SDG COVER PAGE

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: SDG No.: P4227

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
PMW-1(20240925)	P4227-01		X	X	
PMW-2(20240925)	P4227-02		X	X	
PMW-9S(20240926)	P4227-03		X	X	
PMW-9D(20240926)	P4227-04		X	X	
PMW-8S(20240926)	P4227-05		X	X	
PMW-8D(20240926)	P4227-06		X	X	
DUP(20240926)	P4227-07		X	X	
MW-2(MCUA)(20240926	P4227-08		X	X	
PMW-5(20240926)	P4227-09		X	X	
MW-1(MCUA)(20240926	P4227-10		X	X	
PMW-3(20240927)	P4227-11		X	X	
PMW-4(20240927)	P4227-12		X	X	
PMW-6(20240927)	P4227-13		X	X	
PMW-7S(20240927)	P4227-14		X	X	
PMW-7D(20240927)	P4227-15		X	X	
P4227-15MS	P4227-16		X	X	
P4227-15MSD	P4227-17		X	X	
PMW-10(20240927)	P4227-18		X	X	
FB(20240925)	P4227-19		X	X	
FB(20240926)	P4227-20		X	X	
FB(20240927)	P4227-21		X	X	
EB(20240927)	P4227-22		X	X	
TB(20240924)	P4227-23				

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: _____

CHEMTECH
CHAIN OF CUSTODY RECORD

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CHEMTECH PROJECT NO. P4227
QUOTE NO.
COC Number 2041906

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Arcadis US Inc
ADDRESS: 50 millstone Rd Bldg 200 Suite 220
CITY East windsor STATE NJ ZIP 08520
ATTENTION: Kaiti Liao
PHONE 267-567-2900 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ARC and HRDP
PROJECT NO. 30184323.00001 LOCATION: Sayreville, NJ
PROJECT MANAGER: Kaiti Liao
e-mail: Kaiti.liao@arcadis.com
PHONE: 267-567-2900 FAX:

CLIENT BILLING INFORMATION

BILL TO: Arcadis US Inc PO#: 2
ADDRESS: 50 millstone Rd Bldg 200 Suite 220
CITY East windsor STATE: NJ ZIP: 08520
ATTENTION: Kaiti Liao PHONE: 267-567-2900

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☑ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1 GW VOCs CLP SOW SFAM 01.1
2 SVOCs CLP SOW SFAM 01.1
3 Metals CLP SOW SFAM 01.1 (using ICP-MS)
4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES A 1	E 2	B 3	4	5	6	7	8	9	COMMENTS
1.	PMW-1(20240925)	GW		G	9/25/24	1335	4	X	X	X							
2.	PMW-2(20240925)	GW		G	9/25/24	1350	4	X	X	X							
3.	PMW-9S(20240926)	GW		G	9/26/24	0920	4	X	X	X							
4.	PMW-9D(20240926)	GW		G	9/26/24	1055	4	X	X	X							
5.	PMW-8S(20240926)	GW		G	9/26/24	1155	4	X	X	X							
6.	PMW-8D(20240926)	GW		G	9/26/24	0955	4	X	X	X							
7.	DUP(20240926)	GW		G	9/26/24	—	4	X	X	X							
8.	PMW-2(MCUA)(20240926)	GW		G	9/26/24	1205	4	X	X	X							
9.	PMW-5(20240926)	GW		G	9/26/24	1435	4	X	X	X							
10.	MW-1(MCUA)(20240926)	GW		G	9/26/24	1505	4	X	X	X							

PRESERVATIVES — Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/27/24 1550	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON-COMPLIANT ☐ COOLER TEMP 3.3°C
Comments: FOR VOCs CLP SOW SFAM 01.1 USE trace volatiles
FOR metals CLP SOW SFAM 01.1 USE ICP-MS

Page 1 of 3

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

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CHEMTECH PROJECT NO. P4227
QUOTE NO.
COC Number 2041907

3

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Arcadis US Inc
ADDRESS: 50 Millstone Rd Building 200 Suite 220
CITY East Windsor STATE: NJ ZIP: 08520
ATTENTION: Kaiti Liao
PHONE: 267-567-2900 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ARC and HRDD
PROJECT NO.: 30184323.00001 LOCATION: Sayreville, NJ
PROJECT MANAGER: Kaiti Liao
e-mail: kaiti.liao@arcadis.com
PHONE: 267-567-2900 FAX:

CLIENT BILLING INFORMATION

BILL TO: Arcadis US Inc PO#:
ADDRESS: 50 Millstone Rd Bldg 200 Suite 220
CITY East Windsor STATE: NJ ZIP: 08520
ATTENTION: Kaiti Liao PHONE: 267-567-2900

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☑ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1 VOCs CLP SOW SFAM01.1 (Trace Volatiles)
2 SVOCs CLP SOW SFAM01.1
3 Metals CLP SOW SFAM01.1 (ICP-MS)
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES A (1)	E (2)	B (3)	4	5	6	7	8	9	COMMENTS
1.	PMW-3(20240927)	GW		G	9/27/24	1110	4	X	X	X							
2.	PMW-4(20240927)				9/27/24	1255	4	X	X	X							
3.	PMW-6(20240927)				9/27/24	1240	4	X	X	X							
4.	PMW-7S(20240927)				9/27/24	1030	4	X	X	X							
5.	PMW-7D(20240927)				9/27/24	1030	4	X	X	X							
6.	PMW-7D-MS(20240927)				9/27/24	1030	4	X	X	X							
7.	PMW-7D-MSD(20240927)				9/27/24	1030	4	X	X	X							
8.	PMW-10(20240927)				9/27/24	0935	4	X	X	X							
9.	FB(20240925)				9/25/24	1510	4	X	X	X							
10.	FB(20240926)				9/26/24	1530	4	X	X	X							

A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/27/24 1550	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments: For VOCs CLP SOW SFAM01.1 use trace Volatiles
For metals CLP SOW SFAM01.1 use ICP-MS

Page 2 of 3

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

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CHEMTECH PROJECT NO. P4227
QUOTE NO.
COC Number 2041909

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Arcadis US Inc
ADDRESS: 50 millstone Rd Bldg 200 Suite 220
CITY East windsor STATE: NJ ZIP: 08520
ATTENTION: Kaiti Liao
PHONE: 267-567-2900 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ARC and HRDD
PROJECT NO.: 30184323.00001 LOCATION: Sayreville, NJ
PROJECT MANAGER: Kaiti Liao
e-mail: Kaiti.liao@arcadis.com
PHONE: 267-567-2900 FAX:

CLIENT BILLING INFORMATION

BILL TO: Arcadis US Inc PO#: 4
ADDRESS: 50 Millstone Rd Bldg 200 Suite 220
CITY East windsor STATE: NJ ZIP: 08520
ATTENTION: Kaiti Liao PHONE: 267-567-2900

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: VOCs CLP SOW SFAM 01.1 Trace Volatiles
2: SVOC CLP SOW SFAM 01.1
3: Metals CLP SOW SFAM 01.1 (Using ICP-MS)
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (A)	2 (E)	3 (B)	4	5	6	7	8	9	COMMENTS
1.	FB(20240927)	GW		G	9/27/24	1230	4	X	X	X							
2.	EB(20240927)	"		"	9/27/24	1215	4	X	X	X							
3.	TB(20240924)	"		"		-	2	X									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/27/24 1550	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2-3°C °C
Comments: For VOCs CLP SOW SFAM 01.1 use trace volatiles
For Metals CLP SOW SFAM 01.1 use ICP-MS

Page 3 of 3

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

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

LAB NAME	**CHEMTECH CONSULTING GROUP**
LAB CODE	**ACE**
CONTRACT NO.	**EPW14030**
CASE NO.	**ARC Sayreville PostEx** SDG NO. **P4227**
MA NO.	**30184323.0001**
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	TO	CHECK LAB	REGION
1 . SDG Cover Page	1	1	✓	
2 . Sample TR/COCs	2	4	✓	
3 . Sample Login Sheet (DC-1)	NA	NA	✓	
4 . CSF Inventory Sheet (DC-2)	5	8	✓	
5 . SDG Narrative	9	11	✓	
Inorganic Analysis				
ICP-AES				
6 . Inorganic Analysis Data Sheet (Form 1-IN)	NA	NA	✓	
7 . Initial and Continuing Calibration Verification (Form 2-IN)	NA	NA	✓	
8 . Blanks (Form 3-IN)	NA	NA	✓	
9 . ICP Interference Check Sample (Form 4-IN)	NA	NA	✓	
10 . Matrix Spike Sample Recovery (Form 5A-IN)	NA	NA	✓	
11 . Post-Digestion Spike Sample Recovery (Form 5B-IN)	NA	NA	✓	
12 . Duplicates (Form 6-IN)	NA	NA	✓	
13 . Laboratory Control Sample (Form 7-IN)	NA	NA	✓	
14 . ICP-AES Serial Dilutions (Form 8-IN)	NA	NA	✓	
15 . Method Detection Limits (Form 9-IN)	NA	NA	✓	

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

	PAGE NOS: FROM	TO	CHECK LAB	REGION
16. ICP-AES Interelement Correction Factors (Form 10A-IN)	NA	NA	✓	
17. ICP-AES Interelement Correction Factors (Form 10B-IN)	NA	NA	✓	
18. Analysis Log (Form 12-IN)	NA	NA	✓	
19. Initial Calibration (Form 15-IN)	NA	NA	✓	
20. Initial Calibration Summary (Form 16-IN)	NA	NA	✓	
21. ICP-AES Raw Data	NA	NA	✓	
22. ICP-AES Preparation Log Books,Preparation records, Analysis records, and PE Instructions	NA	NA	✓	
ICP-MS				
23. Inorganic Analysis Data Sheet (Form 1-IN)	12	31	✓	
24. Initial and Continuing Calibration Verification (Form 2-IN)	32	37	✓	
25. Blanks (Form 3-IN)	38	41	✓	
26. ICP Interference Check Sample (Form 4-IN)	42	43	✓	
27. Matrix Spike Sample Recovery (Form 5A-IN)	44	44	✓	
28. Post-Digestion Spike Sample Recovery (Form 5B-IN)	45	45	✓	
29. Duplicates (Form 6-IN)	46	46	✓	
30. Laboratory Control Sample (Form 7-IN)	47	47	✓	
31. ICP-MS Serial Dilutions (Form 8-IN)	48	48	✓	
32. Method Detection Limits (Form 9-IN)	49	50	✓	
33. ICP-MS Internal Standard Association (Form 11-IN)	51	52	✓	
34. Analysis Log (Form 12-IN)	53	58	✓	
35. ICP-MS Tune (Form 13-IN)	59	60	✓	
36. ICP-MS Internal Standard Relative Intensity Summary (Form 14-IN)	61	88	✓	
37. Initial Calibration (Form 15-IN)	89	94	✓	

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

	PAGE NOS: FROM	TO	CHECK LAB	REGION
38 . Initial Calibration Summary (Form 16-IN)	95	97	✓	
39 . ICP-MS Raw Data	98	1381	✓	
40 . ICP-MS Preparation Log Books,Preparation records, Analysis records, and PE Instructions	1382	1542	✓	
Mercury				
41 . Inorganic Analysis Data Sheet (Form 1-IN)	1543	1562	✓	
42 . Initial and Continuing Calibration Verification (Form 2-IN)	1563	1564	✓	
43 . Blanks (Form 3-IN)	1565	1565	✓	
44 . Matrix Spike Sample Recovery (Form 5A-IN)	1566	1566	✓	
45 . Duplicates (Form 6-IN)	1567	1567	✓	
46 . Method Detection Limits (Form 9-IN)	1568	1569	✓	
47 . Analysis Log (Form 12-IN)	1570	1570	✓	
48 . Initial Calibration (Form 15-IN)	1571	1572	✓	
49 . Initial Calibration Summary (Form 16-IN)	1573	1573	✓	
50 . Mercury Raw Data	1574	1575	✓	
51 . Mercury Preparation Log Books,Preparation records, Analysis records, and PE Instructions	1576	1607	✓	
Cyanide				
52 . Inorganic Analysis Data Sheet (Form 1-IN)	NA	NA	✓	
53 . Initial and Continuing Calibration Verification (Form 2-IN)	NA	NA	✓	
54 . Blanks (Form 3-IN)	NA	NA	✓	
55 . Matrix Spike Sample Recovery (Form 5A-IN)	NA	NA	✓	
56 . Post-Distillation Spike Sample Recovery (Form 5B-IN)	NA	NA	✓	
57 . Duplicates (Form 6-IN)	NA	NA	✓	
58 . Method Detection Limits (Form 9-IN)	NA	NA	✓	

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

	PAGE NOS: FROM	TO	CHECK LAB	REGION
59. Analysis Log (Form 12-IN)	NA	NA	✓	
60. Initial Calibration (Form 15-IN)	NA	NA	✓	
61. Initial Calibration Summary (Form 16-IN)	NA	NA	✓	
62. Cyanide Raw Data	NA	NA	✓	
63. Cyanide Preparation Log Books,Preparation records, Analysis records, and PE Instructions	NA	NA	✓	
Additional				
64. Percent Solids Determination Log	NA	NA	✓	
65. EPA Shipping/Receiving Documents	NA	NA	✓	
Airbill (No. of Shipments 0)	NA	NA	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1608	1611	✓	
66. Misc. Shipping/Receiving Records(list all individual records)				
Communication Logs	NA	NA	✓	
67. Internal Lab Sample Transfer Records &				
Tracking Sheets (describe or list)	1612	1615	✓	
68. Other Records (describe or list) Communication Logs	NA	NA	✓	

69. 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 # P4225
CASE # ARC Sayreville PostEx 2024
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: CHEMTECH CONSULTING GROUP
LAB CODE: ACE
LAB ORDER ID #P4227

A. Number of Samples and Date of Receipt

20 Water samples were delivered to the laboratory intact on 09/27/2024.

B. Parameters

Test requested for Metals CLP MS = Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Iron, Lead, Manganese, Nickel, Thallium and Hg.

C. Cooler Temp

Indicator Bottle**: Presence/**Absence
Cooler: 2.3°C

D. Analytical Techniques:

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

E. 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 PMW-1(20240925) For Lead:

If C = 0.40 ppb
Vf = 50 ml
Vi = 50 ml
DF = 1

Concentration or Result (µg/L) = $0.40 \times \frac{50}{50} \times 1$

= 0.40 µg/L

= 0.40 µg/L (Reported Result with Signification)

Calculation for Hg Water Sample:

Concentration or Result (µg/L) = C x DF

Where,
C = Instrument response in µg/L from the calibration curve.
DF = Dilution Factor

Example Calculation For Sample PMW-1(20240925):

If C = 1.3197 ppb
DF = 1

Concentration or Result (µg/L) = 1.3197 x 1

= 1.3197 µg/L

= 1.3 µg/L (Reported Result with Signification)

F. 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. Spike sample did meet requirements. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

284 Sheffield Street
Mountainside, NJ 07092

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
Beryllium	6Li
Cadmium	159Tb
Chromium	45Sc
Iron	45Sc
Lead	209Bi
Manganese	45Sc
Nickel	45Sc
Thallium	209Bi

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.

DUP(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-07

% Solids: Date Received: 09/27/2024

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	15	J	10/06/2024	1035
7440-36-0	Antimony	0.19	J	10/06/2024	1035
7440-38-2	Arsenic	5.7		10/06/2024	1035
7440-41-7	Beryllium	1.0	U	10/06/2024	1035
7440-43-9	Cadmium	1.0	U	10/06/2024	1035
7440-47-3	Chromium	2.8		10/06/2024	1035
7439-89-6	Iron	46000		10/06/2024	1035
7439-92-1	Lead	0.29	J	10/06/2024	1035
7439-96-5	Manganese	4300		10/06/2024	1035
7440-02-0	Nickel	4.1		10/06/2024	1035
7440-28-0	Thallium	1.0	U	10/06/2024	1035

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

Comments:

EPA SAMPLE NO.

EB(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-22

% Solids: Date Received: 09/27/2024

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	16	J	10/06/2024	1132
7440-36-0	Antimony	2.0	U	10/06/2024	1132
7440-38-2	Arsenic	1.0	U	10/06/2024	1132
7440-41-7	Beryllium	1.0	U	10/06/2024	1132
7440-43-9	Cadmium	1.0	U	10/06/2024	1132
7440-47-3	Chromium	2.9		10/06/2024	1132
7439-89-6	Iron	26	J	10/06/2024	1132
7439-92-1	Lead	1.0	U	10/06/2024	1132
7439-96-5	Manganese	3.1		10/06/2024	1132
7440-02-0	Nickel	1.9		10/06/2024	1132
7440-28-0	Thallium	1.0	U	10/06/2024	1132

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

Comments:

EPA SAMPLE NO.

FB(20240925)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-19

% Solids: Date Received: 09/27/2024

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	10/06/2024	1122
7440-36-0	Antimony	2.0	U	10/06/2024	1122
7440-38-2	Arsenic	1.0	U	10/06/2024	1122
7440-41-7	Beryllium	1.0	U	10/06/2024	1122
7440-43-9	Cadmium	1.0	U	10/06/2024	1122
7440-47-3	Chromium	0.48	J	10/06/2024	1122
7439-89-6	Iron	200	U	10/06/2024	1122
7439-92-1	Lead	1.0	U	10/06/2024	1122
7439-96-5	Manganese	1.5		10/06/2024	1122
7440-02-0	Nickel	0.38	J	10/06/2024	1122
7440-28-0	Thallium	1.0	U	10/06/2024	1122

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

Comments:

EPA SAMPLE NO.

FB(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-20

% Solids: Date Received: 09/27/2024

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	10/06/2024	1126
7440-36-0	Antimony	2.0	U	10/06/2024	1126
7440-38-2	Arsenic	1.0	U	10/06/2024	1126
7440-41-7	Beryllium	1.0	U	10/06/2024	1126
7440-43-9	Cadmium	1.0	U	10/06/2024	1126
7440-47-3	Chromium	0.23	J	10/06/2024	1126
7439-89-6	Iron	200	U	10/06/2024	1126
7439-92-1	Lead	1.0	U	10/06/2024	1126
7439-96-5	Manganese	0.53	J	10/06/2024	1126
7440-02-0	Nickel	1.0	U	10/06/2024	1126
7440-28-0	Thallium	1.0	U	10/06/2024	1126

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

Comments:

EPA SAMPLE NO.

FB(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-21

% Solids: Date Received: 09/27/2024

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	10/06/2024	1129
7440-36-0	Antimony	2.0	U	10/06/2024	1129
7440-38-2	Arsenic	1.0	U	10/06/2024	1129
7440-41-7	Beryllium	1.0	U	10/06/2024	1129
7440-43-9	Cadmium	1.0	U	10/06/2024	1129
7440-47-3	Chromium	2.0	U	10/06/2024	1129
7439-89-6	Iron	200	U	10/06/2024	1129
7439-92-1	Lead	1.0	U	10/06/2024	1129
7439-96-5	Manganese	0.36	J	10/06/2024	1129
7440-02-0	Nickel	1.0	U	10/06/2024	1129
7440-28-0	Thallium	1.0	U	10/06/2024	1129

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

Comments:

EPA SAMPLE NO.

MW-1(MCUA)(20240

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-10

% Solids: Date Received: 09/27/2024

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	38		10/06/2024	1051
7440-36-0	Antimony	2.0	U	10/06/2024	1051
7440-38-2	Arsenic	1.0	U	10/06/2024	1051
7440-41-7	Beryllium	1.0	U	10/06/2024	1051
7440-43-9	Cadmium	1.0	U	10/06/2024	1051
7440-47-3	Chromium	0.66	J	10/06/2024	1051
7439-89-6	Iron	9100		10/06/2024	1051
7439-92-1	Lead	0.25	J	10/06/2024	1051
7439-96-5	Manganese	540		10/06/2024	1051
7440-02-0	Nickel	2.7		10/06/2024	1051
7440-28-0	Thallium	1.0	U	10/06/2024	1051

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

Comments:

EPA SAMPLE NO.

MW-2(MCUA)(20240

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-08

% Solids: Date Received: 09/27/2024

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	13	J	10/06/2024	1119
7440-36-0	Antimony	2.0	U	10/06/2024	1119
7440-38-2	Arsenic	1.0	U	10/06/2024	1119
7440-41-7	Beryllium	1.0	U	10/06/2024	1119
7440-43-9	Cadmium	1.0	U	10/06/2024	1119
7440-47-3	Chromium	0.61	J	10/06/2024	1119
7439-89-6	Iron	4100		10/06/2024	1119
7439-92-1	Lead	0.19	J	10/06/2024	1119
7439-96-5	Manganese	130		10/06/2024	1119
7440-02-0	Nickel	0.62	J	10/06/2024	1119
7440-28-0	Thallium	1.0	U	10/06/2024	1119

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

Comments:

EPA SAMPLE NO.

PMW-1(20240925)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-01

% Solids: Date Received: 09/27/2024

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	120		10/06/2024	1016
7440-36-0	Antimony	2.0	U	10/06/2024	1016
7440-38-2	Arsenic	2.1		10/06/2024	1016
7440-41-7	Beryllium	1.0	U	10/06/2024	1016
7440-43-9	Cadmium	1.0	U	10/06/2024	1016
7440-47-3	Chromium	2.1		10/06/2024	1016
7439-89-6	Iron	74000		10/06/2024	1016
7439-92-1	Lead	0.40	J	10/06/2024	1016
7439-96-5	Manganese	3100		10/06/2024	1016
7440-02-0	Nickel	38		10/06/2024	1016
7440-28-0	Thallium	1.0	U	10/06/2024	1016

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

Comments:

EPA SAMPLE NO.

PMW-10(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-18

% Solids: Date Received: 09/27/2024

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	2500		10/06/2024	1044
7440-36-0	Antimony	0.10	J	10/06/2024	1044
7440-38-2	Arsenic	1.2		10/06/2024	1044
7440-41-7	Beryllium	2.8		10/06/2024	1044
7440-43-9	Cadmium	1.0	U	10/06/2024	1044
7440-47-3	Chromium	0.57	J	10/06/2024	1044
7439-89-6	Iron	390000	D	10/25/2024	0913
7439-92-1	Lead	0.25	J	10/06/2024	1044
7439-96-5	Manganese	6800		10/06/2024	1044
7440-02-0	Nickel	180		10/06/2024	1044
7440-28-0	Thallium	1.0	U	10/06/2024	1044

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

Comments:

EPA SAMPLE NO.

PMW-2(20240925)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-02

% Solids: Date Received: 09/27/2024

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	890		10/06/2024	1019
7440-36-0	Antimony	2.0	U	10/06/2024	1019
7440-38-2	Arsenic	1.7		10/06/2024	1019
7440-41-7	Beryllium	1.5		10/06/2024	1019
7440-43-9	Cadmium	1.0	U	10/06/2024	1019
7440-47-3	Chromium	1.6	J	10/06/2024	1019
7439-89-6	Iron	70000		10/06/2024	1019
7439-92-1	Lead	0.57	J	10/06/2024	1019
7439-96-5	Manganese	1500		10/06/2024	1019
7440-02-0	Nickel	14		10/06/2024	1019
7440-28-0	Thallium	0.11	J	10/06/2024	1019

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

Comments:

EPA SAMPLE NO.

PMW-3(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-11

% Solids: Date Received: 09/27/2024

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	270		10/06/2024	1054
7440-36-0	Antimony	2.0	U	10/06/2024	1054
7440-38-2	Arsenic	1.1		10/06/2024	1054
7440-41-7	Beryllium	1.0	U	10/06/2024	1054
7440-43-9	Cadmium	1.0	U	10/06/2024	1054
7440-47-3	Chromium	1.1	J	10/06/2024	1054
7439-89-6	Iron	160000		10/06/2024	1054
7439-92-1	Lead	0.20	J	10/06/2024	1054
7439-96-5	Manganese	1900		10/06/2024	1054
7440-02-0	Nickel	13		10/06/2024	1054
7440-28-0	Thallium	0.20	J	10/06/2024	1054

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

Comments:

EPA SAMPLE NO.

PMW-4(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-12

% Solids: Date Received: 09/27/2024

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	820		10/06/2024	1057
7440-36-0	Antimony	2.0	U	10/06/2024	1057
7440-38-2	Arsenic	2.5		10/06/2024	1057
7440-41-7	Beryllium	1.0	U	10/06/2024	1057
7440-43-9	Cadmium	1.0	U	10/06/2024	1057
7440-47-3	Chromium	3.7		10/06/2024	1057
7439-89-6	Iron	77000		10/06/2024	1057
7439-92-1	Lead	0.20	J	10/06/2024	1057
7439-96-5	Manganese	380		10/06/2024	1057
7440-02-0	Nickel	7.3		10/06/2024	1057
7440-28-0	Thallium	1.0	U	10/06/2024	1057

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

Comments:

EPA SAMPLE NO.

PMW-5(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-09

% Solids: Date Received: 09/27/2024

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	220		10/06/2024	1047
7440-36-0	Antimony	2.0	U	10/06/2024	1047
7440-38-2	Arsenic	11		10/06/2024	1047
7440-41-7	Beryllium	1.0	U	10/06/2024	1047
7440-43-9	Cadmium	1.0	U	10/06/2024	1047
7440-47-3	Chromium	19		10/06/2024	1047
7439-89-6	Iron	69000		10/06/2024	1047
7439-92-1	Lead	0.42	J	10/06/2024	1047
7439-96-5	Manganese	370		10/06/2024	1047
7440-02-0	Nickel	19		10/06/2024	1047
7440-28-0	Thallium	1.0	U	10/06/2024	1047

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

Comments:

EPA SAMPLE NO.

PMW-6(20240927)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-13

% Solids: Date Received: 09/27/2024

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	3200		10/06/2024	1100
7440-36-0	Antimony	2.0	U	10/06/2024	1100
7440-38-2	Arsenic	2.1		10/06/2024	1100
7440-41-7	Beryllium	3.0		10/06/2024	1100
7440-43-9	Cadmium	0.20	J	10/06/2024	1100
7440-47-3	Chromium	3.3		10/06/2024	1100
7439-89-6	Iron	290000	D	10/06/2024	1234
7439-92-1	Lead	0.19	J	10/06/2024	1100
7439-96-5	Manganese	3900		10/06/2024	1100
7440-02-0	Nickel	4.2		10/06/2024	1100
7440-28-0	Thallium	1.0	U	10/06/2024	1100

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

Comments:

EPA SAMPLE NO.

PMW-7D(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-15

% Solids: Date Received: 09/27/2024

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	9.5	J	10/06/2024	1107
7440-36-0	Antimony	2.0	U	10/06/2024	1107
7440-38-2	Arsenic	9.9		10/06/2024	1107
7440-41-7	Beryllium	1.0	U	10/06/2024	1107
7440-43-9	Cadmium	1.0	U	10/06/2024	1107
7440-47-3	Chromium	1.3	J	10/06/2024	1107
7439-89-6	Iron	37000		10/06/2024	1107
7439-92-1	Lead	0.17	J	10/06/2024	1107
7439-96-5	Manganese	1000		10/06/2024	1107
7440-02-0	Nickel	1.5		10/06/2024	1107
7440-28-0	Thallium	1.0	U	10/06/2024	1107

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

Comments:

EPA SAMPLE NO.

PMW-7S(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-14

% Solids: Date Received: 09/27/2024

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	10/06/2024	1103
7440-36-0	Antimony	2.0	U	10/06/2024	1103
7440-38-2	Arsenic	9.5		10/06/2024	1103
7440-41-7	Beryllium	1.0	U	10/06/2024	1103
7440-43-9	Cadmium	1.0	U	10/06/2024	1103
7440-47-3	Chromium	2.0		10/06/2024	1103
7439-89-6	Iron	38000		10/06/2024	1103
7439-92-1	Lead	0.17	J	10/06/2024	1103
7439-96-5	Manganese	1000		10/06/2024	1103
7440-02-0	Nickel	2.2		10/06/2024	1103
7440-28-0	Thallium	1.0	U	10/06/2024	1103

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

Comments:

EPA SAMPLE NO.

PMW-8D(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-06

% Solids: Date Received: 09/27/2024

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	13	J	10/06/2024	1032
7440-36-0	Antimony	2.0	U	10/06/2024	1032
7440-38-2	Arsenic	0.85	J	10/06/2024	1032
7440-41-7	Beryllium	1.0	U	10/06/2024	1032
7440-43-9	Cadmium	1.0	U	10/06/2024	1032
7440-47-3	Chromium	0.59	J	10/06/2024	1032
7439-89-6	Iron	120000		10/06/2024	1032
7439-92-1	Lead	0.16	J	10/06/2024	1032
7439-96-5	Manganese	3400		10/06/2024	1032
7440-02-0	Nickel	1.6		10/06/2024	1032
7440-28-0	Thallium	1.0	U	10/06/2024	1032

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

Comments:

EPA SAMPLE NO.

PMW-8S(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-05

% Solids: Date Received: 09/27/2024

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	27		10/06/2024	1029
7440-36-0	Antimony	2.0	U	10/06/2024	1029
7440-38-2	Arsenic	1.5		10/06/2024	1029
7440-41-7	Beryllium	1.0	U	10/06/2024	1029
7440-43-9	Cadmium	1.0	U	10/06/2024	1029
7440-47-3	Chromium	1.0	J	10/06/2024	1029
7439-89-6	Iron	99000		10/06/2024	1029
7439-92-1	Lead	0.73	J	10/06/2024	1029
7439-96-5	Manganese	3300		10/06/2024	1029
7440-02-0	Nickel	2.8		10/06/2024	1029
7440-28-0	Thallium	1.0	U	10/06/2024	1029

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

Comments:

EPA SAMPLE NO.

PMW-9D(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-04

% Solids: Date Received: 09/27/2024

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	14	J	10/06/2024	1026
7440-36-0	Antimony	2.0	U	10/06/2024	1026
7440-38-2	Arsenic	1.0	U	10/06/2024	1026
7440-41-7	Beryllium	1.0	U	10/06/2024	1026
7440-43-9	Cadmium	1.0	U	10/06/2024	1026
7440-47-3	Chromium	2.8		10/06/2024	1026
7439-89-6	Iron	73000		10/06/2024	1026
7439-92-1	Lead	0.23	J	10/06/2024	1026
7439-96-5	Manganese	11000	D*	10/25/2024	0910
7440-02-0	Nickel	31		10/06/2024	1026
7440-28-0	Thallium	1.0	U	10/06/2024	1026

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

Comments:

EPA SAMPLE NO.

PMW-9S(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-03

% Solids: Date Received: 09/27/2024

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	17	J	10/06/2024	1023
7440-36-0	Antimony	0.16	J	10/06/2024	1023
7440-38-2	Arsenic	5.8		10/06/2024	1023
7440-41-7	Beryllium	1.0	U	10/06/2024	1023
7440-43-9	Cadmium	1.0	U	10/06/2024	1023
7440-47-3	Chromium	7.2		10/06/2024	1023
7439-89-6	Iron	49000		10/06/2024	1023
7439-92-1	Lead	0.55	J	10/06/2024	1023
7439-96-5	Manganese	4600		10/06/2024	1023
7440-02-0	Nickel	6.2		10/06/2024	1023
7440-28-0	Thallium	1.0	U	10/06/2024	1023

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

Comments:

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : DG No.: P4227

Initial Calibration Verification Source : MP82578

Continuing Calibration Verification Source : MP82579

Run Batch: LB132796 Analytical Method: ICP-MS

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV012				ID: CCV029				ID: CCV030		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	490	99	0	50000	49000	98	1	48000	95	3
Antimony	200	200	99	0	500	490	99	1	490	99	2
Arsenic	200	200	101	1	500	510	102	1	500	100	2
Beryllium	100	100	104	1	500	500	101	2	500	101	1
Cadmium	100	110	105	0	500	500	100	1	500	100	1
Chromium	100	100	103	0	500	510	101	1	500	100	3
Iron	2000	2100	107	1	125000	130000	102	1	130000	102	2
Lead	200	190	97	1	2500	2500	101	1	2500	101	1
Manganese	100	100	104	0	5000	5200	103	1	5100	102	3
Nickel	110	110	97	2	500	490	98	1	490	98	2
Thallium	210	210	101	1	500	510	101	1	510	101	0

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : DG No.: P4227

Initial Calibration Verification Source : MP82578

Continuing Calibration Verification Source : MP82579

Run Batch: LB132796 Analytical Method: ICP-MS

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV031				ID: CCV032		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	49000	98	1	49000	98	0
Antimony					500	490	97	1	490	99	4
Arsenic					500	500	100	2	490	99	1
Beryllium					500	510	101	1	500	99	2
Cadmium					500	490	98	1	470	95	2
Chromium					500	510	102	1	510	101	0
Iron					125000	130000	103	2	130000	103	1
Lead					2500	2500	101	2	2500	100	2
Manganese					5000	5200	103	1	5200	103	1
Nickel					500	500	99	1	490	97	0
Thallium					500	500	101	2	500	100	2

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : DG No.: P4227

Initial Calibration Verification Source : MP82578

Continuing Calibration Verification Source : MP82579

Run Batch: LB132796 Analytical Method: ICP-MS

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV033				ID: CCV034		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	49000	98	0	48000	97	1
Antimony					500	500	99	1	480	97	1
Arsenic					500	490	98	1	480	96	1
Beryllium					500	510	101	2	510	101	1
Cadmium					500	480	96	0	470	95	2
Chromium					500	510	102	0	510	101	1
Iron					125000	130000	103	0	130000	102	1
Lead					2500	2500	101	1	2500	99	1
Manganese					5000	5200	103	1	5100	102	1
Nickel					500	490	98	1	490	97	1
Thallium					500	510	101	0	500	99	0

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : DG No.: P4227

Initial Calibration Verification Source : MP82578

Continuing Calibration Verification Source : MP82579

Run Batch: LB133124 Analytical Method: ICP-MS

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV004				ID: CCV014				ID: CCV015		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum	500	490	99	1	50000	50000	100	0	50000	99	1
Antimony	200	210	103	2	500	500	101	1	490	97	0
Arsenic	200	200	99	1	500	480	96	1	480	96	1
Beryllium	100	110	109	1	500	540	107	1	550	110	1
Cadmium	100	110	105	2	500	520	104	2	510	102	1
Chromium	100	100	105	0	500	490	98	1	500	100	1
Iron	2000	2200	108	0	125000	120000	98	0	130000	101	0
Lead	200	200	100	1	2500	2500	101	2	2500	101	1
Manganese	100	100	104	0	5000	4900	97	0	5000	99	1
Nickel	110	100	94	0	500	500	101	0	530	105	0
Thallium	210	210	102	2	500	510	102	1	510	102	1

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : DG No.: P4227

Initial Calibration Verification Source : MP82578

Continuing Calibration Verification Source : MP82579

Run Batch: LB133124 Analytical Method: ICP-MS

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV016				ID: CCV017		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	48000	96	0	48000	95	0
Antimony					500	480	96	1	480	95	1
Arsenic					500	470	93	1	470	94	1
Beryllium					500	530	106	2	520	104	1
Cadmium					500	490	99	1	490	99	1
Chromium					500	500	100	1	490	99	1
Iron					125000	130000	101	1	120000	100	0
Lead					2500	2500	101	0	2500	100	0
Manganese					5000	5000	99	0	5000	99	1
Nickel					500	520	104	0	520	104	0
Thallium					500	510	101	2	500	101	2

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : DG No.: P4227

Initial Calibration Verification Source : MP82578

Continuing Calibration Verification Source : MP82579

Run Batch: LB133124 Analytical Method: ICP-MS

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV018				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Aluminum					50000	49000	97	1			
Antimony					500	490	98	0			
Arsenic					500	480	96	0			
Beryllium					500	530	107	1			
Cadmium					500	470	95	1			
Chromium					500	510	101	1			
Iron					125000	130000	102	1			
Lead					2500	2600	102	1			
Manganese					5000	5000	101	0			
Nickel					500	510	103	1			
Thallium					500	510	102	1			

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: ARC Sayrevil MA No. : SDG No.: P4227

Preparation Blank Matrix : Water

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

Analytical Method: ICP-MS Preparation Batch: PB163911

Run Batch: LB132796 Preparation Method: 200.8

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB012	Q	ID: CCB029	Q	ID: CCB030	Q	ID: CCB031	Q	ID: PBW911	Q
Aluminum	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
Antimony	2.0	U	0.36	J	0.33	J	0.33	J	2.0	U
Arsenic	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Beryllium	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U	-0.19	J
Chromium	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Iron	200	U	200	U	200	U	200	U	200	U
Lead	1.0	U	0.17	J	0.21	J	0.36	J	1.0	U
Manganese	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Nickel	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Thallium	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: ARC Sayrevil MA No. : SDG No.: P4227

Preparation Blank Matrix :

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

Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB132796 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB032	Q	ID: CCB033	Q	ID: CCB034	Q	ID:	Q
Aluminum			20.0	U	20.0	U	20.0	U		
Antimony			0.34	J	0.35	J	0.3	J		
Arsenic			1.0	U	1.0	U	1.0	U		
Beryllium			1.0	U	1.0	U	1.0	U		
Cadmium			1.0	U	1.0	U	1.0	U		
Chromium			2.0	U	2.0	U	2.0	U		
Iron			200	U	200	U	200	U		
Lead			0.19	J	0.17	J	1.0	U		
Manganese			0.39	J	1.0	U	1.0	U		
Nickel			1.0	U	1.0	U	1.0	U		
Thallium			1.0	U	1.0	U	1.0	U		

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: ARC Sayrevil MA No. : SDG No.: P4227

Preparation Blank Matrix :

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

Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB133124 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB004	Q	ID: CCB014	Q	ID: CCB015	Q	ID: CCB016	Q	ID:	Q
Aluminum	20.0	U	20.0	U	20.0	U	20.0	U		
Antimony	0.15	J	0.42	J	0.37	J	0.22	J		
Arsenic	1.0	U	1.0	U	1.0	U	1.0	U		
Beryllium	1.0	U	1.0	U	1.0	U	1.0	U		
Cadmium	1.0	U	1.0	U	1.0	U	1.0	U		
Chromium	2.0	U	2.0	U	2.0	U	2.0	U		
Iron	200	U	200	U	200	U	200	U		
Lead	1.0	U	0.19	J	0.19	J	0.23	J		
Manganese	1.0	U	1.0	U	1.0	U	1.0	U		
Nickel	1.0	U	1.0	U	1.0	U	1.0	U		
Thallium	1.0	U	0.08	J	1.0	U	1.0	U		

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: ARC Sayrevil MA No. : S DG No.: P4227

Preparation Blank Matrix :

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

Analytical Method: ICP-MS Preparation Batch:

Run Batch: LB133124 Preparation Method:

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID:	Q	ID: CCB017	Q	ID: CCB018	Q	ID:	Q	ID:	Q
Aluminum			15	J	23					
Antimony			0.36	J	0.4	J				
Arsenic			1.0	U	1.0	U				
Beryllium			1.0	U	1.0	U				
Cadmium			1.0	U	1.0	U				
Chromium			2.0	U	2.0	U				
Iron			200	U	200	U				
Lead			0.15	J	0.19	J				
Manganese			1.0	U	1.0	U				
Nickel			1.0	U	1.0	U				
Thallium			1.0	U	1.0	U				

FORM 4 - IN

ICP INTERFERENCE CHECK SAMPLE

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

Lab Code: ACE Case No.: ARC Sayrevi MA No. : SDG No.: P4227

Analytical Method: ICP-MS ICSA Source: EPA-0803

Instrument ID: P7 ICSB Source: EPA-0803

Run Batch: LB132796

Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	94000	94	94000	94
Antimony	1.5	22	1.2	77	21	97
Arsenic	0.1	19	0.36	360	21	110
Barium	1.2	22	1.4	115	21	94
Beryllium	0	19	0.31		22	113
Cadmium	0.7	20	0.17	24	20	100
Calcium	100000	100000	97000	97	98000	98
Chromium	21	40	21	100	42	105
Cobalt	1	20	1.3	132	22	111
Copper	8	25	7.8	98	28	111
Iron	100000	100000	110000	105	100000	104
Lead	4	25	4.1	103	23	91
Magnesium	100000	100000	100000	101	100000	101
Manganese	7	27	8.3	118	29	109
Molybdenum	2000	2000	1900	95	1900	95
Nickel	6	24	5.7	95	26	110
Potassium	100000	100000	100000	100	100000	100
Selenium	0.3	19	-0.21	0	21	111
Silver	0	18	0.06		19	107
Sodium	100000	100000	100000	101	100000	101
Strontium	0	0	35		35	
Thallium	0	21	0.13		19	92
Vanadium	0.5	19	0.19	38	21	110
Zinc	11	29	12	108	33	112

FORM 4 - IN

ICP INTERFERENCE CHECK SAMPLE

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

Lab Code: ACE Case No.: ARC Sayrevi MA No. : SDG No.: P4227

Analytical Method: ICP-MS ICSA Source: EPA-0803

Instrument ID: P7 ICSB Source: EPA-0803

Run Batch: LB133124

Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	100000	100000	89000	88	87000	87
Antimony	1.5	22	1.2	77	21	93
Arsenic	0.1	19	0.29	290	20	103
Barium	1.2	22	1.4	116	20	92
Beryllium	0	19	0.29		22	113
Cadmium	0.7	20	0.34	49	20	98
Calcium	100000	100000	96000	96	96000	96
Chromium	21	40	20	96	40	100
Cobalt	1	20	1.3	126	21	104
Copper	8	25	7.1	89	26	102
Iron	100000	100000	99000	99	98000	98
Lead	4	25	3.9	98	24	95
Magnesium	100000	100000	94000	94	93000	93
Manganese	7	27	8.1	115	28	103
Nickel	6	24	5.2	87	24	101
Potassium	100000	100000	93000	93	93000	93
Selenium	0.3	19	0.76	253	19	102
Silver	0	18	0.08		19	104
Sodium	100000	100000	96000	95	95000	95
Thallium	0	21	0.08		20	97
Vanadium	0.5	19	0.19	38	20	106
Zinc	11	29	11	100	30	104

EPA SAMPLE NO.

PMW-7D(20240927):

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030

Lab Code: ACE Case No.: ARC Sayrevil MA No. : SDG No.: P4227

Matrix : Water Analytical Method: ICP-MS

% Solids:

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	100		2.0	U	100	101	
Arsenic	75 - 125	50		9.9		40.0	100	
Beryllium	75 - 125	51		1.0	U	50.0	103	
Cadmium	75 - 125	51		1.0	U	50.0	101	
Chromium	75 - 125	210		1.3	J	200	102	
Lead	75 - 125	18		0.17	J	20.0	90	
Manganese	75 - 125	1500		1000		500	93	
Nickel	75 - 125	510		1.5		500	102	
Thallium	75 - 125	45		1.0	U	50.0	89	

EPA SAMPLE NO.

FORM 5B - IN

POST-DIGESTION/DISTILLATION SPIKE
SAMPLE RECOVERY

Lab Name: _____ Contract: _____

Lab Code: _____ Case No.: _____ MA No. : _____ SDG No.: _____

Matrix : _____ Analytical Method: _____

% Solids: _____

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q

EPA SAMPLE NO.

PMW-7D(20240927)D

FORM 6 - IN
DUPLICATES

Lab Name: Chemtech Consulting Group Contract: EPW14030

Lab Code: ACE Case No.: ARC Sayrevill MA No. : SDG No.: P4227

Matrix : Water Analytical Method: ICP-MS

% Solids:

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

Analyte	Control Limit	Sample (S)	Q	Duplicate (D)	Q	RPD	Q
Aluminum		9.5	J	8.5	J		
Antimony		2.0	U	2.0	U		
Arsenic		9.9		9.8		1	
Beryllium		1.0	U	1.0	U		
Cadmium		1.0	U	1.0	U		
Chromium		1.3	J	0.95	J		
Iron		37000		35000		3	
Lead		0.17	J	0.17	J		
Manganese		1000		1000		3	
Nickel	1.0	1.5		1.5		1	
Thallium		1.0	U	1.0	U		

EPA SAMPLE NO.

LCS911

FORM 7-IN

LABORATORY CONTROL SAMPLE

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

Lab Code: ACE Case No.: ARC Sayreville PostEx 2024 SDG No.: P4227

No.:

Matrix : Water Preparation Method: 200.8

Analytical Method: ICP-MS Preparation Batch: PB163911

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

Analyte	True	Found	%R
Aluminum	40	40	101
Antimony	4	3.7	92
Arsenic	2	1.9	97
Beryllium	2	1.9	94
Cadmium	2	2.0	102
Chromium	4	4.3	107
Iron	400	410	103
Lead	2	1.6	82
Manganese	2	2.4	118
Nickel	2	2.1	104
Thallium	2	1.6	79

EPA SAMPLE NO.

PMW-7D(20240927)L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

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

Lab Code: ACE Case No.: ARCsayreville SDG No.: P4227

Matrix : Water Analytical Method: ICP-MS

% Solids:

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

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result(S)	Q	% Difference	Q
Aluminum	9.5	J	100	U	100	
Antimony	2.0	U	10.0	U		
Arsenic	9.9		10		3	
Beryllium	1.0	U	5.0	U		
Cadmium	1.0	U	5.0	U		
Chromium	1.3	J	1.0	J	21	
Iron	37000		38000		4	
Lead	0.17	J	5.0	U	100	
Manganese	1000		1000		0	
Nickel	1.5		1.2	J	20	
Thallium	1.0	U	5.0	U		

FORM 9-IN

METHOD DETECTION LIMIT

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

Lab Code: ACE Case No.: ARC Say MA No.: SDG No.: P4227

Analytical Method: ICP-MS Instrument ID: P7

Preparation Method: 200.8

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

Analyte	Wavelength/Mass	MDL	Date Analyzed
Aluminum	27	7.6	12/11/2023
Antimony	121	0.10	12/11/2023
Arsenic	75	0.18	12/11/2023
Beryllium	9	0.32	12/11/2023
Cadmium	111	0.17	12/11/2023
Chromium	52	0.20	12/11/2023
Iron	57	17.0	12/11/2023
Lead	208	0.15	12/11/2023
Manganese	55	0.29	12/11/2023
Nickel	60	0.19	12/11/2023
Thallium	205	0.071	12/11/2023

FORM 9-IN

METHOD DETECTION LIMIT

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

Lab Code: ACE Case No.: ARC Say MA No.: SDG No.: P4227

Analytical Method: ICP-MS Instrument ID: P7

Preparation Method: 200.8

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

Analyte	Wavelength/Mass	MDL	Date Analyzed

FORM 11-IN
ICP-MS INTERNAL STANDARD ASSOCIATION

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Date: 10/06/2024

Run Batch: LB132796

Analyte	Assoc. Internal Standard 1	Assoc. Internal Standard 2
Aluminum	45Sc	
Antimony	159Tb	
Arsenic	89Y	
Barium	159Tb	
Beryllium	6Li	
Cadmium	159Tb	
Calcium	45Sc	
Chromium	45Sc	
Cobalt	45Sc	
Copper	45Sc	
Iron	45Sc	
Lead	209Bi	
Magnesium	45Sc	
Manganese	45Sc	
Molybdenum	89Y	
Nickel	45Sc	
Potassium	45Sc	
Selenium	89Y	
Silver	159Tb	
Sodium	45Sc	
Strontium	89Y	
Thallium	209Bi	
Vanadium	45Sc	
Zinc	45Sc	

FORM 11-IN
ICP-MS INTERNAL STANDARD ASSOCIATION

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Date: 10/25/2024

Run Batch: LB133124

Analyte	Assoc. Internal Standard 1	Assoc. Internal Standard 2
Aluminum	45Sc	
Antimony	159Tb	
Arsenic	89Y	
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	

FORM 12-IN

ANALYSIS LOG

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

Lab Code: ACE Case No.: ARC Sayre MA No.: SDG No.: P4227

Instrument ID: P7 Analytical Method: ICP-MS

Start Date: 10/06/2024 End Date: 10/06/2024

Run Batch: LB132796

EPA Sample No.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
TUNE012	1.0	0451					X				X			X	X													
S0	1.0	0538	X	X	X		X	X		X			X	X		X		X					X					
S02	1.0	0542	X	X	X		X	X		X			X	X		X		X					X					
S03	1.0	0545	X	X	X		X	X		X			X	X		X		X					X					
S04	1.0	0548	X	X	X		X	X		X			X	X		X		X					X					
S05	1.0	0551	X	X	X		X	X		X			X	X		X		X					X					
S06	1.0	0554	X	X	X		X	X		X			X	X		X		X					X					
S07	1.0	0557	X	X	X		X	X		X			X	X		X		X					X					
S08	1.0	0600	X										X															
ICV012	1.0	0629	X	X	X		X	X		X			X	X		X		X					X					
ICB012	1.0	0640	X	X	X		X	X		X			X	X		X		X					X					
ICSA012	1.0	0644	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB012	1.0	0647	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV029	1.0	0650	X	X	X		X	X		X			X	X		X		X					X					
CCB029	1.0	0653	X	X	X		X	X		X			X	X		X		X					X					
ZZZZZZ	1.0	0658																										
ZZZZZZ	1.0	0704																										
ZZZZZZ	1.0	0713																										
ZZZZZZ	1.0	0716																										
ZZZZZZ	1.0	0719																										
ZZZZZZ	1.0	0723																										
ZZZZZZ	1.0	0726																										
ZZZZZZ	1.0	0729																										
ZZZZZZ	1.0	0732																										
ZZZZZZ	5.0	0735																										
ZZZZZZ	1.0	0742																										
ZZZZZZ	1.0	0745																										
ZZZZZZ	1.0	0748																										
ZZZZZZ	1.0	0753																										
ZZZZZZ	1.0	0756																										
ZZZZZZ	1.0	0759																										
ZZZZZZ	1.0	0803																										
ZZZZZZ	1.0	0806																										
ZZZZZZ	1.0	0809																										
ZZZZZZ	1.0	0812																										
ZZZZZZ	5.0	0815																										
ZZZZZZ	1.0	0818																										
ZZZZZZ	1.0	0821																										
ZZZZZZ	1.0	0824																										
CCV030	1.0	0828	X	X	X		X	X		X			X	X		X		X					X					
CCB030	1.0	0830	X	X	X		X	X		X			X	X		X		X					X					

FORM 12-IN

ANALYSIS LOG

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

Lab Code: ACE Case No.: ARC Sayre MA No.: SDG No.: P4227

Instrument ID: P7 Analytical Method: ICP-MS

Start Date: 10/06/2024 End Date: 10/06/2024

Run Batch: LB132796

EPA Sample No.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.0	0834																										
ZZZZZZ	1.0	0837																										
ZZZZZZ	1.0	0840																										
ZZZZZZ	1.0	0909																										
ZZZZZZ	1.0	0912																										
ZZZZZZ	2.0	0915																										
CCV031	1.0	0919	X	X	X		X	X		X			X	X		X		X					X					
CCB031	1.0	0921	X	X	X		X	X		X			X	X		X		X					X					
PBW911	1.0	1010	X	X	X		X	X		X			X	X		X		X					X					
LCS911	1.0	1013	X	X	X		X	X		X			X	X		X		X					X					
PMW-1(2024	1.0	1016	X	X	X		X	X		X			X	X		X		X					X					
PMW-2(2024	1.0	1019	X	X	X		X	X		X			X	X		X		X					X					
PMW-9S(202	1.0	1023	X	X	X		X	X		X			X	X		X		X					X					
PMW-9D(202	1.0	1026	X	X	X		X	X		X			X	X				X					X					
PMW-8S(202	1.0	1029	X	X	X		X	X		X			X	X		X		X					X					
PMW-8D(202	1.0	1032	X	X	X		X	X		X			X	X		X		X					X					
DUP(2024091	1.0	1035	X	X	X		X	X		X			X	X		X		X					X					
CCV032	1.0	1038	X	X	X		X	X		X			X	X		X		X					X					
CCB032	1.0	1041	X	X	X		X	X		X			X	X		X		X					X					
PMW-10(202	1.0	1044	X	X	X		X	X		X				X		X		X					X					
PMW-5(2024	1.0	1047	X	X	X		X	X		X			X	X		X		X					X					
MW-1(MCUA)	1.0	1051	X	X	X		X	X		X			X	X		X		X					X					
PMW-3(2024	1.0	1054	X	X	X		X	X		X			X	X		X		X					X					
PMW-4(2024	1.0	1057	X	X	X		X	X		X			X	X		X		X					X					
PMW-6(2024	1.0	1100	X	X	X		X	X		X				X		X		X					X					
PMW-7S(202	1.0	1103	X	X	X		X	X		X			X	X		X		X					X					
PMW-7D(202	1.0	1107	X	X	X		X	X		X			X	X		X		X					X					
PMW-7D(202	1.0	1110	X	X	X		X	X		X			X	X		X		X					X					
PMW-7D(2025	5.0	1113	X	X	X		X	X		X			X	X		X		X					X					
PMW-7D(202	1.0	1116		X	X		X	X		X				X		X		X					X					
MW-2(MCUA)	1.0	1119	X	X	X		X	X		X			X	X		X		X					X					
FB(2024092	1.0	1122	X	X	X		X	X		X			X	X		X		X					X					
FB(2024092	1.0	1126	X	X	X		X	X		X			X	X		X		X					X					
FB(2024092	1.0	1129	X	X	X		X	X		X			X	X		X		X					X					
EB(2024092	1.0	1132	X	X	X		X	X		X			X	X		X		X					X					
ZZZZZZ	1.0	1150																										
CCV033	1.0	1158	X	X	X		X	X		X			X	X		X		X					X					
CCB033	1.0	1201	X	X	X		X	X		X			X	X		X		X					X					
MW-2(MCUA)	2.0	1230																										
PMW-6(2024	2.0	1234											X															
ZZZZZZ	1.0	1256																										

FORM 12-IN
ANALYSIS LOG

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

Lab Code: ACE Case No.: ARC Sayre MA No.: SDG No.: P4227

Instrument ID: P7 Analytical Method: ICP-MS

Start Date: 10/06/2024 End Date: 10/06/2024

Run Batch: LB132796

EPA Sample No.	D/F	Time	Analytes																									
			AL	**SB**	**AS**	**BA**	**BE**	**CD**	**CA**	**CR**	**CO**	**CU**	**FE**	**PB**	**MG**	**MN**	**HG**	**NI**	**K**	**SE**	**AG**	**NA**	**TL**	**V**	**ZN**	**CN**		
CCV034	1.0	1259	X	X	X		X	X		X			X	X		X		X					X					
CCB034	1.0	1301	X	X	X		X	X		X			X	X		X		X					X					

FORM 12-IN

ANALYSIS LOG

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

Lab Code: ACE Case No.: ARC Sayre MA No.: SDG No.: P4227

Instrument ID: P7 Analytical Method: ICP-MS

Start Date: 10/25/2024 End Date: 10/25/2024

Run Batch: LB133124

EPA Sample No.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
TUNE004	1.0	0200					X				X			X	X													
S0	1.0	0254	X	X	X		X	X		X			X	X		X		X					X					
S02	1.0	0257	X	X	X		X	X		X			X	X		X		X					X					
S03	1.0	0301	X	X	X		X	X		X			X	X		X		X					X					
S04	1.0	0304	X	X	X		X	X		X			X	X		X		X					X					
S05	1.0	0307	X	X	X		X	X		X			X	X		X		X					X					
S06	1.0	0310	X	X	X		X	X		X			X	X		X		X					X					
S07	1.0	0313	X	X	X		X	X		X			X	X		X		X					X					
S08	1.0	0315	X										X															
ICV004	1.0	0321	X	X	X		X	X		X			X	X		X		X					X					
ICB004	1.0	0324	X	X	X		X	X		X			X	X		X		X					X					
ICSA004	1.0	0328	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB004	1.0	0331	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV014	1.0	0334	X	X	X		X	X		X			X	X		X		X					X					
CCB014	1.0	0337	X	X	X		X	X		X			X	X		X		X					X					
ZZZZZZ	1.0	0340																										
ZZZZZZ	1.0	0343																										
ZZZZZZ	1.0	0347																										
ZZZZZZ	1.0	0355																										
ZZZZZZ	1.0	0358																										
ZZZZZZ	1.0	0401																										
ZZZZZZ	1.0	0404																										
ZZZZZZ	1.0	0407																										
ZZZZZZ	1.0	0411																										
ZZZZZZ	1.0	0414																										
ZZZZZZ	1.0	0417																										
ZZZZZZ	1.0	0420																										
ZZZZZZ	1.0	0423																										
ZZZZZZ	1.0	0426																										
ZZZZZZ	5.0	0429																										
ZZZZZZ	1.0	0433																										
ZZZZZZ	1.0	0436																										
ZZZZZZ	1.0	0439																										
ZZZZZZ	1.0	0442																										
ZZZZZZ	1.0	0445																										
ZZZZZZ	1.0	0448																										
ZZZZZZ	1.0	0451																										
ZZZZZZ	1.0	0455																										
ZZZZZZ	1.0	0458																										
ZZZZZZ	1.0	0502																										
ZZZZZZ	1.0	0505																										

FORM 12-IN

ANALYSIS LOG

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

Lab Code: ACE Case No.: ARC Sayre MA No.: SDG No.: P4227

Instrument ID: P7 Analytical Method: ICP-MS

Start Date: 10/25/2024 End Date: 10/25/2024

Run Batch: LB133124

EPA Sample No.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.0	0508																										
CCV015	1.0	0511	X	X	X		X	X		X			X	X		X		X					X					
CCB015	1.0	0514	X	X	X		X	X		X			X	X		X		X					X					
ZZZZZZ	1.0	0517																										
ZZZZZZ	1.0	0524																										
ZZZZZZ	1.0	0527																										
ZZZZZZ	1.0	0531																										
ZZZZZZ	1.0	0534																										
ZZZZZZ	1.0	0537																										
ZZZZZZ	1.0	0540																										
ZZZZZZ	1.0	0544																										
ZZZZZZ	1.0	0547																										
ZZZZZZ	1.0	0550																										
ZZZZZZ	1.0	0553																										
ZZZZZZ	1.0	0556																										
ZZZZZZ	1.0	0600																										
ZZZZZZ	1.0	0603																										
ZZZZZZ	5.0	0606																										
ZZZZZZ	1.0	0609																										
ZZZZZZ	1.0	0612																										
ZZZZZZ	1.0	0615																										
ZZZZZZ	1.0	0619																										
ZZZZZZ	1.0	0622																										
ZZZZZZ	1.0	0625																										
ZZZZZZ	1.0	0628																										
ZZZZZZ	1.0	0632																										
ZZZZZZ	1.0	0635																										
ZZZZZZ	1.0	0638																										
ZZZZZZ	1.0	0641																										
CCV016	1.0	0652	X	X	X		X	X		X			X	X		X		X					X					
CCB016	1.0	0656	X	X	X		X	X		X			X	X		X		X					X					
ZZZZZZ	1.0	0659																										
ZZZZZZ	1.0	0703																										
ZZZZZZ	4.0	0706																										
ZZZZZZ	4.0	0709																										
ZZZZZZ	20.0	0712																										
ZZZZZZ	4.0	0715																										
ZZZZZZ	4.0	0719																										
ZZZZZZ	4.0	0722																										
ZZZZZZ	4.0	0725																										
ZZZZZZ	20.0	0728																										

FORM 12-IN

ANALYSIS LOG

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

Lab Code: ACE Case No.: ARC Sayre MA No.: SDG No.: P4227

Instrument ID: P7 Analytical Method: ICP-MS

Start Date: 10/25/2024 End Date: 10/25/2024

Run Batch: LB133124

EPA Sample No.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	4.0	0732																										
ZZZZZZ	4.0	0735																										
ZZZZZZ	1.0	0739																										
ZZZZZZ	1.0	0743																										
ZZZZZZ	1.0	0746																										
ZZZZZZ	1.0	0749																										
ZZZZZZ	1.0	0752																										
ZZZZZZ	1.0	0756																										
ZZZZZZ	1.0	0759																										
ZZZZZZ	4.0	0805																										
ZZZZZZ	4.0	0808																										
ZZZZZZ	20.0	0812																										
ZZZZZZ	4.0	0815																										
ZZZZZZ	4.0	0818																										
CCV017	1.0	0821	X	X	X		X	X		X			X	X		X		X					X					
CCB017	1.0	0824	X	X	X		X	X		X			X	X		X		X					X					
ZZZZZZ	4.0	0828																										
ZZZZZZ	4.0	0831																										
ZZZZZZ	20.0	0835																										
ZZZZZZ	4.0	0838																										
ZZZZZZ	4.0	0841																										
ZZZZZZ	2.0	0857																										
ZZZZZZ	2.0	0900																										
ZZZZZZ	2.0	0907																										
PMW-9D(202	2.0	0910														X												
PMW-10(2025	5.0	0913											X															
ZZZZZZ	2.0	0916																										
ZZZZZZ	2.0	0919																										
ZZZZZZ	2.0	0923																										
ZZZZZZ	2.0	0926																										
ZZZZZZ	2.0	0929																										
ZZZZZZ	2.0	0932																										
ZZZZZZ	2.0	0936																										
CCV018	1.0	0943	X	X	X		X	X		X			X	X		X		X					X					
CCB018	1.0	0946	X	X	X		X	X		X			X	X		X		X					X					

EPA SAMPLE NO.

TUNE

FORM 13-IN

ICP-MS TUNE

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

Lab Code: ACE Case No.: ARC Sayre MA No.: _____ SDG No.: P4227

Instrument ID: P7 Date: 10/06/2024

Run Batch: LB132796

Element - Mass	Avg. Measured Mass (u)	Average Peak Width (u)	%Height	%RSD
Be - 9	9.0	0.8	5	0.85
Co - 59	59.0	0.7	5	0.99
In - 113	113.0	0.7	5	1.0
In - 115	115.0	0.7	5	1.2
Mg - 24	24.0	0.8	5	0.58
Mg - 25	25.0	0.8	5	0.28
Mg - 26	26.1	0.8	5	0.59
Pb - 206	206.0	0.7	5	1.0
Pb - 207	207.0	0.7	5	1.1
Pb - 208	208.0	0.7	5	0.85

EPA SAMPLE NO.

TUNE

FORM 13-IN

ICP-MS TUNE

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

Lab Code: ACE Case No.: ARC Sayre MA No.: SDG No.: P4227

Instrument ID: P7 Date: 10/25/2024

Run Batch: LB133124

Element - Mass	Avg. Measured Mass (u)	Average Peak Width (u)	%Height	%RSD
Be - 9	9.0	0.8	5	0.56
Co - 59	59.0	0.8	5	0.60
In - 113	113.0	0.8	5	1.5
In - 115	115.0	0.8	5	1.5
Mg - 24	24.0	0.8	5	0.48
Mg - 25	25.0	0.8	5	0.45
Mg - 26	26.0	0.8	5	3.6
Pb - 206	206.0	0.8	5	2.0
Pb - 207	207.0	0.8	5	1.6
Pb - 208	208.0	0.8	5	2.0

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	0538	100		100		100		100		100	
S02	0542	101		100		101		100		101	
S03	0545	100		99		100		99		101	
S04	0548	101		96		99		97		100	
S05	0551	99		91		94		91		98	
S06	0554	96		85		90		86		97	
S07	0557	95		85		90		84		98	
S08	0600	91		83		85		75		90	
ICV012	0629	101		96		98		96		99	
ICB012	0640	103		98		98		97		99	
ICSA012	0644	95		86		89		84		96	
ICSAB012	0647	97		87		91		85		99	
CCV029	0650	96		87		91		83		97	
CCB029	0653	104		93		97		96		103	
ZZZZZZ	0658										
ZZZZZZ	0704										
ZZZZZZ	0713										
ZZZZZZ	0716										
ZZZZZZ	0719										
ZZZZZZ	0723										
ZZZZZZ	0726										
ZZZZZZ	0729										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0742										
ZZZZZZ	0745										
ZZZZZZ	0748										
ZZZZZZ	0753										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0803										
ZZZZZZ	0806										
ZZZZZZ	0809										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
ZZZZZZ	0821										
ZZZZZZ	0824										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
CCV030	0828	90		84		89		82		97	
CCB030	0830	96		87		93		92		100	
ZZZZZZ	0834										
ZZZZZZ	0837										
ZZZZZZ	0840										
ZZZZZZ	0909										
ZZZZZZ	0912										
ZZZZZZ	0915										
CCV031	0919	89		83		90		82		97	
CCB031	0921	96		87		93		93		101	
PBW911	1010	98		93		95		96		97	
LCS911	1013	98		95		95		96		98	
PMW-1(20240	1016	97		90		93		92		97	
PMW-2(20240	1019	93		86		93		88		97	
PMW-9S(2024	1023	82		77		80		71		86	
PMW-9D(2024	1026	91		83		87		79		94	
PMW-8S(2024	1029	96		85		90		87		99	
PMW-8D(2024	1032	94		87		92		89		99	
DUP(2024092	1035	85		81		83		74		89	
CCV032	1038	94		88		92		84		98	
CCB032	1041	100		91		96		95		102	
PMW-10(2024	1044	93		86		99		85		98	
PMW-5(20240	1047	96		90		95		93		101	
MW-1(MCUA)(	1051	96		91		95		93		101	
PMW-3(20240	1054	92		85		93		87		98	
PMW-4(20240	1057	93		87		96		89		99	
PMW-6(20240	1100	93		90		114		91		100	
PMW-7S(2024	1103	94		88		93		89		100	
PMW-7D(2024	1107	93		88		94		90		101	
PMW-7D(2024	1110	93		87		94		90		100	
PMW-7D(2024	1113	96		91		97		96		102	
PMW-7D(2024	1116	93		88		93		89		100	
MW-2(MCUA)(	1119	95		91		95		93		102	
FB(20240925	1122	96		92		98		98		103	
FB(20240926	1126	98		94		98		98		103	
FB(20240927	1129	100		96		100		100		104	
EB(20240927	1132	99		96		100		100		102	
ZZZZZZ	1150										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
CCV033	1158	91		85		90		82		95	
CCB033	1201	101		93		97		96		103	
MW-2(MCUA)(	1230	101		100		102		99		103	
PMW-6(20240	1234	97		92		108		95		102	
ZZZZZZ	1256										
CCV034	1259	91		87		91		84		98	
CCB034	1301	101		93		99		98		105	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	0538	100		100		100		100		100	
S02	0542	100		100		100		101		100	
S03	0545	99		99		99		101		101	
S04	0548	96		96		96		101		101	
S05	0551	89		91		91		96		98	
S06	0554	86		89		86		96		96	
S07	0557	87		90		86		97		98	
S08	0600	86		85		77		91		91	
ICV012	0629	94		96		95		98		99	
ICB012	0640	98		97		98		99		99	
ICSA012	0644	87		88		85		95		95	
ICSAB012	0647	88		91		86		97		97	
CCV029	0650	88		90		84		96		96	
CCB029	0653	96		98		99		102		102	
ZZZZZZ	0658										
ZZZZZZ	0704										
ZZZZZZ	0713										
ZZZZZZ	0716										
ZZZZZZ	0719										
ZZZZZZ	0723										
ZZZZZZ	0726										
ZZZZZZ	0729										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0742										
ZZZZZZ	0745										
ZZZZZZ	0748										
ZZZZZZ	0753										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0803										
ZZZZZZ	0806										
ZZZZZZ	0809										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
ZZZZZZ	0821										
ZZZZZZ	0824										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
CCV030	0828	86		90		85		97		98	
CCB030	0830	87		90		92		96		97	
ZZZZZZ	0834										
ZZZZZZ	0837										
ZZZZZZ	0840										
ZZZZZZ	0909										
ZZZZZZ	0912										
ZZZZZZ	0915										
CCV031	0919	84		88		82		94		96	
CCB031	0921	88		92		95		98		99	
PBW911	1010	93		95		95		96		97	
LCS911	1013	93		95		96		97		96	
PMW-1(20240	1016	91		95		94		98		99	
PMW-2(20240	1019	86		92		89		95		97	
PMW-9S(2024	1023	81		82		75		88		89	
PMW-9D(2024	1026	81		84		78		90		91	
PMW-8S(2024	1029	87		90		89		97		98	
PMW-8D(2024	1032	87		91		90		97		98	
DUP(2024092	1035	83		84		76		89		90	
CCV032	1038	87		89		84		97		96	
CCB032	1041	91		95		95		99		99	
PMW-10(2024	1044	87		99		86		97		97	
PMW-5(20240	1047	92		96		95		100		101	
MW-1(MCUA)(	1051	90		94		92		99		99	
PMW-3(20240	1054	85		91		87		96		96	
PMW-4(20240	1057	89		97		91		99		99	
PMW-6(20240	1100	92		116		94		101		102	
PMW-7S(2024	1103	87		92		90		98		99	
PMW-7D(2024	1107	87		90		89		97		98	
PMW-7D(2024	1110	90		94		93		100		101	
PMW-7D(2024	1113	91		94		95		99		99	
PMW-7D(2024	1116	89		93		91		98		99	
MW-2(MCUA)(	1119	91		95		94		99		99	
FB(20240925	1122	93		96		97		100		100	
FB(20240926	1126	95		98		100		101		102	
FB(20240927	1129	97		100		101		102		102	
EB(20240927	1132	97		100		101		101		101	
ZZZZZZ	1150										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
CCV033	1158	84		87		82		93		94	
CCB033	1201	94		97		97		100		100	
MW-2(MCUA)(	1230	97		99		98		100		101	
PMW-6(20240	1234	94		107		97		102		101	
ZZZZZZ	1256										
CCV034	1259	86		89		83		95		96	
CCB034	1301	95		98		99		101		101	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	0254	100		100		100		100		100	
S02	0257	100		100		100		100		99	
S03	0301	100		100		100		100		99	
S04	0304	101		102		103		103		103	
S05	0307	103		104		106		103		104	
S06	0310	101		104		107		103		108	
S07	0313	103		106		109		104		110	
S08	0315	99		107		106		95		106	
ICV004	0321	97		103		105		104		101	
ICB004	0324	98		106		106		105		101	
ICSA004	0328	100		106		107		101		105	
ICSAB004	0331	101		107		109		103		108	
CCV014	0334	100		111		113		103		111	
CCB014	0337	99		106		108		107		105	
ZZZZZZ	0340										
ZZZZZZ	0343										
ZZZZZZ	0347										
ZZZZZZ	0355										
ZZZZZZ	0358										
ZZZZZZ	0401										
ZZZZZZ	0404										
ZZZZZZ	0407										
ZZZZZZ	0411										
ZZZZZZ	0414										
ZZZZZZ	0417										
ZZZZZZ	0420										
ZZZZZZ	0423										
ZZZZZZ	0426										
ZZZZZZ	0429										
ZZZZZZ	0433										
ZZZZZZ	0436										
ZZZZZZ	0439										
ZZZZZZ	0442										
ZZZZZZ	0445										
ZZZZZZ	0448										
ZZZZZZ	0451										
ZZZZZZ	0455										
ZZZZZZ	0458										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	0502										
ZZZZZZ	0505										
ZZZZZZ	0508										
CCV015	0511	91		101		105		98		107	
CCB015	0514	90		96		100		100		102	
ZZZZZZ	0517										
ZZZZZZ	0524										
ZZZZZZ	0527										
ZZZZZZ	0531										
ZZZZZZ	0534										
ZZZZZZ	0537										
ZZZZZZ	0540										
ZZZZZZ	0544										
ZZZZZZ	0547										
ZZZZZZ	0550										
ZZZZZZ	0553										
ZZZZZZ	0556										
ZZZZZZ	0600										
ZZZZZZ	0603										
ZZZZZZ	0606										
ZZZZZZ	0609										
ZZZZZZ	0612										
ZZZZZZ	0615										
ZZZZZZ	0619										
ZZZZZZ	0622										
ZZZZZZ	0625										
ZZZZZZ	0628										
ZZZZZZ	0632										
ZZZZZZ	0635										
ZZZZZZ	0638										
ZZZZZZ	0641										
CCV016	0652	89		94		98		91		102	
CCB016	0656	94		97		101		101		105	
ZZZZZZ	0659										
ZZZZZZ	0703										
ZZZZZZ	0706										
ZZZZZZ	0709										
ZZZZZZ	0712										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	0715										
ZZZZZZ	0719										
ZZZZZZ	0722										
ZZZZZZ	0725										
ZZZZZZ	0728										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0739										
ZZZZZZ	0743										
ZZZZZZ	0746										
ZZZZZZ	0749										
ZZZZZZ	0752										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0805										
ZZZZZZ	0808										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
CCV017	0821	92		95		100		94		105	
CCB017	0824	93		95		100		101		104	
ZZZZZZ	0828										
ZZZZZZ	0831										
ZZZZZZ	0835										
ZZZZZZ	0838										
ZZZZZZ	0841										
ZZZZZZ	0857										
ZZZZZZ	0900										
ZZZZZZ	0907										
PMW-9D(2024	0910	94		98		101		96		106	
PMW-10(2024	0913	94		97		105		99		106	
ZZZZZZ	0916										
ZZZZZZ	0919										
ZZZZZZ	0923										
ZZZZZZ	0926										
ZZZZZZ	0929										
ZZZZZZ	0932										
ZZZZZZ	0936										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
CCV018	0943	91		96		100		94		104	
CCB018	0946	93		96		100		100		103	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	0254	100		100		100		100		100	
S02	0257	101		99		98		99		101	
S03	0301	102		100		99		100		100	
S04	0304	104		102		101		104		104	
S05	0307	104		104		101		105		106	
S06	0310	103		104		101		105		107	
S07	0313	107		106		102		109		111	
S08	0315	108		106		94		105		107	
ICV004	0321	108		107		106		103		105	
ICB004	0324	108		107		106		105		105	
ICSA004	0328	108		109		101		108		110	
ICSAB004	0331	110		108		104		109		110	
CCV014	0334	114		111		101		109		111	
CCB014	0337	107		108		107		106		108	
ZZZZZZ	0340										
ZZZZZZ	0343										
ZZZZZZ	0347										
ZZZZZZ	0355										
ZZZZZZ	0358										
ZZZZZZ	0401										
ZZZZZZ	0404										
ZZZZZZ	0407										
ZZZZZZ	0411										
ZZZZZZ	0414										
ZZZZZZ	0417										
ZZZZZZ	0420										
ZZZZZZ	0423										
ZZZZZZ	0426										
ZZZZZZ	0429										
ZZZZZZ	0433										
ZZZZZZ	0436										
ZZZZZZ	0439										
ZZZZZZ	0442										
ZZZZZZ	0445										
ZZZZZZ	0448										
ZZZZZZ	0451										
ZZZZZZ	0455										
ZZZZZZ	0458										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	0502										
ZZZZZZ	0505										
ZZZZZZ	0508										
CCV015	0511	99		101		94		103		105	
CCB015	0514	99		103		103		103		104	
ZZZZZZ	0517										
ZZZZZZ	0524										
ZZZZZZ	0527										
ZZZZZZ	0531										
ZZZZZZ	0534										
ZZZZZZ	0537										
ZZZZZZ	0540										
ZZZZZZ	0544										
ZZZZZZ	0547										
ZZZZZZ	0550										
ZZZZZZ	0553										
ZZZZZZ	0556										
ZZZZZZ	0600										
ZZZZZZ	0603										
ZZZZZZ	0606										
ZZZZZZ	0609										
ZZZZZZ	0612										
ZZZZZZ	0615										
ZZZZZZ	0619										
ZZZZZZ	0622										
ZZZZZZ	0625										
ZZZZZZ	0628										
ZZZZZZ	0632										
ZZZZZZ	0635										
ZZZZZZ	0638										
ZZZZZZ	0641										
CCV016	0652	94		98		92		103		105	
CCB016	0656	96		102		103		105		107	
ZZZZZZ	0659										
ZZZZZZ	0703										
ZZZZZZ	0706										
ZZZZZZ	0709										
ZZZZZZ	0712										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	0715										
ZZZZZZ	0719										
ZZZZZZ	0722										
ZZZZZZ	0725										
ZZZZZZ	0728										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0739										
ZZZZZZ	0743										
ZZZZZZ	0746										
ZZZZZZ	0749										
ZZZZZZ	0752										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0805										
ZZZZZZ	0808										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
CCV017	0821	94		97		91		104		105	
CCB017	0824	96		100		101		104		105	
ZZZZZZ	0828										
ZZZZZZ	0831										
ZZZZZZ	0835										
ZZZZZZ	0838										
ZZZZZZ	0841										
ZZZZZZ	0857										
ZZZZZZ	0900										
ZZZZZZ	0907										
PMW-9D(2024	0910	98		101		97		105		107	
PMW-10(2024	0913	97		104		101		105		108	
ZZZZZZ	0916										
ZZZZZZ	0919										
ZZZZZZ	0923										
ZZZZZZ	0926										
ZZZZZZ	0929										
ZZZZZZ	0932										
ZZZZZZ	0936										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
CCV018	0943	97		99		92		103		104	
CCB018	0946	96		101		101		103		106	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	0538	100		100							
S02	0542	101		100							
S03	0545	102		101							
S04	0548	101		100							
S05	0551	99		98							
S06	0554	98		97							
S07	0557	98		96							
S08	0600	91		82							
ICV012	0629	100		101							
ICB012	0640	99		100							
ICSA012	0644	97		93							
ICSAB012	0647	100		94							
CCV029	0650	99		93							
CCB029	0653	103		105							
ZZZZZZ	0658										
ZZZZZZ	0704										
ZZZZZZ	0713										
ZZZZZZ	0716										
ZZZZZZ	0719										
ZZZZZZ	0723										
ZZZZZZ	0726										
ZZZZZZ	0729										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0742										
ZZZZZZ	0745										
ZZZZZZ	0748										
ZZZZZZ	0753										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0803										
ZZZZZZ	0806										
ZZZZZZ	0809										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
ZZZZZZ	0821										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0824										
CCV030	0828	99		93							
CCB030	0830	101		103							
ZZZZZZ	0834										
ZZZZZZ	0837										
ZZZZZZ	0840										
ZZZZZZ	0909										
ZZZZZZ	0912										
ZZZZZZ	0915										
CCV031	0919	99		93							
CCB031	0921	101		104							
PBW911	1010	98		97							
LCS911	1013	99		98							
PMW-1(20240	1016	98		97							
PMW-2(20240	1019	98		96							
PMW-9S(2024	1023	88		80							
PMW-9D(2024	1026	96		90							
PMW-8S(2024	1029	101		100							
PMW-8D(2024	1032	100		99							
DUP(2024092	1035	90		82							
CCV032	1038	100		94							
CCB032	1041	103		106							
PMW-10(2024	1044	99		93							
PMW-5(20240	1047	103		103							
MW-1(MCUA)(	1051	102		102							
PMW-3(20240	1054	99		96							
PMW-4(20240	1057	100		99							
PMW-6(20240	1100	101		99							
PMW-7S(2024	1103	101		99							
PMW-7D(2024	1107	102		101							
PMW-7D(2024	1110	102		100							
PMW-7D(2024	1113	104		104							
PMW-7D(2024	1116	102		99							
MW-2(MCUA)(	1119	103		102							
FB(20240925	1122	104		105							
FB(20240926	1126	104		105							
FB(20240927	1129	105		105							

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
EB(20240927	1132	104		103							
ZZZZZZ	1150										
CCV033	1158	97		91							
CCB033	1201	105		106							
MW-2(MCUA)(	1230	104		102							
PMW-6(20240	1234	104		103							
ZZZZZZ	1256										
CCV034	1259	100		94							
CCB034	1301	106		108							

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	0538	100									
S02	0542	101									
S03	0545	101									
S04	0548	101									
S05	0551	98									
S06	0554	96									
S07	0557	95									
S08	0600	82									
ICV012	0629	100									
ICB012	0640	101									
ICSA012	0644	91									
ICSAB012	0647	93									
CCV029	0650	90									
CCB029	0653	105									
ZZZZZZ	0658										
ZZZZZZ	0704										
ZZZZZZ	0713										
ZZZZZZ	0716										
ZZZZZZ	0719										
ZZZZZZ	0723										
ZZZZZZ	0726										
ZZZZZZ	0729										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0742										
ZZZZZZ	0745										
ZZZZZZ	0748										
ZZZZZZ	0753										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0803										
ZZZZZZ	0806										
ZZZZZZ	0809										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
ZZZZZZ	0821										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0824										
CCV030	0828	92									
CCB030	0830	99									
ZZZZZZ	0834										
ZZZZZZ	0837										
ZZZZZZ	0840										
ZZZZZZ	0909										
ZZZZZZ	0912										
ZZZZZZ	0915										
CCV031	0919	90									
CCB031	0921	101									
PBW911	1010	98									
LCS911	1013	98									
PMW-1(20240	1016	99									
PMW-2(20240	1019	96									
PMW-9S(2024	1023	80									
PMW-9D(2024	1026	84									
PMW-8S(2024	1029	97									
PMW-8D(2024	1032	97									
DUP(2024092	1035	80									
CCV032	1038	91									
CCB032	1041	101									
PMW-10(2024	1044	92									
PMW-5(20240	1047	101									
MW-1(MCUA)(	1051	99									
PMW-3(20240	1054	95									
PMW-4(20240	1057	99									
PMW-6(20240	1100	100									
PMW-7S(2024	1103	97									
PMW-7D(2024	1107	98									
PMW-7D(2024	1110	100									
PMW-7D(2024	1113	101									
PMW-7D(2024	1116	98									
MW-2(MCUA)(	1119	100									
FB(20240925	1122	102									
FB(20240926	1126	103									
FB(20240927	1129	104									

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Run Batch: LB132796 End Date : 10/06/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
EB(20240927	1132	103									
ZZZZZZ	1150										
CCV033	1158	88									
CCB033	1201	103									
MW-2(MCUA)(	1230	100									
PMW-6(20240	1234	101									
ZZZZZZ	1256										
CCV034	1259	89									
CCB034	1301	103									

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	0254	100		100							
S02	0257	101		99							
S03	0301	99		98							
S04	0304	104		103							
S05	0307	105		104							
S06	0310	109		105							
S07	0313	110		107							
S08	0315	106		94							
ICV004	0321	102		100							
ICB004	0324	102		102							
ICSA004	0328	107		101							
ICSAB004	0331	110		103							
CCV014	0334	111		102							
CCB014	0337	105		105							
ZZZZZZ	0340										
ZZZZZZ	0343										
ZZZZZZ	0347										
ZZZZZZ	0355										
ZZZZZZ	0358										
ZZZZZZ	0401										
ZZZZZZ	0404										
ZZZZZZ	0407										
ZZZZZZ	0411										
ZZZZZZ	0414										
ZZZZZZ	0417										
ZZZZZZ	0420										
ZZZZZZ	0423										
ZZZZZZ	0426										
ZZZZZZ	0429										
ZZZZZZ	0433										
ZZZZZZ	0436										
ZZZZZZ	0439										
ZZZZZZ	0442										
ZZZZZZ	0445										
ZZZZZZ	0448										
ZZZZZZ	0451										
ZZZZZZ	0455										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0458										
ZZZZZZ	0502										
ZZZZZZ	0505										
ZZZZZZ	0508										
CCV015	0511	108		101							
CCB015	0514	104		104							
ZZZZZZ	0517										
ZZZZZZ	0524										
ZZZZZZ	0527										
ZZZZZZ	0531										
ZZZZZZ	0534										
ZZZZZZ	0537										
ZZZZZZ	0540										
ZZZZZZ	0544										
ZZZZZZ	0547										
ZZZZZZ	0550										
ZZZZZZ	0553										
ZZZZZZ	0556										
ZZZZZZ	0600										
ZZZZZZ	0603										
ZZZZZZ	0606										
ZZZZZZ	0609										
ZZZZZZ	0612										
ZZZZZZ	0615										
ZZZZZZ	0619										
ZZZZZZ	0622										
ZZZZZZ	0625										
ZZZZZZ	0628										
ZZZZZZ	0632										
ZZZZZZ	0635										
ZZZZZZ	0638										
ZZZZZZ	0641										
CCV016	0652	104		97							
CCB016	0656	106		107							
ZZZZZZ	0659										
ZZZZZZ	0703										
ZZZZZZ	0706										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0709										
ZZZZZZ	0712										
ZZZZZZ	0715										
ZZZZZZ	0719										
ZZZZZZ	0722										
ZZZZZZ	0725										
ZZZZZZ	0728										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0739										
ZZZZZZ	0743										
ZZZZZZ	0746										
ZZZZZZ	0749										
ZZZZZZ	0752										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0805										
ZZZZZZ	0808										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
CCV017	0821	107		100							
CCB017	0824	105		108							
ZZZZZZ	0828										
ZZZZZZ	0831										
ZZZZZZ	0835										
ZZZZZZ	0838										
ZZZZZZ	0841										
ZZZZZZ	0857										
ZZZZZZ	0900										
ZZZZZZ	0907										
PMW-9D(2024	0910	107		103							
PMW-10(2024	0913	107		105							
ZZZZZZ	0916										
ZZZZZZ	0919										
ZZZZZZ	0923										
ZZZZZZ	0926										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0929										
ZZZZZZ	0932										
ZZZZZZ	0936										
CCV018	0943	105		99							
CCB018	0946	104		106							

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	0254	100									
S02	0257	100									
S03	0301	100									
S04	0304	102									
S05	0307	103									
S06	0310	103									
S07	0313	104									
S08	0315	93									
ICV004	0321	103									
ICB004	0324	104									
ICSA004	0328	101									
ICSAB004	0331	101									
CCV014	0334	100									
CCB014	0337	106									
ZZZZZZ	0340										
ZZZZZZ	0343										
ZZZZZZ	0347										
ZZZZZZ	0355										
ZZZZZZ	0358										
ZZZZZZ	0401										
ZZZZZZ	0404										
ZZZZZZ	0407										
ZZZZZZ	0411										
ZZZZZZ	0414										
ZZZZZZ	0417										
ZZZZZZ	0420										
ZZZZZZ	0423										
ZZZZZZ	0426										
ZZZZZZ	0429										
ZZZZZZ	0433										
ZZZZZZ	0436										
ZZZZZZ	0439										
ZZZZZZ	0442										
ZZZZZZ	0445										
ZZZZZZ	0448										
ZZZZZZ	0451										
ZZZZZZ	0455										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0458										
ZZZZZZ	0502										
ZZZZZZ	0505										
ZZZZZZ	0508										
CCV015	0511	98									
CCB015	0514	105									
ZZZZZZ	0517										
ZZZZZZ	0524										
ZZZZZZ	0527										
ZZZZZZ	0531										
ZZZZZZ	0534										
ZZZZZZ	0537										
ZZZZZZ	0540										
ZZZZZZ	0544										
ZZZZZZ	0547										
ZZZZZZ	0550										
ZZZZZZ	0553										
ZZZZZZ	0556										
ZZZZZZ	0600										
ZZZZZZ	0603										
ZZZZZZ	0606										
ZZZZZZ	0609										
ZZZZZZ	0612										
ZZZZZZ	0615										
ZZZZZZ	0619										
ZZZZZZ	0622										
ZZZZZZ	0625										
ZZZZZZ	0628										
ZZZZZZ	0632										
ZZZZZZ	0635										
ZZZZZZ	0638										
ZZZZZZ	0641										
CCV016	0652	96									
CCB016	0656	107									
ZZZZZZ	0659										
ZZZZZZ	0703										
ZZZZZZ	0706										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0709										
ZZZZZZ	0712										
ZZZZZZ	0715										
ZZZZZZ	0719										
ZZZZZZ	0722										
ZZZZZZ	0725										
ZZZZZZ	0728										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0739										
ZZZZZZ	0743										
ZZZZZZ	0746										
ZZZZZZ	0749										
ZZZZZZ	0752										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0805										
ZZZZZZ	0808										
ZZZZZZ	0812										
ZZZZZZ	0815										
ZZZZZZ	0818										
CCV017	0821	97									
CCB017	0824	106									
ZZZZZZ	0828										
ZZZZZZ	0831										
ZZZZZZ	0835										
ZZZZZZ	0838										
ZZZZZZ	0841										
ZZZZZZ	0857										
ZZZZZZ	0900										
ZZZZZZ	0907										
PMW-9D(2024	0910	100									
PMW-10(2024	0913	104									
ZZZZZZ	0916										
ZZZZZZ	0919										
ZZZZZZ	0923										
ZZZZZZ	0926										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrev MA No.: SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Run Batch: LB133124 End Date : 10/25/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	0929										
ZZZZZZ	0932										
ZZZZZZ	0936										
CCV018	0943	95									
CCB018	0946	106									

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: 30184323.00C SDG No.: P4227

Instrument ID: P7 Start Date: 10/06/2024

Analytical Method: ICP-MS Run Batch: LB132796

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	19	-5	1000	1000	0
Antimony	0	0.0	0	2	2.0	0	50	52	4
Arsenic	0	0.0	0	1	0.98	-2	50	53	6
Beryllium	0	0.0	0	1	1.1	10	50	54	8
Cadmium	0	0.0	0	1	1.1	10	50	55	10
Chromium	0	0.0	0	2	2.0	0	50	52	4
Iron	0	0.0	0	50	58	16	2500	2800	12
Lead	0	0.0	0	1	0.84	-16	250	230	-8
Manganese	0	0.0	0	1	1.0	0	500	520	4
Nickel	0	0.0	0	1	1.1	10	50	54	8
Thallium	0	0.0	0	1	0.85	-15	50	44	-12

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: 30184323.00C SDG No.: P4227

Instrument ID: P7 Start Date: 10/06/2024

Analytical Method: ICP-MS Run Batch: LB132796

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2600	4	5000	5200	4	10000	10000	0
Antimony	125	130	4	250	260	4	500	500	0
Arsenic	125	130	4	250	250	0	500	500	0
Beryllium	125	140	12	250	260	4	500	500	0
Cadmium	125	140	12	250	260	4	500	500	0
Chromium	125	130	4	250	260	4	500	510	2
Iron	6250	7100	14	12500	14000	12	25000	27000	8
Lead	625	630	1	1250	1200	-4	2500	2400	-4
Manganese	1250	1300	4	2500	2500	0	5000	5000	0
Nickel	125	130	4	250	260	4	500	500	0
Thallium	125	120	-4	250	240	-4	500	490	-2

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: 30184323.00C SDG No.: P4227

Instrument ID: P7 Start Date: 10/06/2024

Analytical Method: ICP-MS Run Batch: LB132796

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	20000	0	100000	100000	0			
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Beryllium	1000	1000	0						
Cadmium	1000	990	-1						
Chromium	1000	990	-1						
Iron	50000	52000	4	250000	250000	0			
Lead	5000	5000	0						
Manganese	10000	10000	0						
Nickel	1000	990	-1						
Thallium	1000	1000	0						

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: 30184323.00C SDG No.: P4227

Instrument ID: P7 Start Date: 10/25/2024

Analytical Method: ICP-MS Run Batch: LB133124

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	20	0	1000	1000	0
Antimony	0	0.0	0	2	2.0	0	50	50	0
Arsenic	0	0.0	0	1	0.96	-4	50	50	0
Beryllium	0	0.0	0	1	1.1	10	50	55	10
Cadmium	0	0.0	0	1	1.1	10	50	52	4
Chromium	0	0.0	0	2	2.1	5	50	52	4
Iron	0	0.0	0	50	58	16	2500	2800	12
Lead	0	0.0	0	1	0.86	-14	250	240	-4
Manganese	0	0.0	0	1	1.1	10	500	510	2
Nickel	0	0.0	0	1	1.1	10	50	52	4
Thallium	0	0.0	0	1	0.86	-14	50	46	-8

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: 30184323.00C SDG No.: P4227

Instrument ID: P7 Start Date: 10/25/2024

Analytical Method: ICP-MS Run Batch: LB133124

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2600	4	5000	4900	-2	10000	9800	-2
Antimony	125	130	4	250	260	4	500	500	0
Arsenic	125	130	4	250	250	0	500	490	-2
Beryllium	125	140	12	250	270	8	500	530	6
Cadmium	125	130	4	250	260	4	500	500	0
Chromium	125	130	4	250	260	4	500	500	0
Iron	6250	7100	14	12500	13000	4	25000	26000	4
Lead	625	620	-1	1250	1200	-4	2500	2500	0
Manganese	1250	1300	4	2500	2500	0	5000	5000	0
Nickel	125	130	4	250	260	4	500	500	0
Thallium	125	120	-4	250	240	-4	500	500	0

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: 30184323.00C SDG No.: P4227

Instrument ID: P7 Start Date: 10/25/2024

Analytical Method: ICP-MS Run Batch: LB133124

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	19000	-5	100000	100000	0			
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Beryllium	1000	980	-2						
Cadmium	1000	1000	0						
Chromium	1000	1000	0						
Iron	50000	51000	2	250000	250000	0			
Lead	5000	5000	0						
Manganese	10000	10000	0						
Nickel	1000	1000	0						
Thallium	1000	1000	0						

FORM 16-IN

INITIAL CALIBRATION SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrevil MA No.: 30184323.0001 SDG No.: P4227

Instrument ID: P7 Start Date : 10/06/2024

Analytical Method: ICP-MS Run Batch : LB132796

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999990	0.000278	0.000149	Lin. Reg	NONE
Antimony	0.999932	0.000438	0.000004	Lin. Reg	NONE
Arsenic	0.999960	0.000107	0.000004	Lin. Reg	NONE
Barium	0.999952	0.000207	0.000004	Lin. Reg	NONE
Beryllium	0.999931	0.000506	0.000027	Lin. Reg	NONE
Cadmium	0.999840	0.000106	0.000155	Lin. Reg	NONE
Calcium	0.999990	0.000048	0.000633	Lin. Reg	NONE
Chromium	0.999924	0.004663	0.000690	Lin. Reg	NONE
Cobalt	0.999931	0.007076	0.000107	Lin. Reg	NONE
Copper	0.999944	0.004961	0.001144	Lin. Reg	NONE
Iron	0.999938	0.000101	0.001657	Lin. Reg	NONE
Lead	0.999902	0.002449	0.000139	Lin. Reg	NONE
Magnesium	0.999993	0.000446	0.000790	Lin. Reg	NONE
Manganese	0.999991	0.003653	0.000545	Lin. Reg	NONE
Molybdenum	0.999990	0.000474	0.000005	Lin. Reg	NONE
Nickel	0.999913	0.001744	0.000145	Lin. Reg	NONE
Potassium	0.999988	0.000554	0.072362	Lin. Reg	NONE
Selenium	0.999966	0.000008	0.000028	Lin. Reg	NONE
Silver	0.999731	0.000510	0.000005	Lin. Reg	NONE
Sodium	0.999999	0.000742	0.016752	Lin. Reg	NONE
Strontium	0.999959	0.001598	0.000013	Lin. Reg	NONE
Thallium	0.999854	0.001829	0.000028	Lin. Reg	NONE
Uranium	0.999810	0.002553	0.000001	Lin. Reg	NONE
Vanadium	0.999954	0.004202	0.000009	Lin. Reg	NONE
Zinc	0.999870	0.000846	0.000639	Lin. Reg	NONE

FORM 16-IN

INITIAL CALIBRATION SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrevil MA No.: 30184323.0001 SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Analytical Method: ICP-MS Run Batch : LB133124

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.999963	0.000526	0.002223	Lin. Reg	NONE
Antimony	0.999967	0.000944	0.000005	Lin. Reg	NONE
Arsenic	0.999976	0.000158	0.000003	Lin. Reg	NONE
Barium	0.999980	0.000423	0.000019	Lin. Reg	NONE
Beryllium	0.998932	0.001095	0.000028	Lin. Reg	NONE
Cadmium	0.999954	0.000242	0.000182	Lin. Reg	NONE
Calcium	0.999888	0.000092	0.004602	Lin. Reg	NONE
Chromium	0.999917	0.009365	0.002600	Lin. Reg	NONE
Cobalt	0.999963	0.014286	0.000477	Lin. Reg	NONE
Copper	0.999947	0.010163	0.004016	Lin. Reg	NONE
Iron	0.999986	0.000197	0.004303	Lin. Reg	NONE
Lead	0.999986	0.004802	0.000270	Lin. Reg	NONE
Magnesium	0.999980	0.000886	0.002094	Lin. Reg	NONE
Manganese	0.999991	0.006774	0.002492	Lin. Reg	NONE
Molybdenum	0.999988	0.000641	0.000016	Lin. Reg	NONE
Nickel	0.999967	0.003678	0.000624	Lin. Reg	NONE
Potassium	0.999951	0.001119	0.133792	Lin. Reg	NONE
Selenium	0.999978	0.000012	0.000028	Lin. Reg	NONE
Silver	0.999869	0.001211	0.000005	Lin. Reg	NONE
Sodium	0.999999	0.001510	0.069278	Lin. Reg	NONE
Strontium	0.999993	0.002054	0.000059	Lin. Reg	NONE
Thallium	0.999978	0.003557	0.000127	Lin. Reg	NONE
Uranium	0.999971	0.004771	0.000022	Lin. Reg	NONE
Vanadium	0.999885	0.008268	0.000114	Lin. Reg	NONE
Zinc	0.999927	0.001593	0.002315	Lin. Reg	NONE

FORM 16-IN

INITIAL CALIBRATION SUMMARY

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

Lab Code: ACE Case No.: ARC Sayrevil MA No.: 30184323.0001 SDG No.: P4227

Instrument ID: P7 Start Date : 10/25/2024

Analytical Method: ICP-MS Run Batch : LB133124

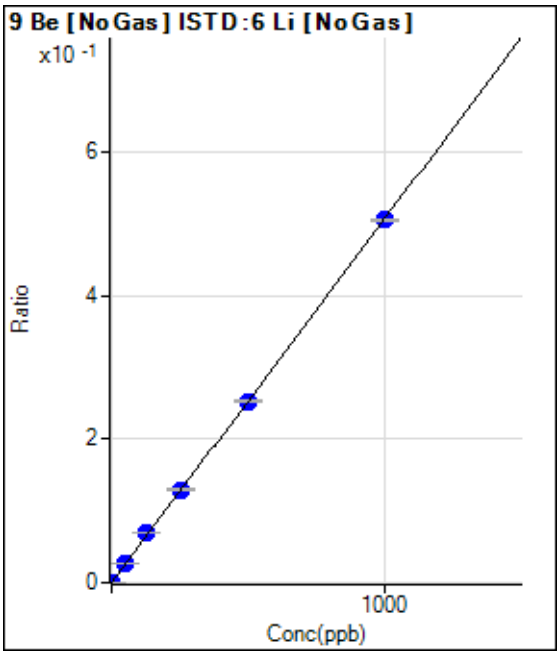
Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100624-MS2.b\
Analysis File: P7100624-MS2.batch.bin
DA Date-Time: 2024-10-06 22:02:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-06 05:38:59
2	005CALS.d	S02	2024-10-06 05:42:16
3	006CALS.d	S03	2024-10-06 05:45:35
4	007CALS.d	S04	2024-10-06 05:48:42
5	008CALS.d	S05	2024-10-06 05:51:41
6	009CALS.d	S06	2024-10-06 05:54:32
7	010CALS.d	S07	2024-10-06 05:57:22
8	011CALS.d	S08	2024-10-06 06:00:07

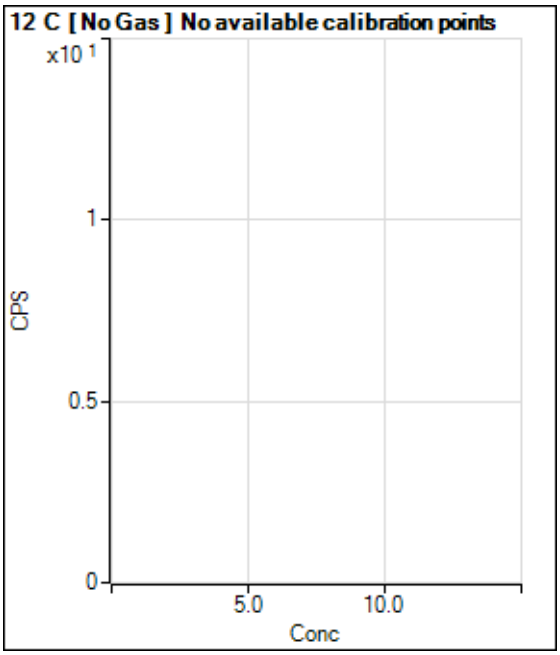
Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0000	P	18.1
2	☐	1.000	1.084	1227.84	0.0006	P	1.2
3	☐	50.000	53.992	58137.01	0.0274	P	1.7
4	☐	125.000	136.025	146727.75	0.0689	P	0.7
5	☐	250.000	255.517	271630.86	0.1294	P	0.9
6	☐	500.000	498.213	513399.63	0.2522	P	1.1
7	☐	1000.000	997.937	1012553.61	0.5052	P	0.8
8	☐			290.01	0.0002	P	15.0

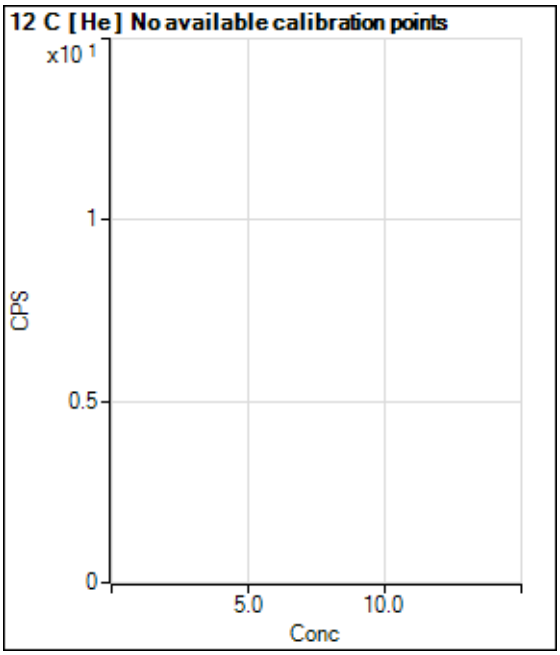
y = 5.0618E-004 * x + 2.7291E-005
R = 0.9999
DL = 0.02928
BEC = 0.05392

Weight: <None>
Min Conc: 0

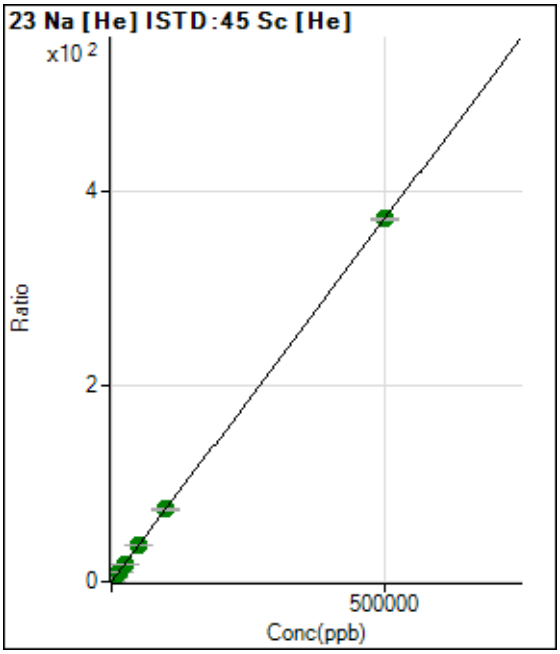


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7



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

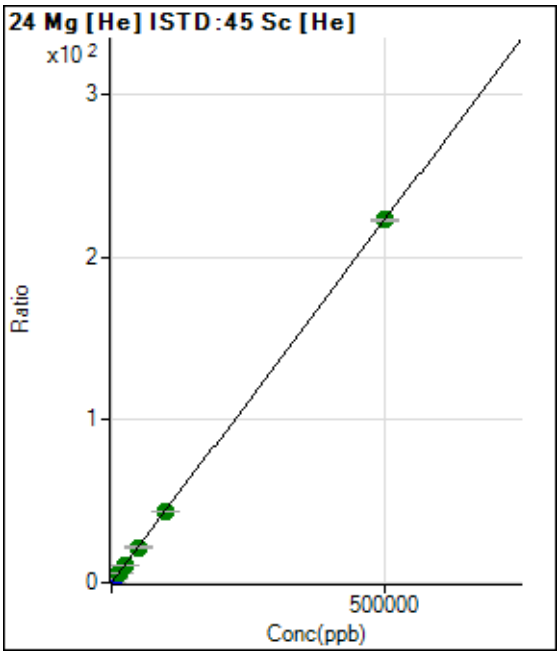


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8367.88	0.0168	P	0.2
2	☐	500.000	495.861	191708.39	0.3846	P	0.7
3	☐	5000.000	4891.716	1799778.39	3.6461	A	1.1
4	☐	12500.000	12387.160	4401521.81	9.2072	A	0.2
5	☐	25000.000	24734.001	8132922.10	18.3677	A	0.9
6	☐	50000.000	49273.732	15717883.93	36.5745	A	0.3
7	☐	100000.00	99668.196	32154168.69	73.9638	A	0.7
8	☐	500000.00	500156.19	159558018.7	371.0988	A	0.5

y = 7.4193E-004 * x + 0.0168
R = 1.0000
DL = 0.1366
BEC = 22.58

Weight: <None>
Min Conc: 0

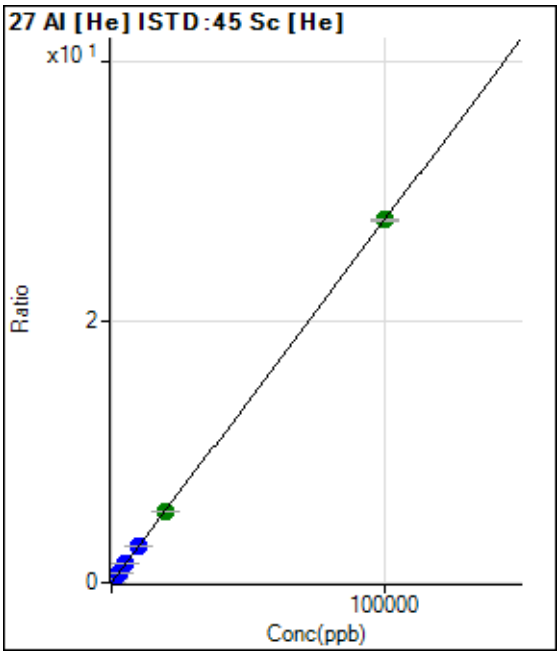
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On:10/7/2024 11:35:34 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	394.45	0.0008	P	4.9
2	☐	500.000	527.119	117438.11	0.2356	P	0.5
3	☐	5000.000	5169.850	1137297.84	2.3040	P	0.5
4	☐	12500.000	12587.649	2681146.44	5.6086	A	0.5
5	☐	25000.000	24900.001	4911878.26	11.0938	A	1.3
6	☐	50000.000	49057.157	9392466.60	21.8559	A	0.7
7	☐	100000.00	98546.976	19086106.25	43.9038	A	0.8
8	☐	500000.00	500385.97	95847226.35	222.9245	A	0.5

y = 4.4550E-004 * x + 7.8980E-004
R = 1.0000
DL = 0.26
BEC = 1.773

Weight: <None>
Min Conc: 0

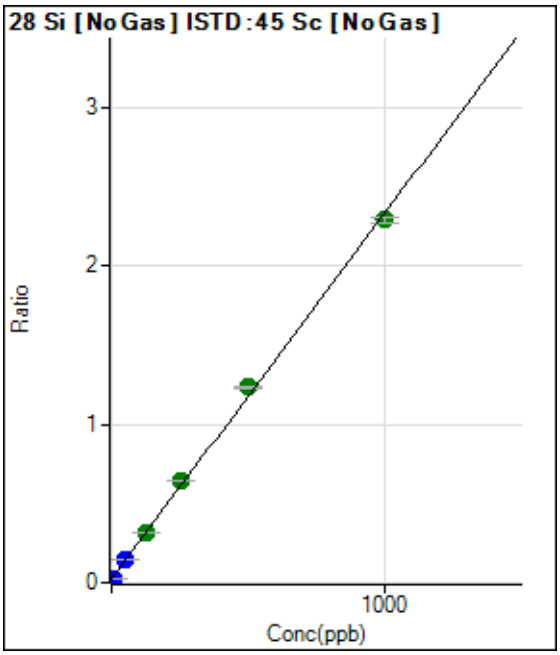


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0001	P	2.7
2	☐	20.000	19.039	2711.37	0.0054	P	5.2
3	☐	1000.000	1039.732	142696.53	0.2891	P	0.8
4	☐	2500.000	2606.713	346330.23	0.7245	P	1.1
5	☐	5000.000	5177.523	637114.15	1.4389	P	1.0
6	☐	10000.000	10138.606	1210845.54	2.8176	P	0.1
7	☐	20000.000	19669.032	2376268.32	5.4660	A	0.5
8	☐	100000.00	100040.39	11952994.96	27.8004	A	0.2

y = 2.7789E-004 * x + 1.4903E-004
R = 1.0000
DL = 0.04374
BEC = 0.5363

Weight: <None>
Min Conc: 0

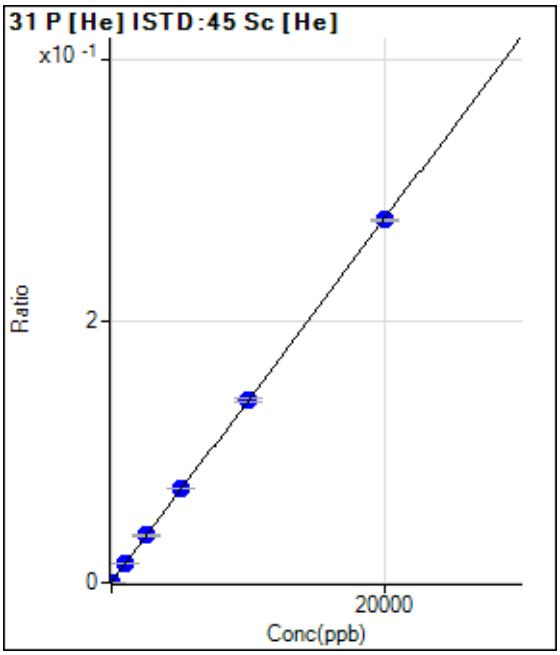
Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152639.21	0.0254	P	0.9
2	☐	10.000	1.187	169079.14	0.0281	P	1.1
3	☐	50.000	50.703	844943.90	0.1424	P	1.0
4	☐	125.000	125.426	1806050.51	0.3147	A	1.7
5	☐	250.000	268.417	3513688.52	0.6446	A	0.6
6	☐	500.000	525.410	6345227.61	1.2374	A	1.1
7	☐	1000.000	982.690	11682027.05	2.2923	A	1.8
8	☐			192571.27	0.0386	P	0.9

y = 0.0023 * x + 0.0254
R = 0.9992
DL = 0.3015
BEC = 11.01

Weight: <None>
Min Conc: 0

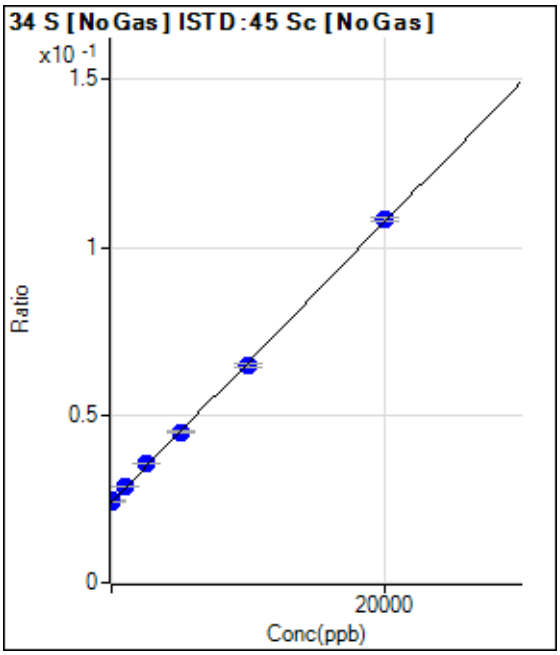


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.466	101.11	0.0002	P	13.1
2	☐	0.000	16.466	328.90	0.0007	P	9.2
3	☐	1000.000	1037.456	7325.16	0.0148	P	2.7
4	☐	2500.000	2564.619	17229.78	0.0360	P	2.6
5	☐	5000.000	5161.090	31931.08	0.0721	P	0.4
6	☐	10000.000	10044.059	60129.76	0.1399	P	1.8
7	☐	20000.000	19927.748	120504.65	0.2772	P	0.3
8	☐			164.45	0.0004	P	10.0

y = 1.3888E-005 * x + 4.3104E-004
R = 1.0000
DL = 9.387
BEC = 31.04

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	61.426	146780.68	0.0244	P	0.7
2	☐	0.000	-61.426	143685.71	0.0239	P	0.8
3	☐	1000.000	1045.122	169368.29	0.0285	P	0.6
4	☐	2500.000	2702.903	203464.56	0.0355	P	0.4
5	☐	5000.000	4952.388	244432.13	0.0448	P	1.2
6	☐	10000.000	9716.772	331898.21	0.0647	P	1.2
7	☐	20000.000	20125.898	551299.22	0.1082	P	0.9
8	☐			118087.29	0.0237	P	2.1

y = 4.1734E-006 * x + 0.0242

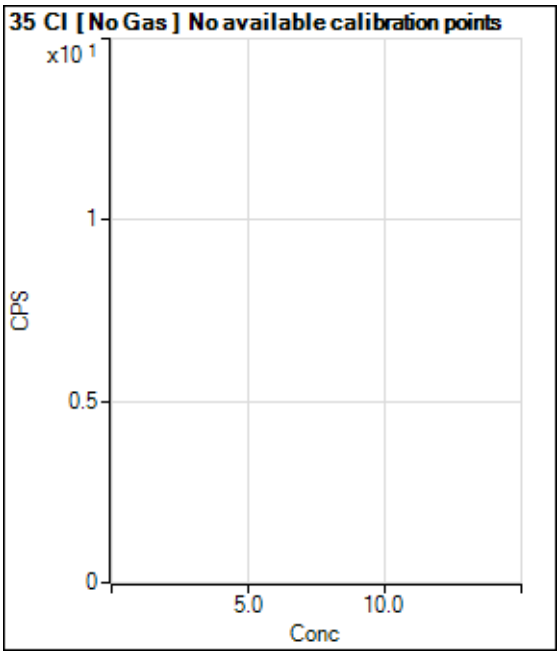
R = 0.9998

DL = 137.6

BEC = 5793

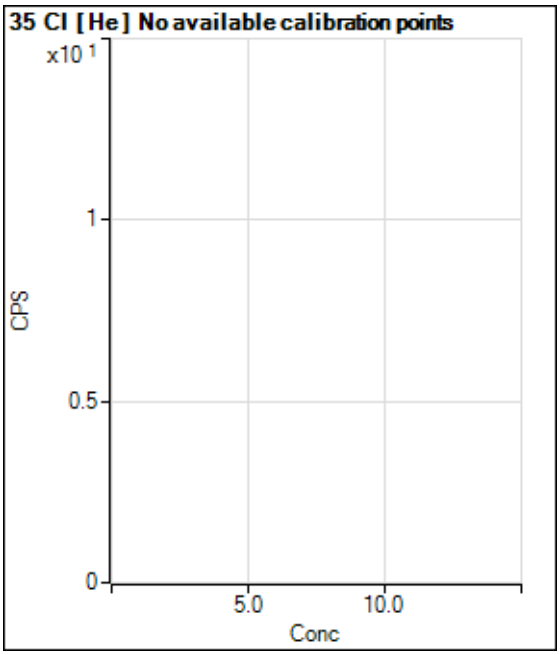
Weight: <None>

Min Conc: 0

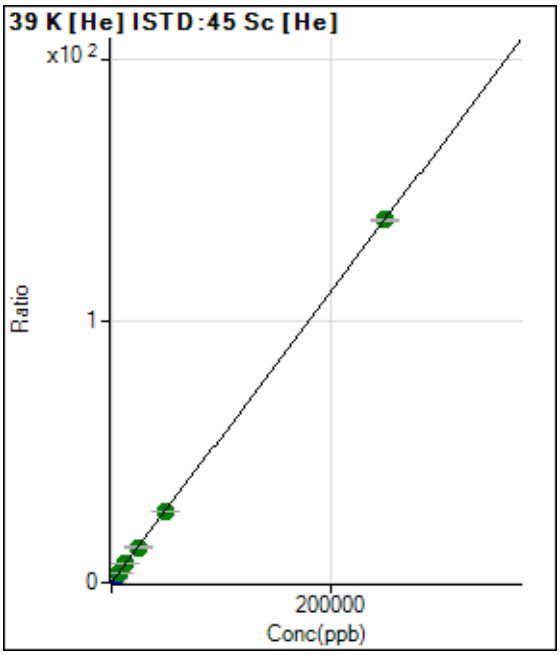


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7



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

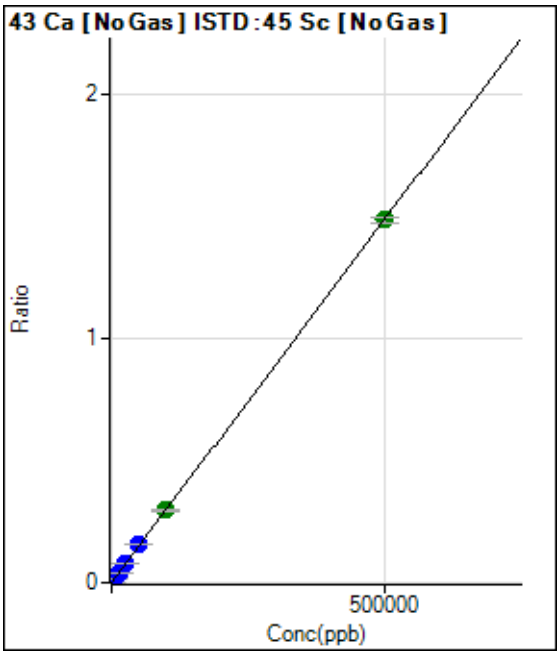


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36143.95	0.0724	P	1.9
2	☐	500.000	516.901	178714.13	0.3586	P	0.4
3	☐	2500.000	2726.648	780954.42	1.5821	P	0.7
4	☐	6250.000	6350.924	1715533.17	3.5888	A	1.1
5	☐	12500.000	12543.513	3107423.25	7.0176	A	0.3
6	☐	25000.000	24388.944	5834415.61	13.5763	A	0.3
7	☐	50000.000	49081.731	11845718.30	27.2484	A	0.6
8	☐	250000.00	250237.76	59603595.22	138.6264	A	0.2

y = 5.5369E-004 * x + 0.0724
R = 1.0000
DL = 7.343
BEC = 130.7

Weight: <None>
Min Conc: 0

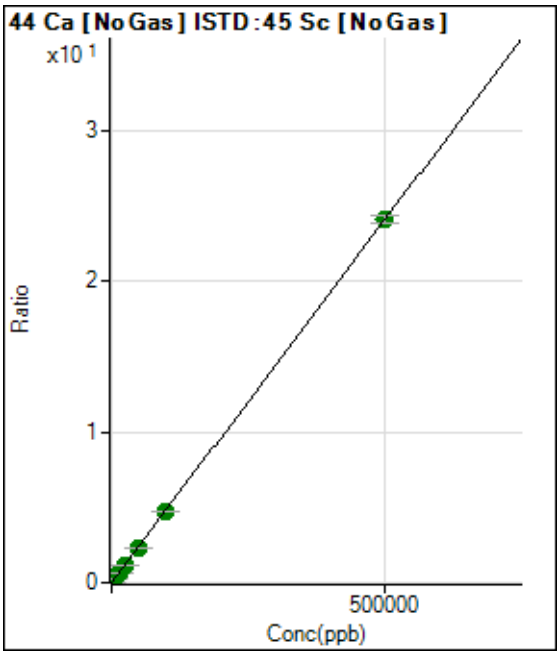
Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	228.84	0.0000	P	13.7
2	☐	500.000	520.822	9538.85	0.0016	P	2.4
3	☐	5000.000	5413.460	95836.77	0.0161	P	1.3
4	☐	12500.000	13770.460	235374.20	0.0410	P	1.0
5	☐	25000.000	26434.075	429005.52	0.0787	P	0.9
6	☐	50000.000	52330.148	798726.30	0.1558	P	1.4
7	☐	100000.00	99824.223	1514137.75	0.2971	A	1.7
8	☐	500000.00	499694.52	7419528.80	1.4871	A	1.7

y = 2.9760E-006 * x + 3.8081E-005
R = 1.0000
DL = 5.257
BEC = 12.8

Weight: <None>
Min Conc: 0

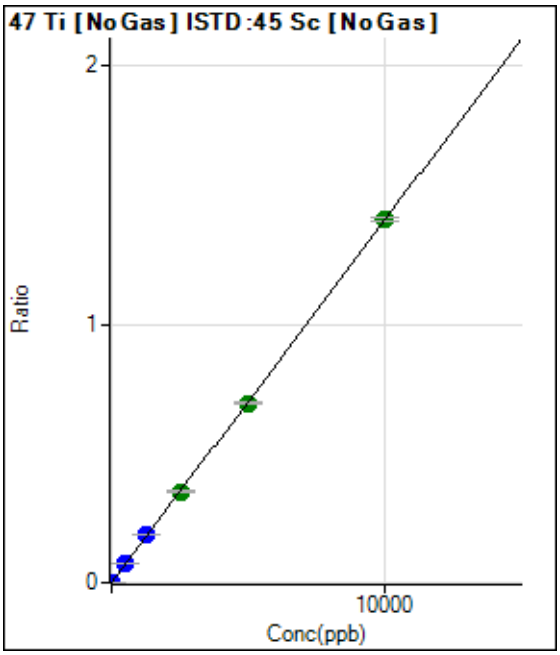


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3802.27	0.0006	P	1.1
2	☐	500.000	514.659	152273.28	0.0253	P	1.3
3	☐	5000.000	5006.283	1430654.17	0.2411	A	0.9
4	☐	12500.000	12640.400	3487182.90	0.6077	A	1.8
5	☐	25000.000	24577.798	6437426.66	1.1810	A	1.0
6	☐	50000.000	48318.731	11902257.83	2.3212	A	1.4
7	☐	100000.00	98480.763	24107171.55	4.7302	A	1.4
8	☐	500000.00	500489.49	119922037.3	24.0370	A	2.1

y = 4.8026E-005 * x + 6.3290E-004
R = 1.0000
DL = 0.4367
BEC = 13.18

Weight: <None>
Min Conc: 0

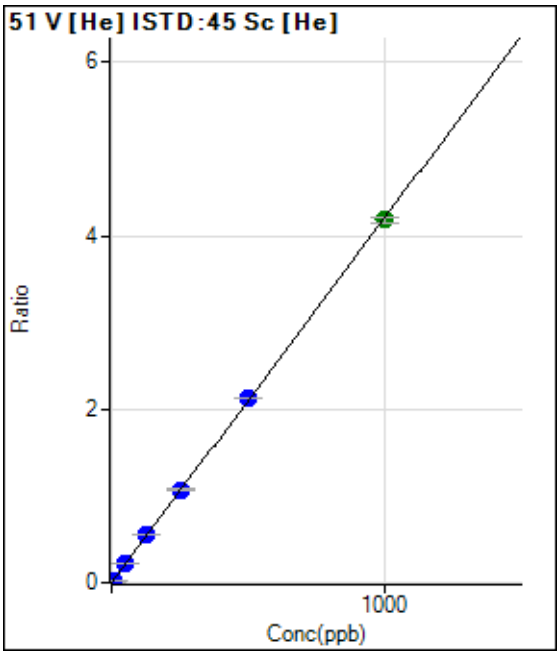
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95.55	0.0000	P	3.5
2	☐	5.000	4.901	4223.96	0.0007	P	3.4
3	☐	500.000	513.464	427464.01	0.0720	P	1.2
4	☐	1250.000	1321.731	1063761.38	0.1854	P	1.3
5	☐	2500.000	2508.771	1917895.68	0.3519	A	1.7
6	☐	5000.000	4943.154	3554826.72	0.6933	A	1.3
7	☐	10000.000	10016.591	7159888.30	1.4048	A	0.9
8	☐			1616.77	0.0003	P	7.5

y = 1.4025E-004 * x + 1.5904E-005
R = 0.9999
DL = 0.01204
BEC = 0.1134

Weight: <None>
Min Conc: 0

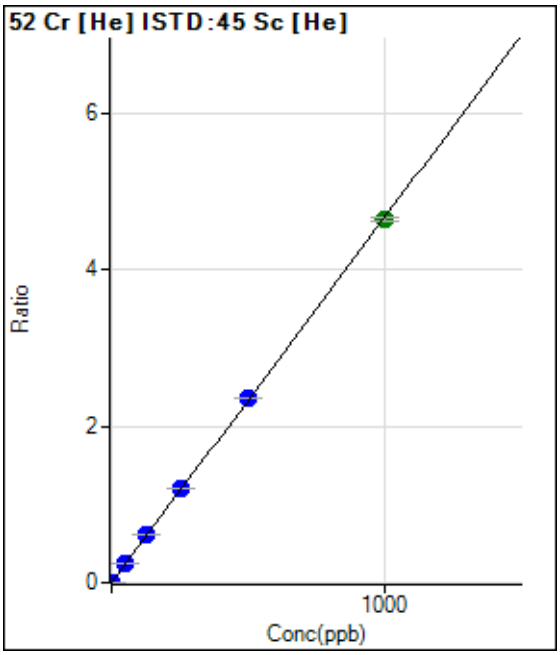


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	5.000	5.124	10735.00	0.0215	P	2.8
3	☐	50.000	51.759	107360.23	0.2175	P	0.5
4	☐	125.000	129.887	260890.00	0.5458	P	0.9
5	☐	250.000	255.717	475766.77	1.0745	P	0.6
6	☐	500.000	505.553	912905.17	2.1243	P	0.2
7	☐	1000.000	995.095	1817697.79	4.1813	A	1.3
8	☐			392.23	0.0009	P	18.1

y = 0.0042 * x + 8.9125E-006
R = 1.0000
DL = 0.007282
BEC = 0.002121

Weight: <None>
Min Conc: 0

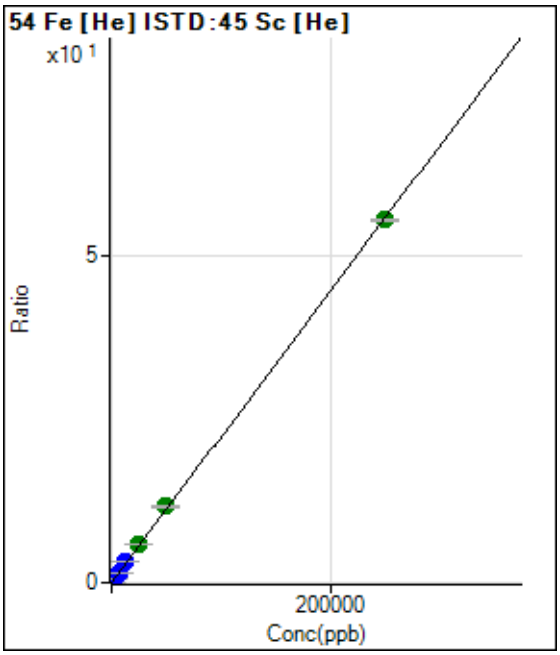
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.45	0.0007	P	13.0
2	☐	2.000	2.041	5086.46	0.0102	P	3.3
3	☐	50.000	52.351	120836.77	0.2448	P	0.6
4	☐	125.000	131.190	292727.30	0.6124	P	1.7
5	☐	250.000	258.350	533721.57	1.2053	P	1.0
6	☐	500.000	506.269	1014777.37	2.3613	P	0.1
7	☐	1000.000	993.887	2014969.57	4.6350	A	0.9
8	☐			8098.92	0.0188	P	1.0

y = 0.0047 * x + 6.8974E-004
R = 0.9999
DL = 0.05748
BEC = 0.1479

Weight: <None>
Min Conc: 0

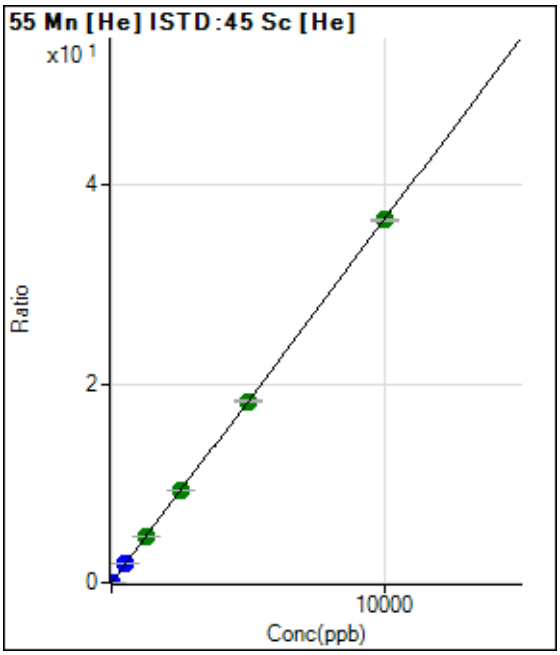


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	997.83	0.0020	P	6.9
2	☐	50.000	57.388	7346.31	0.0147	P	3.9
3	☐	2500.000	2865.828	315023.65	0.6382	P	1.1
4	☐	6250.000	7178.385	762714.00	1.5955	P	0.5
5	☐	12500.000	14170.943	1393743.99	3.1478	P	1.1
6	☐	25000.000	26253.076	2505418.80	5.8300	A	0.5
7	☐	50000.000	52245.906	5042997.84	11.6001	A	0.4
8	☐	250000.00	249315.09	23796996.03	55.3478	A	0.5

y = 2.2199E-004 * x + 0.0020
R = 0.9999
DL = 1.859
BEC = 8.999

Weight: <None>
Min Conc: 0

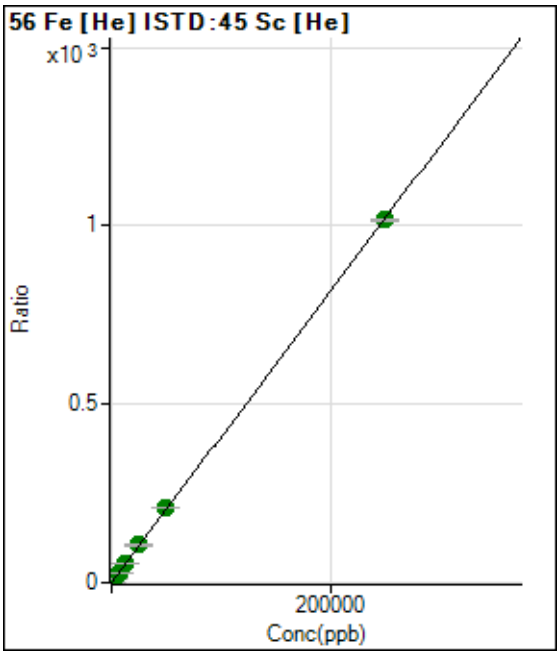
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.23	0.0005	P	7.5
2	☐	1.000	1.029	2144.62	0.0043	P	6.5
3	☐	500.000	524.248	945561.46	1.9155	P	0.3
4	☐	1250.000	1276.615	2229353.48	4.6638	A	1.4
5	☐	2500.000	2535.574	4101064.49	9.2626	A	1.4
6	☐	5000.000	4998.715	7847427.11	18.2601	A	0.6
7	☐	10000.000	9987.209	15859926.43	36.4824	A	0.7
8	☐			8008.89	0.0186	P	3.4

y = 0.0037 * x + 5.4512E-004
R = 1.0000
DL = 0.03363
BEC = 0.1492

Weight: <None>
Min Conc: 0

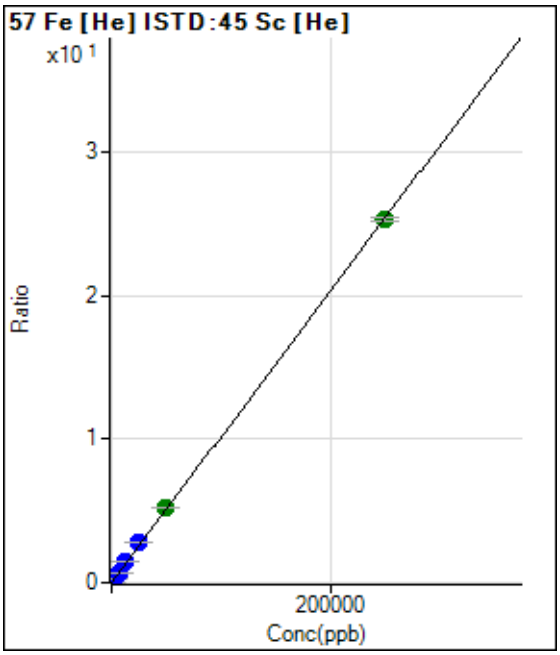


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7951.06	0.0159	P	2.1
2	☐	50.000	54.450	118486.20	0.2377	P	0.3
3	☐	2500.000	2625.209	5286728.64	10.7101	A	0.7
4	☐	6250.000	6638.497	12933400.92	27.0587	A	2.0
5	☐	12500.000	13089.516	23616081.59	53.3378	A	1.2
6	☐	25000.000	25893.853	45337054.88	105.4980	A	0.9
7	☐	50000.000	51689.741	91543977.52	210.5810	A	1.0
8	☐	250000.00	249532.22	437055140.1	1,016.519	A	0.7

y = 0.0041 * x + 0.0159
R = 1.0000
DL = 0.2442
BEC = 3.907

Weight: <None>
Min Conc: 0

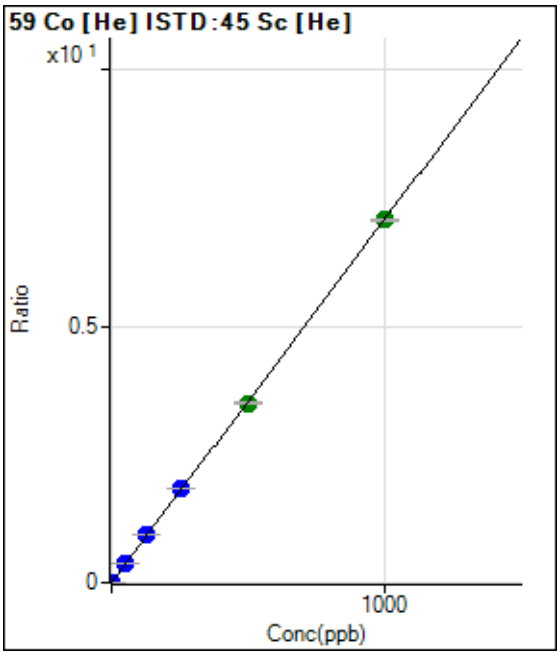
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	827.81	0.0017	P	4.3
2	☐	50.000	58.244	3768.28	0.0076	P	1.9
3	☐	2500.000	2835.754	142690.65	0.2891	P	0.3
4	☐	6250.000	7084.642	344032.98	0.7197	P	0.7
5	☐	12500.000	13993.162	628698.76	1.4199	P	1.0
6	☐	25000.000	27410.225	1194587.49	2.7797	P	0.2
7	☐	50000.000	51753.101	2280947.78	5.2469	A	1.2
8	☐	250000.00	249309.47	10864828.87	25.2697	A	1.0

y = 1.0135E-004 * x + 0.0017
R = 0.9999
DL = 2.089
BEC = 16.35

Weight: <None>
Min Conc: 0

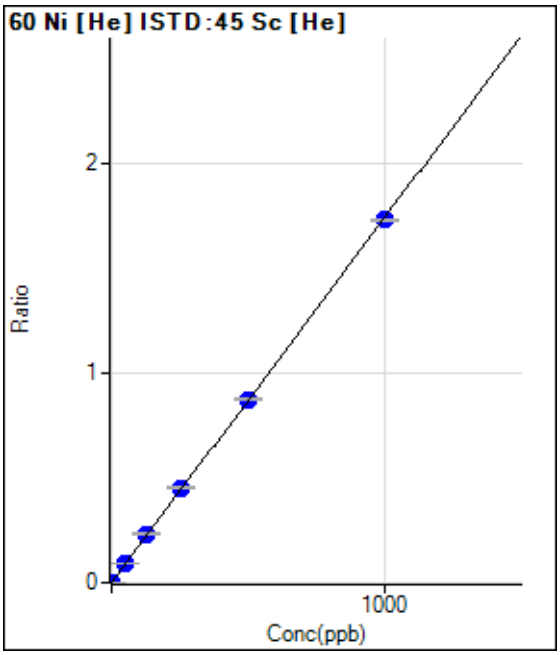


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0001	P	32.1
2	☐	1.000	1.069	3821.63	0.0077	P	4.1
3	☐	50.000	52.993	185166.25	0.3751	P	0.7
4	☐	125.000	131.794	445875.60	0.9327	P	0.7
5	☐	250.000	258.314	809460.21	1.8281	P	0.6
6	☐	500.000	495.154	1505824.37	3.5041	A	1.0
7	☐	1000.000	999.345	3074359.22	7.0720	A	0.8
8	☐			8150.06	0.0190	P	5.2

y = 0.0071 * x + 1.0666E-004
R = 0.9999
DL = 0.01453
BEC = 0.01507

Weight: <None>
Min Conc: 0

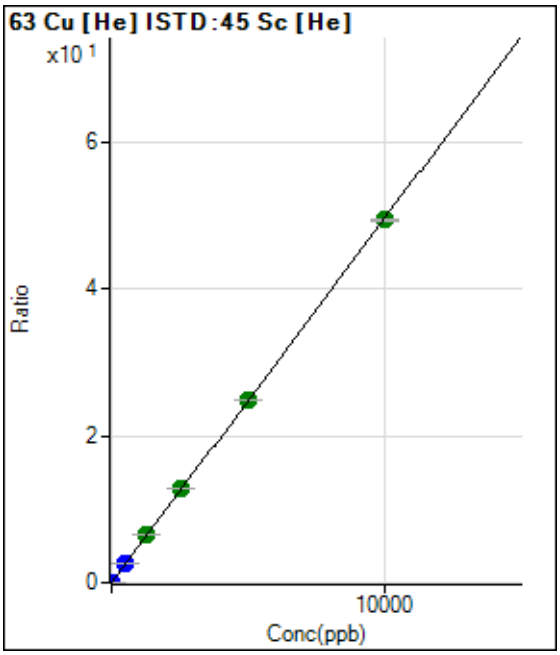
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0001	P	9.8
2	☐	1.000	1.135	1057.83	0.0021	P	8.4
3	☐	50.000	53.931	46488.36	0.0942	P	0.7
4	☐	125.000	134.023	111765.58	0.2338	P	1.8
5	☐	250.000	260.322	201030.24	0.4540	P	1.3
6	☐	500.000	503.104	377036.77	0.8773	P	0.5
7	☐	1000.000	994.543	753907.99	1.7342	P	0.9
8	☐			3700.49	0.0086	P	3.3

y = 0.0017 * x + 1.4461E-004
R = 0.9999
DL = 0.02441
BEC = 0.08294

Weight: <None>
Min Conc: 0

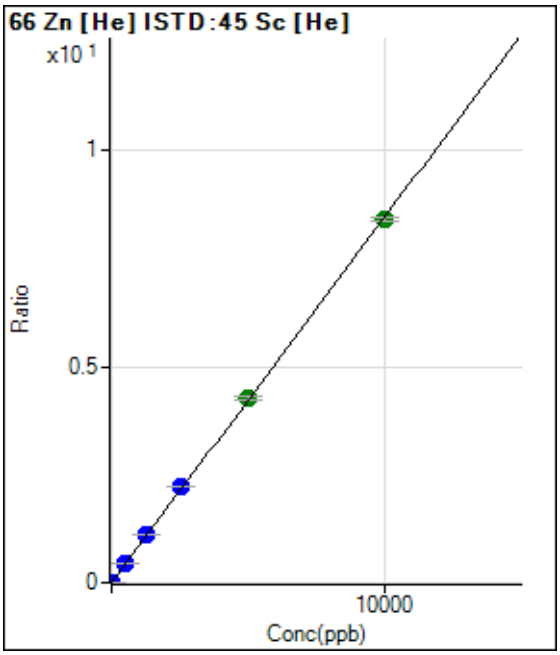


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	571.13	0.0011	P	13.7
2	☐	2.000	2.181	5962.36	0.0120	P	2.6
3	☐	500.000	537.386	1316526.68	2.6671	P	0.3
4	☐	1250.000	1333.247	3162002.90	6.6152	A	1.8
5	☐	2500.000	2578.209	5663938.32	12.7914	A	0.9
6	☐	5000.000	5011.193	10684048.17	24.8612	A	0.1
7	☐	10000.000	9962.576	21486202.18	49.4245	A	0.7
8	☐			147702.11	0.3435	P	1.2

y = 0.0050 * x + 0.0011
R = 0.9999
DL = 0.09464
BEC = 0.2306

Weight: <None>
Min Conc: 0

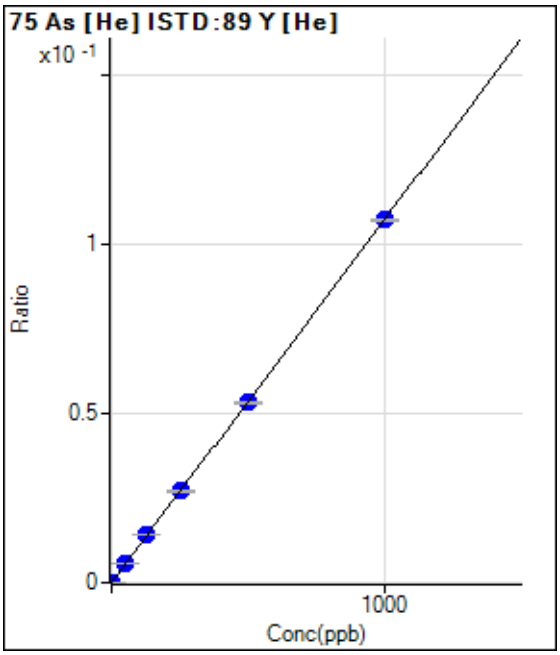
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0006	P	10.4
2	☐	5.000	5.435	2610.25	0.0052	P	1.6
3	☐	500.000	528.653	221126.46	0.4480	P	0.8
4	☐	1250.000	1326.264	536755.54	1.1229	P	0.8
5	☐	2500.000	2635.145	987588.41	2.2304	P	1.0
6	☐	5000.000	5048.822	1836150.56	4.2728	A	1.7
7	☐	10000.000	9930.837	3653372.55	8.4038	A	0.9
8	☐			1972.37	0.0046	P	2.6

y = 8.4617E-004 * x + 6.3855E-004
R = 0.9999
DL = 0.2353
BEC = 0.7546

Weight: <None>
Min Conc: 0

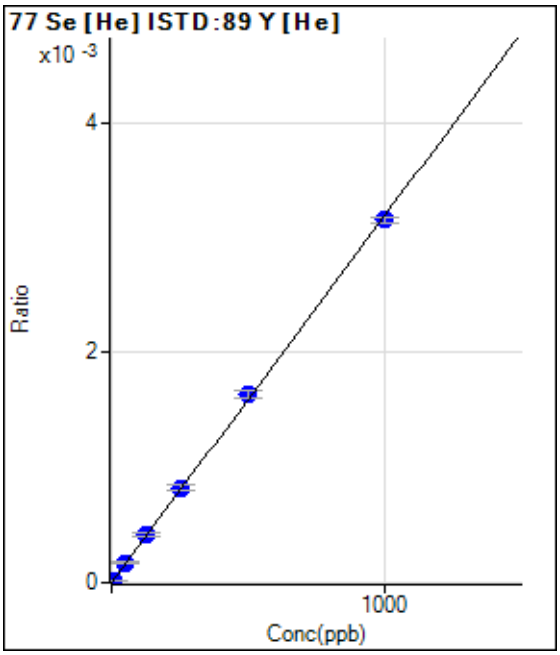


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	62.4
2	☐	1.000	0.977	303.34	0.0001	P	13.6
3	☐	50.000	52.759	15616.07	0.0057	P	3.0
4	☐	125.000	132.402	38086.49	0.0142	P	0.5
5	☐	250.000	253.306	69404.47	0.0271	P	2.2
6	☐	500.000	496.480	132162.94	0.0532	P	1.5
7	☐	1000.000	999.870	268753.25	0.1070	P	0.9
8	☐			164.45	0.0001	P	17.0

y = 1.0705E-004 * x + 3.9668E-006
R = 1.0000
DL = 0.0694
BEC = 0.03706

Weight: <None>
Min Conc: 0

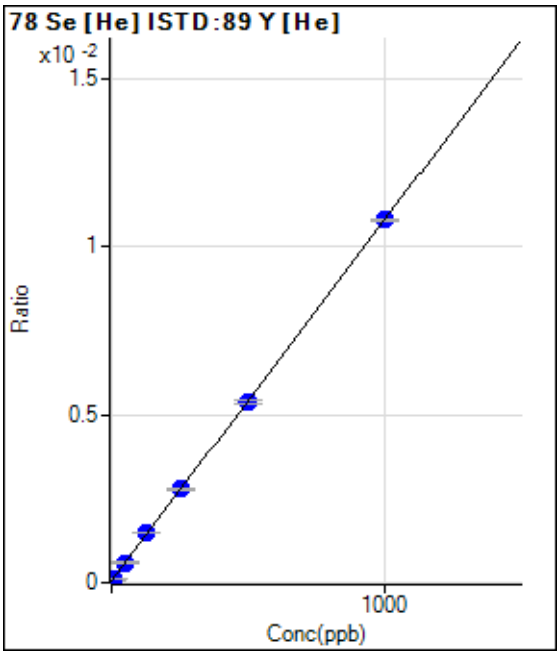
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.237	55.56	0.0000	P	13.4
3	☐	50.000	53.512	471.13	0.0002	P	11.1
4	☐	125.000	131.713	1127.83	0.0004	P	5.1
5	☐	250.000	258.258	2105.73	0.0008	P	5.6
6	☐	500.000	514.777	4081.72	0.0016	P	4.7
7	☐	1000.000	989.526	7916.64	0.0032	P	1.5
8	☐			3.33	0.0000	P	100.

y = 3.1864E-006 * x + 0.0000E+000
R = 0.9998
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

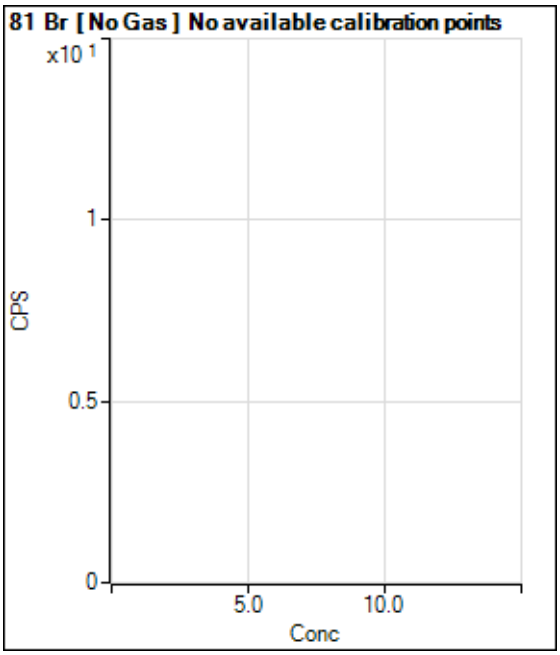


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.89	0.0001	P	24.1
2	☐	5.000	3.973	277.78	0.0001	P	1.4
3	☐	50.000	50.315	1649.00	0.0006	P	3.6
4	☐	125.000	132.799	3981.69	0.0015	P	1.2
5	☐	250.000	253.642	7112.89	0.0028	P	2.8
6	☐	500.000	494.483	13339.43	0.0054	P	2.3
7	☐	1000.000	1000.862	27115.97	0.0108	P	0.7
8	☐			126.67	0.0001	P	9.7

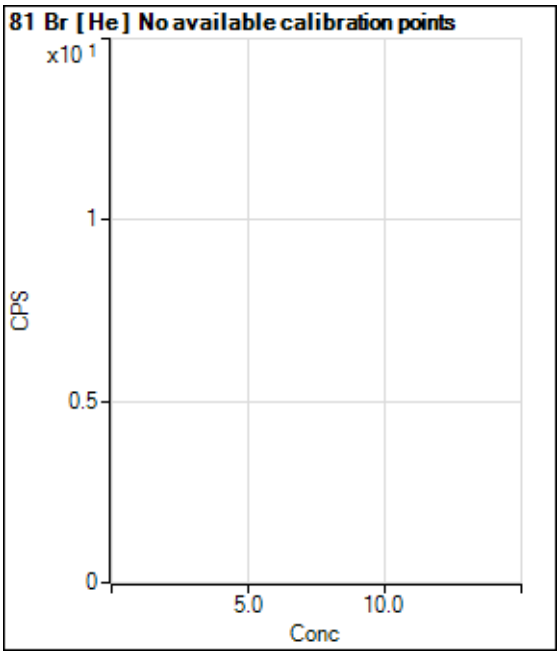
y = 1.0733E-005 * x + 5.6770E-005
R = 0.9999
DL = 3.817
BEC = 5.289

Weight: <None>
Min Conc: 0

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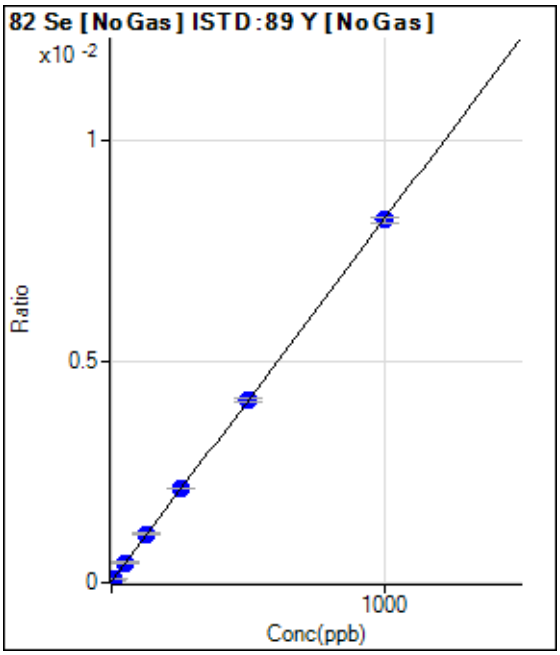


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8093.40		P	1.3
2	☐			7738.76		P	2.8
3	☐			7817.69		P	3.1
4	☐			7749.89		P	1.3
5	☐			7184.04		P	3.4
6	☐			6837.21		P	2.5
7	☐			6863.89		P	2.6
8	☐			7150.69		P	2.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			56.67		P	20.4
2	☐			28.89		P	37.1
3	☐			36.67		P	9.1
4	☐			34.44		P	40.3
5	☐			24.44		P	7.9
6	☐			33.33		P	36.1
7	☐			41.11		P	24.8
8	☐			46.66		P	12.4

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	329.51	0.0000	P	13.3
2	☐	5.000	5.224	843.24	0.0001	P	2.1
3	☐	50.000	51.868	5378.45	0.0005	P	2.9
4	☐	125.000	131.713	13013.32	0.0011	P	2.6
5	☐	250.000	255.889	23737.41	0.0021	P	0.7
6	☐	500.000	499.864	44272.07	0.0041	P	1.6
7	☐	1000.000	997.662	88156.82	0.0082	P	1.8
8	☐			365.89	0.0000	P	1.5

y = 8.2078E-006 * x + 2.7746E-005

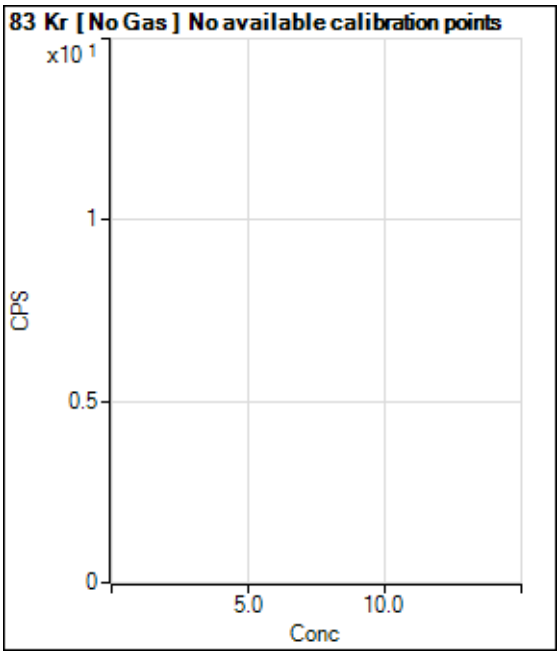
R = 1.0000

DL = 1.348

BEC = 3.38

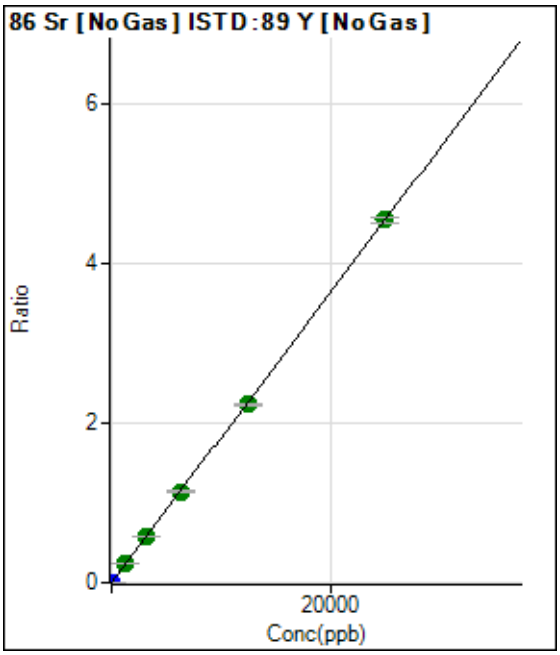
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			110.00		P	18.9
2	☐			133.34		P	7.5
3	☐			130.00		P	24.5
4	☐			115.56		P	13.0
5	☐			108.89		P	9.4
6	☐			113.33		P	12.8
7	☐			124.45		P	17.8
8	☐			130.00		P	5.1

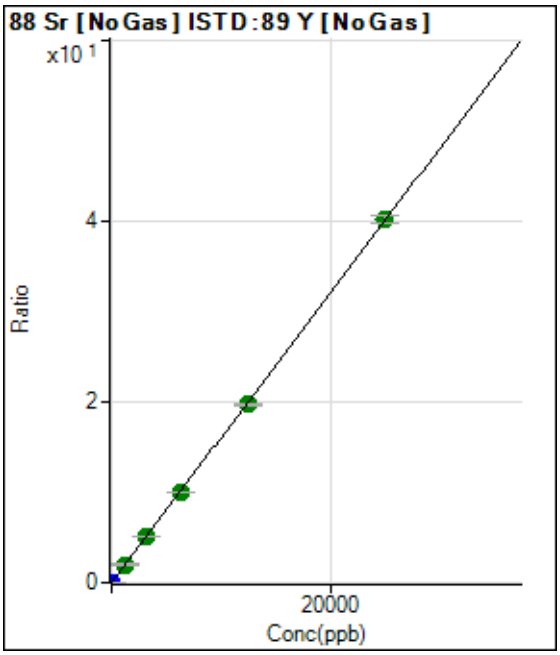
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	7.2
2	☐	1.000	1.005	2374.66	0.0002	P	0.3
3	☐	1250.000	1282.558	2761483.71	0.2328	A	0.3
4	☐	3125.000	3202.251	6822839.76	0.5813	A	1.0
5	☐	6250.000	6305.287	12767206.48	1.1445	A	0.1
6	☐	12500.000	12339.158	24007216.86	2.2398	A	1.2
7	☐	25000.000	25055.315	48801040.94	4.5480	A	1.5
8	☐			7966.68	0.0008	P	1.1

y = 1.8152E-004 * x + 1.6369E-005
R = 1.0000
DL = 0.01948
BEC = 0.09018

Weight: <None>
Min Conc: 0

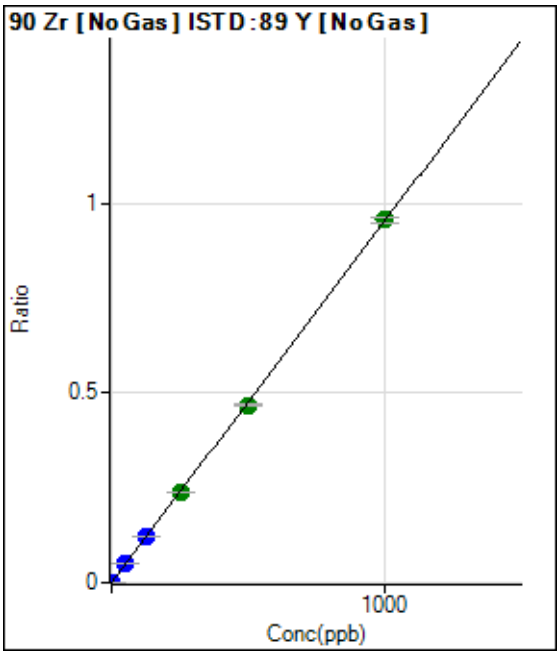


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	28.3
2	☐	1.000	0.957	18398.25	0.0015	P	0.6
3	☐	1250.000	1260.634	23888505.20	2.0141	A	0.5
4	☐	3125.000	3179.006	59610240.78	5.0790	A	2.1
5	☐	6250.000	6219.567	110842938.3	9.9369	A	0.5
6	☐	12500.000	12327.325	211112121.3	19.6951	A	0.5
7	☐	25000.000	25086.663	430006602.4	40.0803	A	2.2
8	☐			67988.41	0.0068	P	2.5

y = 0.0016 * x + 1.2643E-005
R = 1.0000
DL = 0.00672
BEC = 0.007914

Weight: <None>
Min Conc: 0

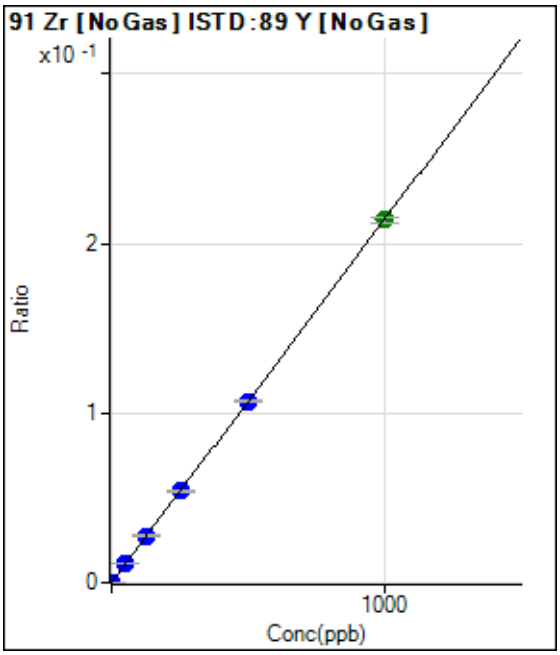
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	537.79	0.0000	P	5.7
2	☐	1.000	0.966	11523.48	0.0010	P	1.5
3	☐	50.000	50.822	574720.03	0.0485	P	0.7
4	☐	125.000	128.350	1435390.29	0.1223	P	2.2
5	☐	250.000	250.556	2662718.28	0.2387	A	1.1
6	☐	500.000	491.393	5017483.95	0.4681	A	1.4
7	☐	1000.000	1003.705	10258676.30	0.9561	A	1.7
8	☐			6906.13	0.0007	P	2.5

y = 9.5254E-004 * x + 4.5275E-005
R = 0.9999
DL = 0.008197
BEC = 0.04753

Weight: <None>
Min Conc: 0

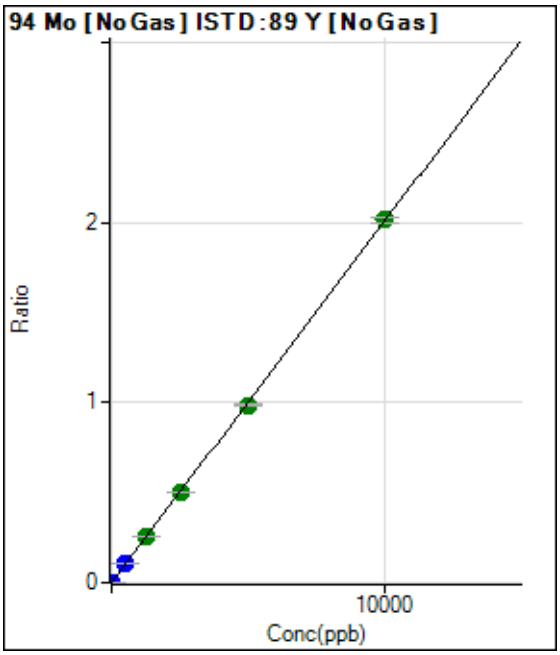


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0000	P	9.3
2	☐	1.000	0.976	2603.59	0.0002	P	5.4
3	☐	50.000	51.074	129789.74	0.0109	P	1.1
4	☐	125.000	129.169	324657.21	0.0277	P	1.6
5	☐	250.000	251.967	601785.15	0.0540	P	1.0
6	☐	500.000	499.648	1146568.11	0.1070	P	1.4
7	☐	1000.000	999.109	2295153.02	0.2139	A	1.5
8	☐			1440.09	0.0001	P	3.6

y = 2.1408E-004 * x + 9.0742E-006
R = 1.0000
DL = 0.01177
BEC = 0.04239

Weight: <None>
Min Conc: 0

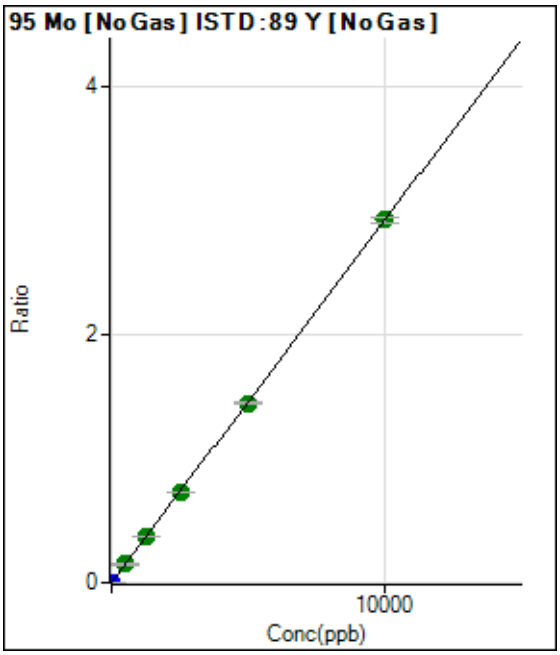
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.45	0.0000	P	4.5
2	☐	5.000	5.482	13343.93	0.0011	P	1.6
3	☐	500.000	513.867	1222581.45	0.1031	P	0.5
4	☐	1250.000	1280.293	3013861.97	0.2568	A	1.7
5	☐	2500.000	2487.626	5565346.65	0.4989	A	0.8
6	☐	5000.000	4919.638	10575905.88	0.9867	A	1.1
7	☐	10000.000	10038.794	21603170.51	2.0134	A	1.6
8	☐			6401.46	0.0006	P	2.6

y = 2.0056E-004 * x + 1.8054E-005
R = 0.9999
DL = 0.01216
BEC = 0.09002

Weight: <None>
Min Conc: 0

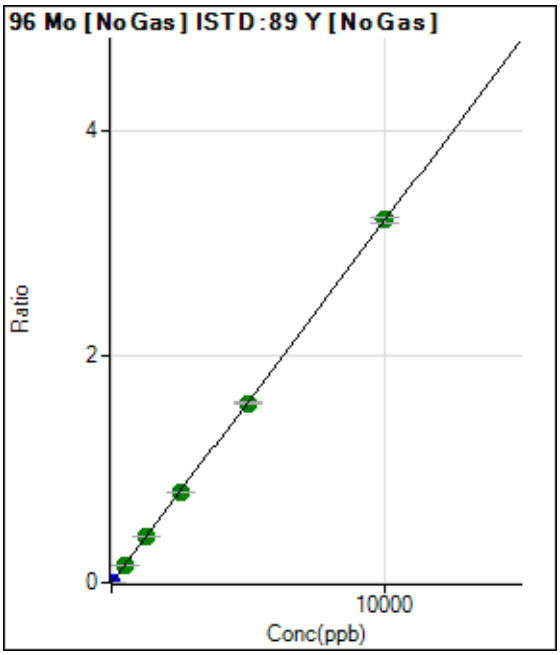


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	12.1
2	☐	5.000	4.621	16183.47	0.0014	P	2.7
3	☐	500.000	505.035	1752325.22	0.1477	A	1.3
4	☐	1250.000	1274.061	4374523.72	0.3727	A	1.3
5	☐	2500.000	2495.545	8143278.56	0.7300	A	0.5
6	☐	5000.000	4960.118	15551946.29	1.4510	A	1.7
7	☐	10000.000	10017.796	31444347.03	2.9305	A	1.5
8	☐			6932.81	0.0007	P	1.1

y = 2.9253E-004 * x + 3.5555E-006
R = 1.0000
DL = 0.004428
BEC = 0.01215

Weight: <None>
Min Conc: 0

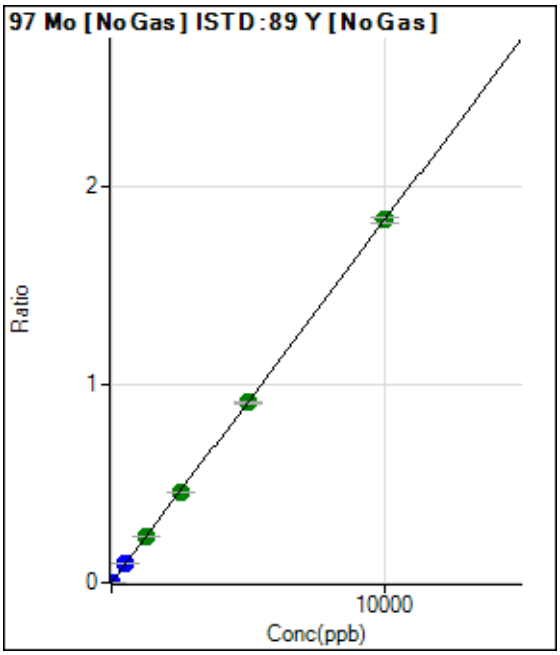
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	12.3
2	☐	5.000	4.673	17943.32	0.0015	P	3.2
3	☐	500.000	503.341	1908523.11	0.1609	A	0.2
4	☐	1250.000	1276.358	4788994.16	0.4080	A	1.3
5	☐	2500.000	2484.076	8858048.69	0.7941	A	0.5
6	☐	5000.000	4951.902	16966670.72	1.5830	A	1.5
7	☐	10000.000	10024.568	34383670.60	3.2045	A	1.6
8	☐			12521.01	0.0012	P	1.6

y = 3.1967E-004 * x + 8.8906E-006
R = 1.0000
DL = 0.01028
BEC = 0.02781

Weight: <None>
Min Conc: 0

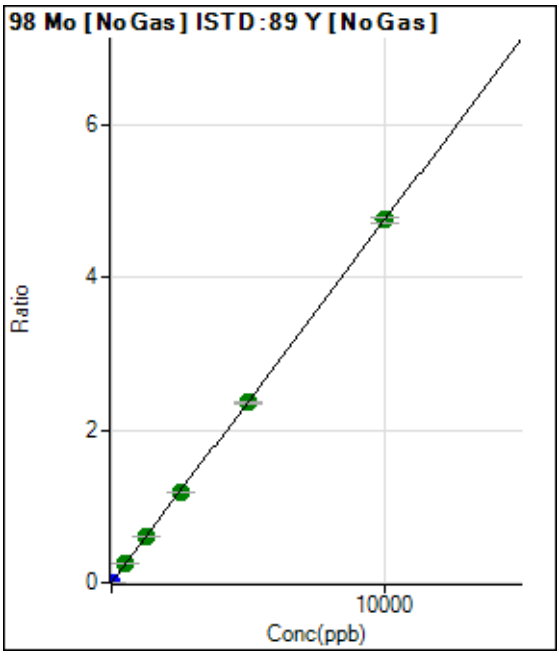


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0000	P	26.0
2	☐	5.000	4.600	10093.56	0.0008	P	1.0
3	☐	500.000	510.724	1108196.17	0.0934	P	0.5
4	☐	1250.000	1280.753	2750191.63	0.2343	A	0.7
5	☐	2500.000	2490.353	5082052.32	0.4556	A	0.6
6	☐	5000.000	4971.047	9747048.33	0.9094	A	1.5
7	☐	10000.000	10012.508	19652767.90	1.8317	A	1.7
8	☐			4131.73	0.0004	P	0.7

y = 1.8294E-004 * x + 3.8387E-006
R = 1.0000
DL = 0.01638
BEC = 0.02098

Weight: <None>
Min Conc: 0

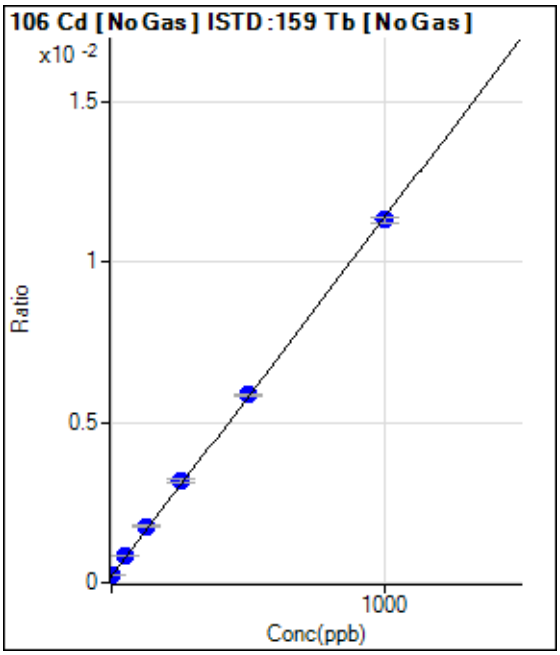
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	7.8
2	☐	5.000	4.676	26545.27	0.0022	P	1.2
3	☐	500.000	506.176	2847973.78	0.2401	A	0.3
4	☐	1250.000	1269.383	7067710.10	0.6022	A	1.3
5	☐	2500.000	2512.221	13293363.83	1.1917	A	0.6
6	☐	5000.000	4968.698	25263516.29	2.3570	A	1.2
7	☐	10000.000	10009.864	50951656.46	4.7484	A	1.3
8	☐			10172.53	0.0010	P	1.4

y = 4.7437E-004 * x + 5.1445E-006
R = 1.0000
DL = 0.002533
BEC = 0.01084

Weight: <None>
Min Conc: 0

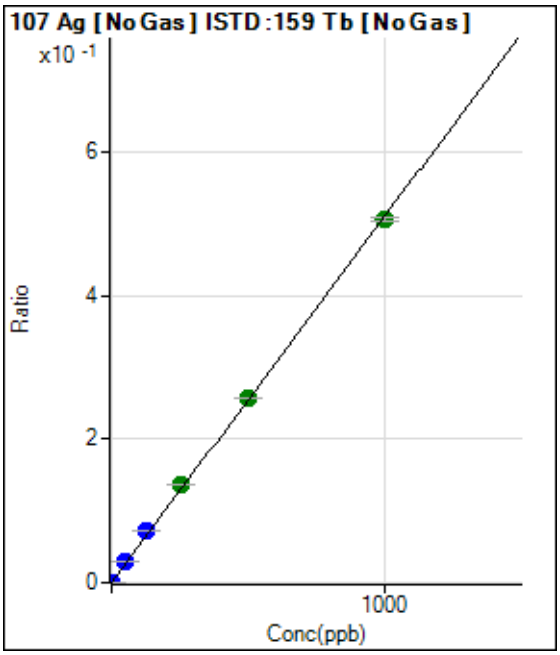


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3301.53	0.0002	P	1.4
2	☐	1.000	0.644	3430.44	0.0002	P	5.4
3	☐	50.000	54.169	12407.60	0.0008	P	0.7
4	☐	125.000	138.138	26370.60	0.0018	P	1.6
5	☐	250.000	264.631	46338.05	0.0032	P	2.1
6	☐	500.000	503.569	84665.52	0.0058	P	0.8
7	☐	1000.000	992.707	165253.53	0.0113	P	1.3
8	☐			2885.87	0.0002	P	2.1

y = 1.1164E-005 * x + 2.2131E-004
R = 0.9998
DL = 0.85
BEC = 19.82

Weight: <None>
Min Conc: 0

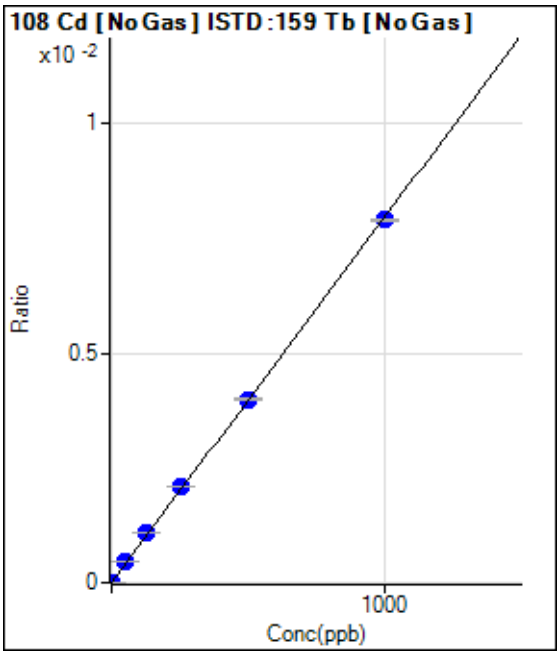
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	24.6
2	☐	1.000	1.014	7834.40	0.0005	P	4.8
3	☐	50.000	55.614	426053.17	0.0284	P	0.9
4	☐	125.000	140.161	1068868.05	0.0715	P	1.3
5	☐	250.000	268.878	2000956.48	0.1371	A	1.3
6	☐	500.000	503.316	3718994.08	0.2567	A	0.3
7	☐	1000.000	991.447	7391354.54	0.5056	A	1.2
8	☐			1047.83	0.0001	P	7.6

y = 5.0995E-004 * x + 4.9109E-006
R = 0.9997
DL = 0.00712
BEC = 0.00963

Weight: <None>
Min Conc: 0

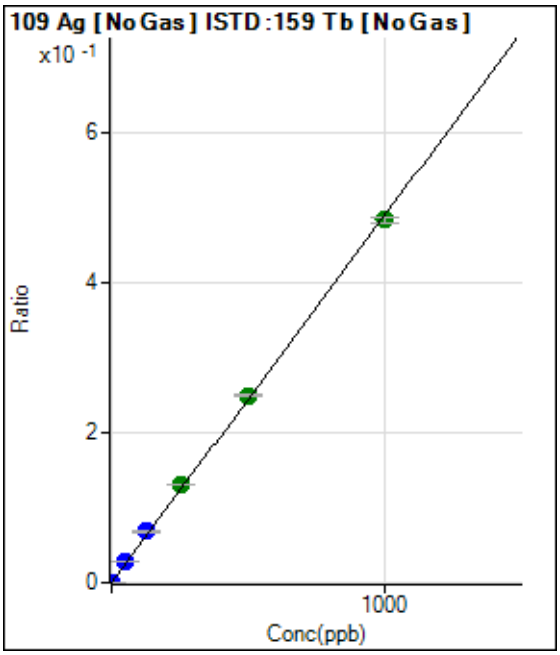


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	25.1
2	☐	1.000	1.079	136.67	0.0000	P	6.0
3	☐	50.000	56.308	6729.39	0.0004	P	3.2
4	☐	125.000	137.673	16367.11	0.0011	P	2.6
5	☐	250.000	263.102	30519.85	0.0021	P	1.1
6	☐	500.000	502.810	57906.01	0.0040	P	1.3
7	☐	1000.000	993.420	115436.63	0.0079	P	0.8
8	☐			55.55	0.0000	P	5.5

y = 7.9470E-006 * x + 5.2188E-007
R = 0.9999
DL = 0.04954
BEC = 0.06567

Weight: <None>
Min Conc: 0

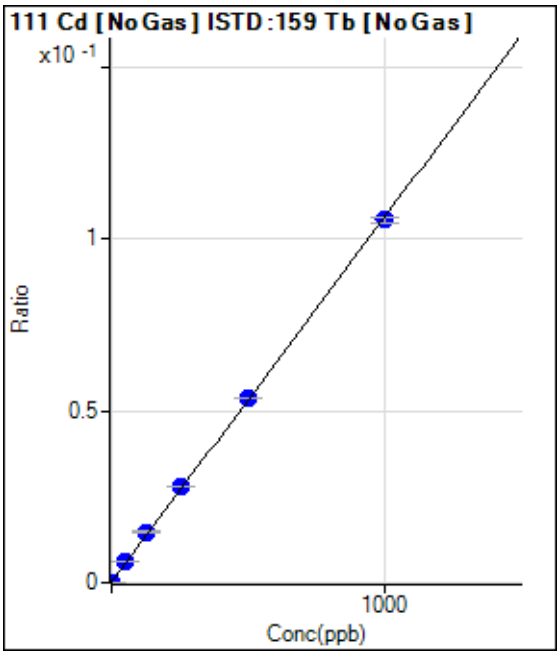
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	17.2
2	☐	1.000	1.030	7589.83	0.0005	P	3.2
3	☐	50.000	55.870	410336.73	0.0273	P	0.5
4	☐	125.000	139.343	1018820.37	0.0681	P	1.1
5	☐	250.000	267.561	1909078.98	0.1308	A	1.0
6	☐	500.000	509.741	3611275.33	0.2492	A	0.8
7	☐	1000.000	988.653	7066413.02	0.4834	A	1.7
8	☐			976.71	0.0001	P	18.3

y = 4.8894E-004 * x + 1.9355E-006
R = 0.9997
DL = 0.002043
BEC = 0.003959

Weight: <None>
Min Conc: 0

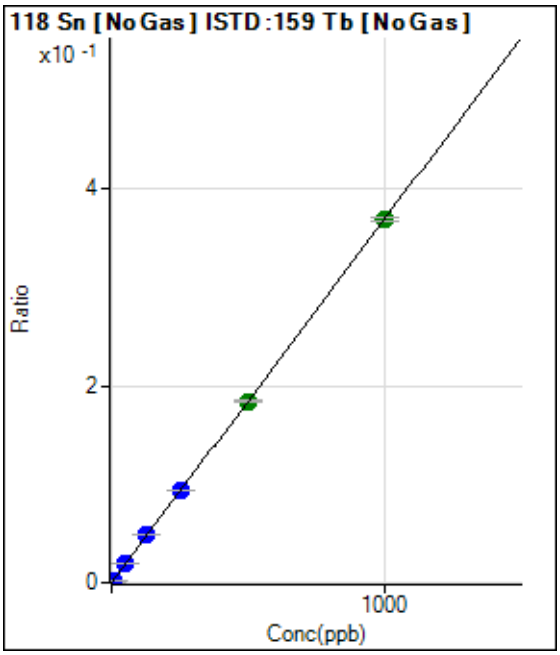


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2308.95	0.0002	P	1.7
2	☐	1.000	1.095	4069.11	0.0003	P	6.1
3	☐	50.000	54.671	89515.56	0.0060	P	0.7
4	☐	125.000	138.122	221615.63	0.0148	P	1.1
5	☐	250.000	263.393	410375.68	0.0281	P	0.9
6	☐	500.000	503.588	776982.43	0.0536	P	0.6
7	☐	1000.000	992.984	1543578.61	0.1056	P	1.2
8	☐			2257.90	0.0002	P	1.8

y = 1.0618E-004 * x + 1.5477E-004
R = 0.9998
DL = 0.07398
BEC = 1.458

Weight: <None>
Min Conc: 0

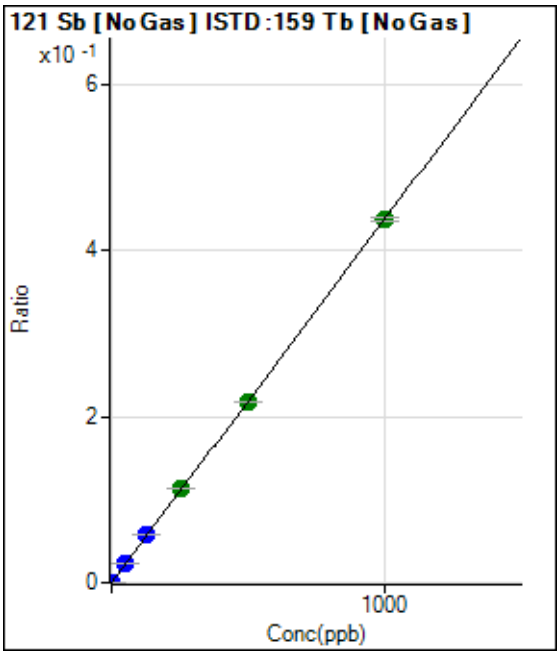
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	473.35	0.0000	P	9.4
2	☐	5.000	4.950	27932.70	0.0019	P	1.1
3	☐	50.000	52.577	292165.98	0.0195	P	0.5
4	☐	125.000	132.612	732946.57	0.0490	P	0.8
5	☐	250.000	253.552	1367106.68	0.0937	P	1.0
6	☐	500.000	499.585	2674195.24	0.1846	A	1.1
7	☐	1000.000	998.240	5390692.80	0.3687	A	1.2
8	☐			6609.35	0.0005	P	2.3

y = 3.6936E-004 * x + 3.1737E-005
R = 1.0000
DL = 0.02435
BEC = 0.08592

Weight: <None>
Min Conc: 0

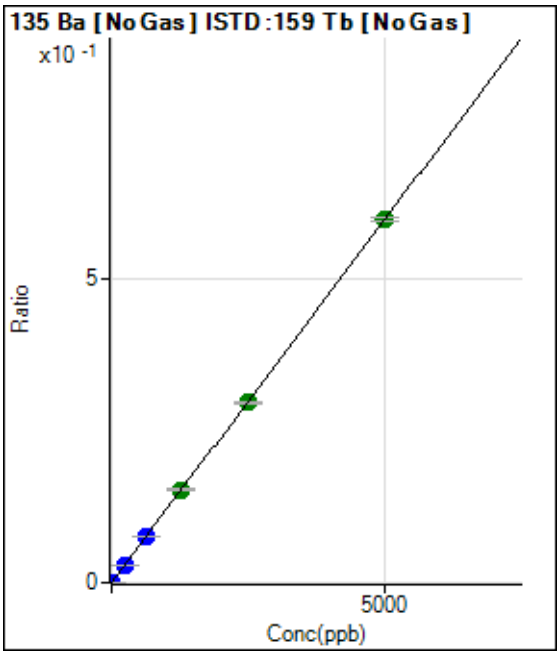


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0000	P	28.2
2	☐	2.000	2.031	13425.24	0.0009	P	2.3
3	☐	50.000	52.042	342473.41	0.0228	P	1.1
4	☐	125.000	131.254	859845.41	0.0575	P	0.6
5	☐	250.000	259.386	1658248.99	0.1136	A	0.2
6	☐	500.000	496.413	3150760.75	0.2175	A	0.2
7	☐	1000.000	998.563	6394714.49	0.4374	A	1.0
8	☐			4873.09	0.0004	P	3.1

y = 4.3804E-004 * x + 4.2484E-006
R = 0.9999
DL = 0.0082
BEC = 0.009699

Weight: <None>
Min Conc: 0

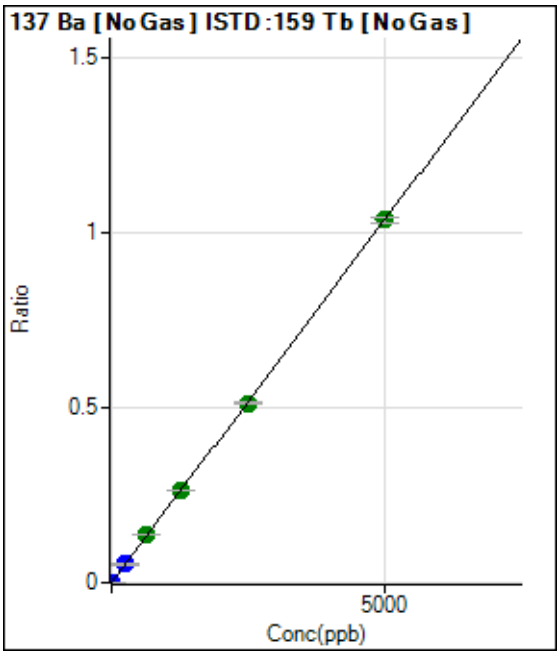
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	37.0
2	☐	10.000	9.591	17280.56	0.0012	P	0.6
3	☐	250.000	251.017	451553.74	0.0301	P	0.1
4	☐	625.000	635.990	1139001.86	0.0762	P	0.6
5	☐	1250.000	1284.079	2243906.67	0.1538	A	1.8
6	☐	2500.000	2479.624	4302753.31	0.2970	A	0.7
7	☐	5000.000	5000.244	8754699.94	0.5988	A	0.9
8	☐			3461.56	0.0003	P	5.6

y = 1.1976E-004 * x + 2.0827E-006
R = 1.0000
DL = 0.01932
BEC = 0.01739

Weight: <None>
Min Conc: 0

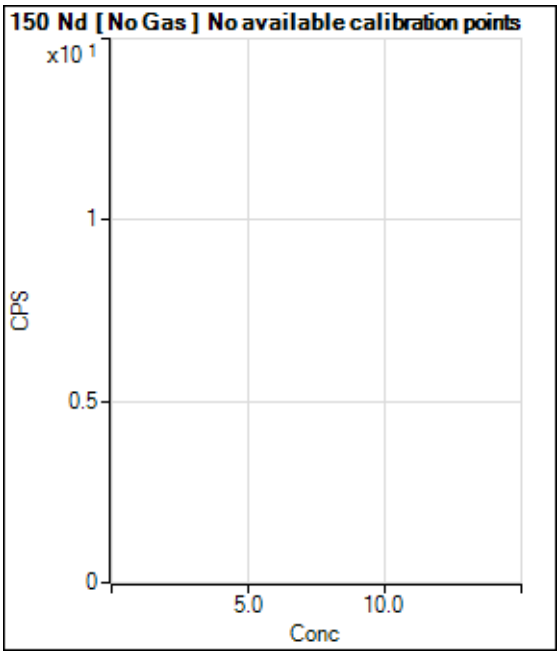


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0000	P	19.0
2	☐	10.000	9.561	29787.85	0.0020	P	1.4
3	☐	250.000	252.369	785156.69	0.0523	P	0.6
4	☐	625.000	658.837	2040762.28	0.1365	A	0.3
5	☐	1250.000	1270.740	3840844.73	0.2632	A	0.6
6	☐	2500.000	2475.152	7428026.28	0.5126	A	0.8
7	☐	5000.000	5002.892	15148101.02	1.0362	A	1.3
8	☐			5913.50	0.0004	P	3.3

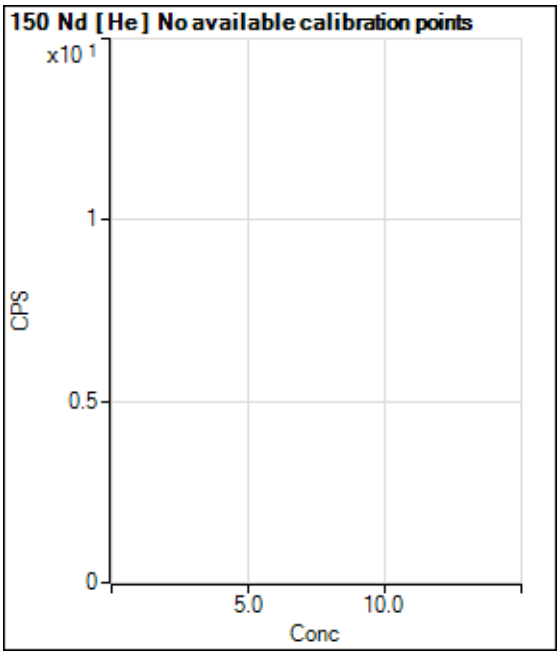
y = 2.0711E-004 * x + 3.6470E-006
R = 1.0000
DL = 0.01004
BEC = 0.01761

Weight: <None>
Min Conc: 0

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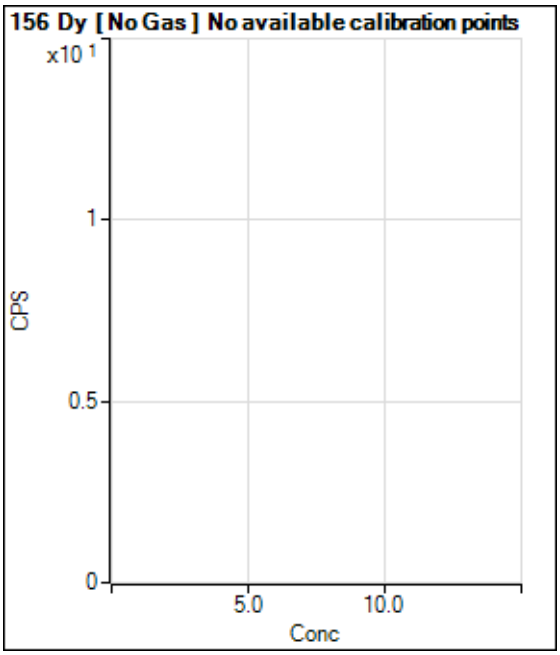


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.45		P	93.2
2	☐			10.00		P	66.7
3	☐			33.33		P	43.6
4	☐			84.45		P	18.7
5	☐			146.67		P	4.5
6	☐			280.01		P	8.3
7	☐			592.24		P	8.2
8	☐			172.22		P	14.0

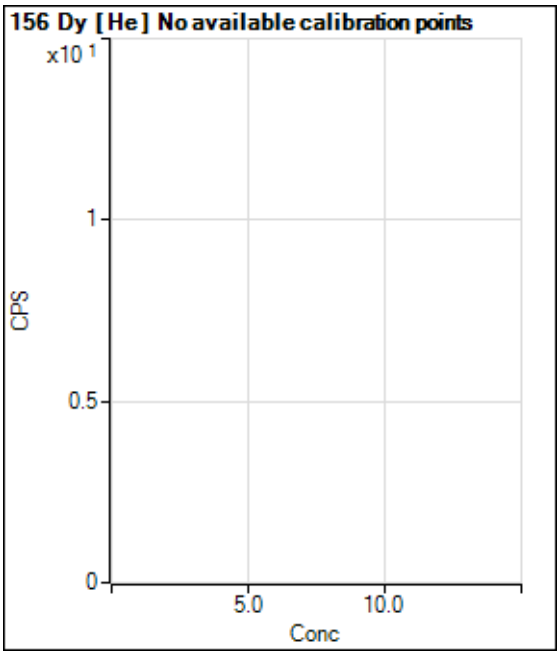


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐			5.56		P	34.7
3	☐			12.22		P	41.7
4	☐			8.89		P	57.3
5	☐			28.89		P	33.3
6	☐			56.67		P	35.8
7	☐			114.45		P	19.4
8	☐			97.78		P	7.1

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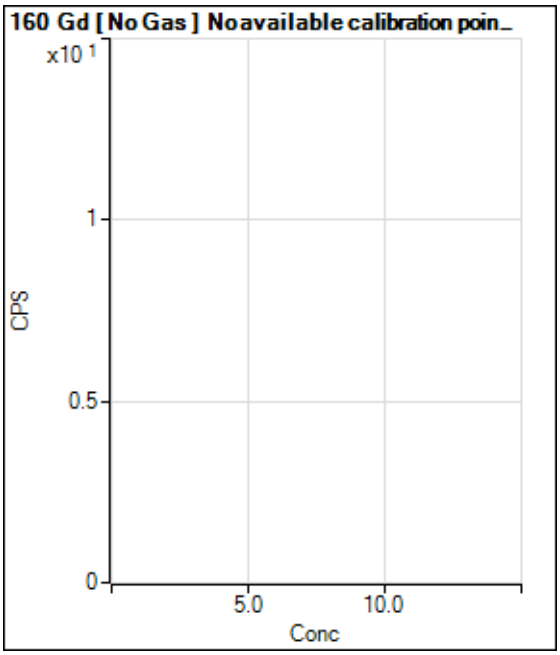


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.55		P	44.6
2	☐			25.56		P	83.9
3	☐			30.00		P	11.1
4	☐			37.78		P	31.0
5	☐			67.78		P	7.5
6	☐			104.45		P	14.4
7	☐			177.78		P	27.4
8	☐			265.56		P	11.0

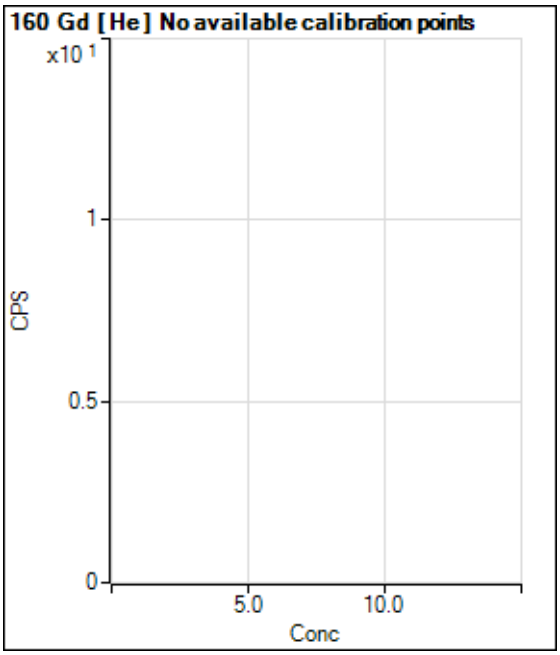


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	86.6
2	☐			6.67		P	50.0
3	☐			37.78		P	13.5
4	☐			56.67		P	27.0
5	☐			123.33		P	25.8
6	☐			203.34		P	15.6
7	☐			387.79		P	3.0
8	☐			215.56		P	14.4

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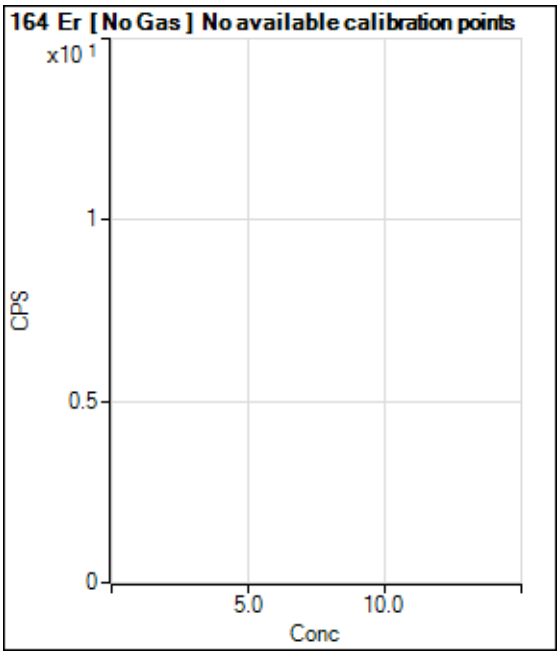


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			54.45		P	12.7
2	☐			52.22		P	19.5
3	☐			61.11		P	30.0
4	☐			62.22		P	25.3
5	☐			78.89		P	23.3
6	☐			80.00		P	11.0
7	☐			140.00		P	30.9
8	☐			241.12		P	10.5

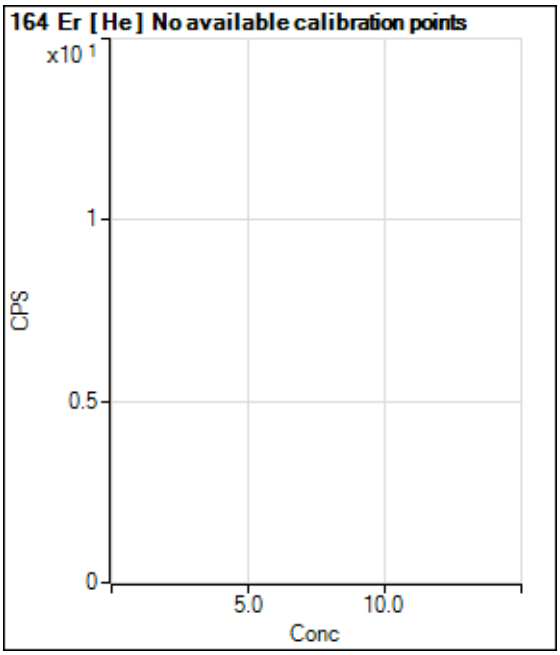


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			458.90		P	13.1
2	☐			491.12		P	1.0
3	☐			467.79		P	8.8
4	☐			496.68		P	8.6
5	☐			501.12		P	3.7
6	☐			514.46		P	8.2
7	☐			493.35		P	5.8
8	☐			606.69		P	8.1

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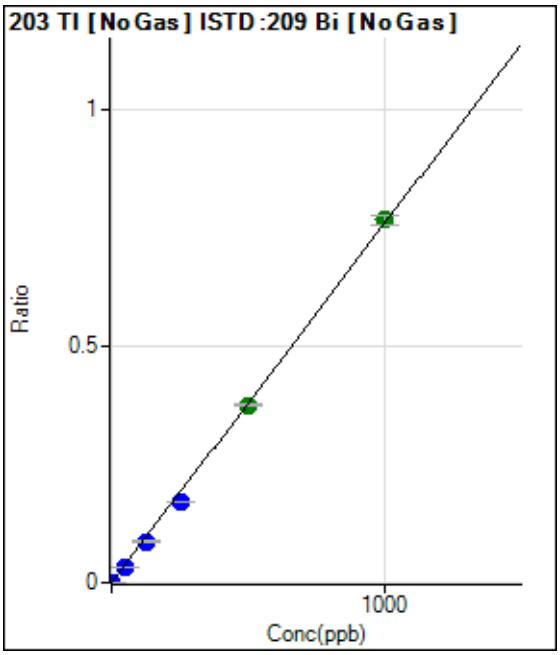


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			100.00		P	20.8
2	☐			123.34		P	5.4
3	☐			86.67		P	7.7
4	☐			117.78		P	8.2
5	☐			122.22		P	43.3
6	☐			144.45		P	3.5
7	☐			171.11		P	16.6
8	☐			286.67		P	12.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			64.44		P	7.9
2	☐			55.55		P	52.4
3	☐			62.22		P	32.7
4	☐			87.78		P	29.5
5	☐			74.45		P	28.4
6	☐			92.22		P	28.1
7	☐			112.22		P	31.5
8	☐			171.11		P	11.7

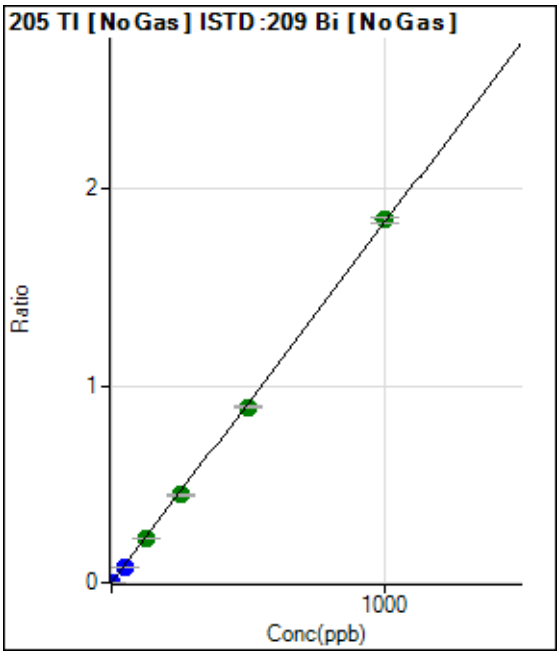
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0000	P	12.4
2	☐	1.000	0.875	6096.97	0.0007	P	2.2
3	☐	50.000	44.973	311210.18	0.0342	P	1.1
4	☐	125.000	114.927	788916.54	0.0874	P	0.8
5	☐	250.000	226.154	1517355.10	0.1719	P	0.3
6	☐	500.000	494.297	3283662.17	0.3758	A	0.8
7	☐	1000.000	1010.324	6640954.28	0.7680	A	2.4
8	☐			957.82	0.0001	P	7.5

y = 7.6016E-004 * x + 1.2220E-005
R = 0.9997
DL = 0.005982
BEC = 0.01608

Weight: <None>
Min Conc: 0

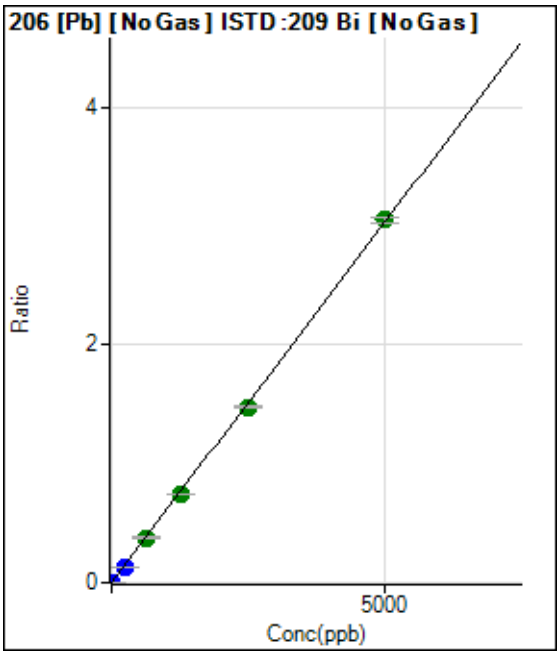


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	254.45	0.0000	P	8.5
2	☐	1.000	0.846	14178.62	0.0016	P	0.9
3	☐	50.000	44.313	737954.59	0.0811	P	0.5
4	☐	125.000	124.706	2060133.65	0.2282	A	0.5
5	☐	250.000	243.486	3931353.55	0.4455	A	1.5
6	☐	500.000	487.280	7790042.04	0.8915	A	1.4
7	☐	1000.000	1008.310	15952775.88	1.8446	A	1.6
8	☐			2234.65	0.0003	P	11.4

y = 0.0018 * x + 2.8255E-005
R = 0.9999
DL = 0.003938
BEC = 0.01545

Weight: <None>
Min Conc: 0

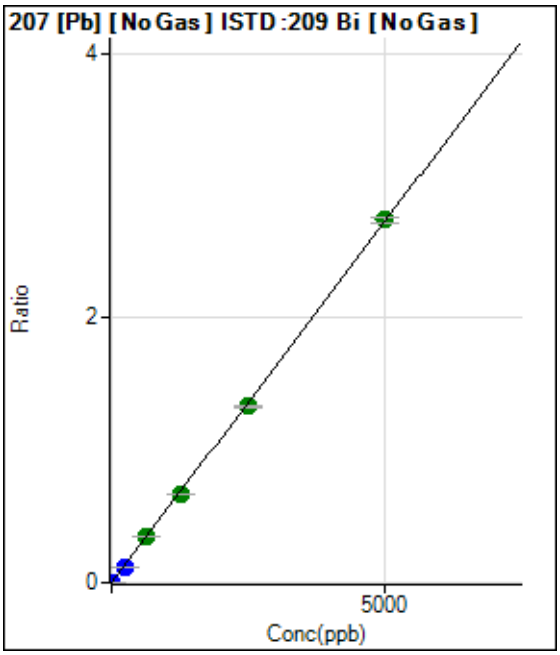
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0000	P	9.5
2	☐	1.000	0.843	4890.93	0.0005	P	4.1
3	☐	250.000	223.991	1235867.29	0.1358	P	0.8
4	☐	625.000	625.261	3422460.64	0.3791	A	0.9
5	☐	1250.000	1225.813	6558108.44	0.7431	A	0.7
6	☐	2500.000	2439.006	12920117.73	1.4785	A	1.0
7	☐	5000.000	5037.811	26409433.22	3.0538	A	1.6
8	☐			5930.25	0.0008	P	2.1

y = 6.0618E-004 * x + 3.2336E-005
R = 0.9999
DL = 0.01524
BEC = 0.05334

Weight: <None>
Min Conc: 0

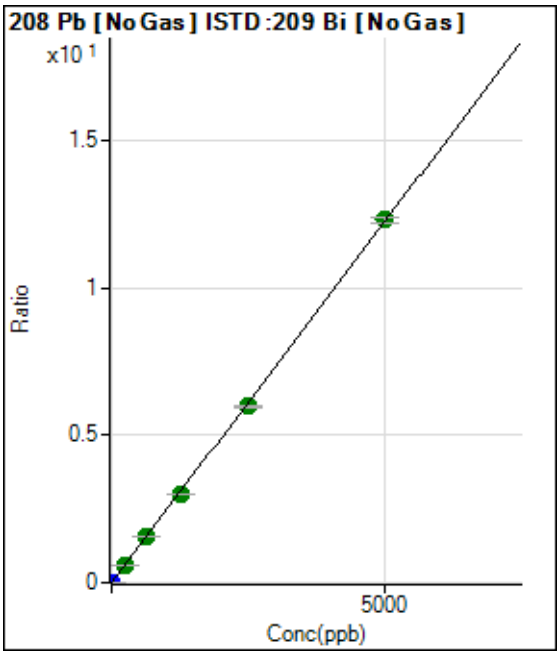


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	270.01	0.0000	P	3.4
2	☐	1.000	0.834	4360.74	0.0005	P	1.9
3	☐	250.000	221.968	1100677.95	0.1210	P	0.7
4	☐	625.000	629.405	3096268.67	0.3429	A	0.7
5	☐	1250.000	1230.863	5918196.16	0.6706	A	0.8
6	☐	2500.000	2447.195	11650620.52	1.3332	A	0.8
7	☐	5000.000	5032.038	23708212.43	2.7414	A	1.5
8	☐			5444.49	0.0007	P	2.7

y = 5.4478E-004 * x + 2.9985E-005
R = 0.9999
DL = 0.005671
BEC = 0.05504

Weight: <None>
Min Conc: 0

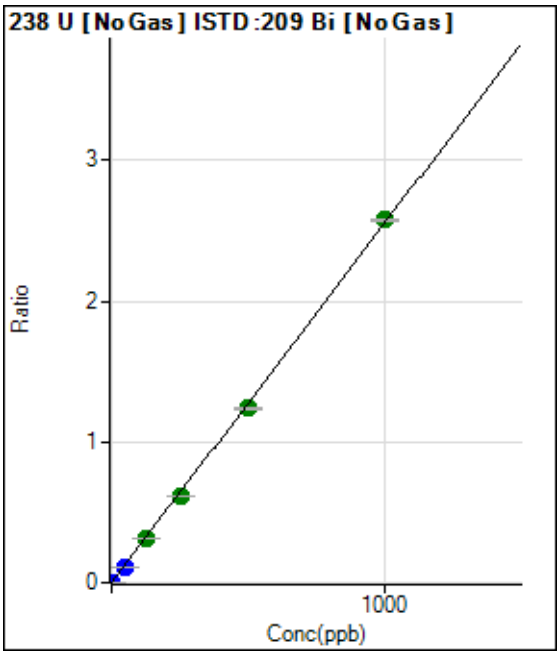
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1251.15	0.0001	P	2.2
2	☐	1.000	0.839	19743.56	0.0022	P	2.3
3	☐	250.000	234.912	5235924.47	0.5754	A	1.0
4	☐	625.000	630.189	13935278.08	1.5433	A	1.0
5	☐	1250.000	1224.572	26466663.42	2.9989	A	0.3
6	☐	2500.000	2447.967	52386223.67	5.9947	A	0.8
7	☐	5000.000	5032.480	106575013.6	12.3236	A	1.6
8	☐			24140.81	0.0033	P	2.9

y = 0.0024 * x + 1.3895E-004
R = 0.9999
DL = 0.00377
BEC = 0.05674

Weight: <None>
Min Conc: 0

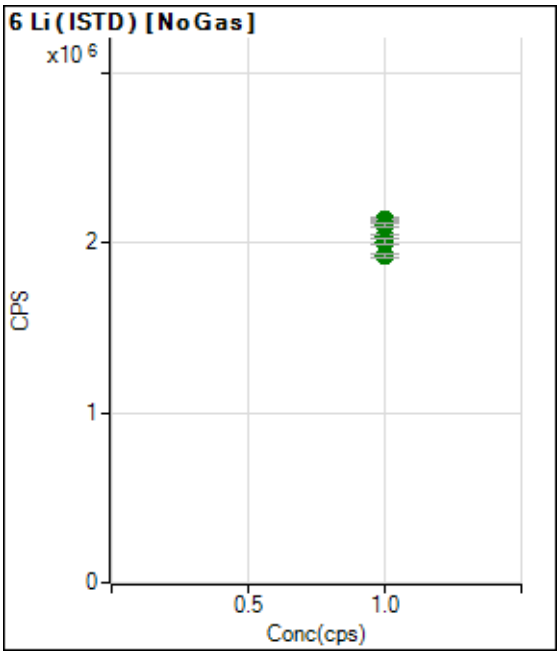


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	62.5
2	☐	1.000	0.797	18333.79	0.0020	P	1.1
3	☐	50.000	42.153	979192.71	0.1076	P	1.1
4	☐	125.000	122.164	2815758.74	0.3118	A	0.5
5	☐	250.000	241.699	5445407.42	0.6170	A	0.9
6	☐	500.000	485.747	10835538.59	1.2400	A	1.4
7	☐	1000.000	1009.949	22298640.50	2.5781	A	0.8
8	☐			1014.50	0.0001	P	10.7

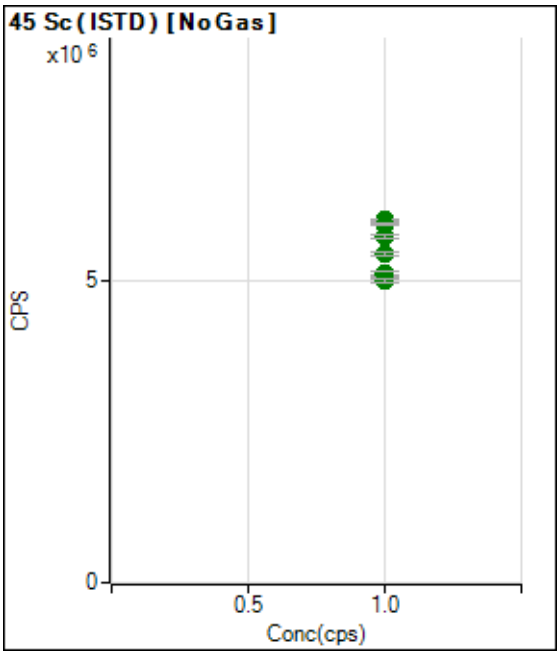
y = 0.0026 * x + 1.2335E-006
R = 0.9998
DL = 0.0009064
BEC = 0.0004832

Weight: <None>
Min Conc: 0

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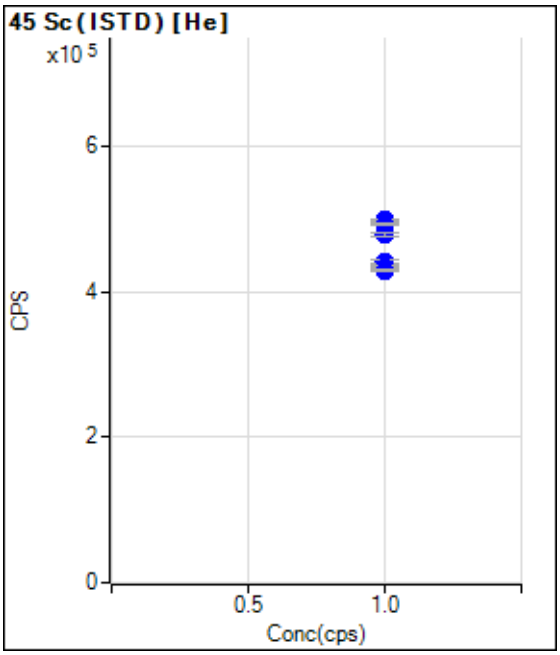


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2118357.78		A	0.7
2	☐	1.000		2131839.53		A	1.0
3	☐	1.000		2125264.72		A	1.0
4	☐	1.000		2130196.72		A	0.3
5	☐	1.000		2099858.25		A	1.1
6	☐	1.000		2035752.84		A	1.2
7	☐	1.000		2004560.80		A	1.5
8	☐	1.000		1922705.84		A	0.8

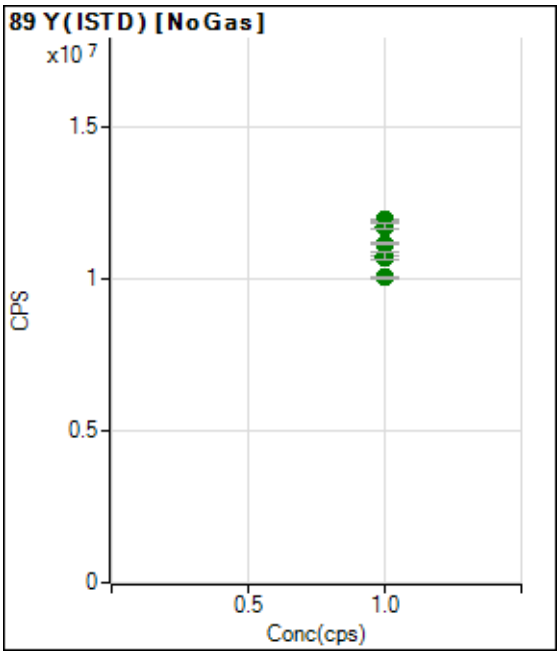


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6007577.41		A	0.7
2	☐	1.000		6007124.36		A	0.5
3	☐	1.000		5934980.19		A	0.6
4	☐	1.000		5738592.83		A	1.0
5	☐	1.000		5451151.58		A	1.1
6	☐	1.000		5128072.88		A	1.3
7	☐	1.000		5097218.74		A	1.8
8	☐	1.000		4989754.72		A	1.1

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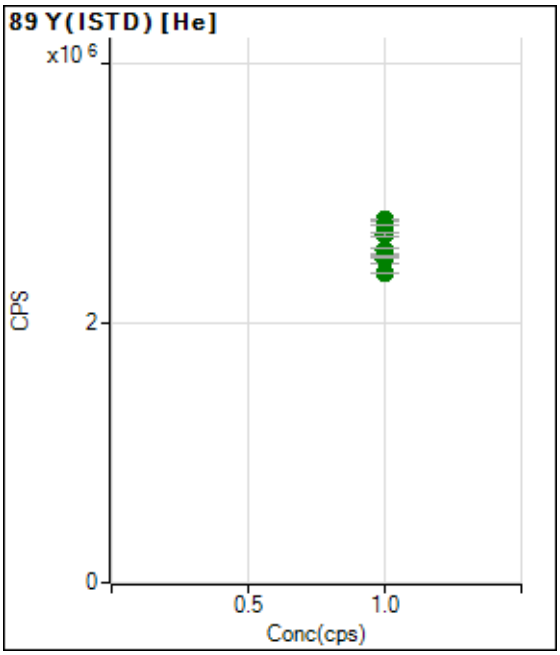


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		499522.78		P	0.6
2	☐	1.000		498412.40		P	0.5
3	☐	1.000		493625.49		P	0.1
4	☐	1.000		478044.97		P	1.1
5	☐	1.000		442804.72		P	1.2
6	☐	1.000		429750.30		P	0.5
7	☐	1.000		434744.08		P	0.8
8	☐	1.000		429957.12		P	0.3

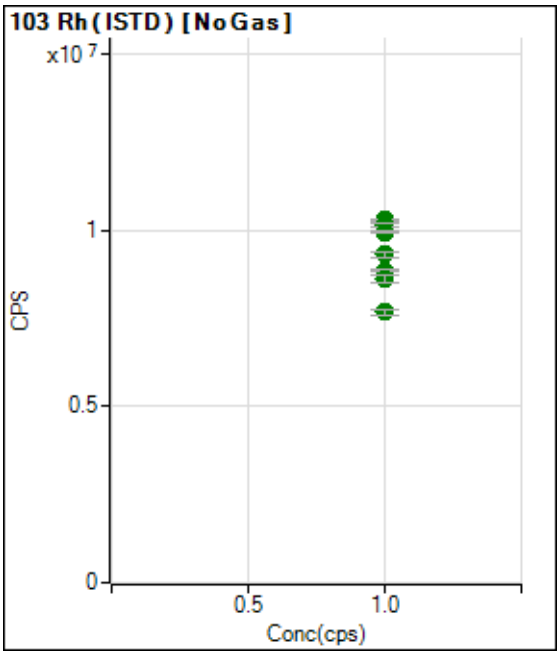


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11876120.80		A	0.5
2	☐	1.000		11940345.24		A	0.5
3	☐	1.000		11860720.79		A	0.2
4	☐	1.000		11738548.30		A	1.4
5	☐	1.000		11154838.86		A	0.5
6	☐	1.000		10719412.48		A	1.1
7	☐	1.000		10732492.13		A	2.4
8	☐	1.000		10048498.25		A	0.8

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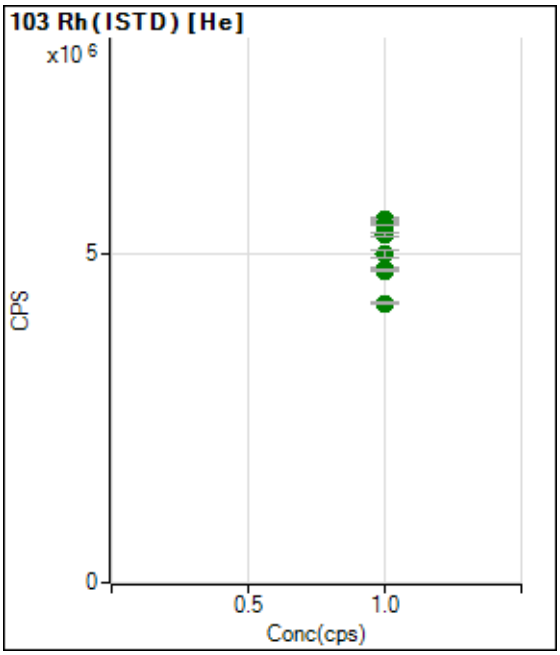


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2797928.50		A	0.3
2	☐	1.000		2794195.41		A	0.5
3	☐	1.000		2763069.40		A	0.0
4	☐	1.000		2686428.26		A	0.9
5	☐	1.000		2559892.15		A	1.9
6	☐	1.000		2487038.54		A	1.9
7	☐	1.000		2510931.82		A	0.6
8	☐	1.000		2387672.38		A	0.5

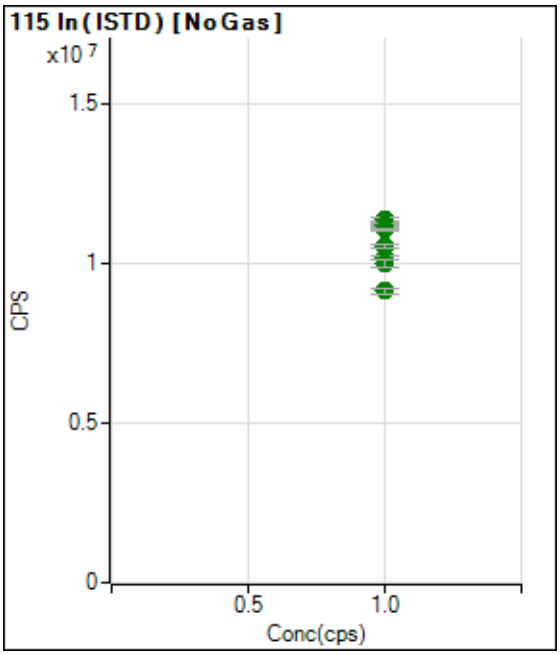


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1	☐	1.000		10293113.25		A	0.9
2	☐	1.000		10308394.85		A	0.3
3	☐	1.000		10179000.61		A	0.9
4	☐	1.000		9969571.80		A	1.0
5	☐	1.000		9330161.88		A	1.7
6	☐	1.000		8864365.43		A	0.7
7	☐	1.000		8610729.11		A	2.4
8	☐	1.000		7676843.85		A	1.5

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

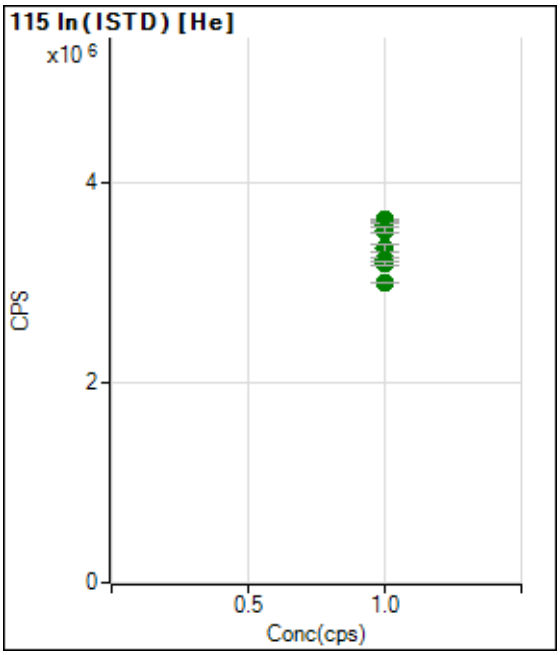


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5506977.76		A	1.3
2	☐	1.000		5504603.39		A	0.8
3	☐	1.000		5428341.03		A	0.2
4	☐	1.000		5284594.85		A	1.6
5	☐	1.000		4991961.77		A	2.4
6	☐	1.000		4763256.87		A	1.2
7	☐	1.000		4740272.95		A	1.1
8	☐	1.000		4238006.40		A	0.8

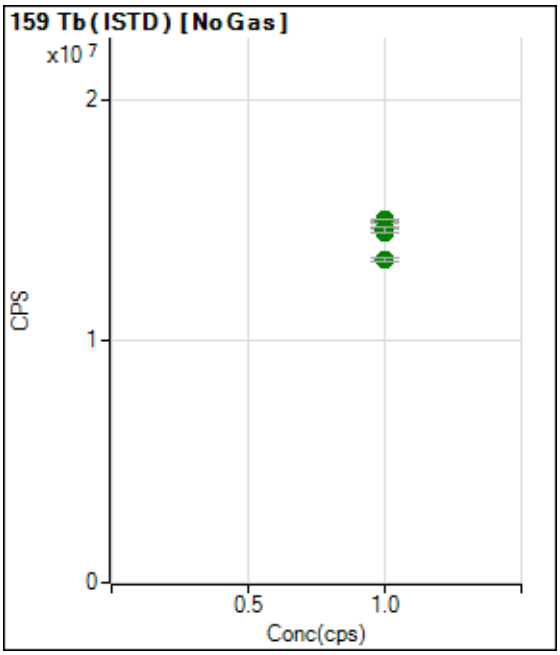


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11240426.03		A	0.7
2	☐	1.000		11364009.95		A	1.0
3	☐	1.000		11226447.08		A	1.0
4	☐	1.000		11064586.88		A	0.7
5	☐	1.000		10561778.43		A	1.0
6	☐	1.000		10174300.07		A	1.0
7	☐	1.000		9996819.52		A	2.9
8	☐	1.000		9126628.67		A	2.4

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

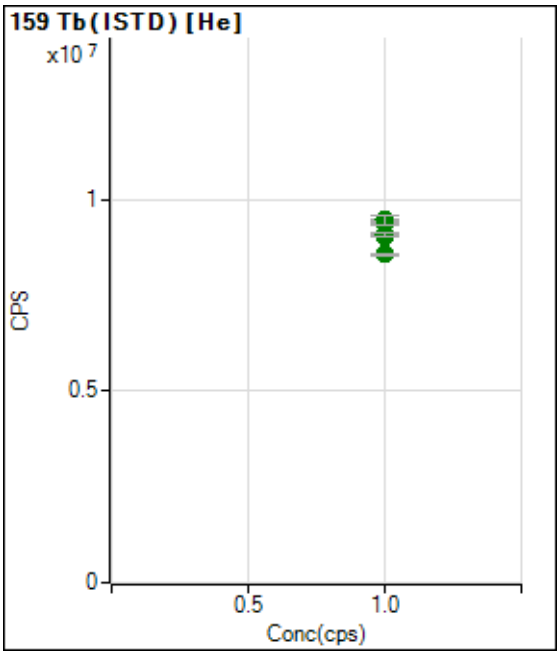


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3626416.08		A	0.8
2	☐	1.000		3609980.45		A	0.5
3	☐	1.000		3571330.79		A	0.9
4	☐	1.000		3525994.06		A	1.2
5	☐	1.000		3347623.43		A	2.0
6	☐	1.000		3227958.13		A	1.4
7	☐	1.000		3194459.27		A	1.2
8	☐	1.000		3000982.38		A	0.2

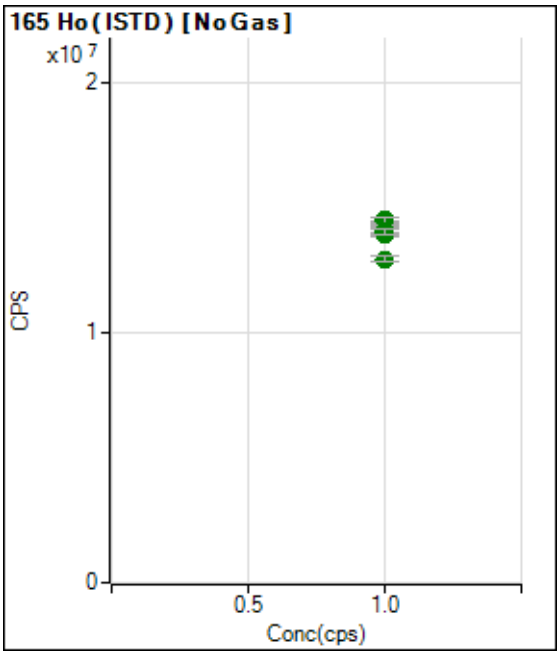


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14917606.45		A	0.6
2	☐	1.000		15016893.11		A	0.9
3	☐	1.000		15020229.08		A	0.2
4	☐	1.000		14954891.44		A	1.2
5	☐	1.000		14593866.03		A	1.3
6	☐	1.000		14489459.78		A	0.3
7	☐	1.000		14621136.45		A	1.8
8	☐	1.000		13377028.83		A	1.6

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
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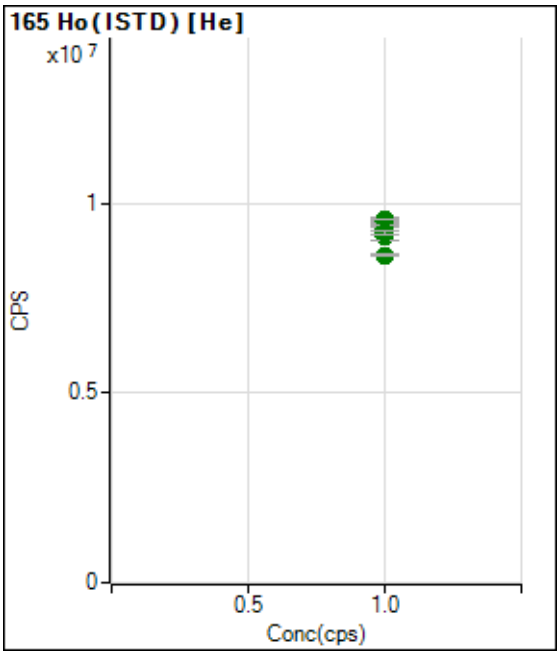


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9388975.48		A	1.3
2	☐	1.000		9451096.04		A	0.9
3	☐	1.000		9472545.69		A	0.2
4	☐	1.000		9467932.78		A	2.7
5	☐	1.000		9056315.91		A	0.7
6	☐	1.000		9058137.43		A	0.9
7	☐	1.000		9091172.23		A	1.1
8	☐	1.000		8564846.82		A	0.4

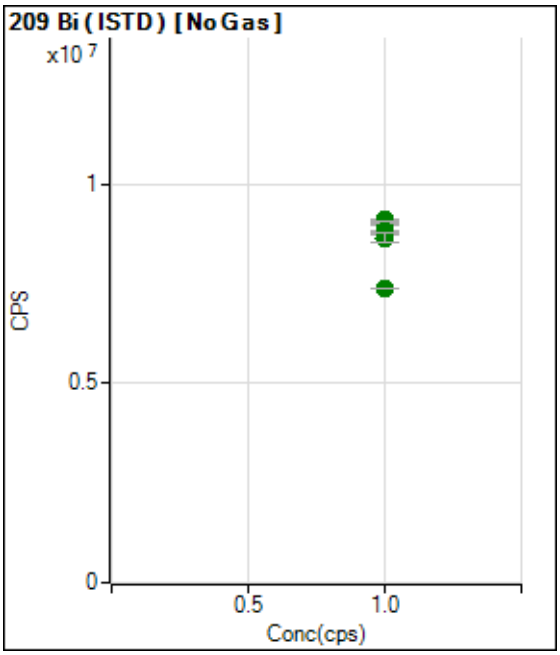


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14248041.87		A	0.4
2	☐	1.000		14427685.06		A	0.8
3	☐	1.000		14503288.95		A	0.9
4	☐	1.000		14456031.73		A	2.0
5	☐	1.000		14063435.76		A	1.0
6	☐	1.000		13923748.54		A	0.7
7	☐	1.000		14022787.15		A	1.9
8	☐	1.000		12939042.72		A	1.9

Reviewed By:mohan
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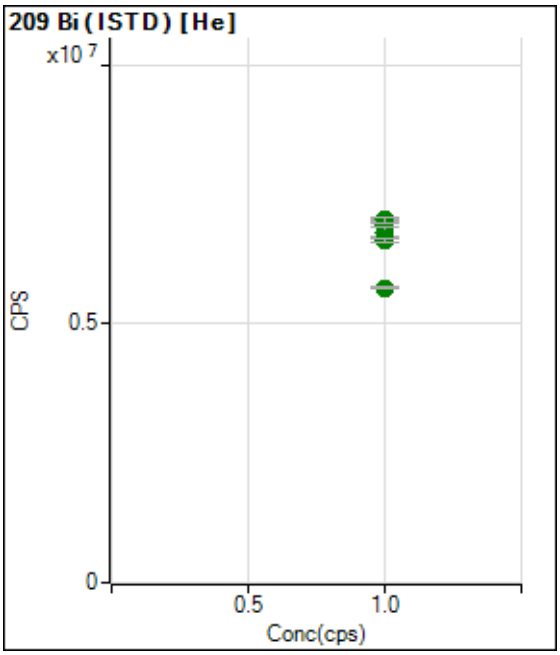


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9457459.09		A	1.8
2	☐	1.000		9495947.36		A	0.5
3	☐	1.000		9568977.71		A	1.0
4	☐	1.000		9521263.19		A	1.3
5	☐	1.000		9315395.28		A	3.1
6	☐	1.000		9120368.13		A	1.6
7	☐	1.000		9228232.85		A	0.8
8	☐	1.000		8633372.09		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9004422.64		A	0.3
2	☐	1.000		9001224.52		A	0.9
3	☐	1.000		9100005.35		A	0.6
4	☐	1.000		9029258.27		A	0.5
5	☐	1.000		8825633.62		A	0.4
6	☐	1.000		8738896.33		A	0.4
7	☐	1.000		8650438.14		A	2.6
8	☐	1.000		7382585.10		A	0.6

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6921980.87		A	1.2
2	☐	1.000		6995593.02		A	0.6
3	☐	1.000		6979789.76		A	0.1
4	☐	1.000		7009474.62		A	1.4
5	☐	1.000		6772682.61		A	2.7
6	☐	1.000		6654588.31		A	0.7
7	☐	1.000		6606151.85		A	0.8
8	☐	1.000		5696528.81		A	0.8

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7100624-MS2.b
Acq. Date-Time	2024-10-06 04:51:48
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		8940	89398.34			0.846	5.000
24		145033	1450333.20			0.577	5.000
25		19240	192398.27			0.284	5.000
26		21257	212568.21			0.586	5.000
59		76218	762184.38			0.990	5.000
113		11590	115901.46			1.021	5.000
115		139269	1392685.38			1.242	5.000
206		28161	281611.65			1.001	5.000
207		25108	251084.18			1.137	5.000
208		59762	597622.77			0.848	5.000
220		0	2.50			61.644	

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

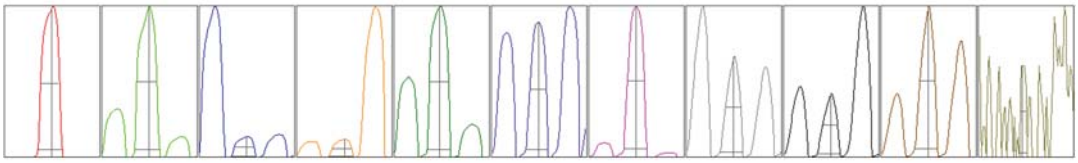
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8995	9041	8918	8876	8869
24	145622	144271	145747	145544	143983
25	19183	19219	19235	19330	19231
26	21173	21435	21339	21150	21187
59	76994	75035	76707	76305	76052
113	11685	11710	11626	11459	11471
115	139562	140936	139743	139770	136332
206	28472	28278	28295	28009	27753
207	25369	25326	25241	24860	24746
208	60305	60129	59915	59159	59304

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	15704.41	9.00	8.90 - 9.10	
24	247079.59	24.00	23.90 - 24.10	
25	32540.23	25.00	24.90 - 25.10	
26	36104.35	26.05	25.90 - 26.10	
59	131071.76	58.95	58.90 - 59.10	
113	22822.29	113.00	112.90 - 113.10	
115	270636.88	115.00	114.90 - 115.10	
206	60325.45	206.00	205.90 - 206.10	
207	54606.77	207.00	206.90 - 207.10	
208	129385.36	208.00	207.90 - 208.10	
220	0.45	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.771	0.900	
24	0.64	0.783	0.900	
25	0.62	0.770	0.900	
26	0.61	0.764	0.900	
59	0.61	0.740	0.900	
113	0.51	0.710	0.900	
115	0.52	0.730	0.900	
206	0.47	0.728	0.900	
207	0.47	0.726	0.900	
208	0.48	0.738	0.900	
220	0.19	0.244		

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	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.2 V	Deflect	16.2 V
Extract 2	-120.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.14		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.7 mV	Analog HV	2384 V	Pulse HV	1668 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		23831	238312.82			0.540	
89		25922	259217.26			0.784	
205		29448	294478.81			0.764	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	24036	23815	23857	23741	23707
89	26234	25967	25926	25740	25742
205	29685	29635	29146	29306	29468

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.7 V	Deflect	3.2 V

US EPA Tune Check Report

Extract 2	-115.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-65 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.14		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm

EM

Discriminator	4.7 mV	Analog HV	2384 V	Pulse HV	1668 V

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:38:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.02	-0.03	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.27	-0.30	0.03	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.02	0.00	0.00	N/A	ppb
Calcium	43-1	-0.38	1.91	-1.53	0.00	N/A	ppb
Calcium	44-1	0.16	-0.13	-0.03	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.03	-0.04	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	0.09	-0.04	-0.05	0.00	N/A	ppb
Iron	57-2	-0.27	-0.52	0.79	0.00	N/A	ppb
Iron	54-2	0.69	-0.51	-0.17	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:38:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	-0.08	0.09	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-14.69	-16.23	-18.48	-16.47		ppb
Potassium	39-2	0.04	-2.47	2.43	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.13	-0.37	0.50	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.35	-1.18	-0.17	0.00	N/A	ppb
Silicon	28-1	-0.11	0.04	0.08	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	-0.03	-0.02	0.05	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	30.19	111.11	42.98	61.43	70.82	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:38:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	-0.02	0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:42:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.71	19.53	17.88	19.04	5.30	ppb
Antimony	121-1	2.08	2.04	1.98	2.03	2.32	ppb
Arsenic	75-2	0.82	1.06	1.05	0.98	14.12	ppb
Barium	135-1	9.61	9.63	9.53	9.59	0.56	ppb
Barium	137-1	9.53	9.45	9.71	9.56	1.39	ppb
Beryllium	9-1	1.08	1.07	1.10	1.08	1.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.02	1.06	1.08	6.33	ppb
Cadmium	106-1	0.63	-0.45	1.76	0.64	171.52	ppb
Cadmium	111-1	1.10	0.94	1.25	1.10	14.13	ppb
Calcium	43-1	522.32	507.31	532.84	520.82	2.46	ppb
Calcium	44-1	508.45	513.36	522.17	514.66	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	1.98	2.12	2.04	3.54	ppb
Cobalt	59-2	1.04	1.12	1.05	1.07	4.20	ppb
Copper	63-2	2.24	2.18	2.12	2.18	2.89	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				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	54.63	54.39	54.33	54.45	0.29	ppb
Iron	57-2	57.54	57.28	59.91	58.24	2.49	ppb
Iron	54-2	60.07	54.95	57.15	57.39	4.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:42:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.81	0.84	0.88	0.84	4.39	ppb
Lead	207-1	0.82	0.83	0.85	0.83	2.08	ppb
Lead	208-1	0.82	0.83	0.86	0.84	2.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	528.96	528.57	523.83	527.12	0.54	ppb
Manganese	55-2	0.98	0.99	1.12	1.03	7.49	ppb
Molybdenum	94-1	5.54	5.38	5.53	5.48	1.64	ppb
Molybdenum	95-1	4.48	4.71	4.68	4.62	2.69	ppb
Molybdenum	96-1	4.61	4.57	4.84	4.67	3.20	ppb
Molybdenum	97-1	4.65	4.56	4.59	4.60	0.95	ppb
Molybdenum	98-1	4.73	4.62	4.68	4.68	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.25	1.05	1.13	9.04	ppb
Phosphorus	31-2	19.72	11.52	18.15	16.47	26.44	ppb
Potassium	39-2	518.72	517.81	514.17	516.90	0.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.07	5.18	5.43	5.22	3.53	ppb
Selenium	77-2	6.72	5.27	6.72	6.24	13.38	ppb
Selenium	78-2	4.13	3.88	3.91	3.97	3.36	ppb
Silicon	28-1	1.11	1.11	1.35	1.19	11.61	ppb
Silver	107-1	0.96	1.03	1.05	1.01	4.84	ppb
Silver	109-1	1.00	1.02	1.07	1.03	3.18	ppb
Sodium	23-2	491.39	497.89	498.31	495.86	0.78	ppb
Strontium	86-1	1.00	1.01	1.01	1.01	0.38	ppb
Strontium	88-1	0.95	0.96	0.96	0.96	0.58	ppb
Sulfur	34-1	-85.10	-93.24	-5.94	-61.43		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.85	0.89	0.88	0.88	2.27	ppb
Thallium	205-1	0.84	0.85	0.85	0.85	0.87	ppb
Tin	118-1	4.91	4.93	5.01	4.95	1.12	ppb
Titanium	47-1	4.91	4.73	5.07	4.90	3.45	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:42:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.80	0.80	1.08	ppb
Vanadium	51-2	5.22	5.20	4.96	5.12	2.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5.36	5.55	5.40	5.43	1.84	ppb
Zirconium	90-1	0.97	0.95	0.98	0.97	1.62	ppb
Zirconium	91-1	0.98	1.03	0.92	0.98	5.67	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:45:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1044.55	1044.01	1030.63	1039.73	0.76	ppb
Antimony	121-1	51.56	52.66	51.91	52.04	1.09	ppb
Arsenic	75-2	51.06	54.25	52.97	52.76	3.05	ppb
Barium	135-1	251.01	251.19	250.86	251.02	0.07	ppb
Barium	137-1	250.76	252.79	253.55	252.37	0.57	ppb
Beryllium	9-1	53.04	54.85	54.09	53.99	1.68	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.82	55.82	58.29	56.31	3.17	ppb
Cadmium	106-1	54.04	54.72	53.75	54.17	0.92	ppb
Cadmium	111-1	54.42	54.48	55.12	54.67	0.71	ppb
Calcium	43-1	5335.99	5436.58	5467.81	5413.46	1.27	ppb
Calcium	44-1	4963.14	5001.06	5054.65	5006.28	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.37	52.03	52.66	52.35	0.60	ppb
Cobalt	59-2	52.58	53.30	53.10	52.99	0.70	ppb
Copper	63-2	538.28	538.11	535.76	537.39	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2635.44	2637.27	2602.91	2625.21	0.74	ppb
Iron	57-2	2842.51	2838.28	2826.47	2835.75	0.29	ppb
Iron	54-2	2901.44	2841.22	2854.82	2865.83	1.10	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:45:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	222.40	225.80	223.78	223.99	0.76	ppb
Lead	207-1	220.51	223.76	221.63	221.97	0.74	ppb
Lead	208-1	233.68	237.51	233.55	234.91	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	5176.94	5189.23	5143.38	5169.85	0.46	ppb
Manganese	55-2	526.02	524.06	522.67	524.25	0.32	ppb
Molybdenum	94-1	511.26	514.53	515.81	513.87	0.46	ppb
Molybdenum	95-1	498.15	506.22	510.74	505.03	1.26	ppb
Molybdenum	96-1	502.21	504.61	503.20	503.34	0.24	ppb
Molybdenum	97-1	508.13	511.35	512.69	510.72	0.46	ppb
Molybdenum	98-1	506.01	504.51	508.01	506.18	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.63	54.37	53.79	53.93	0.73	ppb
Phosphorus	31-2	1005.63	1062.46	1044.27	1037.46	2.80	ppb
Potassium	39-2	2712.25	2750.03	2717.67	2726.65	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	50.08	52.29	53.23	51.87	3.12	ppb
Selenium	77-2	60.22	48.81	51.50	53.51	11.14	ppb
Selenium	78-2	51.49	51.45	48.01	50.31	3.98	ppb
Silicon	28-1	50.08	50.72	51.31	50.70	1.21	ppb
Silver	107-1	55.02	55.94	55.89	55.61	0.93	ppb
Silver	109-1	55.60	55.84	56.16	55.87	0.50	ppb
Sodium	23-2	4953.63	4877.08	4844.43	4891.72	1.15	ppb
Strontium	86-1	1278.67	1286.14	1282.86	1282.56	0.29	ppb
Strontium	88-1	1257.61	1256.76	1267.53	1260.63	0.47	ppb
Sulfur	34-1	1005.47	1047.08	1082.82	1045.12	3.70	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	44.56	45.49	44.87	44.97	1.06	ppb
Thallium	205-1	44.07	44.55	44.32	44.31	0.55	ppb
Tin	118-1	52.50	52.86	52.37	52.58	0.49	ppb
Titanium	47-1	508.45	511.68	520.26	513.46	1.19	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:45:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.73	42.63	42.10	42.15	1.07	ppb
Vanadium	51-2	51.59	52.05	51.64	51.76	0.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	531.71	530.42	523.83	528.65	0.80	ppb
Zirconium	90-1	50.46	51.12	50.89	50.82	0.66	ppb
Zirconium	91-1	50.49	51.16	51.57	51.07	1.06	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:48:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2604.38	2579.51	2636.25	2606.71	1.09	ppb
Antimony	121-1	131.34	130.43	131.99	131.25	0.60	ppb
Arsenic	75-2	133.11	132.03	132.06	132.40	0.46	ppb
Barium	135-1	639.66	631.57	636.74	635.99	0.64	ppb
Barium	137-1	657.54	660.84	658.12	658.84	0.27	ppb
Beryllium	9-1	135.08	136.93	136.07	136.02	0.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.73	134.04	141.25	137.67	2.62	ppb
Cadmium	106-1	140.99	136.15	137.27	138.14	1.83	ppb
Cadmium	111-1	138.73	136.40	139.23	138.12	1.10	ppb
Calcium	43-1	13626.78	13784.05	13900.55	13770.46	1.00	ppb
Calcium	44-1	12516.76	12900.17	12504.27	12640.40	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.82	128.70	132.05	131.19	1.67	ppb
Cobalt	59-2	132.63	130.72	132.03	131.79	0.74	ppb
Copper	63-2	1344.18	1306.37	1349.19	1333.25	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6645.37	6501.30	6768.82	6638.50	2.02	ppb
Iron	57-2	7079.12	7039.41	7135.40	7084.64	0.68	ppb
Iron	54-2	7174.05	7147.31	7213.79	7178.38	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:48:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	621.66	622.20	631.92	625.26	0.92	ppb
Lead	207-1	625.45	628.65	634.12	629.41	0.70	ppb
Lead	208-1	623.13	633.96	633.48	630.19	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	12654.28	12539.17	12569.50	12587.65	0.47	ppb
Manganese	55-2	1265.67	1267.64	1296.53	1276.62	1.35	ppb
Molybdenum	94-1	1257.56	1281.23	1302.09	1280.29	1.74	ppb
Molybdenum	95-1	1259.77	1270.10	1292.31	1274.06	1.30	ppb
Molybdenum	96-1	1262.05	1273.25	1293.77	1276.36	1.26	ppb
Molybdenum	97-1	1271.55	1282.77	1287.93	1280.75	0.65	ppb
Molybdenum	98-1	1251.27	1276.01	1280.87	1269.38	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.26	132.14	136.67	134.02	1.76	ppb
Phosphorus	31-2	2550.05	2506.05	2637.76	2564.62	2.61	ppb
Potassium	39-2	6421.67	6281.63	6349.47	6350.92	1.10	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	129.94	129.47	135.73	131.71	2.65	ppb
Selenium	77-2	136.17	134.98	123.99	131.71	5.10	ppb
Selenium	78-2	132.20	134.63	131.56	132.80	1.22	ppb
Silicon	28-1	123.26	127.90	125.12	125.43	1.86	ppb
Silver	107-1	141.47	138.16	140.86	140.16	1.26	ppb
Silver	109-1	140.86	137.78	139.39	139.34	1.10	ppb
Sodium	23-2	12383.80	12416.90	12360.79	12387.16	0.23	ppb
Strontium	86-1	3167.96	3208.55	3230.25	3202.25	0.99	ppb
Strontium	88-1	3103.45	3213.82	3219.74	3179.01	2.06	ppb
Sulfur	34-1	2664.26	2724.86	2719.58	2702.90	1.24	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	114.17	114.66	115.95	114.93	0.80	ppb
Thallium	205-1	124.57	124.19	125.36	124.71	0.48	ppb
Tin	118-1	133.20	131.36	133.27	132.61	0.82	ppb
Titanium	47-1	1302.48	1328.77	1333.94	1321.73	1.28	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:48:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	122.84	121.92	121.73	122.16	0.49	ppb
Vanadium	51-2	130.05	128.69	130.91	129.89	0.86	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	1329.56	1314.34	1334.89	1326.26	0.80	ppb
Zirconium	90-1	125.31	129.00	130.73	128.35	2.16	ppb
Zirconium	91-1	127.14	129.12	131.25	129.17	1.59	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:51:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5118.97	5205.50	5208.10	5177.52	0.98	ppb
Antimony	121-1	259.84	259.48	258.83	259.39	0.20	ppb
Arsenic	75-2	246.85	256.01	257.06	253.31	2.22	ppb
Barium	135-1	1268.48	1273.29	1310.46	1284.08	1.79	ppb
Barium	137-1	1262.25	1271.97	1278.00	1270.74	0.63	ppb
Beryllium	9-1	253.19	255.66	257.70	255.52	0.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	259.85	264.07	265.39	263.10	1.10	ppb
Cadmium	106-1	260.57	261.83	271.49	264.63	2.26	ppb
Cadmium	111-1	264.39	260.79	265.00	263.39	0.86	ppb
Calcium	43-1	26490.97	26177.11	26634.15	26434.08	0.88	ppb
Calcium	44-1	24784.09	24317.41	24631.89	24577.80	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.30	260.95	255.79	258.35	1.00	ppb
Cobalt	59-2	257.73	259.96	257.25	258.31	0.56	ppb
Copper	63-2	2569.50	2603.99	2561.15	2578.21	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	12921.11	13127.98	13219.46	13089.52	1.17	ppb
Iron	57-2	13878.08	14145.03	13956.37	13993.16	0.98	ppb
Iron	54-2	13986.84	14244.78	14281.21	14170.94	1.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:51:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1235.66	1222.81	1218.97	1225.81	0.71	ppb
Lead	207-1	1241.14	1228.90	1222.56	1230.86	0.77	ppb
Lead	208-1	1227.02	1226.68	1220.02	1224.57	0.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	24531.73	25168.83	24999.45	24900.00	1.33	ppb
Manganese	55-2	2494.36	2553.89	2558.47	2535.57	1.41	ppb
Molybdenum	94-1	2466.74	2507.35	2488.79	2487.63	0.82	ppb
Molybdenum	95-1	2481.34	2501.08	2504.22	2495.54	0.50	ppb
Molybdenum	96-1	2488.71	2470.80	2492.71	2484.08	0.47	ppb
Molybdenum	97-1	2507.57	2479.33	2484.15	2490.35	0.61	ppb
Molybdenum	98-1	2512.71	2527.06	2496.89	2512.22	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.69	260.73	263.55	260.32	1.32	ppb
Phosphorus	31-2	5184.37	5139.78	5159.11	5161.09	0.43	ppb
Potassium	39-2	12549.08	12584.16	12497.30	12543.51	0.35	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	253.81	257.46	256.39	255.89	0.73	ppb
Selenium	77-2	243.96	272.72	258.10	258.26	5.57	ppb
Selenium	78-2	246.76	261.23	252.93	253.64	2.86	ppb
Silicon	28-1	269.11	266.58	269.56	268.42	0.60	ppb
Silver	107-1	270.67	264.95	271.02	268.88	1.27	ppb
Silver	109-1	268.04	264.76	269.89	267.56	0.97	ppb
Sodium	23-2	24566.73	24651.46	24983.81	24734.00	0.89	ppb
Strontium	86-1	6295.61	6308.29	6311.96	6305.29	0.14	ppb
Strontium	88-1	6212.67	6252.49	6193.53	6219.57	0.48	ppb
Sulfur	34-1	5044.43	4799.16	5013.57	4952.39	2.70	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	225.69	226.89	225.88	226.15	0.29	ppb
Thallium	205-1	245.58	245.65	239.23	243.49	1.51	ppb
Tin	118-1	251.77	252.53	256.36	253.55	0.97	ppb
Titanium	47-1	2548.86	2465.42	2512.03	2508.77	1.67	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:51:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	239.23	242.97	242.89	241.70	0.88	ppb
Vanadium	51-2	253.85	256.37	256.94	255.72	0.64	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	2617.84	2666.97	2620.63	2635.15	1.05	ppb
Zirconium	90-1	247.77	250.50	253.40	250.56	1.12	ppb
Zirconium	91-1	250.24	254.77	250.89	251.97	0.97	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:54:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10124.31	10147.98	10143.53	10138.61	0.12	ppb
Antimony	121-1	497.66	495.77	495.80	496.41	0.22	ppb
Arsenic	75-2	487.71	501.24	500.49	496.48	1.53	ppb
Barium	135-1	2496.12	2481.02	2461.73	2479.62	0.70	ppb
Barium	137-1	2489.98	2483.15	2452.32	2475.15	0.81	ppb
Beryllium	9-1	494.13	496.11	504.40	498.21	1.09	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	510.23	500.97	497.23	502.81	1.33	ppb
Cadmium	106-1	498.76	505.92	506.03	503.57	0.83	ppb
Cadmium	111-1	500.79	503.34	506.64	503.59	0.58	ppb
Calcium	43-1	51628.99	53093.69	52267.77	52330.15	1.40	ppb
Calcium	44-1	47842.70	49066.95	48046.55	48318.73	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.02	506.25	506.53	506.27	0.05	ppb
Cobalt	59-2	489.41	497.79	498.26	495.15	1.01	ppb
Copper	63-2	5004.01	5015.82	5013.75	5011.19	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				98		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	25772.88	26168.07	25740.61	25893.85	0.92	ppb
Iron	57-2	27346.10	27477.60	27406.98	27410.22	0.24	ppb
Iron	54-2	26245.50	26377.55	26136.18	26253.08	0.46	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:54:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2413.72	2443.77	2459.53	2439.01	0.95	ppb
Lead	207-1	2424.70	2451.42	2465.47	2447.19	0.85	ppb
Lead	208-1	2425.42	2458.82	2459.65	2447.97	0.80	ppb
Lithium	6-1				96		%
Magnesium	24-2	48769.98	48999.53	49401.96	49057.16	0.65	ppb
Manganese	55-2	5030.85	4989.78	4975.52	4998.72	0.57	ppb
Molybdenum	94-1	4854.44	4955.45	4949.03	4919.64	1.15	ppb
Molybdenum	95-1	4866.83	4991.07	5022.45	4960.12	1.66	ppb
Molybdenum	96-1	4869.24	4977.08	5009.39	4951.90	1.48	ppb
Molybdenum	97-1	4885.46	4998.95	5028.73	4971.05	1.52	ppb
Molybdenum	98-1	4918.51	4950.00	5037.58	4968.70	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.29	506.25	501.77	503.10	0.54	ppb
Phosphorus	31-2	9912.81	10249.23	9970.14	10044.06	1.79	ppb
Potassium	39-2	24393.75	24317.18	24455.90	24388.94	0.28	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	490.73	504.31	504.56	499.86	1.58	ppb
Selenium	77-2	536.25	488.25	519.83	514.78	4.74	ppb
Selenium	78-2	487.03	489.00	507.42	494.48	2.27	ppb
Silicon	28-1	519.92	531.50	524.81	525.41	1.11	ppb
Silver	107-1	502.36	502.79	504.80	503.32	0.26	ppb
Silver	109-1	513.90	506.35	508.98	509.74	0.75	ppb
Sodium	23-2	49215.08	49190.31	49415.81	49273.73	0.25	ppb
Strontium	86-1	12174.09	12363.88	12479.51	12339.16	1.25	ppb
Strontium	88-1	12262.37	12347.10	12372.51	12327.32	0.47	ppb
Sulfur	34-1	9526.62	9894.38	9729.31	9716.77	1.90	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	489.89	497.30	495.71	494.30	0.79	ppb
Thallium	205-1	481.08	486.32	494.43	487.28	1.38	ppb
Tin	118-1	505.86	496.31	496.58	499.58	1.09	ppb
Titanium	47-1	4873.97	4998.94	4956.55	4943.15	1.29	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:54:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	478.26	487.14	491.84	485.75	1.42	ppb
Vanadium	51-2	505.51	506.38	504.77	505.55	0.16	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	4958.53	5054.67	5133.26	5048.82	1.73	ppb
Zirconium	90-1	483.72	495.87	494.59	491.39	1.36	ppb
Zirconium	91-1	491.49	502.63	504.82	499.65	1.43	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:57:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19788.85	19620.21	19598.03	19669.03	0.53	ppb
Antimony	121-1	1009.92	994.62	991.15	998.56	1.00	ppb
Arsenic	75-2	1009.28	997.93	992.40	999.87	0.86	ppb
Barium	135-1	5015.02	5037.38	4948.33	5000.24	0.93	ppb
Barium	137-1	5040.31	5037.82	4930.55	5002.89	1.25	ppb
Beryllium	9-1	1005.17	999.07	989.57	997.94	0.79	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	989.46	1002.93	987.87	993.42	0.83	ppb
Cadmium	106-1	1004.91	994.95	978.26	992.71	1.36	ppb
Cadmium	111-1	1006.84	989.09	983.02	992.98	1.25	ppb
Calcium	43-1	101777.72	99109.84	98585.12	99824.22	1.72	ppb
Calcium	44-1	100005.35	97928.23	97508.71	98480.76	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	988.88	1004.75	988.03	993.89	0.95	ppb
Cobalt	59-2	1001.50	1006.33	990.21	999.35	0.83	ppb
Copper	63-2	10014.87	9991.56	9881.29	9962.58	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	51973.17	52007.83	51088.23	51689.74	1.01	ppb
Iron	57-2	52260.03	51921.37	51077.90	51753.10	1.18	ppb
Iron	54-2	52384.84	52332.57	52020.30	52245.91	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:57:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5132.19	4991.36	4989.88	5037.81	1.62	ppb
Lead	207-1	5115.16	5012.79	4968.17	5032.04	1.50	ppb
Lead	208-1	5125.88	4978.50	4993.06	5032.48	1.61	ppb
Lithium	6-1				95		%
Magnesium	24-2	98889.66	99112.11	97639.16	98546.98	0.81	ppb
Manganese	55-2	10025.38	10028.96	9907.29	9987.21	0.69	ppb
Molybdenum	94-1	10213.61	9989.57	9913.20	10038.79	1.56	ppb
Molybdenum	95-1	10187.97	9963.39	9902.03	10017.80	1.50	ppb
Molybdenum	96-1	10213.08	9950.52	9910.11	10024.57	1.64	ppb
Molybdenum	97-1	10212.15	9940.14	9885.24	10012.51	1.75	ppb
Molybdenum	98-1	10159.25	9918.92	9951.42	10009.86	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.99	1002.77	985.87	994.54	0.85	ppb
Phosphorus	31-2	19954.70	19960.89	19867.66	19927.75	0.26	ppb
Potassium	39-2	49235.44	49257.05	48752.70	49081.73	0.58	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	1017.51	993.34	982.14	997.66	1.81	ppb
Selenium	77-2	1006.13	984.97	977.47	989.53	1.50	ppb
Selenium	78-2	996.41	996.72	1009.46	1000.86	0.74	ppb
Silicon	28-1	1002.87	974.04	971.17	982.69	1.78	ppb
Silver	107-1	1005.39	984.28	984.66	991.45	1.22	ppb
Silver	109-1	1007.47	981.15	977.34	988.65	1.66	ppb
Sodium	23-2	100196.02	99944.34	98864.22	99668.20	0.71	ppb
Strontium	86-1	25479.00	24765.44	24921.50	25055.32	1.50	ppb
Strontium	88-1	25702.74	24958.60	24598.65	25086.66	2.24	ppb
Sulfur	34-1	20372.55	20099.73	19905.41	20125.90	1.17	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	1037.44	1002.37	991.16	1010.32	2.39	ppb
Thallium	205-1	1024.62	1007.20	993.12	1008.31	1.56	ppb
Tin	118-1	1008.92	1000.49	985.31	998.24	1.20	ppb
Titanium	47-1	10104.71	10026.35	9918.71	10016.59	0.93	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:57:22	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1018.77	1007.19	1003.89	1009.95	0.77	ppb
Vanadium	51-2	988.49	1009.82	986.97	995.09	1.28	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	9885.35	10037.38	9869.78	9930.84	0.93	ppb
Zirconium	90-1	1022.97	998.69	989.45	1003.70	1.72	ppb
Zirconium	91-1	1015.68	987.82	993.83	999.11	1.47	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:00:07	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100258.01	99879.13	99984.03	100040.39	0.20	ppb
Antimony	121-1	0.80	0.81	0.85	0.82	3.12	ppb
Arsenic	75-2	0.70	0.63	0.49	0.61	18.03	ppb
Barium	135-1	2.01	2.23	2.20	2.14	5.65	ppb
Barium	137-1	2.13	2.18	2.04	2.12	3.30	ppb
Beryllium	9-1	0.29	0.23	0.21	0.24	18.34	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.44	0.44	0.46	6.33	ppb
Cadmium	106-1	-0.38	-0.16	-0.95	-0.50		ppb
Cadmium	111-1	0.12	0.17	0.12	0.13	21.53	ppb
Calcium	43-1	490582.87	507730.46	500770.23	499694.52	1.73	ppb
Calcium	44-1	489284.47	510680.77	501503.25	500489.50	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.94	3.89	3.89	1.09	ppb
Cobalt	59-2	2.67	2.80	2.52	2.66	5.18	ppb
Copper	63-2	69.48	69.49	68.09	69.02	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				91		%
Indium	115-1				81		%
Indium	115-2				83		%
Iron	56-2	248137.24	251362.33	249097.11	249532.23	0.66	ppb
Iron	57-2	251333.26	249938.11	246657.04	249309.47	0.96	ppb
Iron	54-2	249006.35	250714.05	248224.88	249315.09	0.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:00:07	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.30	1.28	1.24	1.27	2.21	ppb
Lead	207-1	1.32	1.32	1.26	1.30	2.82	ppb
Lead	208-1	1.31	1.28	1.24	1.28	2.99	ppb
Lithium	6-1				91		%
Magnesium	24-2	499102.96	503045.07	499009.89	500385.97	0.46	ppb
Manganese	55-2	5.06	5.05	4.75	4.95	3.54	ppb
Molybdenum	94-1	3.07	3.18	3.01	3.09	2.71	ppb
Molybdenum	95-1	2.37	2.35	2.32	2.35	1.06	ppb
Molybdenum	96-1	3.94	3.84	3.83	3.87	1.57	ppb
Molybdenum	97-1	2.23	2.24	2.21	2.23	0.75	ppb
Molybdenum	98-1	2.09	2.14	2.14	2.12	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	4.73	4.79	4.85	3.38	ppb
Phosphorus	31-2	-3.15	-6.40	-0.95	-3.50		ppb
Potassium	39-2	250785.50	249640.96	250286.82	250237.76	0.23	ppb
Rhodium	103-1				75		%
Rhodium	103-2				77		%
Scandium	45-1				83		%
Scandium	45-2				86		%
Selenium	82-1	1.12	1.05	0.99	1.06	6.12	ppb
Selenium	77-2	0.44	0.00	0.88	0.44	100.39	ppb
Selenium	78-2	-0.62	-0.62	0.21	-0.34		ppb
Silicon	28-1	5.59	5.90	5.66	5.72	2.78	ppb
Silver	107-1	0.15	0.15	0.13	0.14	8.13	ppb
Silver	109-1	0.17	0.15	0.12	0.15	18.85	ppb
Sodium	23-2	501119.89	497150.21	502198.48	500156.20	0.53	ppb
Strontium	86-1	4.33	4.25	4.24	4.28	1.15	ppb
Strontium	88-1	4.30	4.28	4.10	4.23	2.53	ppb
Sulfur	34-1	-248.34	-10.34	-105.85	-121.51		ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.17	0.15	0.15	0.15	8.30	ppb
Thallium	205-1	0.17	0.14	0.13	0.15	12.58	ppb
Tin	118-1	1.22	1.27	1.27	1.25	2.47	ppb
Titanium	47-1	2.03	2.18	2.38	2.20	7.88	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:00:07	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.05	0.05	10.81	ppb
Vanadium	51-2	0.25	0.18	0.22	0.21	18.27	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%
Zinc	66-2	4.52	4.80	4.69	4.67	3.01	ppb
Zirconium	90-1	0.65	0.69	0.68	0.67	2.67	ppb
Zirconium	91-1	0.65	0.63	0.60	0.63	3.80	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICV012	Instrumnet Name :	P7
Client Sample ID :	ICV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:29:33	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.36	494.21	491.50	493.02	0.28	ppb
Antimony	121-1	198.10	198.92	199.79	198.93	0.42	ppb
Arsenic	75-2	199.96	204.02	202.56	202.18	1.02	ppb
Barium	135-1	94.87	96.93	96.38	96.06	1.11	ppb
Barium	137-1	96.40	97.13	96.66	96.73	0.39	ppb
Beryllium	9-1	102.59	105.38	104.63	104.20	1.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	113.35	115.75	115.04	114.71	1.08	ppb
Cadmium	106-1	88.44	89.14	86.21	87.93	1.74	ppb
Cadmium	111-1	105.81	105.32	105.19	105.44	0.31	ppb
Calcium	43-1	2188.97	2163.21	2132.95	2161.71	1.30	ppb
Calcium	44-1	2014.22	2075.46	2150.41	2080.03	3.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.81	102.59	103.21	102.87	0.30	ppb
Cobalt	59-2	103.31	102.64	102.48	102.81	0.43	ppb
Copper	63-2	97.56	97.74	97.55	97.62	0.11	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				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	2013.53	2016.65	2010.45	2013.55	0.15	ppb
Iron	57-2	2150.07	2128.21	2137.12	2138.47	0.51	ppb
Iron	54-2	2212.63	2230.17	2205.40	2216.07	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICV012	Instrumnet Name :	P7
Client Sample ID :	ICV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:29:33	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	187.18	189.99	191.85	189.67	1.24	ppb
Lead	207-1	179.00	181.79	184.10	181.63	1.41	ppb
Lead	208-1	192.10	195.79	196.71	194.87	1.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	1215.74	1210.77	1219.49	1215.33	0.36	ppb
Manganese	55-2	104.10	104.18	104.66	104.31	0.29	ppb
Molybdenum	94-1	3851.02	3825.56	3831.29	3835.95	0.35	ppb
Molybdenum	95-1	4645.47	4646.25	4662.64	4651.45	0.21	ppb
Molybdenum	96-1	4554.46	4577.96	4557.90	4563.44	0.28	ppb
Molybdenum	97-1	4626.06	4673.25	4643.39	4647.56	0.51	ppb
Molybdenum	98-1	4642.62	4705.68	4604.18	4650.83	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.07	106.68	105.95	107.23	1.53	ppb
Phosphorus	31-2	-10.23	-14.75	-17.80	-14.26		ppb
Potassium	39-2	2049.95	2044.84	2043.51	2046.10	0.17	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	202.90	200.99	201.93	201.94	0.47	ppb
Selenium	77-2	195.32	224.70	211.03	210.35	6.99	ppb
Selenium	78-2	206.75	208.28	205.44	206.82	0.69	ppb
Silicon	28-1	-0.40	-0.32	-0.07	-0.26		ppb
Silver	107-1	51.19	51.00	51.78	51.32	0.79	ppb
Silver	109-1	51.17	51.63	51.64	51.48	0.52	ppb
Sodium	23-2	1998.09	2016.12	2019.68	2011.30	0.58	ppb
Strontium	86-1	12469.21	12579.93	12569.67	12539.60	0.49	ppb
Strontium	88-1	12442.04	12487.12	12425.22	12451.46	0.26	ppb
Sulfur	34-1	-144.19	-27.03	-23.48	-64.90		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	192.35	195.96	198.47	195.60	1.57	ppb
Thallium	205-1	209.19	212.71	213.88	211.92	1.15	ppb
Tin	118-1	0.25	0.24	0.25	0.25	2.85	ppb
Titanium	47-1	0.29	0.27	0.23	0.26	12.75	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICV012	Instrumnet Name :	P7
Client Sample ID :	ICV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:29:33	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	11.43	ppb
Vanadium	51-2	98.44	98.42	98.79	98.55	0.21	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	200.39	200.24	203.10	201.24	0.80	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.32	ppb
Zirconium	91-1	0.06	0.07	0.09	0.07	17.82	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICB012	Instrumnet Name :	P7
Client Sample ID :	ICB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:40:32	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	-0.19	-0.12	-0.11		ppb
Antimony	121-1	0.01	0.02	0.04	0.03	55.03	ppb
Arsenic	75-2	-0.01	-0.04	0.00	-0.02		ppb
Barium	135-1	0.00	0.00	0.01	0.00	228.69	ppb
Barium	137-1	0.00	0.00	0.00	0.00	551.01	ppb
Beryllium	9-1	-0.01	0.01	0.02	0.01	162.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.04	-0.01	-0.01		ppb
Cadmium	106-1	-1.33	-1.08	-2.31	-1.57		ppb
Cadmium	111-1	-0.10	-0.08	-0.16	-0.11		ppb
Calcium	43-1	-2.63	-1.22	-4.81	-2.89		ppb
Calcium	44-1	-2.94	-2.26	-3.21	-2.80		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	0.00	644.70	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	52.83	ppb
Copper	63-2	-0.01	-0.01	-0.04	-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				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	-0.03	0.07	0.02	0.02	217.68	ppb
Iron	57-2	-1.57	-1.46	1.36	-0.56		ppb
Iron	54-2	1.19	0.48	1.00	0.89	41.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICB012	Instrumnet Name :	P7
Client Sample ID :	ICB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:40:32	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.04	0.05	0.04	22.29	ppb
Lead	207-1	0.03	0.02	0.03	0.02	26.59	ppb
Lead	208-1	0.02	0.03	0.03	0.03	21.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.24	1.00	1.57	1.27	22.40	ppb
Manganese	55-2	-0.05	-0.05	-0.03	-0.04		ppb
Molybdenum	94-1	0.03	0.04	0.06	0.05	35.77	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	17.29	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.04	27.74	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	45.88	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	34.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	-10.93	-15.30	-11.37	-12.53		ppb
Potassium	39-2	4.09	2.44	4.75	3.76	31.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.26	-0.23	0.41	0.15	228.63	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.19	0.54	-1.95	-0.87		ppb
Silicon	28-1	-0.47	-0.15	-0.27	-0.30		ppb
Silver	107-1	0.01	0.00	0.00	0.00	294.20	ppb
Silver	109-1	0.01	0.00	0.00	0.00	138.30	ppb
Sodium	23-2	5.28	5.33	5.46	5.36	1.70	ppb
Strontium	86-1	0.05	0.04	0.07	0.05	31.30	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	21.74	ppb
Sulfur	34-1	78.37	162.08	187.52	142.66	40.03	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.01	0.00	0.00	81.74	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	46.34	ppb
Tin	118-1	0.01	0.00	0.01	0.00	76.47	ppb
Titanium	47-1	0.04	0.00	0.04	0.03	76.58	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICB012	Instrumnet Name :	P7
Client Sample ID :	ICB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:40:32	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	-0.04	-0.10	-0.04	-0.06		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	52.76	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	84.46	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSA012	Instrumnet Name :	P7
Client Sample ID :	ICSA012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:44:22	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94258.17	93891.13	94659.29	94269.53	0.41	ppb
Antimony	121-1	1.18	1.12	1.16	1.15	2.34	ppb
Arsenic	75-2	0.29	0.43	0.37	0.36	18.73	ppb
Barium	135-1	1.37	1.42	1.40	1.39	1.87	ppb
Barium	137-1	1.34	1.40	1.40	1.38	2.62	ppb
Beryllium	9-1	0.34	0.28	0.31	0.31	8.27	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.65	8.23	7.51	8.13	7.08	ppb
Cadmium	106-1	-1.45	-2.23	-2.86	-2.18		ppb
Cadmium	111-1	0.21	0.17	0.13	0.17	26.15	ppb
Calcium	43-1	96849.38	98412.15	97899.05	97720.20	0.82	ppb
Calcium	44-1	96219.41	96838.66	97828.20	96962.09	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.47	21.17	21.16	20.94	1.92	ppb
Cobalt	59-2	1.28	1.33	1.34	1.32	2.34	ppb
Copper	63-2	7.76	7.82	7.95	7.84	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	104610.83	105263.73	106287.73	105387.43	0.80	ppb
Iron	57-2	103400.58	104714.76	106157.64	104757.66	1.32	ppb
Iron	54-2	103839.47	105698.15	105206.44	104914.69	0.92	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSA012	Instrumnet Name :	P7
Client Sample ID :	ICSA012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:44:22	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.43	4.32	4.34	4.36	1.31	ppb
Lead	207-1	3.95	3.85	4.05	3.95	2.46	ppb
Lead	208-1	4.13	4.07	4.16	4.12	1.09	ppb
Lithium	6-1				95		%
Magnesium	24-2	100564.15	100087.34	101689.86	100780.45	0.82	ppb
Manganese	55-2	8.26	8.16	8.37	8.26	1.27	ppb
Molybdenum	94-1	1558.70	1528.02	1536.77	1541.16	1.03	ppb
Molybdenum	95-1	1902.68	1880.47	1875.91	1886.35	0.76	ppb
Molybdenum	96-1	1876.85	1815.67	1838.13	1843.55	1.68	ppb
Molybdenum	97-1	1909.56	1868.40	1868.75	1882.24	1.26	ppb
Molybdenum	98-1	1914.26	1877.94	1878.86	1890.35	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.87	5.65	5.66	5.72	2.15	ppb
Phosphorus	31-2	102700.72	102773.72	103800.27	103091.57	0.60	ppb
Potassium	39-2	98976.63	98954.21	101043.39	99658.08	1.20	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	-0.55	0.02	-0.11	-0.21		ppb
Selenium	77-2	0.42	0.00	0.43	0.28	86.60	ppb
Selenium	78-2	-0.62	-1.91	-0.97	-1.16		ppb
Silicon	28-1	5.27	5.21	5.36	5.28	1.40	ppb
Silver	107-1	0.05	0.06	0.06	0.06	10.00	ppb
Silver	109-1	0.07	0.07	0.07	0.07	4.93	ppb
Sodium	23-2	101359.66	100645.21	102296.37	101433.75	0.82	ppb
Strontium	86-1	34.90	34.98	34.57	34.81	0.62	ppb
Strontium	88-1	34.64	34.45	34.54	34.54	0.28	ppb
Sulfur	34-1	98443.89	97609.27	101165.80	99072.99	1.88	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.08	0.13	0.16	0.12	30.90	ppb
Thallium	205-1	0.09	0.13	0.16	0.13	27.64	ppb
Tin	118-1	0.19	0.22	0.24	0.22	9.90	ppb
Titanium	47-1	1901.62	1937.51	1961.83	1933.66	1.57	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSA012	Instrumnet Name :	P7
Client Sample ID :	ICSA012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:44:22	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	7.89	ppb
Vanadium	51-2	0.20	0.16	0.21	0.19	12.91	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	11.76	12.17	11.72	11.88	2.09	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	8.62	ppb
Zirconium	91-1	0.05	0.05	0.07	0.05	26.70	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSAB012	Instrumnet Name :	P7
Client Sample ID :	ICSAB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:47:27	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93508.69	94396.33	95382.07	94429.03	0.99	ppb
Antimony	121-1	20.89	21.53	21.45	21.29	1.64	ppb
Arsenic	75-2	21.23	20.83	20.37	20.81	2.07	ppb
Barium	135-1	20.26	20.87	20.95	20.69	1.82	ppb
Barium	137-1	20.08	20.88	21.05	20.67	2.52	ppb
Beryllium	9-1	21.34	21.32	21.73	21.46	1.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.48	22.82	24.61	23.97	4.17	ppb
Cadmium	106-1	14.56	15.56	14.33	14.82	4.43	ppb
Cadmium	111-1	19.71	20.28	20.27	20.09	1.63	ppb
Calcium	43-1	98225.52	98210.16	99032.04	98489.24	0.48	ppb
Calcium	44-1	97608.81	98984.66	98141.46	98244.98	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.74	41.72	42.16	41.87	0.60	ppb
Cobalt	59-2	22.36	21.95	22.41	22.24	1.14	ppb
Copper	63-2	27.82	27.45	27.78	27.68	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				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	104493.40	104820.08	106389.44	105234.31	0.96	ppb
Iron	57-2	102950.62	103178.01	106140.23	104089.62	1.71	ppb
Iron	54-2	104612.08	103586.63	105786.47	104661.73	1.05	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSAB012	Instrumnet Name :	P7
Client Sample ID :	ICSAB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:47:27	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.77	23.24	23.74	23.58	1.27	ppb
Lead	207-1	22.52	22.36	22.61	22.50	0.57	ppb
Lead	208-1	22.88	22.55	22.99	22.81	1.01	ppb
Lithium	6-1				97		%
Magnesium	24-2	100310.44	100637.33	101755.35	100901.04	0.75	ppb
Manganese	55-2	29.22	28.98	29.77	29.32	1.39	ppb
Molybdenum	94-1	1567.82	1569.03	1566.02	1567.62	0.10	ppb
Molybdenum	95-1	1880.63	1904.95	1891.81	1892.46	0.64	ppb
Molybdenum	96-1	1854.03	1843.49	1859.63	1852.38	0.44	ppb
Molybdenum	97-1	1893.06	1906.09	1897.59	1898.91	0.35	ppb
Molybdenum	98-1	1884.03	1909.65	1904.70	1899.46	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.04	26.01	26.78	26.28	1.66	ppb
Phosphorus	31-2	102598.50	102201.24	103825.13	102874.96	0.82	ppb
Potassium	39-2	99873.88	99224.99	100204.57	99767.81	0.50	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	20.38	21.12	21.74	21.08	3.24	ppb
Selenium	77-2	19.69	20.89	20.48	20.35	3.01	ppb
Selenium	78-2	19.09	18.19	20.49	19.26	6.04	ppb
Silicon	28-1	5.42	5.73	5.79	5.65	3.46	ppb
Silver	107-1	18.97	19.48	19.51	19.32	1.58	ppb
Silver	109-1	18.77	19.52	19.32	19.21	2.03	ppb
Sodium	23-2	100817.31	101588.98	101693.69	101366.66	0.47	ppb
Strontium	86-1	34.97	35.32	35.24	35.18	0.51	ppb
Strontium	88-1	34.79	35.05	35.11	34.98	0.47	ppb
Sulfur	34-1	100264.14	99569.90	100092.32	99975.45	0.36	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	19.51	19.11	19.78	19.47	1.72	ppb
Thallium	205-1	19.12	19.06	19.50	19.23	1.24	ppb
Tin	118-1	0.19	0.20	0.16	0.18	8.69	ppb
Titanium	47-1	1937.30	1959.37	1971.78	1956.15	0.89	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSAB012	Instrumnet Name :	P7
Client Sample ID :	ICSAB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:47:27	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	6.66	ppb
Vanadium	51-2	20.88	20.89	21.14	20.97	0.70	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	32.95	32.41	32.39	32.58	0.97	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	9.29	ppb
Zirconium	91-1	0.02	0.05	0.06	0.04	46.21	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:50:31	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49295.38	48879.42	49385.55	49186.78	0.55	ppb
Antimony	121-1	489.27	495.26	498.32	494.28	0.93	ppb
Arsenic	75-2	511.55	507.25	512.25	510.35	0.53	ppb
Barium	135-1	2498.81	2540.39	2500.40	2513.20	0.94	ppb
Barium	137-1	2492.68	2488.66	2513.03	2498.13	0.52	ppb
Beryllium	9-1	495.33	513.13	503.83	504.10	1.77	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	494.97	498.79	500.68	498.15	0.58	ppb
Cadmium	106-1	501.17	500.07	502.35	501.20	0.23	ppb
Cadmium	111-1	496.59	502.11	499.36	499.35	0.55	ppb
Calcium	43-1	241766.82	247771.32	244048.81	244528.99	1.24	ppb
Calcium	44-1	241351.81	244762.68	245625.56	243913.35	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.12	503.55	507.66	506.78	0.57	ppb
Cobalt	59-2	506.05	496.02	491.13	497.73	1.53	ppb
Copper	63-2	4968.69	5001.39	5009.75	4993.28	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	127937.69	126925.19	129351.03	128071.30	0.95	ppb
Iron	57-2	128616.23	126713.44	127325.40	127551.69	0.76	ppb
Iron	54-2	127205.22	125334.46	128368.91	126969.53	1.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:50:31	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2536.43	2505.86	2515.64	2519.31	0.62	ppb
Lead	207-1	2522.71	2498.81	2533.80	2518.44	0.71	ppb
Lead	208-1	2524.12	2502.81	2529.80	2518.91	0.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	242658.88	245521.13	246553.41	244911.14	0.82	ppb
Manganese	55-2	5154.30	5104.70	5205.56	5154.85	0.98	ppb
Molybdenum	94-1	4939.01	5028.18	5018.82	4995.34	0.98	ppb
Molybdenum	95-1	4908.72	5009.33	5009.24	4975.76	1.17	ppb
Molybdenum	96-1	4891.46	5025.09	4983.95	4966.84	1.38	ppb
Molybdenum	97-1	4899.17	5016.52	4984.36	4966.69	1.22	ppb
Molybdenum	98-1	4927.19	5003.20	5004.53	4978.31	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.31	484.49	492.17	488.99	0.82	ppb
Phosphorus	31-2	9942.34	9939.72	9787.96	9890.00	0.89	ppb
Potassium	39-2	123963.59	123640.26	123186.19	123596.68	0.32	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	485.27	497.70	502.36	495.11	1.78	ppb
Selenium	77-2	514.09	478.33	479.53	490.65	4.14	ppb
Selenium	78-2	501.30	490.42	479.49	490.41	2.22	ppb
Silicon	28-1	505.56	519.76	516.00	513.77	1.43	ppb
Silver	107-1	482.57	491.78	485.25	486.53	0.97	ppb
Silver	109-1	475.32	482.50	477.21	478.34	0.78	ppb
Sodium	23-2	247661.49	248407.35	250867.80	248978.88	0.67	ppb
Strontium	86-1	12275.65	12446.38	12504.48	12408.84	0.96	ppb
Strontium	88-1	12218.58	12486.58	12385.71	12363.63	1.09	ppb
Sulfur	34-1	9280.15	9396.69	9455.15	9377.33	0.95	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	519.08	506.97	505.68	510.58	1.45	ppb
Thallium	205-1	514.15	500.36	502.70	505.74	1.46	ppb
Tin	118-1	494.36	497.74	506.35	499.48	1.24	ppb
Titanium	47-1	4893.84	5028.14	5001.22	4974.40	1.43	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:50:31	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.25	516.88	516.17	518.10	0.53	ppb
Vanadium	51-2	508.71	506.11	506.12	506.98	0.30	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	4916.35	4957.21	4980.37	4951.31	0.65	ppb
Zirconium	90-1	499.17	504.16	507.60	503.64	0.84	ppb
Zirconium	91-1	496.03	507.68	508.14	503.95	1.36	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:53:18	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	1.22	1.85	1.44	24.65	ppb
Antimony	121-1	0.34	0.36	0.39	0.36	7.34	ppb
Arsenic	75-2	-0.01	-0.01	0.01	-0.01		ppb
Barium	135-1	0.14	0.07	0.04	0.08	61.57	ppb
Barium	137-1	0.14	0.07	0.04	0.08	63.22	ppb
Beryllium	9-1	0.13	0.07	0.06	0.09	47.23	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.23	-0.07	0.16	0.11	144.01	ppb
Cadmium	106-1	-0.30	-2.31	-0.74	-1.12		ppb
Cadmium	111-1	0.02	-0.12	-0.04	-0.05		ppb
Calcium	43-1	10.40	2.60	0.46	4.48	116.69	ppb
Calcium	44-1	9.56	4.28	2.71	5.52	65.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.03	0.03	57.41	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	10.24	ppb
Copper	63-2	0.27	0.23	0.21	0.24	11.68	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				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	3.85	4.03	4.34	4.07	6.06	ppb
Iron	57-2	-0.72	1.63	4.18	1.70	144.26	ppb
Iron	54-2	3.94	5.41	4.93	4.76	15.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:53:18	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.18	0.13	0.17	23.89	ppb
Lead	207-1	0.22	0.15	0.13	0.17	28.52	ppb
Lead	208-1	0.21	0.16	0.13	0.17	25.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.89	8.10	8.46	7.82	10.55	ppb
Manganese	55-2	0.06	0.11	0.14	0.10	42.87	ppb
Molybdenum	94-1	0.44	0.31	0.37	0.37	16.37	ppb
Molybdenum	95-1	0.39	0.29	0.27	0.32	20.53	ppb
Molybdenum	96-1	0.39	0.28	0.31	0.33	16.49	ppb
Molybdenum	97-1	0.40	0.26	0.27	0.31	25.14	ppb
Molybdenum	98-1	0.40	0.30	0.28	0.33	19.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	575.00	ppb
Phosphorus	31-2	-10.20	-13.44	-12.94	-12.19		ppb
Potassium	39-2	7.65	9.44	8.02	8.37	11.25	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	0.05	0.25	0.09	0.13	79.70	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.72	-0.54	-0.96	-1.07		ppb
Silicon	28-1	-0.60	-0.28	-0.56	-0.48		ppb
Silver	107-1	0.07	0.05	0.04	0.05	34.17	ppb
Silver	109-1	0.07	0.05	0.04	0.05	32.27	ppb
Sodium	23-2	36.43	38.16	37.46	37.35	2.33	ppb
Strontium	86-1	0.61	0.30	0.20	0.37	56.96	ppb
Strontium	88-1	0.57	0.28	0.21	0.35	53.45	ppb
Sulfur	34-1	-757.12	-453.79	-574.17	-595.03		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.08	0.06	0.08	21.86	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	16.15	ppb
Tin	118-1	0.09	0.11	0.32	0.17	74.12	ppb
Titanium	47-1	0.34	0.17	0.19	0.24	38.92	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:53:18	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	43.79	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	26.55	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.08	-0.03	-0.05	0.00	8922.92	ppb
Zirconium	90-1	0.09	0.06	0.08	0.07	19.04	ppb
Zirconium	91-1	0.07	0.09	0.09	0.08	13.04	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BL	Instrumnet Name :	P7
Client Sample ID :	PBS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:58:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.20	0.11	0.18	35.42	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	11.93	ppb
Arsenic	75-2	-0.01	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.02	0.01	52.35	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	25.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.04	0.04	0.03	47.93	ppb
Cadmium	106-1	-1.62	-1.53	-1.45	-1.53		ppb
Cadmium	111-1	-0.11	-0.11	-0.10	-0.11		ppb
Calcium	43-1	-0.55	-0.93	-4.34	-1.94		ppb
Calcium	44-1	-1.62	-1.34	-2.17	-1.71		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	55.20	ppb
Copper	63-2	0.09	0.05	0.06	0.07	32.19	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	0.47	0.59	0.55	0.54	11.69	ppb
Iron	57-2	0.70	0.10	-0.30	0.17	301.01	ppb
Iron	54-2	2.26	1.05	1.14	1.49	45.43	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BL	Instrumnet Name :	P7
Client Sample ID :	PBS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:58:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.07	0.07	0.07	7.06	ppb
Lead	207-1	0.07	0.05	0.05	0.06	19.25	ppb
Lead	208-1	0.06	0.06	0.05	0.06	8.61	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.03	1.82	2.42	2.09	14.56	ppb
Manganese	55-2	-0.02	-0.03	-0.05	-0.03		ppb
Molybdenum	94-1	0.07	0.05	0.10	0.07	30.41	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	16.23	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	10.27	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	21.58	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	16.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.03	-0.01	0.00		ppb
Phosphorus	31-2	-13.33	-8.09	-16.21	-12.54		ppb
Potassium	39-2	1.25	2.64	2.99	2.29	40.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.56	0.20	-0.36	0.13	344.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.22	-1.24	-0.11	-0.86		ppb
Silicon	28-1	-0.73	-0.68	-0.66	-0.69		ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.55	ppb
Sodium	23-2	19.34	18.02	18.38	18.58	3.68	ppb
Strontium	86-1	0.03	0.01	0.04	0.03	54.93	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	24.85	ppb
Sulfur	34-1	-335.81	-365.29	-295.15	-332.08		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	12.29	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.53	ppb
Tin	118-1	0.01	0.00	0.02	0.01	79.15	ppb
Titanium	47-1	0.07	0.02	0.04	0.04	52.32	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BL	Instrumnet Name :	P7
Client Sample ID :	PBS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:58:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	70.40	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	25.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	-0.23	-0.07	-0.03	-0.11		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	19.74	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	46.32	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BL	Instrumnet Name :	P7
Client Sample ID :	PBW848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:04:38	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.26	0.00	0.14	95.09	ppb
Antimony	121-1	0.01	0.02	0.04	0.02	48.87	ppb
Arsenic	75-2	0.00	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.01	27.57	ppb
Barium	137-1	0.00	0.00	0.00	0.00	64.95	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	65.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.02	-0.01	0.00		ppb
Cadmium	106-1	-0.38	0.98	0.29	0.30	228.06	ppb
Cadmium	111-1	-0.02	0.07	0.03	0.03	164.64	ppb
Calcium	43-1	-1.66	-2.34	-3.58	-2.53		ppb
Calcium	44-1	-2.39	-3.06	-3.09	-2.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	19.70	ppb
Copper	63-2	0.03	0.02	0.02	0.02	24.85	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				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.06	0.05	0.03	147.06	ppb
Iron	57-2	-1.98	-2.58	-1.54	-2.03		ppb
Iron	54-2	2.07	1.19	0.10	1.12	88.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BL	Instrumnet Name :	P7
Client Sample ID :	PBW848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:04:38	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.04	0.04	19.90	ppb
Lead	207-1	0.03	0.04	0.03	0.03	16.61	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.88	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.60	1.69	1.76	1.69	4.79	ppb
Manganese	55-2	-0.03	-0.05	-0.01	-0.03		ppb
Molybdenum	94-1	0.04	0.03	0.04	0.03	10.43	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	49.28	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	18.76	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	49.34	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	21.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	555.64	ppb
Phosphorus	31-2	-17.02	-12.67	-11.65	-13.78		ppb
Potassium	39-2	3.49	-0.09	5.91	3.10	97.28	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.01	1.04	0.16	0.40	138.63	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.49	0.40	-0.14	-0.41		ppb
Silicon	28-1	-0.86	-0.68	-0.63	-0.72		ppb
Silver	107-1	0.02	0.01	0.01	0.01	15.10	ppb
Silver	109-1	0.01	0.02	0.01	0.01	16.91	ppb
Sodium	23-2	11.23	11.31	9.61	10.72	8.95	ppb
Strontium	86-1	0.01	-0.01	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	49.74	ppb
Sulfur	34-1	-120.50	-125.86	-55.02	-100.46		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	6.33	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	24.62	ppb
Tin	118-1	0.01	0.00	0.03	0.01	99.83	ppb
Titanium	47-1	0.00	0.03	-0.01	0.01	293.05	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BL	Instrumnet Name :	P7
Client Sample ID :	PBW848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:04:38	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	114.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.16	-0.12	-0.14	-0.14		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	31.22	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	10.13	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BS	Instrumnet Name :	P7
Client Sample ID :	LCS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:13:11	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.69	40.94	38.99	40.54	3.44	ppb
Antimony	121-1	4.59	4.09	4.10	4.26	6.60	ppb
Arsenic	75-2	2.25	1.92	2.32	2.16	9.71	ppb
Barium	135-1	21.08	19.02	19.09	19.73	5.93	ppb
Barium	137-1	20.86	18.62	19.24	19.57	5.92	ppb
Beryllium	9-1	2.39	2.14	2.01	2.18	8.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.55	2.40	1.96	2.30	13.36	ppb
Cadmium	106-1	1.30	-0.55	0.39	0.38	243.82	ppb
Cadmium	111-1	2.45	2.06	2.05	2.18	10.45	ppb
Calcium	43-1	1131.00	968.70	998.14	1032.61	8.37	ppb
Calcium	44-1	1107.01	984.80	1002.88	1031.56	6.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.61	4.50	4.60	4.57	1.36	ppb
Cobalt	59-2	2.01	2.14	2.14	2.10	3.55	ppb
Copper	63-2	4.27	4.38	4.39	4.35	1.45	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				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	439.18	440.69	441.88	440.58	0.31	ppb
Iron	57-2	437.98	450.41	441.89	443.43	1.43	ppb
Iron	54-2	444.96	449.35	444.67	446.33	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BS	Instrumnet Name :	P7
Client Sample ID :	LCS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:13:11	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.90	1.74	1.85	1.83	4.39	ppb
Lead	207-1	2.02	1.79	1.83	1.88	6.60	ppb
Lead	208-1	1.95	1.78	1.83	1.85	4.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	1087.57	1089.78	1084.82	1087.39	0.23	ppb
Manganese	55-2	2.02	2.15	2.00	2.06	3.97	ppb
Molybdenum	94-1	12.63	11.11	11.35	11.70	6.96	ppb
Molybdenum	95-1	10.46	9.25	9.66	9.79	6.30	ppb
Molybdenum	96-1	10.53	9.51	9.47	9.84	6.13	ppb
Molybdenum	97-1	10.53	9.55	9.33	9.80	6.50	ppb
Molybdenum	98-1	10.52	9.42	9.63	9.86	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.22	2.35	2.26	3.35	ppb
Phosphorus	31-2	-16.36	-7.31	-18.62	-14.10		ppb
Potassium	39-2	1062.43	1054.29	1077.66	1064.79	1.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	12.79	10.51	11.77	11.69	9.74	ppb
Selenium	77-2	11.61	10.25	10.40	10.75	6.93	ppb
Selenium	78-2	10.61	8.84	7.17	8.87	19.37	ppb
Silicon	28-1	5.92	3.89	4.13	4.65	23.81	ppb
Silver	107-1	2.33	2.08	2.10	2.17	6.53	ppb
Silver	109-1	2.39	2.06	2.06	2.17	8.86	ppb
Sodium	23-2	1013.10	1017.93	1026.81	1019.28	0.68	ppb
Strontium	86-1	2.19	1.97	2.02	2.06	5.76	ppb
Strontium	88-1	2.17	1.95	1.97	2.03	5.99	ppb
Sulfur	34-1	657.93	-16.79	28.69	223.28	168.90	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	1.93	1.77	1.77	1.82	5.25	ppb
Thallium	205-1	1.89	1.75	1.76	1.80	4.42	ppb
Tin	118-1	0.04	0.04	0.03	0.03	19.12	ppb
Titanium	47-1	10.71	9.83	9.68	10.07	5.53	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BS	Instrumnet Name :	P7
Client Sample ID :	LCS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:13:11	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.79	1.63	1.64	1.68	5.27	ppb
Vanadium	51-2	10.27	10.34	10.13	10.25	1.06	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	10.30	10.42	10.63	10.45	1.59	ppb
Zirconium	90-1	2.23	2.01	2.03	2.09	5.85	ppb
Zirconium	91-1	2.19	2.01	2.12	2.11	4.24	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BS	Instrumnet Name :	P7
Client Sample ID :	LCS848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:16:28	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.75	44.30	39.45	41.83	5.79	ppb
Antimony	121-1	4.08	4.27	4.18	4.18	2.34	ppb
Arsenic	75-2	2.21	2.41	2.40	2.34	4.89	ppb
Barium	135-1	19.34	19.52	19.09	19.32	1.12	ppb
Barium	137-1	19.17	19.71	19.30	19.39	1.44	ppb
Beryllium	9-1	2.10	2.15	2.10	2.12	1.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.24	2.43	2.34	2.34	4.07	ppb
Cadmium	106-1	0.48	1.71	0.98	1.06	58.27	ppb
Cadmium	111-1	2.17	2.32	2.33	2.27	4.03	ppb
Calcium	43-1	968.63	998.39	998.70	988.57	1.75	ppb
Calcium	44-1	1006.43	1005.35	1009.99	1007.26	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.60	5.04	4.47	4.70	6.35	ppb
Cobalt	59-2	2.17	2.33	2.08	2.19	5.67	ppb
Copper	63-2	4.46	4.67	4.03	4.39	7.49	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				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	449.60	479.43	427.58	452.20	5.76	ppb
Iron	57-2	462.67	486.11	429.53	459.44	6.19	ppb
Iron	54-2	449.85	494.45	437.14	460.48	6.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BS	Instrumnet Name :	P7
Client Sample ID :	LCS848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:16:28	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.89	1.81	1.86	2.56	ppb
Lead	207-1	1.83	1.82	1.85	1.83	1.00	ppb
Lead	208-1	1.83	1.82	1.83	1.83	0.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	1096.64	1176.23	1047.88	1106.92	5.85	ppb
Manganese	55-2	2.15	2.24	2.00	2.13	5.81	ppb
Molybdenum	94-1	19.24	19.35	18.84	19.14	1.41	ppb
Molybdenum	95-1	18.69	18.83	18.82	18.78	0.41	ppb
Molybdenum	96-1	18.87	18.68	18.79	18.78	0.51	ppb
Molybdenum	97-1	18.84	19.02	18.84	18.90	0.55	ppb
Molybdenum	98-1	18.64	18.94	19.22	18.93	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.42	2.17	2.25	6.77	ppb
Phosphorus	31-2	-10.68	-14.35	-12.84	-12.63		ppb
Potassium	39-2	1094.50	1164.88	1032.27	1097.22	6.05	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	10.45	10.63	11.22	10.77	3.76	ppb
Selenium	77-2	9.57	10.10	11.03	10.23	7.21	ppb
Selenium	78-2	11.32	10.17	10.13	10.54	6.41	ppb
Silicon	28-1	4.09	4.17	4.04	4.10	1.58	ppb
Silver	107-1	2.09	2.12	2.17	2.13	2.07	ppb
Silver	109-1	2.08	2.17	2.18	2.14	2.51	ppb
Sodium	23-2	1037.95	1110.92	990.14	1046.34	5.81	ppb
Strontium	86-1	3.92	4.02	3.85	3.93	2.15	ppb
Strontium	88-1	3.91	3.95	3.87	3.91	1.12	ppb
Sulfur	34-1	-113.30	-162.28	-151.02	-142.20		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.73	1.80	1.82	1.78	2.50	ppb
Thallium	205-1	1.72	1.76	1.74	1.74	1.22	ppb
Tin	118-1	0.02	0.01	-0.01	0.00	330.30	ppb
Titanium	47-1	9.95	9.75	9.99	9.90	1.29	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BS	Instrumnet Name :	P7
Client Sample ID :	LCS848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:16:28	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.61	1.68	1.69	1.66	2.58	ppb
Vanadium	51-2	10.23	11.01	9.68	10.31	6.49	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	10.75	11.24	10.39	10.79	3.93	ppb
Zirconium	90-1	2.00	2.07	2.05	2.04	1.71	ppb
Zirconium	91-1	2.04	2.08	2.01	2.04	1.73	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BL	Instrumnet Name :	P7
Client Sample ID :	PBS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:19:47	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.07	-0.20	-0.07		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	62.17	ppb
Arsenic	75-2	-0.02	-0.04	-0.04	-0.03		ppb
Barium	135-1	0.01	0.00	0.00	0.00	176.42	ppb
Barium	137-1	0.00	0.00	0.00	0.00	1256.64	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.02	-0.04	0.01	538.74	ppb
Cadmium	106-1	0.29	-0.42	0.28	0.05	829.77	ppb
Cadmium	111-1	0.02	-0.03	0.02	0.00	901.22	ppb
Calcium	43-1	-2.44	-2.92	-1.31	-2.22		ppb
Calcium	44-1	-2.77	-2.25	-3.05	-2.69		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.01	0.01	138.77	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	676.77	ppb
Copper	63-2	0.02	-0.03	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	-0.19	-0.19	-0.04	-0.14		ppb
Iron	57-2	-1.19	-1.44	-0.68	-1.10		ppb
Iron	54-2	1.33	-0.19	0.56	0.57	133.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BL	Instrumnet Name :	P7
Client Sample ID :	PBS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:19:47	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.02	0.02	29.75	ppb
Lead	207-1	0.02	0.00	0.02	0.01	70.83	ppb
Lead	208-1	0.02	0.01	0.01	0.01	23.24	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.15	1.56	1.25	1.32	16.42	ppb
Manganese	55-2	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	94-1	0.02	0.03	0.03	0.03	30.71	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	58.90	ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.00	355.10	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	12.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	0.02	-0.01		ppb
Phosphorus	31-2	-14.96	-12.19	-10.15	-12.43		ppb
Potassium	39-2	2.52	2.58	4.66	3.25	37.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	-0.15	0.23	0.01	0.03	624.03	ppb
Selenium	77-2	0.37	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-1.24	-1.17	-0.27	-0.89		ppb
Silicon	28-1	-0.41	-0.45	-0.23	-0.37		ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.46	ppb
Sodium	23-2	5.27	4.62	4.31	4.73	10.39	ppb
Strontium	86-1	-0.01	0.01	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-73.34	-125.53	-35.01	-77.96		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.02	0.00	0.00	-0.01		ppb
Titanium	47-1	0.04	0.01	0.02	0.02	85.28	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BL	Instrumnet Name :	P7
Client Sample ID :	PBS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:19:47	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	59.86	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.13	-0.12	-0.09	-0.12		ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	48.56	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	87.66	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BS	Instrumnet Name :	P7
Client Sample ID :	LCS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:23:04	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.99	41.51	39.06	40.18	3.07	ppb
Antimony	121-1	4.27	4.41	4.40	4.36	1.73	ppb
Arsenic	75-2	1.98	2.13	2.13	2.08	4.04	ppb
Barium	135-1	19.51	20.37	19.94	19.94	2.16	ppb
Barium	137-1	19.20	20.28	20.00	19.83	2.83	ppb
Beryllium	9-1	2.27	2.13	2.11	2.17	3.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	2.26	1.84	2.06	10.17	ppb
Cadmium	106-1	2.48	2.42	2.08	2.33	9.22	ppb
Cadmium	111-1	2.34	2.48	2.57	2.46	4.84	ppb
Calcium	43-1	998.01	1059.64	1061.89	1039.85	3.49	ppb
Calcium	44-1	998.59	1024.36	1033.81	1018.92	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.46	4.80	4.38	4.54	4.87	ppb
Cobalt	59-2	2.11	2.21	2.11	2.14	2.75	ppb
Copper	63-2	4.26	4.51	4.28	4.35	3.21	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				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	435.26	456.46	439.90	443.88	2.51	ppb
Iron	57-2	442.14	451.91	447.55	447.20	1.09	ppb
Iron	54-2	440.31	463.94	446.44	450.23	2.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BS	Instrumnet Name :	P7
Client Sample ID :	LCS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:23:04	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.75	1.86	1.84	1.82	3.36	ppb
Lead	207-1	1.87	1.82	1.77	1.82	2.77	ppb
Lead	208-1	1.82	1.84	1.84	1.83	0.68	ppb
Lithium	6-1				106		%
Magnesium	24-2	1070.43	1118.12	1071.16	1086.57	2.51	ppb
Manganese	55-2	2.14	2.17	2.12	2.14	1.13	ppb
Molybdenum	94-1	11.40	11.85	11.89	11.72	2.33	ppb
Molybdenum	95-1	9.63	9.77	9.77	9.72	0.82	ppb
Molybdenum	96-1	9.58	9.54	9.89	9.67	2.00	ppb
Molybdenum	97-1	9.31	9.84	10.02	9.72	3.82	ppb
Molybdenum	98-1	9.47	9.87	9.72	9.69	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.30	2.21	2.25	2.01	ppb
Phosphorus	31-2	-10.63	-7.80	-11.69	-10.04		ppb
Potassium	39-2	1040.62	1103.86	1061.55	1068.67	3.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	10.59	11.58	10.86	11.01	4.63	ppb
Selenium	77-2	10.50	9.57	9.54	9.87	5.57	ppb
Selenium	78-2	9.78	12.73	10.02	10.85	15.12	ppb
Silicon	28-1	4.04	4.54	4.65	4.41	7.36	ppb
Silver	107-1	2.18	2.30	2.27	2.25	2.90	ppb
Silver	109-1	2.08	2.22	2.19	2.16	3.58	ppb
Sodium	23-2	1006.55	1049.67	1011.00	1022.41	2.32	ppb
Strontium	86-1	351.04	362.78	364.99	359.60	2.09	ppb
Strontium	88-1	358.37	363.62	367.43	363.14	1.25	ppb
Sulfur	34-1	-29.27	97.83	255.56	108.04	132.07	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	1.75	1.83	1.82	1.80	2.15	ppb
Thallium	205-1	1.75	1.81	1.78	1.78	1.72	ppb
Tin	118-1	0.02	0.02	0.02	0.02	22.54	ppb
Titanium	47-1	9.61	9.66	10.06	9.78	2.49	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BS	Instrumnet Name :	P7
Client Sample ID :	LCS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:23:04	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.64	1.67	1.64	1.65	1.01	ppb
Vanadium	51-2	10.11	10.75	10.11	10.33	3.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	10.48	10.62	10.45	10.52	0.88	ppb
Zirconium	90-1	2.02	2.13	2.12	2.09	2.98	ppb
Zirconium	91-1	2.02	2.00	2.09	2.04	2.34	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-01	Instrumnet Name :	P7
Client Sample ID :	YE0S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:26:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21918.05	20215.85	21555.30	21229.73	4.22	ppb
Antimony	121-1	0.67	0.64	0.64	0.65	2.41	ppb
Arsenic	75-2	15.55	14.64	16.19	15.46	5.04	ppb
Barium	135-1	360.35	371.54	360.11	364.00	1.79	ppb
Barium	137-1	361.77	370.81	359.51	364.03	1.64	ppb
Beryllium	9-1	1.36	1.38	1.53	1.42	6.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.72	0.72	0.77	12.07	ppb
Cadmium	106-1	2.10	0.50	2.21	1.60	59.62	ppb
Cadmium	111-1	0.68	0.55	0.66	0.63	11.09	ppb
Calcium	43-1	15390.73	15671.11	15584.77	15548.87	0.92	ppb
Calcium	44-1	14210.74	14610.57	14339.10	14386.80	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.04	27.02	29.07	28.38	4.15	ppb
Cobalt	59-2	37.50	34.78	37.00	36.43	3.98	ppb
Copper	63-2	98.67	93.74	99.93	97.45	3.36	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				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	57640.27	54640.18	58419.68	56900.04	3.51	ppb
Iron	57-2	57925.56	53618.76	57770.33	56438.22	4.33	ppb
Iron	54-2	57314.01	54760.59	57882.78	56652.46	2.94	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-01	Instrumnet Name :	P7
Client Sample ID :	YE0S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:26:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.12	38.92	38.71	38.58	1.07	ppb
Lead	207-1	36.29	36.88	36.87	36.68	0.92	ppb
Lead	208-1	37.08	37.98	37.64	37.57	1.21	ppb
Lithium	6-1				109		%
Magnesium	24-2	7377.52	6941.50	7328.06	7215.69	3.31	ppb
Manganese	55-2	1933.89	1826.25	1977.68	1912.61	4.07	ppb
Molybdenum	94-1	1.88	1.98	1.86	1.91	3.49	ppb
Molybdenum	95-1	0.26	0.30	0.28	0.28	6.81	ppb
Molybdenum	96-1	0.83	0.82	0.87	0.84	2.82	ppb
Molybdenum	97-1	0.23	0.22	0.26	0.24	8.16	ppb
Molybdenum	98-1	0.24	0.23	0.24	0.23	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.08	20.06	21.53	20.89	3.59	ppb
Phosphorus	31-2	1533.60	1456.19	1557.11	1515.63	3.48	ppb
Potassium	39-2	3624.18	3376.79	3622.38	3541.12	4.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.24	0.78	-0.11	0.30	147.78	ppb
Selenium	77-2	9.94	6.69	7.21	7.95	21.94	ppb
Selenium	78-2	-0.20	1.27	2.20	1.09	111.31	ppb
Silicon	28-1	1483.13	1507.17	1487.79	1492.70	0.85	ppb
Silver	107-1	0.29	0.28	0.27	0.28	3.69	ppb
Silver	109-1	0.29	0.26	0.25	0.27	8.37	ppb
Sodium	23-2	309.20	290.49	315.79	305.16	4.30	ppb
Strontium	86-1	70.75	72.20	72.67	71.87	1.39	ppb
Strontium	88-1	70.47	71.41	71.21	71.03	0.70	ppb
Sulfur	34-1	-184.52	-221.53	-406.12	-270.73		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.34	0.45	0.36	22.47	ppb
Thallium	205-1	0.30	0.35	0.45	0.37	20.93	ppb
Tin	118-1	1.73	1.76	1.73	1.74	0.98	ppb
Titanium	47-1	311.79	317.08	314.58	314.48	0.84	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-01	Instrumnet Name :	P7
Client Sample ID :	YE0S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:26:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	0.99	1.01	1.00	0.72	ppb
Vanadium	51-2	196.76	181.83	195.29	191.29	4.30	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	152.84	143.40	153.37	149.87	3.74	ppb
Zirconium	90-1	0.94	0.96	1.02	0.97	4.35	ppb
Zirconium	91-1	0.95	0.93	0.91	0.93	2.04	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02	Instrumnet Name :	P7
Client Sample ID :	YE0S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:29:32	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20324.17	20975.37	21082.65	20794.06	1.97	ppb
Antimony	121-1	2.12	2.20	2.26	2.19	3.10	ppb
Arsenic	75-2	30.35	32.72	32.26	31.78	3.95	ppb
Barium	135-1	434.06	432.94	448.66	438.55	2.00	ppb
Barium	137-1	432.34	435.72	446.32	438.13	1.67	ppb
Beryllium	9-1	1.29	1.26	1.28	1.28	1.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.31	2.01	1.59	23.57	ppb
Cadmium	106-1	1.27	1.22	1.84	1.44	23.59	ppb
Cadmium	111-1	1.30	1.36	1.36	1.34	2.94	ppb
Calcium	43-1	22256.99	22495.14	22945.79	22565.97	1.55	ppb
Calcium	44-1	20678.75	20917.40	21028.59	20874.92	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.99	42.84	41.92	41.58	3.49	ppb
Cobalt	59-2	34.89	36.46	36.88	36.08	2.91	ppb
Copper	63-2	104.80	109.73	109.16	107.90	2.50	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				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	52487.64	54910.86	55215.37	54204.63	2.76	ppb
Iron	57-2	52223.48	54835.41	55793.34	54284.08	3.40	ppb
Iron	54-2	52216.59	54685.86	55270.32	54057.59	3.00	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02	Instrumnet Name :	P7
Client Sample ID :	YE0S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:29:32	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	238.46	241.85	244.99	241.76	1.35	ppb
Lead	207-1	227.79	231.59	232.98	230.79	1.16	ppb
Lead	208-1	246.06	247.93	250.97	248.32	1.00	ppb
Lithium	6-1				109		%
Magnesium	24-2	7693.20	7918.23	8100.90	7904.11	2.58	ppb
Manganese	55-2	2023.75	2148.47	2143.46	2105.23	3.35	ppb
Molybdenum	94-1	3.22	3.34	3.49	3.35	3.94	ppb
Molybdenum	95-1	0.48	0.48	0.50	0.48	2.30	ppb
Molybdenum	96-1	1.12	1.24	1.22	1.19	5.20	ppb
Molybdenum	97-1	0.43	0.45	0.45	0.44	2.59	ppb
Molybdenum	98-1	0.42	0.45	0.44	0.44	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.01	33.54	34.47	33.34	3.73	ppb
Phosphorus	31-2	3121.40	3233.42	3238.50	3197.77	2.07	ppb
Potassium	39-2	3745.12	3923.35	3917.56	3862.01	2.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.35	1.24	0.35	0.65	79.54	ppb
Selenium	77-2	6.36	8.20	8.78	7.78	16.27	ppb
Selenium	78-2	2.46	2.12	3.47	2.68	26.29	ppb
Silicon	28-1	1889.02	1914.32	1935.95	1913.10	1.23	ppb
Silver	107-1	0.45	0.50	0.54	0.50	9.61	ppb
Silver	109-1	0.46	0.49	0.49	0.48	3.84	ppb
Sodium	23-2	351.76	371.11	373.94	365.60	3.30	ppb
Strontium	86-1	127.15	129.77	130.38	129.10	1.33	ppb
Strontium	88-1	126.35	128.39	129.28	128.00	1.17	ppb
Sulfur	34-1	-89.23	26.72	16.47	-15.35		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.30	0.31	0.31	0.30	2.44	ppb
Thallium	205-1	0.29	0.30	0.30	0.30	1.63	ppb
Tin	118-1	5.07	5.03	5.05	5.05	0.47	ppb
Titanium	47-1	383.23	388.39	394.62	388.75	1.47	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02	Instrumnet Name :	P7
Client Sample ID :	YE0S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:29:32	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.59	1.60	1.64	1.61	1.87	ppb
Vanadium	51-2	167.95	173.39	174.55	171.96	2.05	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	362.30	376.60	382.57	373.83	2.79	ppb
Zirconium	90-1	1.65	1.70	1.74	1.70	2.73	ppb
Zirconium	91-1	1.70	1.72	1.63	1.69	2.81	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-03	Instrumnet Name :	P7
Client Sample ID :	YE0S7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:32:43	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21239.27	21080.20	20829.12	21049.53	0.98	ppb
Antimony	121-1	2.24	2.20	2.21	2.22	0.82	ppb
Arsenic	75-2	33.83	32.82	32.92	33.19	1.67	ppb
Barium	135-1	444.05	446.33	446.92	445.77	0.34	ppb
Barium	137-1	446.46	446.22	447.64	446.77	0.17	ppb
Beryllium	9-1	1.25	1.29	1.29	1.27	1.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.67	1.54	1.73	13.16	ppb
Cadmium	106-1	1.92	1.49	0.79	1.40	40.68	ppb
Cadmium	111-1	1.27	1.40	1.28	1.32	5.27	ppb
Calcium	43-1	22718.28	22952.74	23047.24	22906.09	0.74	ppb
Calcium	44-1	21061.31	21305.00	20951.60	21105.97	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.69	42.76	43.66	43.37	1.22	ppb
Cobalt	59-2	36.68	36.88	36.38	36.65	0.69	ppb
Copper	63-2	109.86	110.79	109.08	109.91	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				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	55547.92	55444.65	55228.40	55406.99	0.29	ppb
Iron	57-2	55306.69	55176.67	55153.69	55212.35	0.15	ppb
Iron	54-2	55267.10	55400.13	54362.14	55009.79	1.03	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-03	Instrumnet Name :	P7
Client Sample ID :	YE0S7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:32:43	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	245.24	247.81	252.89	248.65	1.57	ppb
Lead	207-1	234.64	237.26	238.72	236.87	0.87	ppb
Lead	208-1	250.98	252.33	255.98	253.10	1.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	8189.21	8154.73	8081.00	8141.65	0.68	ppb
Manganese	55-2	2164.09	2155.13	2153.35	2157.52	0.27	ppb
Molybdenum	94-1	3.24	3.21	3.28	3.24	1.05	ppb
Molybdenum	95-1	0.48	0.52	0.50	0.50	4.37	ppb
Molybdenum	96-1	1.14	1.11	1.19	1.15	3.49	ppb
Molybdenum	97-1	0.45	0.43	0.45	0.44	2.45	ppb
Molybdenum	98-1	0.47	0.44	0.42	0.44	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.81	34.82	35.00	34.88	0.31	ppb
Phosphorus	31-2	3225.30	3364.63	3272.57	3287.50	2.16	ppb
Potassium	39-2	4005.50	3962.99	3984.15	3984.21	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.60	-0.04	0.15	0.23	140.48	ppb
Selenium	77-2	10.02	7.26	5.85	7.71	27.54	ppb
Selenium	78-2	0.77	1.39	2.09	1.42	46.49	ppb
Silicon	28-1	1928.93	1954.47	1959.77	1947.72	0.85	ppb
Silver	107-1	0.47	0.47	0.47	0.47	0.24	ppb
Silver	109-1	0.44	0.46	0.45	0.45	2.44	ppb
Sodium	23-2	388.51	386.66	382.15	385.77	0.85	ppb
Strontium	86-1	130.66	130.45	130.87	130.66	0.16	ppb
Strontium	88-1	130.86	129.44	131.08	130.46	0.69	ppb
Sulfur	34-1	-42.06	26.61	-51.25	-22.23		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.22	0.23	0.23	6.35	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	1.13	ppb
Tin	118-1	5.13	5.16	5.20	5.16	0.69	ppb
Titanium	47-1	387.67	393.41	393.41	391.49	0.85	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-03	Instrumnet Name :	P7
Client Sample ID :	YE0S7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:32:43	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.62	1.60	1.67	1.63	2.17	ppb
Vanadium	51-2	176.04	174.92	174.61	175.19	0.43	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	383.87	382.62	380.93	382.47	0.39	ppb
Zirconium	90-1	1.55	1.64	1.68	1.63	4.10	ppb
Zirconium	91-1	1.68	1.73	1.61	1.67	3.69	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02LX5	Instrumnet Name :	P7
Client Sample ID :	YE0S7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 07:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4623.97	4646.30	4617.95	4629.41	0.32	ppb
Antimony	121-1	0.44	0.46	0.46	0.45	2.56	ppb
Arsenic	75-2	7.08	6.95	6.67	6.90	3.08	ppb
Barium	135-1	94.27	92.50	93.79	93.52	0.98	ppb
Barium	137-1	93.90	92.92	94.46	93.76	0.83	ppb
Beryllium	9-1	0.23	0.25	0.24	0.24	2.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.32	0.29	0.41	0.34	18.05	ppb
Cadmium	106-1	-0.13	-0.08	-2.36	-0.86		ppb
Cadmium	111-1	0.26	0.26	0.05	0.19	62.47	ppb
Calcium	43-1	4771.85	4835.82	4811.94	4806.53	0.67	ppb
Calcium	44-1	4352.88	4429.94	4427.25	4403.36	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.14	9.03	9.07	9.08	0.60	ppb
Cobalt	59-2	7.79	7.74	7.68	7.73	0.73	ppb
Copper	63-2	22.94	23.51	23.40	23.28	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	11736.02	11853.77	11685.38	11758.39	0.73	ppb
Iron	57-2	12457.74	12399.94	12347.17	12401.62	0.45	ppb
Iron	54-2	12498.76	12537.26	12377.41	12471.15	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02LX5	Instrumnet Name :	P7
Client Sample ID :	YE0S7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 07:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.74	50.19	51.65	50.86	1.45	ppb
Lead	207-1	48.41	47.86	48.98	48.41	1.15	ppb
Lead	208-1	49.27	48.91	49.78	49.32	0.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	1766.79	1772.77	1757.97	1765.84	0.42	ppb
Manganese	55-2	473.75	472.72	470.05	472.17	0.40	ppb
Molybdenum	94-1	0.67	0.76	0.73	0.72	6.32	ppb
Molybdenum	95-1	0.08	0.10	0.13	0.10	23.79	ppb
Molybdenum	96-1	0.23	0.25	0.25	0.24	4.94	ppb
Molybdenum	97-1	0.10	0.08	0.10	0.09	10.33	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.25	7.28	7.52	7.35	2.04	ppb
Phosphorus	31-2	662.35	674.42	675.23	670.67	1.08	ppb
Potassium	39-2	837.80	848.07	840.24	842.04	0.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.55	0.27	-0.85	-0.01		ppb
Selenium	77-2	1.51	1.90	0.76	1.39	41.44	ppb
Selenium	78-2	-0.81	-1.12	-0.98	-0.97		ppb
Silicon	28-1	401.82	402.47	410.88	405.06	1.25	ppb
Silver	107-1	0.10	0.09	0.09	0.09	2.95	ppb
Silver	109-1	0.08	0.09	0.09	0.09	8.38	ppb
Sodium	23-2	108.66	109.57	109.90	109.38	0.59	ppb
Strontium	86-1	27.99	28.39	28.46	28.28	0.89	ppb
Strontium	88-1	27.98	27.89	28.35	28.07	0.87	ppb
Sulfur	34-1	-942.58	-834.01	-778.98	-851.86		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.04	0.04	12.09	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	13.78	ppb
Tin	118-1	1.59	1.66	1.68	1.65	2.83	ppb
Titanium	47-1	81.28	81.28	81.70	81.42	0.30	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02LX5	Instrumnet Name :	P7
Client Sample ID :	YE0S7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 07:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.34	0.34	0.34	1.32	ppb
Vanadium	51-2	36.90	36.96	37.25	37.03	0.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	79.71	81.02	80.95	80.56	0.91	ppb
Zirconium	90-1	0.37	0.34	0.37	0.36	4.03	ppb
Zirconium	91-1	0.32	0.39	0.38	0.36	10.46	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-05	Instrumnet Name :	P7
Client Sample ID :	YE0S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:42:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19453.16	19293.76	18919.01	19221.98	1.43	ppb
Antimony	121-1	0.11	0.12	0.13	0.12	9.56	ppb
Arsenic	75-2	10.59	10.40	10.89	10.63	2.35	ppb
Barium	135-1	335.31	341.63	343.02	339.99	1.21	ppb
Barium	137-1	337.53	341.76	343.77	341.02	0.93	ppb
Beryllium	9-1	1.34	1.43	1.61	1.46	9.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.29	0.51	0.40	27.57	ppb
Cadmium	106-1	0.03	-0.04	-1.35	-0.46		ppb
Cadmium	111-1	0.23	0.29	0.22	0.25	14.22	ppb
Calcium	43-1	13187.16	13272.27	13422.15	13293.86	0.89	ppb
Calcium	44-1	12216.81	12270.02	12311.03	12265.95	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.84	16.31	16.66	16.60	1.64	ppb
Cobalt	59-2	38.77	38.72	38.76	38.75	0.07	ppb
Copper	63-2	84.24	84.40	83.30	83.98	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				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	57156.75	56460.21	55339.89	56318.95	1.63	ppb
Iron	57-2	56764.16	56763.73	55540.30	56356.06	1.25	ppb
Iron	54-2	55900.00	55676.09	54999.88	55525.33	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-05	Instrumnet Name :	P7
Client Sample ID :	YE0S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:42:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.42	15.62	15.95	15.67	1.71	ppb
Lead	207-1	14.66	14.76	14.81	14.74	0.53	ppb
Lead	208-1	15.00	15.09	15.31	15.13	1.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	5759.06	5802.35	5617.95	5726.45	1.68	ppb
Manganese	55-2	2014.34	1994.01	1955.21	1987.85	1.51	ppb
Molybdenum	94-1	1.34	1.44	1.44	1.40	4.25	ppb
Molybdenum	95-1	0.17	0.21	0.20	0.19	11.55	ppb
Molybdenum	96-1	0.66	0.77	0.70	0.71	7.48	ppb
Molybdenum	97-1	0.16	0.16	0.16	0.16	0.62	ppb
Molybdenum	98-1	0.16	0.15	0.14	0.15	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.69	9.67	9.78	9.71	0.59	ppb
Phosphorus	31-2	660.80	635.24	630.58	642.20	2.53	ppb
Potassium	39-2	3274.12	3207.03	3205.81	3228.99	1.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.03	0.81	0.80	0.53	91.61	ppb
Selenium	77-2	8.45	7.34	7.21	7.67	8.90	ppb
Selenium	78-2	4.31	2.45	0.49	2.42	79.03	ppb
Silicon	28-1	1485.54	1509.92	1506.41	1500.62	0.88	ppb
Silver	107-1	0.20	0.17	0.16	0.18	13.53	ppb
Silver	109-1	0.18	0.15	0.17	0.17	7.81	ppb
Sodium	23-2	293.62	289.65	293.06	292.11	0.73	ppb
Strontium	86-1	45.25	45.97	45.92	45.71	0.88	ppb
Strontium	88-1	44.70	45.37	45.49	45.19	0.94	ppb
Sulfur	34-1	-1118.66	-1151.23	-1146.71	-1138.87		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.18	0.19	0.19	2.99	ppb
Thallium	205-1	0.16	0.18	0.18	0.17	4.43	ppb
Tin	118-1	1.12	1.21	1.21	1.18	4.11	ppb
Titanium	47-1	290.13	296.22	292.15	292.83	1.06	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-05	Instrumnet Name :	P7
Client Sample ID :	YE0S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:42:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.66	0.68	0.66	1.88	ppb
Vanadium	51-2	211.48	208.01	209.51	209.67	0.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	83.43	82.69	82.08	82.74	0.81	ppb
Zirconium	90-1	0.69	0.70	0.71	0.70	0.99	ppb
Zirconium	91-1	0.67	0.68	0.77	0.71	8.01	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-06	Instrumnet Name :	P7
Client Sample ID :	YE0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:45:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24953.79	25091.88	24444.82	24830.16	1.37	ppb
Antimony	121-1	0.18	0.19	0.22	0.20	11.49	ppb
Arsenic	75-2	15.75	16.07	16.10	15.98	1.22	ppb
Barium	135-1	420.16	432.35	429.09	427.20	1.48	ppb
Barium	137-1	420.59	432.38	427.59	426.86	1.39	ppb
Beryllium	9-1	1.37	1.69	1.48	1.52	10.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.73	1.03	0.83	0.86	17.36	ppb
Cadmium	106-1	0.19	0.02	0.74	0.32	120.11	ppb
Cadmium	111-1	0.75	0.67	0.75	0.72	6.56	ppb
Calcium	43-1	21251.91	21572.02	21908.34	21577.42	1.52	ppb
Calcium	44-1	19819.48	19876.60	20079.57	19925.22	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.91	23.36	22.77	23.01	1.35	ppb
Cobalt	59-2	45.81	47.04	45.83	46.23	1.52	ppb
Copper	63-2	103.16	104.63	102.29	103.36	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				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	65673.87	65996.26	64774.15	65481.43	0.97	ppb
Iron	57-2	64648.18	65928.78	64420.82	64999.26	1.25	ppb
Iron	54-2	65840.89	65821.42	64854.46	65505.59	0.86	ppb
Krypton	83-1						cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-06	Instrumnet Name :	P7
Client Sample ID :	YE0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:45:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.51	32.04	31.83	31.79	0.84	ppb
Lead	207-1	29.87	30.32	30.23	30.14	0.79	ppb
Lead	208-1	30.59	31.06	31.07	30.91	0.90	ppb
Lithium	6-1				102		%
Magnesium	24-2	7683.01	7706.97	7623.96	7671.31	0.56	ppb
Manganese	55-2	2341.51	2390.73	2315.83	2349.36	1.62	ppb
Molybdenum	94-1	2.31	2.35	2.49	2.38	3.88	ppb
Molybdenum	95-1	0.30	0.32	0.31	0.31	3.86	ppb
Molybdenum	96-1	0.95	0.97	0.99	0.97	2.26	ppb
Molybdenum	97-1	0.29	0.28	0.32	0.30	5.93	ppb
Molybdenum	98-1	0.26	0.27	0.29	0.27	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.09	14.24	13.76	14.03	1.76	ppb
Phosphorus	31-2	1312.15	1283.13	1322.29	1305.86	1.56	ppb
Potassium	39-2	4909.81	4970.97	4927.80	4936.19	0.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.09	0.58	1.38	0.62	117.60	ppb
Selenium	77-2	7.37	9.31	7.05	7.91	15.48	ppb
Selenium	78-2	0.40	0.57	1.32	0.76	63.84	ppb
Silicon	28-1	2081.58	2086.60	2107.74	2091.97	0.66	ppb
Silver	107-1	0.13	0.13	0.15	0.14	5.85	ppb
Silver	109-1	0.12	0.15	0.15	0.14	11.54	ppb
Sodium	23-2	313.89	316.04	311.61	313.85	0.71	ppb
Strontium	86-1	76.73	77.90	77.84	77.49	0.85	ppb
Strontium	88-1	76.25	77.32	77.57	77.05	0.91	ppb
Sulfur	34-1	-711.12	-689.19	-629.66	-676.66		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.17	0.16	0.18	0.17	8.00	ppb
Thallium	205-1	0.18	0.17	0.16	0.17	6.76	ppb
Tin	118-1	1.64	1.64	1.68	1.65	1.44	ppb
Titanium	47-1	373.80	374.60	380.34	376.25	0.95	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-06	Instrumnet Name :	P7
Client Sample ID :	YE0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:45:24	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.89	0.88	1.03	ppb
Vanadium	51-2	252.31	252.31	249.48	251.37	0.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	317.58	322.79	315.21	318.53	1.22	ppb
Zirconium	90-1	1.18	1.22	1.27	1.22	3.38	ppb
Zirconium	91-1	1.10	1.26	1.29	1.22	8.28	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-07	Instrumnet Name :	P7
Client Sample ID :	YE0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:48:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18627.70	18650.35	18860.82	18712.96	0.69	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	7.18	ppb
Arsenic	75-2	8.48	8.77	9.05	8.77	3.26	ppb
Barium	135-1	341.33	338.22	333.40	337.65	1.18	ppb
Barium	137-1	341.14	337.58	333.88	337.53	1.08	ppb
Beryllium	9-1	1.43	1.39	1.47	1.43	2.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.46	0.29	0.31	0.35	25.80	ppb
Cadmium	106-1	-0.27	-1.19	-0.84	-0.77		ppb
Cadmium	111-1	0.19	0.17	0.15	0.17	13.70	ppb
Calcium	43-1	13323.26	13495.61	13368.56	13395.81	0.67	ppb
Calcium	44-1	12336.34	12317.06	12511.85	12388.41	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.52	14.78	14.93	14.75	1.44	ppb
Cobalt	59-2	38.06	38.61	38.49	38.38	0.76	ppb
Copper	63-2	78.51	79.50	80.96	79.66	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	51833.10	51874.98	52284.74	51997.61	0.48	ppb
Iron	57-2	51842.05	51807.26	51859.92	51836.41	0.05	ppb
Iron	54-2	51198.38	51376.45	51895.62	51490.15	0.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-07	Instrumnet Name :	P7
Client Sample ID :	YE0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:48:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.66	15.51	15.40	15.52	0.86	ppb
Lead	207-1	14.82	14.65	14.60	14.69	0.80	ppb
Lead	208-1	15.14	15.04	14.89	15.02	0.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	5567.36	5661.24	5867.58	5698.72	2.69	ppb
Manganese	55-2	2020.20	2019.81	2037.24	2025.75	0.49	ppb
Molybdenum	94-1	1.00	0.91	1.03	0.98	6.82	ppb
Molybdenum	95-1	0.15	0.14	0.14	0.14	4.44	ppb
Molybdenum	96-1	0.57	0.57	0.59	0.58	2.68	ppb
Molybdenum	97-1	0.10	0.11	0.11	0.10	4.89	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.10	7.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.95	9.11	9.37	9.14	2.28	ppb
Phosphorus	31-2	526.76	523.76	539.34	529.95	1.56	ppb
Potassium	39-2	3111.14	3141.33	3180.94	3144.47	1.11	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.21	0.59	0.54	0.45	45.86	ppb
Selenium	77-2	5.64	3.85	6.96	5.49	28.50	ppb
Selenium	78-2	1.30	2.14	2.18	1.87	26.34	ppb
Silicon	28-1	1638.94	1641.81	1652.26	1644.34	0.43	ppb
Silver	107-1	0.09	0.08	0.09	0.09	2.19	ppb
Silver	109-1	0.09	0.09	0.10	0.09	3.45	ppb
Sodium	23-2	261.06	259.17	265.85	262.03	1.32	ppb
Strontium	86-1	45.41	44.94	45.47	45.27	0.64	ppb
Strontium	88-1	44.80	44.58	44.76	44.71	0.26	ppb
Sulfur	34-1	-1304.20	-1333.33	-1250.55	-1296.03		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.14	0.12	0.14	10.28	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	3.68	ppb
Tin	118-1	0.96	0.88	0.94	0.93	4.66	ppb
Titanium	47-1	220.09	219.27	219.16	219.50	0.23	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-07	Instrumnet Name :	P7
Client Sample ID :	YE0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:48:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.63	0.63	0.63	0.24	ppb
Vanadium	51-2	192.64	194.11	195.75	194.17	0.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	80.02	79.45	79.89	79.79	0.37	ppb
Zirconium	90-1	0.51	0.49	0.49	0.50	2.06	ppb
Zirconium	91-1	0.47	0.53	0.59	0.53	10.60	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:53:37	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	219.53	222.83	218.49	220.28	1.03	ppb
Antimony	121-1	0.25	0.28	0.27	0.27	5.66	ppb
Arsenic	75-2	0.22	0.34	0.34	0.30	22.61	ppb
Barium	135-1	8.62	8.41	8.51	8.52	1.25	ppb
Barium	137-1	8.49	8.51	8.53	8.51	0.24	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	107.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.08	0.05	0.07	23.99	ppb
Cadmium	106-1	-2.69	-2.62	-1.70	-2.34		ppb
Cadmium	111-1	-0.20	-0.20	-0.13	-0.17		ppb
Calcium	43-1	1690.21	1661.19	1663.69	1671.70	0.96	ppb
Calcium	44-1	1719.73	1682.02	1697.19	1699.65	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.84	2.85	2.72	2.81	2.50	ppb
Cobalt	59-2	0.13	0.17	0.14	0.15	14.80	ppb
Copper	63-2	2.20	2.33	2.33	2.29	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	450.04	455.95	453.78	453.26	0.66	ppb
Iron	57-2	457.85	455.45	463.54	458.95	0.91	ppb
Iron	54-2	451.04	467.08	458.51	458.88	1.75	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:53:37	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.61	0.63	0.56	0.60	6.36	ppb
Lead	207-1	0.60	0.62	0.59	0.61	2.61	ppb
Lead	208-1	0.61	0.63	0.58	0.61	3.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	232.56	232.99	232.39	232.64	0.13	ppb
Manganese	55-2	8.57	8.60	8.79	8.65	1.35	ppb
Molybdenum	94-1	2.25	2.29	2.29	2.28	1.08	ppb
Molybdenum	95-1	0.35	0.39	0.42	0.38	9.02	ppb
Molybdenum	96-1	0.61	0.56	0.56	0.58	4.58	ppb
Molybdenum	97-1	0.39	0.36	0.37	0.37	3.41	ppb
Molybdenum	98-1	0.35	0.37	0.39	0.37	6.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.78	0.95	0.84	10.88	ppb
Phosphorus	31-2	5.14	-7.55	-3.72	-2.04		ppb
Potassium	39-2	125.96	127.82	127.25	127.01	0.75	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	-0.25	-0.26	-0.09	-0.20		ppb
Selenium	77-2	0.00	0.41	0.00	0.14	173.21	ppb
Selenium	78-2	-0.09	-0.54	-0.64	-0.42		ppb
Silicon	28-1	1475.87	1450.22	1469.80	1465.30	0.91	ppb
Silver	107-1	0.00	0.00	0.00	0.00	106.66	ppb
Silver	109-1	0.01	0.00	0.00	0.00	68.67	ppb
Sodium	23-2	2628.73	2655.87	2655.01	2646.53	0.58	ppb
Strontium	86-1	6.38	6.20	6.35	6.31	1.50	ppb
Strontium	88-1	6.32	6.30	6.29	6.31	0.28	ppb
Sulfur	34-1	-1264.37	-1381.50	-1355.32	-1333.73		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.59	1.60	1.60	1.60	0.65	ppb
Titanium	47-1	11.32	11.97	11.58	11.62	2.80	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:53:37	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	5.20	ppb
Vanadium	51-2	0.45	0.46	0.44	0.45	1.98	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	21.15	21.01	20.87	21.01	0.67	ppb
Zirconium	90-1	1.11	1.12	1.13	1.12	0.98	ppb
Zirconium	91-1	1.07	1.09	1.07	1.08	1.33	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-01	Instrumnet Name :	P7
Client Sample ID :	MH2GG8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:56:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10285.65	10336.40	10190.62	10270.89	0.72	ppb
Antimony	121-1	8.11	8.06	7.92	8.03	1.25	ppb
Arsenic	75-2	14.74	14.42	14.85	14.67	1.52	ppb
Barium	135-1	553.36	544.85	540.60	546.27	1.19	ppb
Barium	137-1	581.26	569.94	560.79	570.66	1.80	ppb
Beryllium	9-1	1.12	1.16	1.26	1.18	6.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.21	6.66	6.86	7.25	11.64	ppb
Cadmium	106-1	5.80	6.39	4.92	5.71	12.95	ppb
Cadmium	111-1	6.49	6.44	6.18	6.37	2.58	ppb
Calcium	43-1	116691.94	117300.32	117894.40	117295.55	0.51	ppb
Calcium	44-1	116504.66	116362.93	117498.67	116788.75	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.18	61.75	61.65	61.86	0.45	ppb
Cobalt	59-2	10.90	10.99	10.88	10.92	0.53	ppb
Copper	63-2	166.55	163.45	166.03	165.34	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				101		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	21458.33	21238.39	21240.28	21312.33	0.59	ppb
Iron	57-2	23240.59	22899.59	23041.04	23060.41	0.74	ppb
Iron	54-2	21604.78	21320.91	21403.35	21443.01	0.68	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-01	Instrumnet Name :	P7
Client Sample ID :	MH2GG8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:56:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	728.71	731.40	747.21	735.77	1.36	ppb
Lead	207-1	698.95	709.59	712.67	707.07	1.02	ppb
Lead	208-1	709.12	714.66	721.82	715.20	0.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	9885.64	9771.14	9851.71	9836.16	0.60	ppb
Manganese	55-2	1286.36	1260.85	1290.00	1279.07	1.24	ppb
Molybdenum	94-1	12.30	11.83	11.83	11.98	2.26	ppb
Molybdenum	95-1	2.46	2.33	2.45	2.41	3.00	ppb
Molybdenum	96-1	3.45	3.50	3.62	3.53	2.46	ppb
Molybdenum	97-1	2.42	2.40	2.47	2.43	1.45	ppb
Molybdenum	98-1	2.37	2.30	2.37	2.34	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.87	39.69	40.11	40.23	1.49	ppb
Phosphorus	31-2	5954.90	5808.57	5830.68	5864.72	1.34	ppb
Potassium	39-2	8668.94	8598.62	8704.82	8657.46	0.62	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	1.29	1.22	1.79	1.43	21.62	ppb
Selenium	77-2	10.61	6.54	7.40	8.18	26.22	ppb
Selenium	78-2	1.71	0.65	2.23	1.53	52.72	ppb
Silicon	28-1	1850.78	1880.99	1895.35	1875.70	1.21	ppb
Silver	107-1	2.20	2.24	2.20	2.21	1.09	ppb
Silver	109-1	2.14	2.20	2.16	2.16	1.45	ppb
Sodium	23-2	10645.62	10543.37	10523.56	10570.85	0.62	ppb
Strontium	86-1	352.37	355.48	354.83	354.23	0.46	ppb
Strontium	88-1	347.56	352.83	354.93	351.77	1.08	ppb
Sulfur	34-1	3122.27	3284.29	3399.05	3268.54	4.25	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.32	0.31	0.31	0.32	1.85	ppb
Thallium	205-1	0.30	0.32	0.32	0.31	3.72	ppb
Tin	118-1	28.16	28.00	27.90	28.02	0.46	ppb
Titanium	47-1	239.46	238.17	242.89	240.17	1.02	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-01	Instrumnet Name :	P7
Client Sample ID :	MH2GG8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:56:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.31	2.31	2.36	2.33	1.23	ppb
Vanadium	51-2	44.55	43.24	43.49	43.76	1.59	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1542.12	1510.99	1530.46	1527.86	1.03	ppb
Zirconium	90-1	5.52	5.68	5.63	5.61	1.46	ppb
Zirconium	91-1	5.63	5.79	5.69	5.70	1.40	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-02	Instrumnet Name :	P7
Client Sample ID :	MH2GG9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:59:57	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8949.58	8889.22	9033.99	8957.60	0.81	ppb
Antimony	121-1	23.79	24.06	23.91	23.92	0.57	ppb
Arsenic	75-2	14.81	15.11	14.27	14.73	2.88	ppb
Barium	135-1	439.75	438.68	442.60	440.34	0.46	ppb
Barium	137-1	437.31	441.40	442.81	440.51	0.65	ppb
Beryllium	9-1	1.03	0.98	1.04	1.02	3.23	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.90	6.28	5.88	6.02	3.74	ppb
Cadmium	106-1	4.44	4.81	4.83	4.69	4.71	ppb
Cadmium	111-1	5.17	4.99	5.11	5.09	1.84	ppb
Calcium	43-1	90627.97	91500.88	92510.55	91546.47	1.03	ppb
Calcium	44-1	91192.53	91033.69	91726.69	91317.63	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.43	44.87	45.29	44.86	0.95	ppb
Cobalt	59-2	9.05	9.07	9.42	9.18	2.26	ppb
Copper	63-2	139.22	138.79	142.27	140.10	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	17845.85	17445.83	17686.90	17659.52	1.14	ppb
Iron	57-2	19046.91	18869.64	19334.55	19083.70	1.23	ppb
Iron	54-2	17503.63	17753.12	17739.37	17665.37	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-02	Instrumnet Name :	P7
Client Sample ID :	MH2GG9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:59:57	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	461.78	479.10	478.85	473.25	2.10	ppb
Lead	207-1	450.35	460.43	461.90	457.56	1.37	ppb
Lead	208-1	457.38	464.47	466.59	462.81	1.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	9053.95	9094.90	9126.41	9091.75	0.40	ppb
Manganese	55-2	980.62	967.77	979.40	975.93	0.73	ppb
Molybdenum	94-1	11.86	12.27	12.18	12.10	1.78	ppb
Molybdenum	95-1	2.11	2.08	2.19	2.12	2.68	ppb
Molybdenum	96-1	3.16	3.23	3.27	3.22	1.81	ppb
Molybdenum	97-1	2.13	2.17	2.15	2.15	0.87	ppb
Molybdenum	98-1	2.06	2.15	2.15	2.12	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.48	32.21	33.16	32.62	1.49	ppb
Phosphorus	31-2	4641.41	4702.17	4786.79	4710.12	1.55	ppb
Potassium	39-2	6631.25	6685.39	6744.74	6687.13	0.85	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	2.15	1.25	1.23	1.54	33.94	ppb
Selenium	77-2	7.23	8.95	9.88	8.69	15.44	ppb
Selenium	78-2	2.51	3.79	2.38	2.89	26.91	ppb
Silicon	28-1	1606.41	1615.82	1626.67	1616.30	0.63	ppb
Silver	107-1	2.68	2.69	2.69	2.69	0.31	ppb
Silver	109-1	2.63	2.66	2.62	2.64	0.87	ppb
Sodium	23-2	6181.09	6232.35	6193.77	6202.40	0.43	ppb
Strontium	86-1	287.38	292.35	295.12	291.62	1.34	ppb
Strontium	88-1	282.74	291.10	288.75	287.53	1.50	ppb
Sulfur	34-1	2540.76	2608.55	2584.01	2577.77	1.33	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.26	0.30	0.30	0.28	7.76	ppb
Thallium	205-1	0.27	0.30	0.30	0.29	5.94	ppb
Tin	118-1	12.68	12.74	13.06	12.83	1.57	ppb
Titanium	47-1	191.81	191.09	192.88	191.93	0.47	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-02	Instrumnet Name :	P7
Client Sample ID :	MH2GG9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:59:57	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.00	2.06	2.06	2.04	1.65	ppb
Vanadium	51-2	39.51	40.29	40.77	40.19	1.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1366.07	1378.17	1390.54	1378.26	0.89	ppb
Zirconium	90-1	5.75	5.95	6.03	5.91	2.48	ppb
Zirconium	91-1	5.87	6.06	5.96	5.96	1.57	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-03	Instrumnet Name :	P7
Client Sample ID :	MH2GH0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:03:05	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13234.17	13121.87	13195.31	13183.78	0.43	ppb
Antimony	121-1	26.22	21.21	21.82	23.08	11.84	ppb
Arsenic	75-2	19.10	19.96	19.14	19.40	2.48	ppb
Barium	135-1	808.29	646.55	670.68	708.51	12.32	ppb
Barium	137-1	840.94	680.44	700.43	740.61	11.81	ppb
Beryllium	9-1	1.83	1.60	1.77	1.73	6.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.94	7.31	7.61	8.29	17.37	ppb
Cadmium	106-1	9.28	8.52	7.35	8.38	11.62	ppb
Cadmium	111-1	9.32	7.62	7.53	8.16	12.32	ppb
Calcium	43-1	163549.44	134096.75	139241.12	145629.10	10.80	ppb
Calcium	44-1	162679.60	134297.75	138728.36	145235.23	10.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.16	83.87	85.51	84.52	1.03	ppb
Cobalt	59-2	13.08	12.95	13.24	13.09	1.10	ppb
Copper	63-2	232.83	230.94	234.59	232.78	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				101		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	28099.16	27723.12	27946.31	27922.86	0.68	ppb
Iron	57-2	30126.68	29990.68	30358.29	30158.55	0.62	ppb
Iron	54-2	28124.95	27916.48	28153.47	28064.97	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-03	Instrumnet Name :	P7
Client Sample ID :	MH2GH0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:03:05	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	869.12	721.56	752.79	781.16	9.96	ppb
Lead	207-1	844.31	704.88	730.53	759.91	9.77	ppb
Lead	208-1	859.22	710.97	737.55	769.25	10.28	ppb
Lithium	6-1				95		%
Magnesium	24-2	10543.90	10636.68	10622.57	10601.05	0.47	ppb
Manganese	55-2	1579.88	1547.77	1581.16	1569.60	1.21	ppb
Molybdenum	94-1	16.54	13.55	14.17	14.75	10.73	ppb
Molybdenum	95-1	3.77	3.04	3.31	3.38	10.95	ppb
Molybdenum	96-1	5.34	4.39	4.61	4.78	10.41	ppb
Molybdenum	97-1	3.93	3.24	3.34	3.50	10.73	ppb
Molybdenum	98-1	3.88	3.16	3.30	3.45	10.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.02	57.66	57.79	57.82	0.31	ppb
Phosphorus	31-2	7596.25	7518.27	7665.51	7593.34	0.97	ppb
Potassium	39-2	10959.34	10939.46	11082.87	10993.89	0.71	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				89		%
Scandium	45-2				94		%
Selenium	82-1	3.19	2.77	2.33	2.77	15.56	ppb
Selenium	77-2	9.96	11.96	12.90	11.61	12.94	ppb
Selenium	78-2	1.28	2.59	2.15	2.01	33.16	ppb
Silicon	28-1	2522.56	2094.92	2160.99	2259.49	10.19	ppb
Silver	107-1	4.57	3.75	3.85	4.06	11.01	ppb
Silver	109-1	4.52	3.70	3.86	4.03	10.83	ppb
Sodium	23-2	41650.92	41611.82	42096.95	41786.56	0.64	ppb
Strontium	86-1	499.26	407.59	425.29	444.05	10.95	ppb
Strontium	88-1	492.84	404.31	421.69	439.61	10.67	ppb
Sulfur	34-1	6100.72	4005.63	4407.25	4837.87	22.98	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.45	0.37	0.41	0.41	9.37	ppb
Thallium	205-1	0.45	0.37	0.38	0.40	10.84	ppb
Tin	118-1	39.13	31.56	32.63	34.44	11.90	ppb
Titanium	47-1	362.20	300.40	310.25	324.29	10.24	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-03	Instrumnet Name :	P7
Client Sample ID :	MH2GH0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:03:05	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.57	2.97	3.09	3.21	9.89	ppb
Vanadium	51-2	54.77	54.70	55.21	54.89	0.50	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	1837.04	1834.19	1863.05	1844.76	0.86	ppb
Zirconium	90-1	7.53	6.28	6.48	6.77	9.92	ppb
Zirconium	91-1	7.37	6.32	6.38	6.69	8.88	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-04	Instrumnet Name :	P7
Client Sample ID :	MH2GH1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:06:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10958.45	10970.57	10803.36	10910.79	0.85	ppb
Antimony	121-1	24.47	24.88	24.98	24.78	1.09	ppb
Arsenic	75-2	18.28	19.49	18.02	18.60	4.23	ppb
Barium	135-1	412.47	417.27	424.25	418.00	1.42	ppb
Barium	137-1	416.84	418.44	422.90	419.40	0.75	ppb
Beryllium	9-1	1.28	1.24	1.26	1.26	1.73	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.91	6.57	6.59	6.69	2.82	ppb
Cadmium	106-1	5.72	6.39	5.55	5.89	7.53	ppb
Cadmium	111-1	5.84	6.00	5.85	5.90	1.52	ppb
Calcium	43-1	117458.14	117573.02	119083.94	118038.36	0.77	ppb
Calcium	44-1	118207.47	117750.19	117798.70	117918.79	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.13	55.08	54.60	54.94	0.53	ppb
Cobalt	59-2	13.87	13.67	13.62	13.72	0.95	ppb
Copper	63-2	213.25	216.29	214.00	214.51	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	25033.01	24840.53	24906.15	24926.56	0.39	ppb
Iron	57-2	26703.94	26922.39	26721.43	26782.59	0.45	ppb
Iron	54-2	24905.23	25326.95	24681.44	24971.21	1.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-04	Instrumnet Name :	P7
Client Sample ID :	MH2GH1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:06:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	486.88	494.20	496.01	492.36	0.98	ppb
Lead	207-1	464.74	476.22	479.80	473.58	1.66	ppb
Lead	208-1	474.32	483.55	484.48	480.78	1.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	12242.02	12387.11	12430.33	12353.16	0.80	ppb
Manganese	55-2	1115.94	1101.05	1080.50	1099.16	1.62	ppb
Molybdenum	94-1	14.53	14.72	14.68	14.65	0.67	ppb
Molybdenum	95-1	3.88	3.85	3.88	3.87	0.54	ppb
Molybdenum	96-1	5.24	5.34	5.31	5.30	0.98	ppb
Molybdenum	97-1	4.00	4.05	3.79	3.95	3.47	ppb
Molybdenum	98-1	3.96	3.97	4.00	3.98	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.26	36.29	37.07	36.87	1.40	ppb
Phosphorus	31-2	5910.83	6118.22	5973.87	6000.97	1.77	ppb
Potassium	39-2	9557.59	9653.03	9500.13	9570.25	0.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	5.28	5.58	5.06	5.30	4.95	ppb
Selenium	77-2	16.46	21.53	17.28	18.42	14.79	ppb
Selenium	78-2	4.81	8.38	7.15	6.78	26.74	ppb
Silicon	28-1	1691.34	1698.14	1686.76	1692.08	0.34	ppb
Silver	107-1	1.86	1.82	1.89	1.86	1.98	ppb
Silver	109-1	1.84	1.85	1.86	1.85	0.66	ppb
Sodium	23-2	96175.80	97023.85	95635.66	96278.44	0.73	ppb
Strontium	86-1	433.63	441.16	435.94	436.91	0.88	ppb
Strontium	88-1	428.79	434.82	434.66	432.75	0.79	ppb
Sulfur	34-1	17394.94	17687.81	17610.11	17564.28	0.86	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.33	0.36	0.35	0.35	5.28	ppb
Thallium	205-1	0.34	0.36	0.36	0.35	2.72	ppb
Tin	118-1	33.27	33.74	33.70	33.57	0.78	ppb
Titanium	47-1	256.04	257.99	257.86	257.30	0.42	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-04	Instrumnet Name :	P7
Client Sample ID :	MH2GH1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:06:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.76	3.90	3.83	3.83	1.84	ppb
Vanadium	51-2	48.02	48.09	48.14	48.08	0.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1407.91	1417.77	1408.72	1411.47	0.39	ppb
Zirconium	90-1	6.25	6.47	6.49	6.40	2.13	ppb
Zirconium	91-1	6.29	6.44	6.43	6.39	1.34	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05	Instrumnet Name :	P7
Client Sample ID :	MH2GH2	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:09:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9078.07	9059.98	9162.01	9100.02	0.60	ppb
Antimony	121-1	5.87	5.90	5.85	5.87	0.43	ppb
Arsenic	75-2	22.01	21.19	22.37	21.86	2.78	ppb
Barium	135-1	470.61	479.43	476.88	475.64	0.95	ppb
Barium	137-1	471.91	497.75	497.75	489.14	3.05	ppb
Beryllium	9-1	0.90	0.92	0.80	0.88	7.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.21	6.58	7.36	7.05	5.89	ppb
Cadmium	106-1	7.68	6.57	6.93	7.06	8.04	ppb
Cadmium	111-1	6.17	6.51	6.42	6.37	2.76	ppb
Calcium	43-1	145358.45	148741.31	146734.92	146944.89	1.16	ppb
Calcium	44-1	145052.03	147963.73	145974.04	146329.93	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.14	64.53	64.49	64.39	0.34	ppb
Cobalt	59-2	11.76	11.96	11.86	11.86	0.85	ppb
Copper	63-2	120.12	120.92	122.46	121.17	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				106		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	43791.30	44624.93	44300.30	44238.84	0.95	ppb
Iron	57-2	44925.64	45569.18	45269.43	45254.75	0.71	ppb
Iron	54-2	44758.34	43784.00	44068.73	44203.69	1.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05	Instrumnet Name :	P7
Client Sample ID :	MH2GH2	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:09:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	745.56	768.60	762.14	758.77	1.57	ppb
Lead	207-1	728.22	745.24	741.81	738.43	1.22	ppb
Lead	208-1	734.53	747.55	745.76	742.61	0.95	ppb
Lithium	6-1				100		%
Magnesium	24-2	8618.80	8323.51	8551.42	8497.91	1.82	ppb
Manganese	55-2	723.06	718.92	729.37	723.78	0.73	ppb
Molybdenum	94-1	20.12	20.55	20.91	20.53	1.95	ppb
Molybdenum	95-1	4.93	5.06	5.08	5.02	1.62	ppb
Molybdenum	96-1	6.87	7.03	7.03	6.98	1.32	ppb
Molybdenum	97-1	4.97	5.02	4.97	4.99	0.64	ppb
Molybdenum	98-1	4.90	5.07	5.18	5.05	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.40	31.47	32.05	31.64	1.14	ppb
Phosphorus	31-2	6342.27	6281.13	6369.84	6331.08	0.72	ppb
Potassium	39-2	12503.78	12429.24	12657.53	12530.18	0.93	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	25.91	28.37	25.85	26.71	5.38	ppb
Selenium	77-2	37.96	41.27	36.17	38.47	6.72	ppb
Selenium	78-2	25.36	25.12	30.74	27.07	11.73	ppb
Silicon	28-1	1471.84	1493.34	1493.89	1486.36	0.85	ppb
Silver	107-1	2.33	2.42	2.44	2.40	2.49	ppb
Silver	109-1	2.36	2.47	2.34	2.39	2.96	ppb
Sodium	23-2	60347.53	59383.30	60197.85	59976.23	0.87	ppb
Strontium	86-1	494.07	501.07	506.78	500.64	1.27	ppb
Strontium	88-1	491.84	494.72	504.90	497.15	1.38	ppb
Sulfur	34-1	38116.05	38685.22	38723.79	38508.35	0.88	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.27	0.26	0.26	2.95	ppb
Thallium	205-1	0.24	0.25	0.26	0.25	3.31	ppb
Tin	118-1	21.56	21.73	21.68	21.66	0.41	ppb
Titanium	47-1	226.72	232.14	230.91	229.92	1.24	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05	Instrumnet Name :	P7
Client Sample ID :	MH2GH2	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:09:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.43	2.46	2.50	2.46	1.44	ppb
Vanadium	51-2	40.81	41.32	41.07	41.07	0.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1911.09	1908.93	1922.45	1914.16	0.38	ppb
Zirconium	90-1	9.15	9.44	9.54	9.38	2.15	ppb
Zirconium	91-1	9.29	9.43	9.56	9.43	1.47	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-06	Instrumnet Name :	P7
Client Sample ID :	MH2GH2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:12:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9419.71	9366.75	9421.97	9402.81	0.33	ppb
Antimony	121-1	5.90	5.93	6.06	5.96	1.39	ppb
Arsenic	75-2	22.13	23.36	23.60	23.03	3.43	ppb
Barium	135-1	487.91	488.01	501.70	492.54	1.61	ppb
Barium	137-1	502.63	510.56	516.79	509.99	1.39	ppb
Beryllium	9-1	0.89	0.90	0.95	0.91	3.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.21	7.42	7.66	7.43	3.00	ppb
Cadmium	106-1	6.78	7.81	7.06	7.22	7.41	ppb
Cadmium	111-1	6.60	6.78	6.80	6.73	1.65	ppb
Calcium	43-1	152198.81	151194.73	153072.52	152155.35	0.62	ppb
Calcium	44-1	149803.62	148409.48	150681.66	149631.59	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.19	64.27	64.74	64.74	0.71	ppb
Cobalt	59-2	12.39	12.29	12.40	12.36	0.47	ppb
Copper	63-2	127.95	125.39	126.14	126.49	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				99		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	45833.30	45223.77	45329.68	45462.25	0.72	ppb
Iron	57-2	46647.37	46289.47	46041.39	46326.08	0.66	ppb
Iron	54-2	45513.87	44764.65	45177.59	45152.04	0.83	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-06	Instrumnet Name :	P7
Client Sample ID :	MH2GH2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:12:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	727.46	752.30	730.47	736.74	1.84	ppb
Lead	207-1	713.22	729.41	726.82	723.15	1.20	ppb
Lead	208-1	717.03	733.46	719.56	723.35	1.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	8891.19	8892.99	8933.33	8905.84	0.27	ppb
Manganese	55-2	746.98	747.55	753.64	749.39	0.49	ppb
Molybdenum	94-1	20.38	20.89	20.66	20.64	1.22	ppb
Molybdenum	95-1	5.07	4.90	5.18	5.05	2.80	ppb
Molybdenum	96-1	6.96	7.05	7.01	7.01	0.65	ppb
Molybdenum	97-1	5.11	5.03	5.04	5.06	0.81	ppb
Molybdenum	98-1	5.09	5.14	5.12	5.12	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.22	33.18	33.99	33.46	1.36	ppb
Phosphorus	31-2	6678.45	6606.14	6576.38	6620.32	0.79	ppb
Potassium	39-2	13161.59	12889.28	13025.67	13025.51	1.05	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	27.73	27.64	27.32	27.56	0.77	ppb
Selenium	77-2	28.02	37.56	30.98	32.19	15.18	ppb
Selenium	78-2	26.19	28.17	28.63	27.66	4.69	ppb
Silicon	28-1	1560.87	1557.50	1561.41	1559.93	0.14	ppb
Silver	107-1	2.38	2.45	2.49	2.44	2.25	ppb
Silver	109-1	2.39	2.42	2.46	2.42	1.33	ppb
Sodium	23-2	62205.89	61613.18	62544.05	62121.04	0.76	ppb
Strontium	86-1	517.04	518.47	517.66	517.72	0.14	ppb
Strontium	88-1	511.32	514.45	517.13	514.30	0.56	ppb
Sulfur	34-1	40292.83	39673.92	40495.93	40154.22	1.07	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.26	0.27	0.28	0.27	4.58	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	1.29	ppb
Tin	118-1	22.06	22.30	22.56	22.31	1.11	ppb
Titanium	47-1	236.88	237.42	235.58	236.63	0.40	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-06	Instrumnet Name :	P7
Client Sample ID :	MH2GH2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:12:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.41	2.53	2.48	2.47	2.40	ppb
Vanadium	51-2	43.33	42.14	42.63	42.70	1.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	2001.06	1967.50	1986.24	1984.93	0.85	ppb
Zirconium	90-1	9.37	9.55	9.44	9.45	0.92	ppb
Zirconium	91-1	9.19	9.41	9.41	9.34	1.36	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05LX5	Instrumnet Name :	P7
Client Sample ID :	MH2GH2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 08:15:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1935.76	1915.83	1924.26	1925.28	0.52	ppb
Antimony	121-1	1.17	1.19	1.25	1.20	3.53	ppb
Arsenic	75-2	4.55	4.86	4.48	4.63	4.38	ppb
Barium	135-1	98.63	99.41	100.27	99.44	0.83	ppb
Barium	137-1	99.36	100.06	101.23	100.22	0.94	ppb
Beryllium	9-1	0.21	0.21	0.20	0.20	3.75	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	1.05	1.50	1.53	32.29	ppb
Cadmium	106-1	0.54	0.64	0.00	0.39	87.70	ppb
Cadmium	111-1	1.20	1.28	1.35	1.28	5.97	ppb
Calcium	43-1	32486.50	32734.92	33136.52	32785.98	1.00	ppb
Calcium	44-1	30159.82	30329.92	30183.85	30224.53	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.62	13.67	13.44	13.58	0.87	ppb
Cobalt	59-2	2.61	2.50	2.53	2.55	2.25	ppb
Copper	63-2	26.38	26.32	27.12	26.61	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				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	9282.84	9353.58	9302.32	9312.92	0.39	ppb
Iron	57-2	10011.92	9953.73	10023.01	9996.22	0.37	ppb
Iron	54-2	9920.98	9860.62	9985.46	9922.35	0.63	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05LX5	Instrumnet Name :	P7
Client Sample ID :	MH2GH2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 08:15:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	138.90	142.39	143.30	141.53	1.64	ppb
Lead	207-1	134.18	136.45	135.58	135.40	0.85	ppb
Lead	208-1	136.10	137.89	138.57	137.52	0.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	1865.64	1844.49	1858.87	1856.33	0.58	ppb
Manganese	55-2	154.02	151.97	153.48	153.16	0.69	ppb
Molybdenum	94-1	4.35	4.36	4.37	4.36	0.24	ppb
Molybdenum	95-1	1.06	1.03	1.06	1.05	1.79	ppb
Molybdenum	96-1	1.39	1.48	1.49	1.45	3.83	ppb
Molybdenum	97-1	1.05	1.05	1.01	1.04	2.30	ppb
Molybdenum	98-1	1.05	1.07	1.12	1.08	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.16	7.00	6.94	7.03	1.61	ppb
Phosphorus	31-2	1397.11	1290.59	1339.93	1342.55	3.97	ppb
Potassium	39-2	2864.02	2838.32	2875.86	2859.40	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	5.25	6.16	5.52	5.64	8.27	ppb
Selenium	77-2	7.64	9.77	5.80	7.74	25.66	ppb
Selenium	78-2	4.91	2.60	4.71	4.07	31.38	ppb
Silicon	28-1	309.04	307.51	312.77	309.77	0.87	ppb
Silver	107-1	0.48	0.50	0.51	0.50	2.42	ppb
Silver	109-1	0.49	0.52	0.50	0.50	2.96	ppb
Sodium	23-2	12392.72	12449.30	12579.93	12473.99	0.77	ppb
Strontium	86-1	106.03	107.03	107.69	106.92	0.78	ppb
Strontium	88-1	105.18	106.47	107.14	106.26	0.93	ppb
Sulfur	34-1	7768.46	7800.30	7905.99	7824.92	0.92	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.04	0.03	0.04	13.90	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.46	ppb
Tin	118-1	4.54	4.54	4.75	4.61	2.61	ppb
Titanium	47-1	47.64	48.14	48.47	48.08	0.87	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05LX5	Instrumnet Name :	P7
Client Sample ID :	MH2GH2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 08:15:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.49	0.48	0.85	ppb
Vanadium	51-2	8.81	8.57	8.65	8.68	1.39	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	414.94	413.63	417.03	415.20	0.41	ppb
Zirconium	90-1	1.94	1.98	1.97	1.96	1.03	ppb
Zirconium	91-1	1.94	1.95	2.05	1.98	3.07	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-07	Instrumnet Name :	P7
Client Sample ID :	MH2GH2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:18:36	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9640.30	9631.34	9563.63	9611.76	0.44	ppb
Antimony	121-1	24.78	25.08	24.60	24.82	0.97	ppb
Arsenic	75-2	28.45	29.36	27.81	28.54	2.74	ppb
Barium	135-1	815.81	838.29	832.66	828.92	1.41	ppb
Barium	137-1	855.61	865.78	871.74	864.37	0.94	ppb
Beryllium	9-1	10.42	10.50	10.23	10.38	1.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.11	15.29	15.71	15.37	2.01	ppb
Cadmium	106-1	17.21	16.01	14.52	15.91	8.48	ppb
Cadmium	111-1	16.07	16.60	15.84	16.17	2.40	ppb
Calcium	43-1	140883.00	142608.38	143874.33	142455.24	1.05	ppb
Calcium	44-1	141207.18	142941.81	144026.26	142725.08	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.27	104.43	102.10	104.27	2.00	ppb
Cobalt	59-2	113.79	112.57	110.17	112.18	1.64	ppb
Copper	63-2	169.47	169.39	167.33	168.73	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	43876.97	44312.84	43973.42	44054.41	0.52	ppb
Iron	57-2	44908.57	45251.98	44529.91	44896.82	0.80	ppb
Iron	54-2	44390.53	44358.17	43543.47	44097.39	1.09	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-07	Instrumnet Name :	P7
Client Sample ID :	MH2GH2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:18:36	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	732.17	740.51	759.09	743.92	1.85	ppb
Lead	207-1	715.75	716.59	725.73	719.36	0.77	ppb
Lead	208-1	715.98	717.14	727.06	720.06	0.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	8566.05	8556.48	8483.40	8535.31	0.53	ppb
Manganese	55-2	819.86	826.34	811.69	819.29	0.90	ppb
Molybdenum	94-1	19.59	19.92	20.09	19.87	1.28	ppb
Molybdenum	95-1	4.85	4.81	4.90	4.85	0.94	ppb
Molybdenum	96-1	6.67	6.84	6.85	6.79	1.54	ppb
Molybdenum	97-1	4.94	4.84	4.97	4.92	1.42	ppb
Molybdenum	98-1	4.93	4.83	5.02	4.93	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.10	136.96	133.37	134.81	1.41	ppb
Phosphorus	31-2	6311.36	6447.53	6318.26	6359.05	1.21	ppb
Potassium	39-2	12565.03	12688.69	12243.27	12499.00	1.84	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	45.07	44.33	45.48	44.96	1.29	ppb
Selenium	77-2	53.02	60.85	48.36	54.07	11.67	ppb
Selenium	78-2	40.69	42.17	46.12	42.99	6.53	ppb
Silicon	28-1	1536.07	1573.70	1580.93	1563.57	1.54	ppb
Silver	107-1	11.81	11.94	11.74	11.83	0.85	ppb
Silver	109-1	11.80	12.03	11.85	11.89	1.01	ppb
Sodium	23-2	59662.96	59364.95	58454.36	59160.76	1.06	ppb
Strontium	86-1	489.49	495.58	498.31	494.46	0.91	ppb
Strontium	88-1	491.75	489.88	495.25	492.30	0.55	ppb
Sulfur	34-1	37454.44	38188.05	38718.03	38120.17	1.66	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	8.99	8.96	9.02	8.99	0.34	ppb
Thallium	205-1	8.81	8.95	8.95	8.90	0.94	ppb
Tin	118-1	21.07	21.49	21.28	21.28	1.00	ppb
Titanium	47-1	231.80	235.47	239.29	235.52	1.59	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-07	Instrumnet Name :	P7
Client Sample ID :	MH2GH2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:18:36	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.38	2.37	2.42	2.39	1.06	ppb
Vanadium	51-2	140.40	140.90	140.03	140.44	0.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	2020.19	2013.90	1999.69	2011.26	0.52	ppb
Zirconium	90-1	9.00	9.08	9.04	9.04	0.39	ppb
Zirconium	91-1	8.84	9.25	9.06	9.05	2.24	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-08	Instrumnet Name :	P7
Client Sample ID :	MH2GH3	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:21:41	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4145.28	4177.70	4165.77	4162.92	0.39	ppb
Antimony	121-1	4.05	4.14	4.18	4.12	1.60	ppb
Arsenic	75-2	3.71	3.37	3.61	3.56	4.86	ppb
Barium	135-1	153.93	156.23	157.51	155.89	1.16	ppb
Barium	137-1	154.41	156.69	157.06	156.05	0.92	ppb
Beryllium	9-1	0.48	0.44	0.55	0.49	12.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	1.76	2.07	1.91	7.93	ppb
Cadmium	106-1	2.31	1.79	0.49	1.53	61.10	ppb
Cadmium	111-1	0.97	1.05	0.93	0.98	6.00	ppb
Calcium	43-1	72177.77	73160.10	73318.01	72885.29	0.85	ppb
Calcium	44-1	67215.02	67219.43	67506.05	67313.50	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.69	19.66	19.76	19.70	0.27	ppb
Cobalt	59-2	3.89	3.96	3.75	3.87	2.73	ppb
Copper	63-2	91.62	90.05	90.37	90.68	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	5127.34	5099.91	5094.64	5107.30	0.34	ppb
Iron	57-2	5745.21	5792.59	5774.30	5770.70	0.41	ppb
Iron	54-2	5463.54	5449.98	5419.01	5444.18	0.42	ppb
Krypton	83-1						cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-08	Instrumnet Name :	P7
Client Sample ID :	MH2GH3	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:21:41	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.32	47.05	47.25	47.20	0.30	ppb
Lead	207-1	43.84	44.94	44.72	44.50	1.30	ppb
Lead	208-1	45.30	46.04	45.99	45.78	0.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	17963.22	17931.54	17714.51	17869.76	0.76	ppb
Manganese	55-2	485.14	483.07	480.67	482.96	0.46	ppb
Molybdenum	94-1	16.74	17.05	17.11	16.97	1.15	ppb
Molybdenum	95-1	1.30	1.34	1.30	1.31	1.71	ppb
Molybdenum	96-1	2.89	3.02	3.19	3.03	5.04	ppb
Molybdenum	97-1	1.37	1.28	1.33	1.33	3.52	ppb
Molybdenum	98-1	1.29	1.30	1.30	1.30	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.73	42.87	43.42	43.01	0.85	ppb
Phosphorus	31-2	6048.92	6214.84	6087.90	6117.22	1.42	ppb
Potassium	39-2	21768.50	21910.38	21856.19	21845.02	0.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.34	1.01	1.77	1.04	68.75	ppb
Selenium	77-2	8.00	6.84	5.76	6.87	16.33	ppb
Selenium	78-2	0.03	-0.21	2.12	0.65	198.63	ppb
Silicon	28-1	994.44	1003.38	1009.17	1002.33	0.74	ppb
Silver	107-1	0.67	0.65	0.66	0.66	0.90	ppb
Silver	109-1	0.65	0.64	0.65	0.65	1.14	ppb
Sodium	23-2	32293.23	32709.10	32331.12	32444.49	0.71	ppb
Strontium	86-1	121.81	123.56	124.71	123.36	1.18	ppb
Strontium	88-1	121.62	125.20	123.53	123.45	1.45	ppb
Sulfur	34-1	6318.01	6365.79	6349.10	6344.30	0.38	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.05	0.05	0.05	17.50	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	6.94	ppb
Tin	118-1	4.61	4.53	4.70	4.61	1.82	ppb
Titanium	47-1	104.46	104.56	104.70	104.57	0.12	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-08	Instrumnet Name :	P7
Client Sample ID :	MH2GH3	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:21:41	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.95	0.97	0.96	0.81	ppb
Vanadium	51-2	9.14	9.10	9.13	9.12	0.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	386.24	384.99	388.02	386.42	0.39	ppb
Zirconium	90-1	9.04	9.42	9.53	9.33	2.72	ppb
Zirconium	91-1	9.55	9.43	11.08	10.02	9.20	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-09	Instrumnet Name :	P7
Client Sample ID :	MH2GH4	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:24:52	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5369.04	5316.77	5353.06	5346.29	0.50	ppb
Antimony	121-1	6.88	7.39	7.56	7.28	4.92	ppb
Arsenic	75-2	6.16	5.83	6.27	6.08	3.77	ppb
Barium	135-1	166.88	180.94	184.21	177.34	5.19	ppb
Barium	137-1	168.24	182.44	185.39	178.69	5.13	ppb
Beryllium	9-1	0.73	0.77	0.83	0.78	6.51	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	1.06	1.11	1.03	9.77	ppb
Cadmium	106-1	-0.37	-0.17	0.46	-0.03		ppb
Cadmium	111-1	0.44	0.47	0.52	0.48	8.30	ppb
Calcium	43-1	84244.67	90996.69	91715.88	88985.75	4.63	ppb
Calcium	44-1	84002.07	91087.46	90439.15	88509.56	4.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.60	21.93	22.36	22.30	1.52	ppb
Cobalt	59-2	4.53	4.58	4.58	4.56	0.66	ppb
Copper	63-2	41.93	41.82	42.11	41.95	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				108		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	12513.52	12348.30	12370.42	12410.75	0.72	ppb
Iron	57-2	13739.32	13501.74	13680.79	13640.62	0.91	ppb
Iron	54-2	13270.71	13098.95	13326.04	13231.90	0.89	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-09	Instrumnet Name :	P7
Client Sample ID :	MH2GH4	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:24:52	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.78	35.01	35.50	34.43	4.21	ppb
Lead	207-1	30.89	33.55	33.49	32.64	4.66	ppb
Lead	208-1	31.68	34.16	34.25	33.36	4.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	16060.74	15911.56	16021.24	15997.85	0.48	ppb
Manganese	55-2	669.67	663.98	674.61	669.42	0.79	ppb
Molybdenum	94-1	11.46	14.35	13.00	12.94	11.19	ppb
Molybdenum	95-1	2.59	2.75	2.82	2.72	4.35	ppb
Molybdenum	96-1	3.65	3.92	3.99	3.85	4.56	ppb
Molybdenum	97-1	2.67	2.85	2.86	2.79	3.91	ppb
Molybdenum	98-1	2.64	2.81	2.80	2.75	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.77	22.67	22.58	22.67	0.42	ppb
Phosphorus	31-2	7860.71	7677.70	7794.35	7777.58	1.19	ppb
Potassium	39-2	18695.78	18151.10	18532.42	18459.77	1.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	1.44	2.24	1.96	1.88	21.67	ppb
Selenium	77-2	7.21	7.27	8.83	7.77	11.79	ppb
Selenium	78-2	1.70	4.25	1.09	2.35	71.43	ppb
Silicon	28-1	1186.48	1285.03	1288.01	1253.17	4.61	ppb
Silver	107-1	0.61	0.64	0.65	0.63	3.46	ppb
Silver	109-1	0.57	0.62	0.67	0.62	7.62	ppb
Sodium	23-2	69160.74	68093.21	68988.25	68747.40	0.83	ppb
Strontium	86-1	299.76	320.36	326.12	315.41	4.39	ppb
Strontium	88-1	297.79	318.87	325.24	313.97	4.58	ppb
Sulfur	34-1	11169.05	12490.08	12418.35	12025.83	6.18	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.09	0.09	0.09	2.92	ppb
Thallium	205-1	0.09	0.10	0.10	0.10	8.88	ppb
Tin	118-1	3.03	3.33	3.40	3.26	6.04	ppb
Titanium	47-1	123.23	136.11	134.51	131.28	5.34	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-09	Instrumnet Name :	P7
Client Sample ID :	MH2GH4	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:24:52	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.93	2.06	2.10	2.03	4.53	ppb
Vanadium	51-2	12.67	12.57	13.07	12.77	2.08	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	333.57	329.77	335.13	332.83	0.83	ppb
Zirconium	90-1	5.58	6.07	6.01	5.89	4.56	ppb
Zirconium	91-1	5.71	5.90	6.21	5.94	4.22	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:28:03	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46228.17	48122.29	48680.59	47677.02	2.70	ppb
Antimony	121-1	486.08	491.79	503.52	493.79	1.80	ppb
Arsenic	75-2	488.12	501.21	505.02	498.12	1.78	ppb
Barium	135-1	2507.61	2503.74	2573.03	2528.13	1.54	ppb
Barium	137-1	2515.37	2495.56	2506.35	2505.76	0.40	ppb
Beryllium	9-1	500.84	510.16	498.80	503.27	1.20	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.05	492.95	499.13	495.71	0.63	ppb
Cadmium	106-1	501.98	495.54	503.80	500.44	0.87	ppb
Cadmium	111-1	499.88	497.67	509.39	502.31	1.24	ppb
Calcium	43-1	245481.03	248877.70	248977.98	247778.90	0.80	ppb
Calcium	44-1	241113.41	247620.83	245916.83	244883.69	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.30	511.20	508.06	502.19	2.59	ppb
Cobalt	59-2	477.36	498.28	500.80	492.15	2.61	ppb
Copper	63-2	4811.84	5096.03	5061.58	4989.82	3.11	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				99		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	122929.90	129364.12	128502.66	126932.22	2.75	ppb
Iron	57-2	124870.67	129359.84	129853.87	128028.13	2.14	ppb
Iron	54-2	123365.35	128208.50	127542.29	126372.05	2.08	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:28:03	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2528.26	2552.99	2557.70	2546.32	0.62	ppb
Lead	207-1	2507.68	2519.03	2534.97	2520.56	0.54	ppb
Lead	208-1	2514.59	2531.17	2539.54	2528.44	0.50	ppb
Lithium	6-1				90		%
Magnesium	24-2	229998.82	242111.90	242222.77	238111.16	2.95	ppb
Manganese	55-2	4924.45	5171.09	5158.30	5084.61	2.73	ppb
Molybdenum	94-1	5058.04	5083.18	5051.19	5064.14	0.33	ppb
Molybdenum	95-1	5046.84	5125.98	5048.03	5073.62	0.89	ppb
Molybdenum	96-1	5082.42	5123.57	5045.87	5083.96	0.76	ppb
Molybdenum	97-1	5074.26	5187.77	5102.46	5121.50	1.15	ppb
Molybdenum	98-1	5052.50	5148.25	5060.70	5087.15	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.10	502.87	492.29	491.42	2.42	ppb
Phosphorus	31-2	9281.49	9870.07	9636.90	9596.15	3.09	ppb
Potassium	39-2	117080.45	122451.87	121790.46	120440.93	2.43	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				86		%
Selenium	82-1	503.32	506.46	501.94	503.91	0.46	ppb
Selenium	77-2	461.07	459.14	473.18	464.46	1.64	ppb
Selenium	78-2	465.65	493.48	483.73	480.95	2.94	ppb
Silicon	28-1	515.32	524.57	519.21	519.70	0.89	ppb
Silver	107-1	484.47	480.90	490.23	485.20	0.97	ppb
Silver	109-1	487.80	479.40	496.74	487.98	1.78	ppb
Sodium	23-2	233040.01	246070.13	247312.31	242140.82	3.27	ppb
Strontium	86-1	12659.97	12934.31	12591.43	12728.57	1.43	ppb
Strontium	88-1	12376.12	12853.10	12547.91	12592.37	1.92	ppb
Sulfur	34-1	9782.60	10238.78	10057.57	10026.32	2.29	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	511.08	514.44	513.17	512.90	0.33	ppb
Thallium	205-1	505.47	507.56	508.20	507.08	0.28	ppb
Tin	118-1	504.34	501.97	506.41	504.24	0.44	ppb
Titanium	47-1	4925.22	5070.22	5037.81	5011.08	1.52	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:28:03	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	506.63	513.56	516.67	512.29	1.00	ppb
Vanadium	51-2	484.63	507.01	513.57	501.74	3.02	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%
Zinc	66-2	4764.05	5026.43	5085.56	4958.68	3.45	ppb
Zirconium	90-1	509.19	514.79	507.31	510.43	0.76	ppb
Zirconium	91-1	504.13	521.16	512.39	512.56	1.66	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:30:48	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.23	1.20	1.36	1.27	6.75	ppb
Antimony	121-1	0.33	0.30	0.36	0.33	8.71	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	97.68	ppb
Barium	135-1	0.10	0.07	0.10	0.09	17.77	ppb
Barium	137-1	0.11	0.10	0.06	0.09	31.00	ppb
Beryllium	9-1	0.11	0.05	0.12	0.09	39.01	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.01	-0.01	0.03	230.35	ppb
Cadmium	106-1	-1.30	-1.96	-3.26	-2.17		ppb
Cadmium	111-1	-0.04	-0.11	-0.20	-0.12		ppb
Calcium	43-1	11.74	9.01	9.60	10.12	14.21	ppb
Calcium	44-1	8.97	5.96	5.67	6.87	26.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.04	0.02	68.83	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	20.70	ppb
Copper	63-2	0.50	0.46	0.51	0.49	5.95	ppb
Dysprosium	156-1						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				97		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	4.52	4.87	5.01	4.80	5.28	ppb
Iron	57-2	3.69	2.28	3.10	3.02	23.38	ppb
Iron	54-2	5.88	4.38	7.01	5.76	22.90	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:30:48	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.21	0.18	0.21	10.98	ppb
Lead	207-1	0.22	0.19	0.18	0.20	10.47	ppb
Lead	208-1	0.23	0.20	0.18	0.21	13.09	ppb
Lithium	6-1				96		%
Magnesium	24-2	9.31	8.14	9.39	8.95	7.86	ppb
Manganese	55-2	0.23	0.16	0.20	0.20	17.88	ppb
Molybdenum	94-1	0.45	0.32	0.38	0.38	17.46	ppb
Molybdenum	95-1	0.33	0.30	0.29	0.31	5.45	ppb
Molybdenum	96-1	0.38	0.29	0.27	0.31	17.78	ppb
Molybdenum	97-1	0.35	0.37	0.30	0.34	10.76	ppb
Molybdenum	98-1	0.38	0.29	0.33	0.33	13.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.01	-0.01		ppb
Phosphorus	31-2	-10.07	-15.01	-16.51	-13.86		ppb
Potassium	39-2	9.17	13.86	12.30	11.78	20.26	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	-0.19	-0.24	0.29	-0.05		ppb
Selenium	77-2	0.00	0.41	0.42	0.28	86.61	ppb
Selenium	78-2	-1.62	-1.35	0.83	-0.71		ppb
Silicon	28-1	0.76	0.51	0.65	0.64	19.80	ppb
Silver	107-1	0.08	0.06	0.05	0.06	23.61	ppb
Silver	109-1	0.08	0.07	0.06	0.07	17.71	ppb
Sodium	23-2	53.48	47.63	50.35	50.49	5.79	ppb
Strontium	86-1	0.50	0.38	0.37	0.42	17.67	ppb
Strontium	88-1	0.50	0.41	0.37	0.43	16.03	ppb
Sulfur	34-1	-342.30	-150.58	-136.87	-209.92		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.05	0.03	0.05	39.89	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.56	ppb
Tin	118-1	0.10	0.13	0.15	0.13	18.76	ppb
Titanium	47-1	0.32	0.28	0.26	0.29	10.29	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:30:48	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	10.64	ppb
Vanadium	51-2	0.01	0.02	0.03	0.02	34.04	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	0.14	0.25	0.08	0.16	55.20	ppb
Zirconium	90-1	0.06	0.05	0.07	0.06	15.57	ppb
Zirconium	91-1	0.06	0.07	0.07	0.07	6.27	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-10	Instrumnet Name :	P7
Client Sample ID :	MH2GH5	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:34:07	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8526.24	8656.81	8595.44	8592.83	0.76	ppb
Antimony	121-1	3.37	3.50	3.46	3.44	1.91	ppb
Arsenic	75-2	22.28	22.83	22.34	22.48	1.33	ppb
Barium	135-1	440.97	450.56	446.77	446.10	1.08	ppb
Barium	137-1	441.30	453.98	449.79	448.36	1.44	ppb
Beryllium	9-1	0.86	0.95	0.88	0.90	5.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.53	6.42	6.62	6.53	1.50	ppb
Cadmium	106-1	5.42	4.94	6.97	5.78	18.37	ppb
Cadmium	111-1	5.03	4.97	5.10	5.04	1.36	ppb
Calcium	43-1	72762.76	74704.14	74299.93	73922.28	1.39	ppb
Calcium	44-1	67410.65	68729.10	68217.45	68119.07	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.67	78.53	77.46	77.22	1.87	ppb
Cobalt	59-2	8.46	8.64	8.43	8.51	1.33	ppb
Copper	63-2	158.20	158.01	157.33	157.85	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				105		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	20520.57	21075.29	21140.37	20912.08	1.63	ppb
Iron	57-2	22173.23	22590.44	22475.59	22413.09	0.96	ppb
Iron	54-2	20544.39	21162.10	20909.79	20872.09	1.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-10	Instrumnet Name :	P7
Client Sample ID :	MH2GH5	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:34:07	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	495.21	491.43	498.20	494.95	0.69	ppb
Lead	207-1	471.55	469.85	481.73	474.37	1.35	ppb
Lead	208-1	478.95	479.75	484.83	481.18	0.66	ppb
Lithium	6-1				98		%
Magnesium	24-2	9343.92	9479.01	9277.64	9366.85	1.10	ppb
Manganese	55-2	1346.98	1387.79	1381.49	1372.09	1.60	ppb
Molybdenum	94-1	20.48	21.21	21.28	20.99	2.11	ppb
Molybdenum	95-1	3.04	3.15	3.13	3.11	1.88	ppb
Molybdenum	96-1	5.19	5.30	5.13	5.21	1.68	ppb
Molybdenum	97-1	3.04	3.12	3.24	3.14	3.18	ppb
Molybdenum	98-1	3.09	3.07	3.23	3.13	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.48	34.58	33.76	33.94	1.68	ppb
Phosphorus	31-2	4610.98	4675.79	4597.44	4628.07	0.90	ppb
Potassium	39-2	10860.93	11133.69	11055.28	11016.63	1.27	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.96	1.95	1.51	1.48	33.41	ppb
Selenium	77-2	5.57	8.95	7.97	7.50	23.14	ppb
Selenium	78-2	-0.10	-0.31	2.71	0.77	220.30	ppb
Silicon	28-1	1735.95	1782.81	1758.75	1759.17	1.33	ppb
Silver	107-1	2.68	2.62	2.66	2.65	1.12	ppb
Silver	109-1	2.65	2.65	2.59	2.63	1.13	ppb
Sodium	23-2	75518.38	76737.70	75963.31	76073.13	0.81	ppb
Strontium	86-1	250.44	251.10	254.33	251.96	0.83	ppb
Strontium	88-1	247.54	251.37	251.31	250.08	0.88	ppb
Sulfur	34-1	8212.43	8515.83	8335.62	8354.63	1.83	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.29	0.29	0.29	0.29	0.54	ppb
Thallium	205-1	0.31	0.30	0.30	0.30	1.24	ppb
Tin	118-1	16.42	16.85	16.88	16.71	1.54	ppb
Titanium	47-1	259.04	267.77	262.59	263.13	1.67	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-10	Instrumnet Name :	P7
Client Sample ID :	MH2GH5	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:34:07	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.59	1.62	1.61	1.28	ppb
Vanadium	51-2	43.59	44.22	43.23	43.68	1.15	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2072.58	2146.49	2088.85	2102.64	1.85	ppb
Zirconium	90-1	10.59	10.56	10.84	10.66	1.41	ppb
Zirconium	91-1	10.31	10.91	10.34	10.52	3.19	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-11	Instrumnet Name :	P7
Client Sample ID :	MH2GH6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:37:12	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8119.83	8199.45	8065.70	8128.33	0.83	ppb
Antimony	121-1	4.37	3.67	3.92	3.99	8.85	ppb
Arsenic	75-2	16.67	15.98	15.38	16.01	4.02	ppb
Barium	135-1	458.81	388.34	415.63	420.93	8.44	ppb
Barium	137-1	456.18	387.78	415.60	419.85	8.19	ppb
Beryllium	9-1	0.81	0.70	0.70	0.73	8.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.10	9.57	9.94	10.20	7.81	ppb
Cadmium	106-1	15.77	12.74	11.74	13.41	15.64	ppb
Cadmium	111-1	5.21	4.28	4.48	4.66	10.51	ppb
Calcium	43-1	71739.75	59555.57	64603.13	65299.48	9.38	ppb
Calcium	44-1	67134.78	55198.02	59777.39	60703.40	9.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.05	68.48	69.07	68.53	0.75	ppb
Cobalt	59-2	6.58	6.74	6.63	6.65	1.24	ppb
Copper	63-2	185.62	188.96	183.81	186.13	1.40	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				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	15276.31	15421.92	15233.66	15310.63	0.64	ppb
Iron	57-2	16418.70	16593.75	16338.20	16450.22	0.79	ppb
Iron	54-2	15174.34	15291.13	15292.90	15252.79	0.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-11	Instrumnet Name :	P7
Client Sample ID :	MH2GH6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:37:12	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1280.71	1091.07	1180.09	1183.96	8.01	ppb
Lead	207-1	1231.46	1041.68	1105.35	1126.16	8.58	ppb
Lead	208-1	1246.71	1058.46	1132.75	1145.97	8.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	7677.91	7785.96	7658.37	7707.41	0.89	ppb
Manganese	55-2	953.64	957.40	956.36	955.80	0.20	ppb
Molybdenum	94-1	132.79	111.37	114.24	119.47	9.73	ppb
Molybdenum	95-1	3.76	3.16	3.45	3.45	8.68	ppb
Molybdenum	96-1	16.99	14.62	15.40	15.67	7.70	ppb
Molybdenum	97-1	3.90	3.19	3.43	3.51	10.42	ppb
Molybdenum	98-1	3.72	3.21	3.39	3.44	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.46	33.45	32.73	32.88	1.57	ppb
Phosphorus	31-2	2972.16	3060.52	3165.70	3066.13	3.16	ppb
Potassium	39-2	10961.21	11112.30	11096.08	11056.53	0.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	1.19	1.28	1.83	1.43	24.05	ppb
Selenium	77-2	4.13	6.13	7.52	5.93	28.72	ppb
Selenium	78-2	1.07	3.01	2.08	2.05	47.39	ppb
Silicon	28-1	1702.12	1413.91	1538.73	1551.59	9.32	ppb
Silver	107-1	3.04	2.48	2.68	2.73	10.27	ppb
Silver	109-1	2.95	2.47	2.67	2.70	9.10	ppb
Sodium	23-2	52497.49	52833.42	52558.47	52629.79	0.34	ppb
Strontium	86-1	223.85	188.57	199.17	203.86	8.88	ppb
Strontium	88-1	225.00	188.69	197.52	203.73	9.29	ppb
Sulfur	34-1	8713.47	6168.79	7388.73	7423.66	17.14	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.21	0.21	0.20	0.20	3.34	ppb
Thallium	205-1	0.23	0.19	0.20	0.21	9.63	ppb
Tin	118-1	20.01	17.03	18.18	18.41	8.15	ppb
Titanium	47-1	247.99	207.92	224.97	226.96	8.86	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-11	Instrumnet Name :	P7
Client Sample ID :	MH2GH6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:37:12	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.45	1.23	1.27	1.32	8.93	ppb
Vanadium	51-2	28.19	28.43	28.48	28.37	0.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1781.27	1796.89	1797.04	1791.73	0.51	ppb
Zirconium	90-1	71.33	60.42	63.76	65.17	8.58	ppb
Zirconium	91-1	72.02	61.07	63.84	65.64	8.67	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:40:45	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11614.74	11321.70	11638.84	11525.09	1.53	ppb
Antimony	121-1	1.63	1.64	1.66	1.64	0.86	ppb
Arsenic	75-2	16.81	15.51	17.80	16.71	6.88	ppb
Barium	135-1	1545.73	1516.41	1534.11	1532.08	0.96	ppb
Barium	137-1	1504.23	1495.32	1520.57	1506.70	0.85	ppb
Beryllium	9-1	0.69	0.58	0.64	0.64	9.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.33	6.58	5.67	6.19	7.59	ppb
Cadmium	106-1	5.86	6.90	6.08	6.28	8.71	ppb
Cadmium	111-1	5.99	5.77	5.77	5.84	2.11	ppb
Calcium	43-1	188390.47	188634.73	186296.49	187773.90	0.68	ppb
Calcium	44-1	186673.20	186821.56	184887.67	186127.48	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.54	34.44	35.58	35.19	1.83	ppb
Cobalt	59-2	10.12	10.14	10.23	10.16	0.58	ppb
Copper	63-2	420.82	412.39	422.39	418.53	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	29283.68	28560.06	29355.59	29066.45	1.51	ppb
Iron	57-2	31726.45	31075.75	30427.14	31076.44	2.09	ppb
Iron	54-2	29755.19	29024.88	28798.93	29193.00	1.71	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:40:45	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6446.03	6413.27	6443.53	6434.28	0.28	ppb
Lead	207-1	5789.69	5798.95	5806.89	5798.51	0.15	ppb
Lead	208-1	6039.34	6035.83	6044.98	6040.05	0.08	ppb
Lithium	6-1				95		%
Magnesium	24-2	10021.92	9769.59	9974.68	9922.07	1.35	ppb
Manganese	55-2	810.40	789.64	804.38	801.47	1.33	ppb
Molybdenum	94-1	16.74	16.98	17.02	16.91	0.88	ppb
Molybdenum	95-1	8.02	7.99	8.11	8.04	0.83	ppb
Molybdenum	96-1	8.98	9.16	9.24	9.13	1.50	ppb
Molybdenum	97-1	7.90	8.15	7.94	8.00	1.65	ppb
Molybdenum	98-1	8.05	8.13	8.11	8.10	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.51	42.11	42.85	42.83	1.64	ppb
Phosphorus	31-2	2115.16	1995.11	2046.58	2052.29	2.93	ppb
Potassium	39-2	4881.15	4837.39	4889.74	4869.43	0.58	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	4.13	3.78	3.75	3.89	5.41	ppb
Selenium	77-2	8.26	8.50	8.30	8.35	1.59	ppb
Selenium	78-2	2.53	4.35	3.51	3.46	26.27	ppb
Silicon	28-1	1621.99	1627.84	1619.87	1623.23	0.25	ppb
Silver	107-1	0.79	0.77	0.78	0.78	1.61	ppb
Silver	109-1	0.78	0.88	0.86	0.84	5.92	ppb
Sodium	23-2	19764.55	19439.76	19788.98	19664.43	0.99	ppb
Strontium	86-1	941.49	943.10	964.88	949.82	1.38	ppb
Strontium	88-1	934.03	937.56	945.53	939.04	0.63	ppb
Sulfur	34-1	30322.28	30479.32	30164.98	30322.19	0.52	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.13	0.13	0.13	1.58	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	3.04	ppb
Tin	118-1	50.08	50.35	50.55	50.32	0.47	ppb
Titanium	47-1	451.79	453.68	449.37	451.61	0.48	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:40:45	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.04	2.98	2.98	3.00	1.17	ppb
Vanadium	51-2	99.81	97.47	100.52	99.27	1.61	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	2523.12	2474.36	2503.59	2500.36	0.98	ppb
Zirconium	90-1	5.74	5.89	5.97	5.87	2.03	ppb
Zirconium	91-1	5.89	5.71	5.80	5.80	1.63	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02ARE	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:09:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22445.66	22037.66	22377.87	22287.07	0.98	ppb
Antimony	121-1	1.99	2.03	1.98	2.00	1.23	ppb
Arsenic	75-2	30.12	30.58	31.14	30.61	1.67	ppb
Barium	135-1	451.05	451.21	447.23	449.83	0.50	ppb
Barium	137-1	447.48	453.66	446.32	449.15	0.88	ppb
Beryllium	9-1	1.29	1.37	1.27	1.31	4.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.80	1.57	1.78	11.42	ppb
Cadmium	106-1	-0.76	-2.61	-0.34	-1.24		ppb
Cadmium	111-1	1.20	1.02	1.19	1.14	8.60	ppb
Calcium	43-1	23124.73	23753.84	23591.07	23489.88	1.39	ppb
Calcium	44-1	21557.27	22172.43	21812.31	21847.34	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.61	44.18	44.28	44.03	0.83	ppb
Cobalt	59-2	37.84	37.70	37.46	37.67	0.50	ppb
Copper	63-2	112.40	112.26	112.49	112.38	0.11	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				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	57664.72	58098.84	57634.78	57799.45	0.45	ppb
Iron	57-2	57205.11	57584.59	57636.12	57475.27	0.41	ppb
Iron	54-2	57504.71	57631.56	57176.68	57437.65	0.41	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02ARE	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:09:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	244.04	250.01	248.59	247.55	1.26	ppb
Lead	207-1	229.27	238.13	236.21	234.53	1.99	ppb
Lead	208-1	248.34	257.38	254.03	253.25	1.80	ppb
Lithium	6-1				96		%
Magnesium	24-2	8365.24	8487.75	8336.78	8396.59	0.96	ppb
Manganese	55-2	2169.63	2219.12	2187.47	2192.07	1.14	ppb
Molybdenum	94-1	3.39	3.61	3.41	3.47	3.53	ppb
Molybdenum	95-1	0.45	0.50	0.41	0.45	9.75	ppb
Molybdenum	96-1	1.17	1.25	1.17	1.20	4.10	ppb
Molybdenum	97-1	0.38	0.39	0.45	0.41	9.49	ppb
Molybdenum	98-1	0.39	0.42	0.44	0.42	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.15	36.48	35.59	36.07	1.24	ppb
Phosphorus	31-2	3317.64	3214.95	3226.81	3253.13	1.73	ppb
Potassium	39-2	4067.23	4078.63	4062.89	4069.58	0.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.71	0.82	0.88	0.80	10.19	ppb
Selenium	77-2	6.88	8.28	7.47	7.55	9.31	ppb
Selenium	78-2	0.63	0.63	1.15	0.80	37.12	ppb
Silicon	28-1	2107.33	2168.16	2122.56	2132.68	1.48	ppb
Silver	107-1	0.39	0.40	0.37	0.39	3.38	ppb
Silver	109-1	0.37	0.39	0.38	0.38	2.81	ppb
Sodium	23-2	328.04	332.76	338.16	332.99	1.52	ppb
Strontium	86-1	128.45	134.42	132.92	131.93	2.35	ppb
Strontium	88-1	130.32	133.59	129.97	131.29	1.52	ppb
Sulfur	34-1	263.76	314.25	181.44	253.15	26.48	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.20	0.20	0.19	0.20	2.69	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.14	ppb
Tin	118-1	4.62	4.70	4.59	4.63	1.23	ppb
Titanium	47-1	425.44	439.40	432.89	432.58	1.61	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02ARE	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:09:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.57	1.68	1.62	1.62	3.22	ppb
Vanadium	51-2	184.66	186.33	184.92	185.31	0.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1164.46	1167.82	1164.29	1165.52	0.17	ppb
Zirconium	90-1	1.70	1.86	1.78	1.78	4.26	ppb
Zirconium	91-1	1.79	1.92	1.82	1.84	3.66	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05A	Instrumnet Name :	P7
Client Sample ID :	MH2GH2A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:12:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10056.16	10000.81	9748.97	9935.31	1.65	ppb
Antimony	121-1	5.70	5.77	5.83	5.77	1.09	ppb
Arsenic	75-2	21.57	20.04	22.45	21.35	5.70	ppb
Barium	135-1	494.11	499.26	495.60	496.32	0.53	ppb
Barium	137-1	495.77	527.87	516.30	513.31	3.17	ppb
Beryllium	9-1	0.99	1.03	0.92	0.98	5.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.51	7.98	7.16	7.55	5.46	ppb
Cadmium	106-1	7.21	6.16	6.34	6.57	8.59	ppb
Cadmium	111-1	6.40	6.58	6.48	6.48	1.39	ppb
Calcium	43-1	152354.59	151651.70	155295.66	153100.65	1.26	ppb
Calcium	44-1	149725.41	150442.08	153102.85	151090.11	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.62	69.63	66.59	68.62	2.55	ppb
Cobalt	59-2	12.73	12.57	12.30	12.53	1.73	ppb
Copper	63-2	386.06	385.68	378.68	383.47	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				103		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	47486.50	47579.92	46314.40	47126.94	1.50	ppb
Iron	57-2	48117.89	48989.67	47157.11	48088.22	1.91	ppb
Iron	54-2	47022.39	46646.72	45614.46	46427.85	1.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05A	Instrumnet Name :	P7
Client Sample ID :	MH2GH2A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:12:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	786.53	800.87	783.83	790.41	1.16	ppb
Lead	207-1	764.21	773.71	760.05	765.99	0.91	ppb
Lead	208-1	766.93	782.75	768.92	772.86	1.12	ppb
Lithium	6-1				95		%
Magnesium	24-2	9314.30	9221.03	8912.70	9149.34	2.30	ppb
Manganese	55-2	772.16	768.97	750.34	763.82	1.54	ppb
Molybdenum	94-1	21.00	21.69	22.18	21.62	2.74	ppb
Molybdenum	95-1	5.04	5.23	5.20	5.16	1.98	ppb
Molybdenum	96-1	7.17	7.35	7.19	7.24	1.31	ppb
Molybdenum	97-1	5.21	5.20	5.30	5.24	1.12	ppb
Molybdenum	98-1	5.15	5.19	5.37	5.24	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.68	33.45	33.27	33.47	0.60	ppb
Phosphorus	31-2	6788.77	6690.09	6553.26	6677.37	1.77	ppb
Potassium	39-2	13361.28	13328.30	12919.33	13202.97	1.86	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	26.47	27.27	27.13	26.96	1.58	ppb
Selenium	77-2	39.40	39.24	28.95	35.86	16.68	ppb
Selenium	78-2	24.54	24.35	27.00	25.30	5.85	ppb
Silicon	28-1	1653.28	1656.90	1689.27	1666.48	1.19	ppb
Silver	107-1	2.38	2.45	2.56	2.46	3.75	ppb
Silver	109-1	2.36	2.50	2.47	2.45	2.98	ppb
Sodium	23-2	63572.18	63313.72	61194.69	62693.53	2.08	ppb
Strontium	86-1	517.34	521.94	524.07	521.12	0.66	ppb
Strontium	88-1	513.54	515.21	526.00	518.25	1.31	ppb
Sulfur	34-1	39256.58	39611.22	40710.93	39859.58	1.90	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.28	0.28	0.26	0.27	3.84	ppb
Thallium	205-1	0.27	0.28	0.28	0.28	1.19	ppb
Tin	118-1	21.85	22.33	22.35	22.18	1.28	ppb
Titanium	47-1	252.48	254.62	256.83	254.65	0.85	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05A	Instrumnet Name :	P7
Client Sample ID :	MH2GH2A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:12:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.51	2.54	2.51	2.52	0.76	ppb
Vanadium	51-2	44.92	43.54	42.27	43.58	3.04	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2046.36	2026.86	1969.71	2014.31	1.98	ppb
Zirconium	90-1	9.48	9.76	9.66	9.64	1.48	ppb
Zirconium	91-1	9.46	9.48	9.82	9.59	2.14	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 09:15:56	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6023.32	6035.78	6047.35	6035.48	0.20	ppb
Antimony	121-1	0.78	0.79	0.79	0.79	1.18	ppb
Arsenic	75-2	7.97	8.70	8.30	8.32	4.39	ppb
Barium	135-1	708.99	711.36	717.02	712.46	0.58	ppb
Barium	137-1	731.85	741.67	759.29	744.27	1.87	ppb
Beryllium	9-1	0.29	0.36	0.24	0.30	21.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.97	3.34	3.07	3.13	6.06	ppb
Cadmium	106-1	2.80	2.77	2.26	2.61	11.71	ppb
Cadmium	111-1	2.78	2.96	2.86	2.87	3.01	ppb
Calcium	43-1	92821.66	93614.73	93545.81	93327.40	0.47	ppb
Calcium	44-1	92570.79	93119.26	93060.12	92916.72	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.55	17.60	17.74	17.63	0.57	ppb
Cobalt	59-2	5.29	4.93	5.27	5.16	3.93	ppb
Copper	63-2	212.07	213.61	211.84	212.51	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				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	14701.56	14774.49	14715.26	14730.44	0.26	ppb
Iron	57-2	16090.91	16081.40	16064.08	16078.80	0.08	ppb
Iron	54-2	14753.70	14982.14	14647.38	14794.41	1.16	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 09:15:56	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3690.48	3795.38	3795.71	3760.52	1.61	ppb
Lead	207-1	3329.63	3398.87	3346.76	3358.42	1.07	ppb
Lead	208-1	3467.34	3535.68	3500.50	3501.17	0.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	5117.22	5135.84	5161.11	5138.06	0.43	ppb
Manganese	55-2	402.37	405.98	403.01	403.79	0.48	ppb
Molybdenum	94-1	8.75	8.71	8.70	8.72	0.29	ppb
Molybdenum	95-1	3.95	3.92	3.94	3.94	0.47	ppb
Molybdenum	96-1	4.43	4.66	4.56	4.55	2.58	ppb
Molybdenum	97-1	4.21	3.88	4.01	4.04	4.18	ppb
Molybdenum	98-1	4.07	4.06	4.08	4.07	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.84	21.99	21.70	21.85	0.66	ppb
Phosphorus	31-2	998.16	1049.07	973.02	1006.75	3.85	ppb
Potassium	39-2	2605.67	2636.21	2600.52	2614.13	0.74	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	1.98	2.45	2.51	2.32	12.63	ppb
Selenium	77-2	4.23	5.36	3.54	4.38	21.08	ppb
Selenium	78-2	2.02	0.97	2.29	1.76	39.75	ppb
Silicon	28-1	810.21	819.81	812.83	814.28	0.61	ppb
Silver	107-1	0.38	0.41	0.42	0.40	5.05	ppb
Silver	109-1	0.37	0.37	0.38	0.37	1.33	ppb
Sodium	23-2	9820.70	9885.40	9936.59	9880.90	0.59	ppb
Strontium	86-1	475.23	476.53	479.39	477.05	0.45	ppb
Strontium	88-1	470.15	476.53	477.94	474.87	0.87	ppb
Sulfur	34-1	14524.95	14780.17	14682.11	14662.41	0.88	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.06	0.05	0.05	6.05	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	4.58	ppb
Tin	118-1	25.24	25.54	26.06	25.61	1.63	ppb
Titanium	47-1	223.72	228.04	227.95	226.57	1.09	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 09:15:56	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.49	1.49	1.48	0.79	ppb
Vanadium	51-2	49.80	50.85	49.65	50.10	1.30	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1264.12	1275.24	1271.33	1270.23	0.44	ppb
Zirconium	90-1	3.02	3.15	3.05	3.07	2.20	ppb
Zirconium	91-1	3.03	3.06	3.12	3.07	1.49	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:19:01	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49571.42	48908.30	48282.47	48920.73	1.32	ppb
Antimony	121-1	484.30	485.72	489.24	486.42	0.52	ppb
Arsenic	75-2	514.55	497.29	494.50	502.11	2.16	ppb
Barium	135-1	2467.25	2479.71	2507.16	2484.71	0.82	ppb
Barium	137-1	2458.44	2480.41	2493.87	2477.58	0.72	ppb
Beryllium	9-1	498.24	508.25	511.58	506.02	1.37	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	487.92	488.74	504.43	493.70	1.89	ppb
Cadmium	106-1	484.02	498.29	500.58	494.30	1.82	ppb
Cadmium	111-1	487.02	494.89	495.55	492.49	0.96	ppb
Calcium	43-1	241348.18	248670.93	242751.93	244257.01	1.59	ppb
Calcium	44-1	239525.56	246084.54	243212.56	242940.89	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.40	504.20	507.14	508.58	1.03	ppb
Cobalt	59-2	503.39	488.52	500.27	497.40	1.58	ppb
Copper	63-2	5089.69	5058.03	5009.17	5052.29	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	129801.01	127755.11	129771.92	129109.35	0.91	ppb
Iron	57-2	131080.38	125558.10	128251.54	128296.67	2.15	ppb
Iron	54-2	129471.42	126997.38	128010.90	128159.90	0.97	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:19:01	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2458.66	2546.56	2553.55	2519.59	2.10	ppb
Lead	207-1	2456.20	2524.75	2549.11	2510.02	1.92	ppb
Lead	208-1	2479.55	2532.44	2562.15	2524.71	1.66	ppb
Lithium	6-1				89		%
Magnesium	24-2	245653.58	242362.98	242660.57	243559.04	0.75	ppb
Manganese	55-2	5204.73	5072.88	5184.49	5154.03	1.38	ppb
Molybdenum	94-1	4898.42	4983.77	5054.97	4979.05	1.57	ppb
Molybdenum	95-1	4925.10	4986.64	5047.97	4986.57	1.23	ppb
Molybdenum	96-1	4914.29	4995.52	5032.81	4980.87	1.22	ppb
Molybdenum	97-1	4940.26	5064.88	5022.53	5009.22	1.27	ppb
Molybdenum	98-1	4976.18	5063.84	5026.72	5022.24	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.35	491.54	494.80	495.90	1.01	ppb
Phosphorus	31-2	9870.07	9868.54	9741.47	9826.69	0.75	ppb
Potassium	39-2	124294.90	123077.86	122620.49	123331.08	0.70	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	82-1	496.90	498.48	500.95	498.78	0.41	ppb
Selenium	77-2	495.06	507.52	477.21	493.26	3.09	ppb
Selenium	78-2	490.47	485.48	475.29	483.75	1.60	ppb
Silicon	28-1	504.33	515.65	515.61	511.86	1.28	ppb
Silver	107-1	474.05	479.02	475.27	476.11	0.54	ppb
Silver	109-1	476.96	472.18	476.20	475.11	0.54	ppb
Sodium	23-2	249780.32	245594.21	246122.70	247165.74	0.92	ppb
Strontium	86-1	12364.08	12525.98	12478.20	12456.09	0.67	ppb
Strontium	88-1	12143.49	12473.55	12535.49	12384.17	1.70	ppb
Sulfur	34-1	9808.02	10105.92	9927.16	9947.03	1.51	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	505.54	513.41	518.83	512.60	1.30	ppb
Thallium	205-1	490.29	506.83	512.31	503.14	2.28	ppb
Tin	118-1	487.61	486.70	493.20	489.17	0.72	ppb
Titanium	47-1	4990.68	5019.58	4964.56	4991.60	0.55	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:19:01	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.23	513.02	520.25	510.84	2.09	ppb
Vanadium	51-2	514.66	508.40	511.61	511.56	0.61	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	5035.33	5063.02	4988.83	5029.06	0.75	ppb
Zirconium	90-1	493.97	504.95	505.27	501.40	1.28	ppb
Zirconium	91-1	495.89	505.42	507.19	502.84	1.21	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:21:49	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.70	1.40	1.11	1.40	21.24	ppb
Antimony	121-1	0.30	0.32	0.36	0.33	7.88	ppb
Arsenic	75-2	0.07	-0.01	0.02	0.03	154.99	ppb
Barium	135-1	0.28	0.17	0.13	0.19	41.33	ppb
Barium	137-1	0.26	0.17	0.11	0.18	43.96	ppb
Beryllium	9-1	0.12	0.10	0.09	0.10	13.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	-0.04	0.07	0.04	176.31	ppb
Cadmium	106-1	-0.23	-2.21	-2.67	-1.70		ppb
Cadmium	111-1	0.05	-0.09	-0.16	-0.07		ppb
Calcium	43-1	25.69	14.41	15.72	18.61	33.16	ppb
Calcium	44-1	25.78	16.31	10.72	17.61	43.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	0.00	0.02	93.10	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	37.18	ppb
Copper	63-2	0.44	0.41	0.44	0.43	3.49	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				101		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	4.78	4.25	3.69	4.24	12.81	ppb
Iron	57-2	1.55	0.91	0.40	0.95	60.45	ppb
Iron	54-2	4.88	4.45	3.83	4.39	12.11	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:21:49	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.46	0.37	0.30	0.38	21.86	ppb
Lead	207-1	0.40	0.33	0.30	0.34	14.84	ppb
Lead	208-1	0.45	0.34	0.29	0.36	22.52	ppb
Lithium	6-1				96		%
Magnesium	24-2	9.98	8.96	6.82	8.59	18.78	ppb
Manganese	55-2	0.19	0.21	0.15	0.18	18.22	ppb
Molybdenum	94-1	0.67	0.47	0.43	0.52	24.96	ppb
Molybdenum	95-1	0.69	0.46	0.40	0.52	29.46	ppb
Molybdenum	96-1	0.68	0.46	0.41	0.52	28.30	ppb
Molybdenum	97-1	0.70	0.48	0.40	0.53	29.75	ppb
Molybdenum	98-1	0.66	0.46	0.38	0.50	29.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-14.64	-16.31	-14.59	-15.18		ppb
Potassium	39-2	6.83	4.96	4.70	5.50	21.14	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	0.31	0.21	0.14	0.22	40.07	ppb
Selenium	77-2	0.41	0.40	0.00	0.27	86.61	ppb
Selenium	78-2	-1.79	0.09	-0.57	-0.75		ppb
Silicon	28-1	-0.43	-0.41	-0.47	-0.44		ppb
Silver	107-1	0.10	0.07	0.07	0.08	24.99	ppb
Silver	109-1	0.10	0.07	0.06	0.08	23.67	ppb
Sodium	23-2	49.75	45.84	44.37	46.65	5.96	ppb
Strontium	86-1	1.25	0.89	0.65	0.93	32.73	ppb
Strontium	88-1	1.28	0.79	0.59	0.89	39.85	ppb
Sulfur	34-1	-314.52	-155.70	-257.42	-242.55		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.06	0.04	0.06	26.89	ppb
Thallium	205-1	0.07	0.06	0.04	0.06	23.95	ppb
Tin	118-1	0.14	0.12	0.14	0.13	9.01	ppb
Titanium	47-1	0.56	0.47	0.26	0.43	35.29	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:21:49	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.03	0.02	0.03	34.27	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	34.46	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	0.16	0.03	0.16	0.12	62.40	ppb
Zirconium	90-1	0.09	0.06	0.06	0.07	22.50	ppb
Zirconium	91-1	0.09	0.09	0.07	0.08	16.52	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BL	Instrumnet Name :	P7
Client Sample ID :	PBW911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:10:06	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.17	0.14	0.11	68.48	ppb
Antimony	121-1	0.00	0.00	0.01	0.01	45.74	ppb
Arsenic	75-2	-0.04	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.00	0.00	0.01	0.00	460.75	ppb
Barium	137-1	0.00	0.01	0.01	0.01	33.38	ppb
Beryllium	9-1	-0.03	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.05	0.05	0.03	108.10	ppb
Cadmium	106-1	-2.93	-1.66	-3.13	-2.57		ppb
Cadmium	111-1	-0.22	-0.13	-0.23	-0.19		ppb
Calcium	43-1	-3.09	-1.65	-2.53	-2.43		ppb
Calcium	44-1	-2.47	-3.74	-2.63	-2.95		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	528.20	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	124.80	ppb
Copper	63-2	0.01	0.03	0.02	0.02	63.49	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				98		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	-0.40	-0.29	-0.36	-0.35		ppb
Iron	57-2	-0.93	1.38	-1.61	-0.39		ppb
Iron	54-2	1.72	0.58	1.19	1.16	49.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BL	Instrumnet Name :	P7
Client Sample ID :	PBW911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:10:06	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.05	0.04	0.04	21.31	ppb
Lead	207-1	0.04	0.02	0.03	0.03	21.14	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.30	1.11	0.34	0.58	78.48	ppb
Manganese	55-2	-0.04	-0.02	-0.04	-0.03		ppb
Molybdenum	94-1	0.00	-0.01	0.02	0.00	286.91	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	32.61	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	146.03	ppb
Molybdenum	97-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	64.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	-18.76	-18.94	-13.97	-17.22		ppb
Potassium	39-2	0.81	3.78	4.43	3.01	64.25	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.09	-0.03	0.92	0.33	158.69	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-1.51	0.05	-0.32		ppb
Silicon	28-1	-0.38	-0.07	-0.08	-0.18		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	1.06	2.18	1.27	1.50	39.58	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	3216.66	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	35.70	ppb
Sulfur	34-1	206.32	260.02	293.30	253.21	17.33	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb
Titanium	47-1	-0.01	-0.03	0.05	0.00	1683.74	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BL	Instrumnet Name :	P7
Client Sample ID :	PBW911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:10:06	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1116.54	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	-0.02	-0.25	-0.14	-0.14		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	120.68	ppb
Zirconium	91-1	0.02	-0.01	0.00	0.00	599.53	ppb

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BS	Instrumnet Name :	P7
Client Sample ID :	LCS911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:13:22	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.86	39.67	39.35	40.30	3.39	ppb
Antimony	121-1	3.69	3.72	3.59	3.66	1.87	ppb
Arsenic	75-2	2.02	1.94	1.86	1.94	4.17	ppb
Barium	135-1	17.55	17.43	17.11	17.36	1.31	ppb
Barium	137-1	17.23	17.39	17.40	17.34	0.57	ppb
Beryllium	9-1	1.73	1.88	2.04	1.88	8.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.78	1.79	2.02	1.86	7.16	ppb
Cadmium	106-1	1.44	1.32	1.71	1.49	13.44	ppb
Cadmium	111-1	2.10	2.10	1.93	2.04	4.87	ppb
Calcium	43-1	898.15	880.28	878.27	885.57	1.24	ppb
Calcium	44-1	890.96	905.41	894.52	896.96	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.33	4.25	4.27	4.28	1.07	ppb
Cobalt	59-2	1.98	1.93	1.99	1.97	1.72	ppb
Copper	63-2	3.97	4.10	3.99	4.02	1.82	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				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	412.01	409.11	410.77	410.63	0.35	ppb
Iron	57-2	413.97	411.65	411.98	412.53	0.30	ppb
Iron	54-2	418.87	415.65	413.67	416.07	0.63	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BS	Instrumnet Name :	P7
Client Sample ID :	LCS911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:13:22	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.60	1.67	1.68	1.65	2.47	ppb
Lead	207-1	1.63	1.61	1.70	1.65	2.86	ppb
Lead	208-1	1.60	1.64	1.67	1.64	2.04	ppb
Lithium	6-1				98		%
Magnesium	24-2	999.13	994.93	996.76	996.94	0.21	ppb
Manganese	55-2	2.38	2.29	2.40	2.36	2.40	ppb
Molybdenum	94-1	10.51	10.38	10.41	10.44	0.66	ppb
Molybdenum	95-1	8.57	8.76	8.77	8.70	1.32	ppb
Molybdenum	96-1	8.71	9.00	8.94	8.88	1.69	ppb
Molybdenum	97-1	8.70	8.85	8.90	8.82	1.12	ppb
Molybdenum	98-1	8.65	8.97	8.85	8.82	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	1.97	2.11	2.07	4.20	ppb
Phosphorus	31-2	-13.41	-18.69	-7.75	-13.28		ppb
Potassium	39-2	993.59	981.02	992.92	989.18	0.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	9.87	10.92	10.22	10.33	5.15	ppb
Selenium	77-2	5.10	12.20	13.65	10.32	44.38	ppb
Selenium	78-2	12.52	7.21	7.22	8.98	34.10	ppb
Silicon	28-1	3.53	3.49	3.63	3.55	1.98	ppb
Silver	107-1	1.85	1.92	1.86	1.87	2.00	ppb
Silver	109-1	1.86	1.90	1.87	1.88	0.99	ppb
Sodium	23-2	943.90	931.42	940.67	938.67	0.69	ppb
Strontium	86-1	1.77	1.89	1.85	1.83	3.24	ppb
Strontium	88-1	1.75	1.82	1.83	1.80	2.22	ppb
Sulfur	34-1	255.35	182.38	243.04	226.93	17.21	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	1.56	1.66	1.56	1.59	3.44	ppb
Thallium	205-1	1.56	1.58	1.57	1.57	0.70	ppb
Tin	118-1	0.07	0.06	0.08	0.07	13.08	ppb
Titanium	47-1	8.48	8.97	8.77	8.74	2.86	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BS	Instrumnet Name :	P7
Client Sample ID :	LCS911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:13:22	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.45	1.50	1.47	1.47	1.66	ppb
Vanadium	51-2	9.57	9.35	9.38	9.43	1.30	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	10.08	10.16	10.38	10.21	1.54	ppb
Zirconium	90-1	1.84	1.91	1.89	1.88	2.15	ppb
Zirconium	91-1	1.83	1.84	1.84	1.84	0.25	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-01	Instrumnet Name :	P7
Client Sample ID :	PMW-1(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:16:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	127.34	121.73	119.40	122.83	3.32	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	11.97	ppb
Arsenic	75-2	2.01	2.00	2.19	2.07	5.29	ppb
Barium	135-1	42.91	43.95	43.70	43.52	1.24	ppb
Barium	137-1	42.59	43.59	43.87	43.35	1.55	ppb
Beryllium	9-1	0.04	0.09	0.05	0.06	43.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.05	0.14	0.08	64.46	ppb
Cadmium	106-1	0.27	-1.72	-1.75	-1.06		ppb
Cadmium	111-1	0.05	-0.10	-0.11	-0.05		ppb
Calcium	43-1	5826.37	5879.84	6010.77	5905.66	1.61	ppb
Calcium	44-1	5412.77	5528.37	5538.23	5493.12	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.08	2.11	2.08	1.70	ppb
Cobalt	59-2	46.12	46.18	45.68	45.99	0.60	ppb
Copper	63-2	0.51	0.52	0.50	0.51	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	75149.61	75017.46	75177.74	75114.94	0.11	ppb
Iron	57-2	74807.48	74781.54	73128.90	74239.31	1.30	ppb
Iron	54-2	73586.91	75030.83	74815.19	74477.64	1.05	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-01	Instrumnet Name :	P7
Client Sample ID :	PMW-1(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:16:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.41	0.41	0.40	4.45	ppb
Lead	207-1	0.37	0.39	0.39	0.38	3.69	ppb
Lead	208-1	0.39	0.39	0.41	0.40	2.91	ppb
Lithium	6-1				97		%
Magnesium	24-2	11441.67	11430.77	11300.38	11390.94	0.69	ppb
Manganese	55-2	3060.31	3069.30	3057.72	3062.44	0.20	ppb
Molybdenum	94-1	0.87	0.82	0.79	0.83	5.28	ppb
Molybdenum	95-1	0.28	0.29	0.32	0.30	6.31	ppb
Molybdenum	96-1	0.89	0.86	0.90	0.88	2.24	ppb
Molybdenum	97-1	0.25	0.32	0.24	0.27	15.32	ppb
Molybdenum	98-1	0.26	0.25	0.23	0.24	6.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.92	37.79	37.57	37.76	0.46	ppb
Phosphorus	31-2	100.42	101.33	96.89	99.55	2.36	ppb
Potassium	39-2	1749.56	1778.71	1742.97	1757.08	1.08	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	0.44	1.64	1.49	1.19	54.86	ppb
Selenium	77-2	0.77	0.39	0.00	0.39	99.36	ppb
Selenium	78-2	0.66	-0.85	-1.54	-0.57		ppb
Silicon	28-1	1643.54	1679.75	1679.63	1667.64	1.25	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.05	ppb
Sodium	23-2	11228.18	11401.89	11177.63	11269.24	1.04	ppb
Strontium	86-1	62.75	62.69	61.81	62.42	0.85	ppb
Strontium	88-1	61.24	62.44	61.67	61.78	0.99	ppb
Sulfur	34-1	27190.62	27762.92	27605.28	27519.60	1.07	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	54.63	ppb
Tin	118-1	0.47	0.53	0.48	0.49	5.97	ppb
Titanium	47-1	3.51	3.60	3.50	3.53	1.57	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-01	Instrumnet Name :	P7
Client Sample ID :	PMW-1(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:16:41	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	7.79	ppb
Vanadium	51-2	0.97	0.87	0.85	0.90	7.19	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	115.64	114.87	113.42	114.65	0.98	ppb
Zirconium	90-1	0.29	0.29	0.31	0.30	3.52	ppb
Zirconium	91-1	0.31	0.27	0.30	0.29	6.40	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-02	Instrumnet Name :	P7
Client Sample ID :	PMW-2(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:19:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	887.03	888.77	880.12	885.31	0.52	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	6.17	ppb
Arsenic	75-2	1.49	1.83	1.91	1.74	12.78	ppb
Barium	135-1	16.10	16.24	16.94	16.43	2.75	ppb
Barium	137-1	16.34	16.31	16.40	16.35	0.27	ppb
Beryllium	9-1	1.52	1.47	1.47	1.49	2.13	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.02	0.08	0.05	59.13	ppb
Cadmium	106-1	-1.72	-0.21	-2.99	-1.64		ppb
Cadmium	111-1	-0.11	0.01	-0.19	-0.10		ppb
Calcium	43-1	75700.86	75855.76	77262.46	76273.03	1.13	ppb
Calcium	44-1	70078.55	69968.28	71287.39	70444.74	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.60	1.72	1.56	1.62	5.16	ppb
Cobalt	59-2	10.22	10.08	9.98	10.10	1.19	ppb
Copper	63-2	0.43	0.36	0.36	0.38	10.19	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				98		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	70937.31	70210.32	69784.24	70310.63	0.83	ppb
Iron	57-2	70559.88	71103.13	68934.52	70199.18	1.61	ppb
Iron	54-2	70635.95	69814.47	69110.43	69853.62	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-02	Instrumnet Name :	P7
Client Sample ID :	PMW-2(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:19:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.57	0.57	0.61	0.58	3.63	ppb
Lead	207-1	0.54	0.58	0.56	0.56	3.98	ppb
Lead	208-1	0.56	0.57	0.58	0.57	1.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	8890.07	8676.96	8719.20	8762.08	1.29	ppb
Manganese	55-2	1513.24	1507.14	1464.31	1494.90	1.78	ppb
Molybdenum	94-1	0.50	0.54	0.57	0.54	6.76	ppb
Molybdenum	95-1	0.10	0.11	0.09	0.10	9.47	ppb
Molybdenum	96-1	0.64	0.66	0.61	0.64	4.31	ppb
Molybdenum	97-1	0.09	0.09	0.08	0.09	8.42	ppb
Molybdenum	98-1	0.06	0.08	0.06	0.07	17.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.61	13.68	13.22	13.51	1.84	ppb
Phosphorus	31-2	56.65	74.32	63.23	64.73	13.80	ppb
Potassium	39-2	15762.48	15538.16	15487.54	15596.06	0.94	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	1.52	1.02	1.71	1.42	25.16	ppb
Selenium	77-2	6.06	4.06	1.62	3.91	56.88	ppb
Selenium	78-2	0.83	3.52	0.95	1.77	85.89	ppb
Silicon	28-1	599.22	596.97	612.81	603.00	1.42	ppb
Silver	107-1	0.01	0.00	0.00	0.00	76.09	ppb
Silver	109-1	0.01	0.00	0.00	0.00	47.26	ppb
Sodium	23-2	47951.44	47529.62	47489.10	47656.72	0.54	ppb
Strontium	86-1	153.61	154.27	155.33	154.41	0.56	ppb
Strontium	88-1	153.79	154.95	155.62	154.79	0.60	ppb
Sulfur	34-1	99470.82	99717.86	101477.63	100222.10	1.09	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.13	0.11	0.12	0.12	6.11	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	6.43	ppb
Tin	118-1	0.39	0.39	0.42	0.40	4.24	ppb
Titanium	47-1	0.63	0.41	0.53	0.52	20.61	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-02	Instrumnet Name :	P7
Client Sample ID :	PMW-2(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:19:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.11	0.11	0.11	1.94	ppb
Vanadium	51-2	3.91	3.96	3.89	3.92	1.00	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	29.03	26.67	27.72	27.80	4.26	ppb
Zirconium	90-1	0.24	0.24	0.25	0.24	3.09	ppb
Zirconium	91-1	0.20	0.23	0.24	0.22	10.04	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-03	Instrumnet Name :	P7
Client Sample ID :	PMW-9S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:23:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.89	18.21	16.06	17.05	6.34	ppb
Antimony	121-1	0.15	0.16	0.17	0.16	6.38	ppb
Arsenic	75-2	5.21	6.14	6.02	5.79	8.74	ppb
Barium	135-1	69.17	67.38	68.24	68.26	1.31	ppb
Barium	137-1	69.88	69.07	68.92	69.29	0.74	ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				80		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.32	0.54	0.43	25.84	ppb
Cadmium	106-1	-1.56	-1.99	-2.74	-2.10		ppb
Cadmium	111-1	0.18	0.15	0.03	0.12	68.73	ppb
Calcium	43-1	223497.19	222183.91	224558.29	223413.13	0.53	ppb
Calcium	44-1	222753.50	219170.05	219446.86	220456.80	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.18	7.32	7.18	7.22	1.10	ppb
Cobalt	59-2	2.60	2.77	2.78	2.72	3.71	ppb
Copper	63-2	1.73	1.84	1.95	1.84	5.82	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				88		%
Holmium	165-2				89		%
Indium	115-1				78		%
Indium	115-2				80		%
Iron	56-2	46959.40	47211.56	46748.47	46973.14	0.49	ppb
Iron	57-2	49069.96	48593.27	48072.45	48578.56	1.03	ppb
Iron	54-2	46419.28	46955.00	46186.09	46520.12	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-03	Instrumnet Name :	P7
Client Sample ID :	PMW-9S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:23:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.49	0.58	0.61	0.56	11.48	ppb
Lead	207-1	0.47	0.56	0.60	0.54	12.89	ppb
Lead	208-1	0.50	0.56	0.59	0.55	8.04	ppb
Lithium	6-1				82		%
Magnesium	24-2	283257.26	287417.91	281758.71	284144.63	1.03	ppb
Manganese	55-2	4611.41	4582.59	4578.19	4590.73	0.39	ppb
Molybdenum	94-1	4.01	3.74	3.77	3.84	3.84	ppb
Molybdenum	95-1	3.54	3.49	3.60	3.54	1.60	ppb
Molybdenum	96-1	3.77	3.75	3.90	3.80	2.12	ppb
Molybdenum	97-1	3.71	3.67	3.47	3.62	3.51	ppb
Molybdenum	98-1	3.56	3.46	3.48	3.50	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.37	6.12	5.99	6.16	3.14	ppb
Phosphorus	31-2	605.30	613.72	573.60	597.54	3.54	ppb
Potassium	39-2	88745.78	89073.54	88260.19	88693.17	0.46	ppb
Rhodium	103-1				71		%
Rhodium	103-2				75		%
Scandium	45-1				77		%
Scandium	45-2				81		%
Selenium	82-1	9.92	10.92	9.19	10.01	8.69	ppb
Selenium	77-2	0.00	0.46	0.91	0.46	99.66	ppb
Selenium	78-2	-1.42	0.30	0.10	-0.34		ppb
Silicon	28-1	4677.17	4619.00	4639.18	4645.12	0.64	ppb
Silver	107-1	0.08	0.05	0.07	0.07	20.88	ppb
Silver	109-1	0.08	0.05	0.08	0.07	24.92	ppb
Sodium	23-2	2033385.75	2059359.79	2037223.04	2043322.86	0.69	ppb
Strontium	86-1	2632.18	2582.43	2573.57	2596.06	1.22	ppb
Strontium	88-1	2610.34	2567.91	2563.83	2580.69	1.00	ppb
Sulfur	34-1	319162.41	315875.54	318667.40	317901.78	0.56	ppb
Terbium	159-1				86		%
Terbium	159-2				88		%
Thallium	203-1	0.04	0.04	0.05	0.04	13.41	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	16.40	ppb
Tin	118-1	8.17	8.03	8.18	8.13	1.06	ppb
Titanium	47-1	2.46	2.68	2.95	2.70	9.16	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-03	Instrumnet Name :	P7
Client Sample ID :	PMW-9S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:23:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.26	0.27	0.27	3.44	ppb
Vanadium	51-2	0.88	0.88	0.82	0.86	3.75	ppb
Yttrium	89-1				80		%
Yttrium	89-2				82		%
Zinc	66-2	8.57	9.27	8.15	8.66	6.54	ppb
Zirconium	90-1	0.48	0.47	0.47	0.47	0.81	ppb
Zirconium	91-1	0.55	0.44	0.47	0.49	11.65	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-04	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:26:05	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.07	14.67	14.15	14.30	2.29	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	11.42	ppb
Arsenic	75-2	0.19	0.09	0.18	0.15	33.32	ppb
Barium	135-1	21.11	21.64	21.32	21.36	1.25	ppb
Barium	137-1	20.80	21.57	21.55	21.31	2.07	ppb
Beryllium	9-1	-0.02	-0.03	-0.03	-0.02		ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.08	0.09	0.06	56.52	ppb
Cadmium	106-1	-1.03	-1.49	-2.39	-1.64		ppb
Cadmium	111-1	-0.05	-0.07	-0.16	-0.10		ppb
Calcium	43-1	63336.05	66026.95	65380.32	64914.44	2.16	ppb
Calcium	44-1	58830.85	60944.84	60874.62	60216.77	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.04	2.73	2.59	2.79	8.18	ppb
Cobalt	59-2	78.45	73.27	69.68	73.80	5.97	ppb
Copper	63-2	0.82	0.76	0.76	0.78	4.24	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				96		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	77957.08	72373.10	69488.38	73272.86	5.88	ppb
Iron	57-2	77854.19	72601.92	68553.98	73003.36	6.39	ppb
Iron	54-2	77982.21	71778.57	68881.35	72880.71	6.38	ppb
Krypton	83-1						cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-04	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:26:05	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.22	0.25	0.23	7.86	ppb
Lead	207-1	0.22	0.24	0.21	0.22	7.02	ppb
Lead	208-1	0.22	0.23	0.24	0.23	4.31	ppb
Lithium	6-1				91		%
Magnesium	24-2	97699.74	89857.51	86370.91	91309.39	6.35	ppb
Manganese	55-2	11295.45	10422.29	10083.48	10600.41	5.90	ppb
Molybdenum	94-1	0.25	0.24	0.26	0.25	4.31	ppb
Molybdenum	95-1	0.25	0.28	0.27	0.27	4.34	ppb
Molybdenum	96-1	0.56	0.59	0.57	0.58	2.87	ppb
Molybdenum	97-1	0.09	0.11	0.08	0.09	15.39	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	5.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.27	30.09	29.89	31.08	6.11	ppb
Phosphorus	31-2	-9.00	-9.85	-7.30	-8.72		ppb
Potassium	39-2	23764.57	21883.91	21459.13	22369.20	5.48	ppb
Rhodium	103-1				79		%
Rhodium	103-2				78		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	82-1	6.60	6.99	7.11	6.90	3.84	ppb
Selenium	77-2	0.47	0.00	0.00	0.16	173.21	ppb
Selenium	78-2	-0.53	-0.68	-0.35	-0.52		ppb
Silicon	28-1	1192.59	1251.42	1230.53	1224.85	2.43	ppb
Silver	107-1	0.04	0.03	0.04	0.03	22.75	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.63	ppb
Sodium	23-2	1007718.92	942410.62	898151.53	949427.02	5.81	ppb
Strontium	86-1	567.68	582.77	588.94	579.80	1.89	ppb
Strontium	88-1	566.37	581.41	591.49	579.76	2.18	ppb
Sulfur	34-1	173038.23	176611.55	174558.16	174735.98	1.03	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.01	0.01	0.01	11.92	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.17	ppb
Tin	118-1	0.45	0.45	0.46	0.45	1.58	ppb
Titanium	47-1	0.99	0.98	1.09	1.02	5.80	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-04	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:26:05	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	12.29	ppb
Vanadium	51-2	0.18	0.10	0.16	0.15	27.11	ppb
Yttrium	89-1				87		%
Yttrium	89-2				84		%
Zinc	66-2	17.61	16.63	15.57	16.60	6.15	ppb
Zirconium	90-1	0.09	0.09	0.08	0.08	3.81	ppb
Zirconium	91-1	0.08	0.07	0.09	0.08	11.84	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-05	Instrumnet Name :	P7
Client Sample ID :	PMW-8S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:29:15	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.02	24.03	24.68	26.58	14.53	ppb
Antimony	121-1	0.02	0.04	0.02	0.03	31.31	ppb
Arsenic	75-2	1.42	1.45	1.55	1.48	4.57	ppb
Barium	135-1	21.57	22.13	22.30	22.00	1.74	ppb
Barium	137-1	21.98	22.08	22.54	22.20	1.34	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	32.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.02	0.02	0.04	83.23	ppb
Cadmium	106-1	-1.56	-2.49	-0.98	-1.68		ppb
Cadmium	111-1	-0.11	-0.18	-0.07	-0.12		ppb
Calcium	43-1	66673.04	66258.94	67186.03	66706.00	0.70	ppb
Calcium	44-1	62216.34	61235.71	62634.16	62028.74	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.97	1.02	1.02	1.00	2.96	ppb
Cobalt	59-2	17.79	17.35	17.31	17.48	1.53	ppb
Copper	63-2	0.53	0.53	0.51	0.53	1.88	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				101		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	101813.78	99557.97	99167.71	100179.82	1.43	ppb
Iron	57-2	100243.00	99143.65	98170.58	99185.74	1.05	ppb
Iron	54-2	100341.56	99156.58	98138.92	99212.36	1.11	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-05	Instrumnet Name :	P7
Client Sample ID :	PMW-8S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:29:15	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.72	0.77	0.77	0.75	4.01	ppb
Lead	207-1	0.76	0.69	0.73	0.73	5.00	ppb
Lead	208-1	0.73	0.72	0.73	0.73	0.92	ppb
Lithium	6-1				96		%
Magnesium	24-2	18594.41	18539.34	18430.56	18521.43	0.45	ppb
Manganese	55-2	3272.04	3275.77	3220.26	3256.02	0.95	ppb
Molybdenum	94-1	0.27	0.26	0.28	0.27	2.86	ppb
Molybdenum	95-1	0.09	0.10	0.10	0.10	11.15	ppb
Molybdenum	96-1	0.72	0.76	0.80	0.76	5.21	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	2.87	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	10.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.95	2.73	2.70	2.79	4.94	ppb
Phosphorus	31-2	236.33	260.62	268.29	255.08	6.54	ppb
Potassium	39-2	4932.62	4897.85	4873.03	4901.17	0.61	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	1.71	2.16	1.77	1.88	13.00	ppb
Selenium	77-2	0.00	0.42	0.41	0.28	86.61	ppb
Selenium	78-2	-1.38	-1.69	-1.85	-1.64		ppb
Silicon	28-1	1403.17	1375.61	1408.20	1395.66	1.26	ppb
Silver	107-1	0.01	0.01	0.01	0.01	47.44	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.87	ppb
Sodium	23-2	67606.68	66592.36	66288.28	66829.11	1.03	ppb
Strontium	86-1	341.46	340.93	345.22	342.54	0.68	ppb
Strontium	88-1	339.70	344.33	343.90	342.64	0.75	ppb
Sulfur	34-1	94547.11	91162.88	95397.86	93702.62	2.39	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.26	0.28	0.26	0.27	4.16	ppb
Titanium	47-1	0.99	1.15	1.06	1.07	7.33	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-05	Instrumnet Name :	P7
Client Sample ID :	PMW-8S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:29:15	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	6.57	ppb
Vanadium	51-2	0.27	0.29	0.37	0.31	16.24	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	4.91	4.85	5.02	4.93	1.72	ppb
Zirconium	90-1	0.09	0.11	0.11	0.10	10.31	ppb
Zirconium	91-1	0.11	0.12	0.09	0.11	10.77	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-06	Instrumnet Name :	P7
Client Sample ID :	PMW-8D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:32:24	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.86	12.57	13.18	12.87	2.37	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	8.75	ppb
Arsenic	75-2	0.72	0.98	0.84	0.85	15.55	ppb
Barium	135-1	19.91	20.30	20.47	20.23	1.42	ppb
Barium	137-1	19.85	20.24	20.03	20.04	0.96	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	136.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.02	-0.01	0.01	158.89	ppb
Cadmium	106-1	-1.00	-1.65	-2.53	-1.73		ppb
Cadmium	111-1	-0.07	-0.12	-0.18	-0.12		ppb
Calcium	43-1	47048.07	46929.20	47116.73	47031.33	0.20	ppb
Calcium	44-1	43640.21	43714.50	43949.58	43768.10	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.58	0.57	0.59	3.46	ppb
Cobalt	59-2	10.76	10.68	10.63	10.69	0.61	ppb
Copper	63-2	0.30	0.28	0.29	0.29	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	118976.73	119767.29	119045.99	119263.34	0.37	ppb
Iron	57-2	119510.04	117708.29	117608.07	118275.47	0.90	ppb
Iron	54-2	119403.91	118686.36	118800.70	118963.66	0.32	ppb
Krypton	83-1						cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-06	Instrumnet Name :	P7
Client Sample ID :	PMW-8D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:32:24	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.18	0.19	0.18	12.19	ppb
Lead	207-1	0.17	0.14	0.14	0.15	8.70	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.99	ppb
Lithium	6-1				94		%
Magnesium	24-2	18355.04	18413.84	18464.37	18411.08	0.30	ppb
Manganese	55-2	3450.45	3399.50	3417.54	3422.50	0.75	ppb
Molybdenum	94-1	0.25	0.23	0.25	0.24	4.11	ppb
Molybdenum	95-1	0.14	0.16	0.14	0.14	8.31	ppb
Molybdenum	96-1	0.94	0.95	0.95	0.95	0.52	ppb
Molybdenum	97-1	0.10	0.09	0.11	0.10	9.68	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.54	1.76	1.61	1.64	6.87	ppb
Phosphorus	31-2	214.33	210.26	215.24	213.28	1.24	ppb
Potassium	39-2	3808.95	3798.98	3813.56	3807.16	0.20	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	1.42	1.23	1.81	1.49	19.89	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	-0.04	-0.54	-0.40		ppb
Silicon	28-1	1314.97	1323.98	1329.59	1322.85	0.56	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	187.15	ppb
Sodium	23-2	58030.10	58061.18	58137.60	58076.29	0.10	ppb
Strontium	86-1	272.36	273.72	274.86	273.65	0.46	ppb
Strontium	88-1	272.48	271.34	270.81	271.54	0.31	ppb
Sulfur	34-1	109872.95	109750.60	109473.10	109698.88	0.19	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
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	0.25	0.27	0.26	0.26	4.18	ppb
Titanium	47-1	0.42	0.61	0.47	0.50	20.13	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-06	Instrumnet Name :	P7
Client Sample ID :	PMW-8D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:32:24	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	8.41	ppb
Vanadium	51-2	0.49	0.48	0.50	0.49	2.05	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	3.89	3.96	3.70	3.85	3.54	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	15.67	ppb
Zirconium	91-1	0.05	0.07	0.06	0.06	13.05	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-07	Instrumnet Name :	P7
Client Sample ID :	DUP(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:35:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.06	15.03	15.95	14.68	10.07	ppb
Antimony	121-1	0.19	0.19	0.18	0.19	4.99	ppb
Arsenic	75-2	5.59	5.59	5.84	5.68	2.57	ppb
Barium	135-1	65.11	64.90	65.65	65.22	0.59	ppb
Barium	137-1	64.50	65.28	65.60	65.13	0.87	ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.12	0.22	0.23	48.38	ppb
Cadmium	106-1	-1.79	-2.01	-2.25	-2.02		ppb
Cadmium	111-1	0.06	0.14	0.08	0.09	40.29	ppb
Calcium	43-1	203088.74	205687.82	205738.73	204838.43	0.74	ppb
Calcium	44-1	200949.70	205836.96	205635.48	204140.71	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.86	2.82	2.85	2.84	0.75	ppb
Cobalt	59-2	2.54	2.51	2.43	2.49	2.28	ppb
Copper	63-2	1.57	1.56	1.60	1.58	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				90		%
Holmium	165-2				90		%
Indium	115-1				80		%
Indium	115-2				80		%
Iron	56-2	44618.10	44997.30	45148.83	44921.41	0.61	ppb
Iron	57-2	45264.46	45950.96	46237.79	45817.74	1.09	ppb
Iron	54-2	44757.64	44715.62	45275.62	44916.29	0.69	ppb
Krypton	83-1						cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-07	Instrumnet Name :	P7
Client Sample ID :	DUP(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:35:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.31	0.32	0.28	18.28	ppb
Lead	207-1	0.24	0.36	0.32	0.31	19.70	ppb
Lead	208-1	0.23	0.32	0.32	0.29	17.17	ppb
Lithium	6-1				85		%
Magnesium	24-2	265788.21	264983.14	268289.66	266353.67	0.65	ppb
Manganese	55-2	4240.92	4215.08	4314.43	4256.81	1.21	ppb
Molybdenum	94-1	3.30	3.44	3.40	3.38	2.20	ppb
Molybdenum	95-1	3.24	3.32	3.43	3.33	2.88	ppb
Molybdenum	96-1	3.58	3.50	3.55	3.54	1.11	ppb
Molybdenum	97-1	3.25	3.39	3.40	3.35	2.54	ppb
Molybdenum	98-1	3.23	3.22	3.36	3.27	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.01	4.19	4.21	4.14	2.69	ppb
Phosphorus	31-2	595.23	589.45	614.29	599.66	2.17	ppb
Potassium	39-2	82311.65	82587.76	83313.69	82737.70	0.63	ppb
Rhodium	103-1				74		%
Rhodium	103-2				76		%
Scandium	45-1				81		%
Scandium	45-2				83		%
Selenium	82-1	10.38	9.91	10.13	10.14	2.31	ppb
Selenium	77-2	0.45	1.34	0.89	0.89	49.87	ppb
Selenium	78-2	0.18	-0.91	-0.39	-0.37		ppb
Silicon	28-1	4261.68	4325.73	4351.54	4312.98	1.07	ppb
Silver	107-1	0.03	0.06	0.13	0.07	63.36	ppb
Silver	109-1	0.03	0.06	0.12	0.07	61.13	ppb
Sodium	23-2	1909367.32	1903801.90	1923836.21	1912335.14	0.54	ppb
Strontium	86-1	2427.61	2421.19	2425.36	2424.72	0.13	ppb
Strontium	88-1	2411.44	2417.74	2416.74	2415.31	0.14	ppb
Sulfur	34-1	295289.52	300985.34	301800.19	299358.35	1.18	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.06	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	25.02	ppb
Tin	118-1	0.31	0.33	0.30	0.31	4.63	ppb
Titanium	47-1	2.06	2.51	2.62	2.40	12.34	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-07	Instrumnet Name :	P7
Client Sample ID :	DUP(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:35:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.24	0.25	0.24	1.06	ppb
Vanadium	51-2	0.85	0.85	0.84	0.85	0.56	ppb
Yttrium	89-1				83		%
Yttrium	89-2				84		%
Zinc	66-2	3.64	3.20	3.63	3.49	7.14	ppb
Zirconium	90-1	0.44	0.41	0.44	0.43	4.33	ppb
Zirconium	91-1	0.44	0.40	0.43	0.42	4.89	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:38:40	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48759.01	48715.67	48899.10	48791.26	0.20	ppb
Antimony	121-1	473.19	502.66	506.06	493.97	3.66	ppb
Arsenic	75-2	495.03	498.54	485.26	492.95	1.40	ppb
Barium	135-1	2447.23	2538.35	2538.26	2507.95	2.10	ppb
Barium	137-1	2411.88	2528.52	2539.45	2493.28	2.84	ppb
Beryllium	9-1	485.42	497.05	504.24	495.57	1.92	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	457.27	478.87	486.64	474.26	3.21	ppb
Cadmium	106-1	464.04	478.81	476.61	473.15	1.68	ppb
Cadmium	111-1	461.07	479.62	482.09	474.26	2.42	ppb
Calcium	43-1	234766.70	243406.47	245413.11	241195.43	2.35	ppb
Calcium	44-1	234865.25	242170.09	244259.74	240431.69	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.18	504.44	506.26	506.62	0.47	ppb
Cobalt	59-2	494.62	490.93	493.09	492.88	0.38	ppb
Copper	63-2	4863.99	4894.97	4797.96	4852.31	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				100		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	128690.21	128180.53	128521.62	128464.12	0.20	ppb
Iron	57-2	127054.34	129055.07	128667.51	128258.97	0.83	ppb
Iron	54-2	128250.53	127619.72	126786.34	127552.20	0.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:38:40	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2448.88	2530.43	2511.86	2497.06	1.71	ppb
Lead	207-1	2423.99	2511.64	2497.95	2477.86	1.90	ppb
Lead	208-1	2438.34	2529.59	2505.81	2491.25	1.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	244368.86	245394.95	242732.61	244165.47	0.55	ppb
Manganese	55-2	5192.28	5143.58	5132.71	5156.19	0.62	ppb
Molybdenum	94-1	4792.00	4932.56	4975.76	4900.11	1.96	ppb
Molybdenum	95-1	4829.10	4984.88	5002.56	4938.85	1.93	ppb
Molybdenum	96-1	4775.56	4950.04	5007.30	4910.97	2.46	ppb
Molybdenum	97-1	4862.86	4996.58	4971.43	4943.62	1.44	ppb
Molybdenum	98-1	4853.33	4962.90	5023.96	4946.73	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.18	486.97	484.96	486.04	0.21	ppb
Phosphorus	31-2	9798.77	9820.57	9764.60	9794.65	0.29	ppb
Potassium	39-2	123993.80	123380.59	121361.11	122911.84	1.12	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	462.84	478.28	480.37	473.83	2.02	ppb
Selenium	77-2	497.49	500.05	499.19	498.91	0.26	ppb
Selenium	78-2	489.39	468.93	465.20	474.51	2.75	ppb
Silicon	28-1	496.37	512.25	524.87	511.16	2.79	ppb
Silver	107-1	469.40	489.05	488.66	482.37	2.33	ppb
Silver	109-1	467.10	488.55	485.88	480.51	2.43	ppb
Sodium	23-2	249691.85	248826.90	247561.30	248693.35	0.43	ppb
Strontium	86-1	12150.29	12510.66	12535.79	12398.91	1.74	ppb
Strontium	88-1	12049.78	12425.32	12497.14	12324.08	1.95	ppb
Sulfur	34-1	8953.97	9351.81	9623.01	9309.60	3.61	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	503.59	510.70	517.19	510.49	1.33	ppb
Thallium	205-1	491.10	507.64	501.25	500.00	1.67	ppb
Tin	118-1	478.35	508.91	507.10	498.12	3.44	ppb
Titanium	47-1	4825.85	4944.42	5057.53	4942.60	2.34	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:38:40	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	493.27	510.01	511.51	504.93	2.01	ppb
Vanadium	51-2	511.31	509.61	508.90	509.94	0.24	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	4825.88	4850.96	4781.12	4819.32	0.73	ppb
Zirconium	90-1	492.65	497.96	506.06	498.89	1.35	ppb
Zirconium	91-1	485.52	501.02	502.38	496.31	1.89	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:41:28	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.69	2.67	2.38	2.25	22.35	ppb
Antimony	121-1	0.32	0.32	0.37	0.34	8.70	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.06	0.08	0.06	0.07	16.17	ppb
Barium	137-1	0.07	0.06	0.08	0.07	8.32	ppb
Beryllium	9-1	0.12	0.07	0.06	0.08	34.70	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.04	0.02	-0.01		ppb
Cadmium	106-1	-0.86	-2.45	-2.60	-1.97		ppb
Cadmium	111-1	-0.03	-0.16	-0.16	-0.12		ppb
Calcium	43-1	4.20	1.84	1.12	2.39	67.59	ppb
Calcium	44-1	6.20	4.02	5.15	5.12	21.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.05	0.02	133.67	ppb
Cobalt	59-2	0.01	0.03	0.03	0.02	39.29	ppb
Copper	63-2	0.42	0.57	0.48	0.49	14.89	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				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	6.57	10.15	9.22	8.64	21.50	ppb
Iron	57-2	2.04	8.55	7.88	6.16	58.15	ppb
Iron	54-2	7.70	11.35	9.70	9.58	19.09	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:41:28	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.19	0.20	0.20	2.56	ppb
Lead	207-1	0.20	0.19	0.18	0.19	5.14	ppb
Lead	208-1	0.20	0.18	0.18	0.19	7.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	12.85	21.10	17.89	17.28	24.08	ppb
Manganese	55-2	0.30	0.48	0.39	0.39	22.22	ppb
Molybdenum	94-1	0.29	0.31	0.32	0.31	5.32	ppb
Molybdenum	95-1	0.29	0.25	0.28	0.27	8.56	ppb
Molybdenum	96-1	0.27	0.25	0.27	0.27	4.34	ppb
Molybdenum	97-1	0.30	0.24	0.26	0.27	11.10	ppb
Molybdenum	98-1	0.31	0.25	0.25	0.27	12.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.01	0.01	112.95	ppb
Phosphorus	31-2	-16.71	-21.50	-13.67	-17.29		ppb
Potassium	39-2	15.74	18.64	14.02	16.13	14.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.08	0.62	0.00	0.23	146.40	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	1.25	-1.08	0.09	1271.14	ppb
Silicon	28-1	-0.17	-0.26	-0.08	-0.17		ppb
Silver	107-1	0.06	0.04	0.04	0.05	19.49	ppb
Silver	109-1	0.06	0.05	0.04	0.05	17.18	ppb
Sodium	23-2	234.41	261.71	232.40	242.84	6.74	ppb
Strontium	86-1	0.37	0.27	0.23	0.29	25.27	ppb
Strontium	88-1	0.33	0.29	0.30	0.31	7.92	ppb
Sulfur	34-1	-628.62	-638.88	-641.65	-636.38		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.02	0.03	32.81	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	22.01	ppb
Tin	118-1	0.10	0.11	0.11	0.10	5.98	ppb
Titanium	47-1	0.32	0.20	0.32	0.28	25.19	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:41:28	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	8.52	ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	51.78	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	0.13	0.15	0.44	0.24	71.17	ppb
Zirconium	90-1	0.04	0.05	0.07	0.05	24.38	ppb
Zirconium	91-1	0.05	0.04	0.06	0.05	22.39	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-18	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:44:45	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2524.62	2496.68	2485.98	2502.43	0.80	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	10.77	ppb
Arsenic	75-2	1.02	1.12	1.32	1.15	13.15	ppb
Barium	135-1	11.82	11.74	11.62	11.73	0.85	ppb
Barium	137-1	11.81	11.62	11.72	11.71	0.82	ppb
Beryllium	9-1	2.86	2.68	2.75	2.76	3.20	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.11	0.16	0.12	37.02	ppb
Cadmium	106-1	-0.80	-0.41	-1.44	-0.89		ppb
Cadmium	111-1	-0.05	-0.03	-0.11	-0.06		ppb
Calcium	43-1	28040.98	28441.41	28190.98	28224.46	0.72	ppb
Calcium	44-1	26182.82	26352.36	26161.45	26232.21	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.58	0.61	0.57	5.93	ppb
Cobalt	59-2	94.03	94.05	93.90	93.99	0.09	ppb
Copper	63-2	0.21	0.32	0.32	0.29	21.67	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				99		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	302677.33	305403.53	302701.76	303594.21	0.52	ppb
Iron	57-2	299494.41	301879.25	298204.84	299859.50	0.62	ppb
Iron	54-2	302427.28	300098.85	298570.95	300365.70	0.65	ppb
Krypton	83-1						cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-18	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:44:45	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.25	0.24	0.24	0.24	3.26	ppb
Lead	207-1	0.25	0.24	0.23	0.24	4.03	ppb
Lead	208-1	0.25	0.25	0.24	0.25	2.17	ppb
Lithium	6-1				93		%
Magnesium	24-2	10131.08	10328.16	10237.27	10232.17	0.96	ppb
Manganese	55-2	6769.18	6805.38	6741.34	6771.96	0.47	ppb
Molybdenum	94-1	0.99	0.92	0.88	0.93	6.16	ppb
Molybdenum	95-1	0.20	0.25	0.21	0.22	13.85	ppb
Molybdenum	96-1	2.13	2.18	2.16	2.16	1.01	ppb
Molybdenum	97-1	0.15	0.16	0.15	0.15	4.54	ppb
Molybdenum	98-1	0.10	0.11	0.12	0.11	8.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	177.87	176.68	176.30	176.95	0.46	ppb
Phosphorus	31-2	2.65	-1.20	8.59	3.35	147.28	ppb
Potassium	39-2	23813.86	23986.40	23804.19	23868.15	0.43	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	1.69	2.41	1.97	2.02	18.11	ppb
Selenium	77-2	4.91	4.57	5.64	5.04	10.89	ppb
Selenium	78-2	3.13	0.47	2.53	2.05	68.09	ppb
Silicon	28-1	660.13	661.73	667.79	663.22	0.61	ppb
Silver	107-1	0.02	0.02	0.01	0.02	17.61	ppb
Silver	109-1	0.02	0.01	0.02	0.02	12.55	ppb
Sodium	23-2	447251.52	452407.46	448049.32	449236.10	0.62	ppb
Strontium	86-1	190.68	195.72	192.06	192.82	1.35	ppb
Strontium	88-1	189.85	192.42	192.00	191.42	0.72	ppb
Sulfur	34-1	575875.27	593297.67	588101.07	585758.00	1.53	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.01	0.01	48.76	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.09	ppb
Tin	118-1	0.26	0.28	0.30	0.28	7.16	ppb
Titanium	47-1	0.63	0.76	0.71	0.70	9.45	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-18	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:44:45	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	6.49	ppb
Vanadium	51-2	1.79	1.94	1.88	1.87	3.96	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	234.27	234.77	236.25	235.10	0.44	ppb
Zirconium	90-1	0.40	0.38	0.34	0.37	7.48	ppb
Zirconium	91-1	0.40	0.38	0.37	0.38	4.01	ppb

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-09	Instrumnet Name :	P7
Client Sample ID :	PMW-5(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:47:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	213.29	214.68	217.78	215.25	1.07	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	9.45	ppb
Arsenic	75-2	10.97	10.45	10.93	10.79	2.69	ppb
Barium	135-1	31.10	31.08	31.85	31.35	1.40	ppb
Barium	137-1	31.40	31.51	31.39	31.43	0.21	ppb
Beryllium	9-1	0.06	0.07	0.09	0.07	23.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.24	0.29	0.29	18.44	ppb
Cadmium	106-1	-0.54	-1.90	-2.41	-1.62		ppb
Cadmium	111-1	0.08	-0.01	-0.01	0.02	289.54	ppb
Calcium	43-1	16061.58	16473.46	16443.88	16326.31	1.41	ppb
Calcium	44-1	15101.15	15220.54	15344.92	15222.20	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.23	19.24	19.28	19.25	0.15	ppb
Cobalt	59-2	1.90	2.03	2.01	1.98	3.54	ppb
Copper	63-2	4.04	4.02	4.04	4.03	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				103		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	70175.15	69477.68	70228.94	69960.59	0.60	ppb
Iron	57-2	68837.50	68335.42	69878.43	69017.12	1.14	ppb
Iron	54-2	69622.95	69187.14	69773.51	69527.86	0.44	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-09	Instrumnet Name :	P7
Client Sample ID :	PMW-5(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:47:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.45	0.49	0.43	0.46	6.27	ppb
Lead	207-1	0.41	0.42	0.41	0.42	2.12	ppb
Lead	208-1	0.42	0.43	0.40	0.42	3.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	5293.01	5366.67	5383.62	5347.77	0.90	ppb
Manganese	55-2	367.39	368.20	369.15	368.25	0.24	ppb
Molybdenum	94-1	1.78	1.71	1.69	1.73	2.60	ppb
Molybdenum	95-1	1.22	1.23	1.13	1.19	4.60	ppb
Molybdenum	96-1	1.78	1.76	1.76	1.76	0.62	ppb
Molybdenum	97-1	1.24	1.21	1.16	1.20	3.36	ppb
Molybdenum	98-1	1.21	1.16	1.20	1.19	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.41	18.84	18.58	18.61	1.17	ppb
Phosphorus	31-2	-4.05	2.92	6.11	1.66	312.99	ppb
Potassium	39-2	4232.12	4248.80	4245.34	4242.09	0.21	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	0.70	0.84	0.42	0.65	32.63	ppb
Selenium	77-2	0.39	0.39	1.16	0.65	69.30	ppb
Selenium	78-2	0.16	-0.81	0.36	-0.10		ppb
Silicon	28-1	640.03	668.08	663.93	657.34	2.30	ppb
Silver	107-1	0.01	0.00	0.01	0.01	70.54	ppb
Silver	109-1	0.00	0.01	0.01	0.01	38.78	ppb
Sodium	23-2	13272.27	13287.67	13601.22	13387.05	1.39	ppb
Strontium	86-1	88.64	88.36	89.01	88.67	0.37	ppb
Strontium	88-1	88.24	88.45	89.51	88.73	0.77	ppb
Sulfur	34-1	12940.05	13372.14	13412.64	13241.61	1.98	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.00	213.50	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	273.25	ppb
Tin	118-1	1.85	1.93	1.95	1.91	2.79	ppb
Titanium	47-1	6.77	5.90	8.01	6.90	15.38	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-09	Instrumnet Name :	P7
Client Sample ID :	PMW-5(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:47:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.06	0.06	0.06	1.24	ppb
Vanadium	51-2	1.15	1.17	1.09	1.14	3.51	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	243.69	243.05	246.36	244.36	0.72	ppb
Zirconium	90-1	0.42	0.41	0.43	0.42	3.12	ppb
Zirconium	91-1	0.44	0.39	0.45	0.43	7.50	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-10	Instrumnet Name :	P7
Client Sample ID :	MW-1(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:51:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.61	40.64	38.11	37.79	8.02	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	20.24	ppb
Arsenic	75-2	0.15	0.02	0.08	0.09	75.60	ppb
Barium	135-1	89.11	93.77	90.21	91.03	2.68	ppb
Barium	137-1	88.74	93.82	91.06	91.21	2.79	ppb
Beryllium	9-1	0.03	0.04	0.01	0.03	62.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.02	-0.01	0.00		ppb
Cadmium	106-1	-0.75	-1.20	-1.93	-1.29		ppb
Cadmium	111-1	-0.04	-0.08	-0.12	-0.08		ppb
Calcium	43-1	71546.38	75764.65	74752.83	74021.29	2.98	ppb
Calcium	44-1	71459.26	75666.19	74186.37	73770.61	2.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.67	0.65	0.66	2.14	ppb
Cobalt	59-2	2.42	2.39	2.44	2.42	0.98	ppb
Copper	63-2	0.40	0.38	0.39	0.39	2.58	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				102		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	8223.01	8237.80	8286.79	8249.20	0.40	ppb
Iron	57-2	9097.73	9038.36	9181.99	9106.02	0.79	ppb
Iron	54-2	8660.85	8781.78	8764.95	8735.86	0.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-10	Instrumnet Name :	P7
Client Sample ID :	MW-1(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:51:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.31	0.25	0.28	0.28	9.79	ppb
Lead	207-1	0.24	0.23	0.25	0.24	5.20	ppb
Lead	208-1	0.26	0.25	0.25	0.25	1.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	11384.42	11266.72	11488.98	11380.04	0.98	ppb
Manganese	55-2	539.61	544.91	543.38	542.64	0.50	ppb
Molybdenum	94-1	0.43	0.40	0.40	0.41	4.50	ppb
Molybdenum	95-1	0.32	0.32	0.32	0.32	0.92	ppb
Molybdenum	96-1	0.35	0.37	0.41	0.38	7.86	ppb
Molybdenum	97-1	0.28	0.30	0.32	0.30	6.30	ppb
Molybdenum	98-1	0.30	0.35	0.32	0.32	8.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.74	2.58	2.70	2.67	2.99	ppb
Phosphorus	31-2	-10.41	-5.90	-4.78	-7.03		ppb
Potassium	39-2	2186.45	2210.78	2217.50	2204.91	0.74	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.42	0.99	0.63	0.68	42.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.69	-1.01	-1.35	-1.02		ppb
Silicon	28-1	1820.07	1906.78	1880.85	1869.23	2.38	ppb
Silver	107-1	0.01	0.01	0.00	0.01	72.10	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.53	ppb
Sodium	23-2	8143.06	8161.56	8259.15	8187.92	0.76	ppb
Strontium	86-1	480.17	501.61	499.07	493.62	2.37	ppb
Strontium	88-1	479.18	498.18	493.17	490.18	2.01	ppb
Sulfur	34-1	41634.31	44630.46	43663.34	43309.37	3.53	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00	722.45	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	67.43	ppb
Tin	118-1	0.37	0.43	0.41	0.41	7.04	ppb
Titanium	47-1	1.34	1.20	0.93	1.16	17.87	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-10	Instrumnet Name :	P7
Client Sample ID :	MW-1(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:51:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.12	0.11	0.11	2.28	ppb
Vanadium	51-2	0.16	0.19	0.22	0.19	14.66	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	13.10	12.35	12.66	12.70	2.94	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	5.78	ppb
Zirconium	91-1	0.06	0.07	0.07	0.07	13.71	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-11	Instrumnet Name :	P7
Client Sample ID :	PMW-3(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:54:24	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	270.58	274.38	276.61	273.86	1.11	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	28.75	ppb
Arsenic	75-2	1.11	1.21	1.04	1.12	7.90	ppb
Barium	135-1	18.22	17.82	18.37	18.14	1.57	ppb
Barium	137-1	18.32	18.38	18.63	18.45	0.89	ppb
Beryllium	9-1	0.23	0.21	0.23	0.23	6.16	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.02	0.08	0.05	60.10	ppb
Cadmium	106-1	-1.52	-1.35	-1.71	-1.53		ppb
Cadmium	111-1	-0.11	-0.09	-0.11	-0.11		ppb
Calcium	43-1	100960.22	101520.42	100429.27	100969.97	0.54	ppb
Calcium	44-1	99340.13	100258.79	100162.37	99920.43	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.09	1.22	1.09	1.13	6.38	ppb
Cobalt	59-2	5.56	5.58	5.74	5.63	1.71	ppb
Copper	63-2	0.19	0.16	0.19	0.18	11.03	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				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	159595.67	158940.29	159868.95	159468.30	0.30	ppb
Iron	57-2	157717.23	157330.90	156278.69	157108.94	0.47	ppb
Iron	54-2	159035.43	158538.77	159101.05	158891.75	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-11	Instrumnet Name :	P7
Client Sample ID :	PMW-3(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:54:24	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.22	0.20	0.21	4.75	ppb
Lead	207-1	0.19	0.20	0.21	0.20	4.68	ppb
Lead	208-1	0.19	0.20	0.19	0.20	3.08	ppb
Lithium	6-1				92		%
Magnesium	24-2	10792.91	11204.95	11217.11	11071.66	2.18	ppb
Manganese	55-2	1924.85	1914.04	1915.13	1918.01	0.31	ppb
Molybdenum	94-1	0.96	0.98	0.96	0.97	1.52	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	11.89	ppb
Molybdenum	96-1	1.28	1.27	1.28	1.28	0.67	ppb
Molybdenum	97-1	0.07	0.08	0.07	0.08	5.28	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	26.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.22	13.22	13.67	13.37	1.96	ppb
Phosphorus	31-2	-10.25	-6.88	-7.27	-8.13		ppb
Potassium	39-2	11950.41	11965.81	12014.74	11976.99	0.28	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	2.41	2.09	2.39	2.29	7.74	ppb
Selenium	77-2	6.99	6.12	4.97	6.03	16.77	ppb
Selenium	78-2	0.57	2.09	1.48	1.38	55.55	ppb
Silicon	28-1	773.09	769.29	777.55	773.31	0.53	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	41.83	ppb
Sodium	23-2	120476.62	119764.80	120385.78	120209.07	0.32	ppb
Strontium	86-1	437.68	441.62	448.09	442.46	1.19	ppb
Strontium	88-1	438.93	437.22	440.03	438.73	0.32	ppb
Sulfur	34-1	196918.71	197973.36	195696.29	196862.78	0.58	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.20	0.20	0.20	0.20	1.04	ppb
Thallium	205-1	0.21	0.21	0.20	0.20	1.47	ppb
Tin	118-1	0.20	0.18	0.20	0.19	5.73	ppb
Titanium	47-1	0.38	0.32	0.37	0.36	9.62	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-11	Instrumnet Name :	P7
Client Sample ID :	PMW-3(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:54:24	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	3.59	ppb
Vanadium	51-2	2.39	2.37	2.41	2.39	0.77	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	16.70	16.48	15.98	16.39	2.23	ppb
Zirconium	90-1	0.45	0.46	0.46	0.45	1.49	ppb
Zirconium	91-1	0.45	0.51	0.50	0.49	6.22	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-12	Instrumnet Name :	P7
Client Sample ID :	PMW-4(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:57:32	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	819.33	819.97	814.31	817.87	0.38	ppb
Antimony	121-1	0.06	0.04	0.07	0.06	19.63	ppb
Arsenic	75-2	2.27	2.79	2.47	2.51	10.52	ppb
Barium	135-1	23.17	23.01	23.75	23.31	1.67	ppb
Barium	137-1	22.61	23.46	23.48	23.18	2.16	ppb
Beryllium	9-1	0.08	0.01	0.06	0.05	66.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.02	0.02	0.03	53.70	ppb
Cadmium	106-1	-0.26	-1.09	-0.88	-0.74		ppb
Cadmium	111-1	0.01	-0.06	-0.04	-0.03		ppb
Calcium	43-1	28060.49	27955.35	28382.66	28132.84	0.79	ppb
Calcium	44-1	25719.66	25777.07	26476.83	25991.18	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.72	3.66	3.74	2.58	ppb
Cobalt	59-2	3.40	3.41	3.42	3.41	0.25	ppb
Copper	63-2	0.99	0.98	1.00	0.99	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				100		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	77954.04	77439.08	78118.18	77837.10	0.46	ppb
Iron	57-2	77131.58	76683.14	76658.53	76824.41	0.35	ppb
Iron	54-2	77634.20	77739.49	77861.51	77745.07	0.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-12	Instrumnet Name :	P7
Client Sample ID :	PMW-4(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:57:32	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.22	0.21	0.21	2.11	ppb
Lead	207-1	0.20	0.18	0.19	0.19	4.24	ppb
Lead	208-1	0.20	0.20	0.19	0.20	2.25	ppb
Lithium	6-1				93		%
Magnesium	24-2	6603.88	6687.29	6662.87	6651.34	0.64	ppb
Manganese	55-2	385.81	381.35	383.83	383.67	0.58	ppb
Molybdenum	94-1	0.57	0.53	0.56	0.55	4.35	ppb
Molybdenum	95-1	0.09	0.09	0.09	0.09	2.24	ppb
Molybdenum	96-1	0.65	0.73	0.70	0.69	5.39	ppb
Molybdenum	97-1	0.09	0.10	0.15	0.11	25.49	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.28	7.32	7.22	7.27	0.70	ppb
Phosphorus	31-2	13.38	10.59	8.18	10.71	24.27	ppb
Potassium	39-2	7872.76	7942.53	7929.75	7915.01	0.47	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	0.89	0.95	1.43	1.09	26.94	ppb
Selenium	77-2	11.23	10.39	13.18	11.60	12.33	ppb
Selenium	78-2	1.50	0.99	1.27	1.25	20.09	ppb
Silicon	28-1	325.53	319.74	324.41	323.23	0.95	ppb
Silver	107-1	0.01	0.00	0.01	0.01	62.70	ppb
Silver	109-1	0.01	0.02	0.01	0.01	34.00	ppb
Sodium	23-2	66420.78	66876.39	66903.98	66733.71	0.41	ppb
Strontium	86-1	50.05	51.59	50.99	50.88	1.53	ppb
Strontium	88-1	50.08	51.26	51.56	50.96	1.54	ppb
Sulfur	34-1	38313.50	38346.95	39058.11	38572.85	1.09	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.24	0.28	0.25	0.25	7.66	ppb
Titanium	47-1	0.29	0.36	0.34	0.33	11.69	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-12	Instrumnet Name :	P7
Client Sample ID :	PMW-4(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:57:32	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	3.42	ppb
Vanadium	51-2	1.94	2.00	2.06	2.00	3.12	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	12.54	12.36	11.87	12.26	2.82	ppb
Zirconium	90-1	0.22	0.25	0.25	0.24	7.26	ppb
Zirconium	91-1	0.23	0.23	0.23	0.23	2.04	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:00:45	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3210.82	3212.10	3218.45	3213.79	0.13	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	2.23	ppb
Arsenic	75-2	2.22	2.06	2.10	2.13	4.06	ppb
Barium	135-1	14.06	14.12	15.15	14.44	4.24	ppb
Barium	137-1	14.05	14.06	15.44	14.52	5.50	ppb
Beryllium	9-1	2.89	2.89	3.14	2.97	4.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.10	0.14	0.12	18.00	ppb
Cadmium	106-1	2.59	2.52	2.67	2.59	2.98	ppb
Cadmium	111-1	0.19	0.19	0.21	0.20	6.35	ppb
Calcium	43-1	28140.68	28371.93	30041.66	28851.42	3.60	ppb
Calcium	44-1	26244.02	26320.24	28253.32	26939.20	4.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.28	3.33	3.29	3.30	0.76	ppb
Cobalt	59-2	14.83	14.91	14.98	14.91	0.51	ppb
Copper	63-2	0.16	0.23	0.22	0.20	20.29	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				101		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	291323.38	292320.38	295659.39	293101.05	0.77	ppb
Iron	57-2	287911.30	289210.82	291521.46	289547.86	0.63	ppb
Iron	54-2	288317.19	289150.12	290044.26	289170.52	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:00:45	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.21	0.21	0.20	7.00	ppb
Lead	207-1	0.17	0.20	0.21	0.19	11.49	ppb
Lead	208-1	0.18	0.19	0.21	0.19	7.19	ppb
Lithium	6-1				93		%
Magnesium	24-2	19123.65	19149.44	19270.37	19181.15	0.41	ppb
Manganese	55-2	3869.59	3873.55	3906.73	3883.29	0.53	ppb
Molybdenum	94-1	2.49	2.56	2.70	2.58	4.10	ppb
Molybdenum	95-1	0.09	0.09	0.11	0.10	8.51	ppb
Molybdenum	96-1	2.11	2.13	2.21	2.15	2.57	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	0.27	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	13.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.29	4.22	3.97	4.16	4.02	ppb
Phosphorus	31-2	-15.99	-10.17	-5.28	-10.48		ppb
Potassium	39-2	3072.84	3089.38	3098.88	3087.03	0.43	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	1.19	1.28	1.15	1.21	5.77	ppb
Selenium	77-2	28.65	32.45	27.75	29.62	8.42	ppb
Selenium	78-2	5.89	7.91	6.83	6.88	14.66	ppb
Silicon	28-1	1030.47	1034.97	1089.35	1051.60	3.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00	10.87	ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.63	ppb
Sodium	23-2	10840.17	10843.59	11030.55	10904.77	1.00	ppb
Strontium	86-1	121.62	123.17	131.22	125.34	4.11	ppb
Strontium	88-1	123.99	124.23	132.56	126.92	3.84	ppb
Sulfur	34-1	194755.94	192951.33	206768.72	198158.66	3.79	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.55	1.53	1.66	1.58	4.35	ppb
Titanium	47-1	1.01	1.15	1.15	1.10	7.50	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:00:45	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	14.39	ppb
Vanadium	51-2	11.55	11.90	12.13	11.86	2.47	ppb
Yttrium	89-1				114		%
Yttrium	89-2				116		%
Zinc	66-2	7.67	8.29	7.83	7.93	4.00	ppb
Zirconium	90-1	1.36	1.34	1.42	1.38	2.88	ppb
Zirconium	91-1	1.37	1.33	1.51	1.40	6.53	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-14	Instrumnet Name :	P7
Client Sample ID :	PMW-7S(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:03:54	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.00	6.76	6.98	7.25	9.12	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	15.34	ppb
Arsenic	75-2	8.98	9.86	9.51	9.45	4.68	ppb
Barium	135-1	14.31	14.06	14.66	14.34	2.10	ppb
Barium	137-1	14.54	14.59	14.45	14.53	0.47	ppb
Beryllium	9-1	-0.02	0.00	0.00	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.04	-0.01	-0.02		ppb
Cadmium	106-1	-2.85	-2.91	-3.33	-3.03		ppb
Cadmium	111-1	-0.20	-0.21	-0.24	-0.22		ppb
Calcium	43-1	122496.54	124326.06	124352.77	123725.12	0.86	ppb
Calcium	44-1	123105.58	121547.59	123805.68	122819.62	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.99	1.94	1.98	1.91	ppb
Cobalt	59-2	0.60	0.64	0.59	0.61	4.04	ppb
Copper	63-2	0.22	0.18	0.19	0.20	12.53	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				101		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	36874.59	37259.16	36601.92	36911.89	0.89	ppb
Iron	57-2	38163.80	37679.66	36865.19	37569.55	1.75	ppb
Iron	54-2	36989.38	37298.21	36309.12	36865.57	1.37	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-14	Instrumnet Name :	P7
Client Sample ID :	PMW-7S(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:03:54	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.16	0.18	0.17	4.40	ppb
Lead	207-1	0.17	0.18	0.19	0.18	4.54	ppb
Lead	208-1	0.17	0.16	0.17	0.17	3.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	14624.84	14359.50	14349.25	14444.53	1.08	ppb
Manganese	55-2	1005.58	1008.96	988.33	1000.96	1.11	ppb
Molybdenum	94-1	0.91	0.84	0.83	0.86	4.63	ppb
Molybdenum	95-1	0.82	0.82	0.80	0.81	1.41	ppb
Molybdenum	96-1	1.04	1.08	1.06	1.06	1.95	ppb
Molybdenum	97-1	0.76	0.79	0.80	0.78	2.41	ppb
Molybdenum	98-1	0.76	0.81	0.77	0.78	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.28	2.20	2.08	2.19	4.65	ppb
Phosphorus	31-2	-7.43	-7.81	0.79	-4.82		ppb
Potassium	39-2	5757.65	5629.61	5725.36	5704.21	1.17	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	0.67	0.65	1.23	0.85	39.00	ppb
Selenium	77-2	0.81	0.41	0.41	0.54	43.41	ppb
Selenium	78-2	-0.82	-1.19	-0.93	-0.98		ppb
Silicon	28-1	1550.60	1529.65	1535.40	1538.55	0.70	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	57175.49	56312.45	56281.48	56589.81	0.90	ppb
Strontium	86-1	407.76	411.75	408.02	409.18	0.55	ppb
Strontium	88-1	409.55	405.52	402.76	405.94	0.84	ppb
Sulfur	34-1	71174.36	69172.98	68944.76	69764.03	1.76	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.37	0.38	0.38	0.38	1.48	ppb
Titanium	47-1	0.43	0.50	0.54	0.49	10.88	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-14	Instrumnet Name :	P7
Client Sample ID :	PMW-7S(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:03:54	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.08	0.08	0.08	2.87	ppb
Vanadium	51-2	0.56	0.51	0.56	0.54	5.57	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	2.73	2.96	2.87	2.85	3.97	ppb
Zirconium	90-1	0.12	0.15	0.13	0.14	10.24	ppb
Zirconium	91-1	0.09	0.16	0.13	0.12	27.34	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:07:02	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.48	8.87	10.02	9.46	6.04	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	20.40	ppb
Arsenic	75-2	9.84	9.64	10.07	9.85	2.17	ppb
Barium	135-1	28.28	28.12	27.74	28.05	0.99	ppb
Barium	137-1	28.02	28.40	28.31	28.24	0.70	ppb
Beryllium	9-1	0.03	0.05	0.01	0.03	65.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-1.22	-2.45	-3.13	-2.27		ppb
Cadmium	111-1	-0.08	-0.18	-0.23	-0.16		ppb
Calcium	43-1	113141.22	114168.72	114742.86	114017.60	0.71	ppb
Calcium	44-1	113112.19	114874.35	114644.47	114210.34	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.32	1.23	1.26	1.27	3.88	ppb
Cobalt	59-2	0.60	0.64	0.61	0.62	2.98	ppb
Copper	63-2	0.19	0.25	0.21	0.21	13.68	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				102		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	35696.41	35927.28	36988.28	36203.99	1.90	ppb
Iron	57-2	35913.87	36650.87	37476.95	36680.56	2.13	ppb
Iron	54-2	35625.19	35659.45	36645.78	35976.81	1.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:07:02	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.18	0.17	0.18	4.42	ppb
Lead	207-1	0.18	0.18	0.16	0.18	6.64	ppb
Lead	208-1	0.16	0.18	0.17	0.17	5.88	ppb
Lithium	6-1				93		%
Magnesium	24-2	14577.57	14883.21	15287.31	14916.03	2.39	ppb
Manganese	55-2	1026.94	1024.92	1065.48	1039.11	2.20	ppb
Molybdenum	94-1	0.25	0.27	0.23	0.25	8.30	ppb
Molybdenum	95-1	0.20	0.22	0.20	0.21	6.60	ppb
Molybdenum	96-1	0.43	0.45	0.46	0.45	3.25	ppb
Molybdenum	97-1	0.20	0.17	0.15	0.17	15.24	ppb
Molybdenum	98-1	0.18	0.17	0.17	0.18	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.52	1.53	1.50	3.01	ppb
Phosphorus	31-2	50.47	73.63	68.02	64.04	18.87	ppb
Potassium	39-2	5389.37	5514.03	5643.05	5515.48	2.30	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	1.06	1.36	1.42	1.28	15.12	ppb
Selenium	77-2	0.41	0.00	0.42	0.28	86.63	ppb
Selenium	78-2	-0.92	-0.30	-1.15	-0.79		ppb
Silicon	28-1	1910.46	1913.29	1914.87	1912.87	0.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	75.58	ppb
Sodium	23-2	53607.85	54657.14	56516.26	54927.09	2.68	ppb
Strontium	86-1	403.02	410.43	408.71	407.38	0.95	ppb
Strontium	88-1	401.73	408.27	405.31	405.10	0.81	ppb
Sulfur	34-1	66739.15	67346.02	65929.84	66671.67	1.07	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.28	0.29	0.28	0.28	0.86	ppb
Titanium	47-1	0.76	0.73	0.64	0.71	8.31	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:07:02	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	14.13	ppb
Vanadium	51-2	0.25	0.25	0.28	0.26	6.72	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	2.23	2.62	2.88	2.58	12.59	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	14.48	ppb
Zirconium	91-1	0.07	0.05	0.07	0.06	13.02	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-17	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:10:08	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.94	9.29	8.28	8.50	8.25	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	21.78	ppb
Arsenic	75-2	9.61	9.52	10.12	9.75	3.29	ppb
Barium	135-1	28.07	28.05	28.43	28.18	0.75	ppb
Barium	137-1	28.33	28.56	28.77	28.55	0.78	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	2928.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.01	0.02	0.00		ppb
Cadmium	106-1	-0.22	-2.13	-2.15	-1.50		ppb
Cadmium	111-1	-0.01	-0.16	-0.16	-0.11		ppb
Calcium	43-1	114740.38	116297.34	116325.99	115787.90	0.78	ppb
Calcium	44-1	113610.97	116239.32	115155.86	115002.05	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	1.02	0.96	0.95	7.41	ppb
Cobalt	59-2	0.60	0.57	0.60	0.59	2.80	ppb
Copper	63-2	0.18	0.19	0.14	0.17	14.63	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				101		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	33489.34	35578.63	35197.63	34755.20	3.20	ppb
Iron	57-2	34326.17	36081.28	35861.09	35422.85	2.70	ppb
Iron	54-2	33243.33	35537.29	35116.66	34632.43	3.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-17	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:10:08	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.20	0.18	0.19	5.83	ppb
Lead	207-1	0.18	0.16	0.18	0.17	6.58	ppb
Lead	208-1	0.18	0.17	0.17	0.17	1.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	13562.37	14590.85	14605.51	14252.91	4.20	ppb
Manganese	55-2	980.35	1020.17	1017.97	1006.17	2.22	ppb
Molybdenum	94-1	0.27	0.24	0.23	0.25	8.62	ppb
Molybdenum	95-1	0.20	0.19	0.20	0.20	1.86	ppb
Molybdenum	96-1	0.43	0.45	0.45	0.44	1.88	ppb
Molybdenum	97-1	0.16	0.20	0.17	0.18	11.27	ppb
Molybdenum	98-1	0.17	0.19	0.19	0.18	5.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.47	1.48	1.48	0.81	ppb
Phosphorus	31-2	68.16	57.50	63.96	63.21	8.50	ppb
Potassium	39-2	5122.90	5428.64	5398.12	5316.55	3.17	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	1.48	1.36	1.30	1.38	6.67	ppb
Selenium	77-2	0.38	0.00	0.41	0.26	86.72	ppb
Selenium	78-2	-0.40	1.84	-0.83	0.20	711.45	ppb
Silicon	28-1	1922.65	1942.07	1923.45	1929.39	0.57	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	50556.64	53773.97	53598.57	52643.06	3.44	ppb
Strontium	86-1	405.16	409.55	408.70	407.80	0.57	ppb
Strontium	88-1	403.65	408.57	407.68	406.63	0.64	ppb
Sulfur	34-1	66918.75	67937.15	67454.38	67436.76	0.76	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.29	0.33	0.31	0.31	6.65	ppb
Titanium	47-1	0.71	0.63	0.65	0.66	6.05	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-17	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:10:08	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	21.68	ppb
Vanadium	51-2	0.25	0.18	0.23	0.22	16.76	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	2.23	2.44	2.18	2.28	6.01	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	11.76	ppb
Zirconium	91-1	0.07	0.06	0.04	0.06	24.83	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15LX5	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 11:13:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.15	1.93	2.12	2.07	5.94	ppb
Antimony	121-1	0.00	0.01	0.01	0.00	34.15	ppb
Arsenic	75-2	2.02	2.06	1.99	2.02	1.81	ppb
Barium	135-1	5.47	5.79	5.63	5.63	2.86	ppb
Barium	137-1	5.52	5.81	5.74	5.69	2.70	ppb
Beryllium	9-1	0.00	0.01	-0.03	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.07	-0.01	-0.04		ppb
Cadmium	106-1	-0.87	-1.54	-1.91	-1.44		ppb
Cadmium	111-1	-0.06	-0.11	-0.14	-0.10		ppb
Calcium	43-1	24123.91	24469.69	24671.21	24421.61	1.13	ppb
Calcium	44-1	22524.73	22644.02	22676.21	22614.99	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.19	0.19	0.20	8.03	ppb
Cobalt	59-2	0.10	0.13	0.12	0.12	9.27	ppb
Copper	63-2	0.08	0.08	0.05	0.07	27.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	7052.84	7179.86	7064.82	7099.17	0.99	ppb
Iron	57-2	7559.09	7715.15	7601.62	7625.28	1.06	ppb
Iron	54-2	7523.31	7619.54	7473.53	7538.79	0.98	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15LX5	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 11:13:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.08	0.09	0.09	14.30	ppb
Lead	207-1	0.10	0.08	0.08	0.09	12.23	ppb
Lead	208-1	0.10	0.08	0.09	0.09	7.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	2974.86	3017.89	2989.20	2993.98	0.73	ppb
Manganese	55-2	208.39	210.50	207.21	208.70	0.80	ppb
Molybdenum	94-1	0.05	0.05	0.06	0.05	4.98	ppb
Molybdenum	95-1	0.03	0.05	0.05	0.04	17.04	ppb
Molybdenum	96-1	0.09	0.09	0.09	0.09	2.96	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	23.71	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	13.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.25	0.24	0.24	4.27	ppb
Phosphorus	31-2	0.58	-1.58	1.65	0.22	763.60	ppb
Potassium	39-2	1147.53	1174.84	1147.74	1156.70	1.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-0.16	0.43	0.08	0.12	252.10	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.29	-0.68	-0.06	-0.15		ppb
Silicon	28-1	374.15	380.00	380.45	378.20	0.93	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10683.31	10711.47	10458.41	10617.73	1.31	ppb
Strontium	86-1	80.44	81.13	80.61	80.73	0.44	ppb
Strontium	88-1	80.10	80.76	81.02	80.62	0.59	ppb
Sulfur	34-1	12978.43	13380.99	13430.52	13263.31	1.87	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.06	0.05	0.06	3.47	ppb
Titanium	47-1	0.10	0.12	0.09	0.10	14.05	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15LX5	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 11:13:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	68.33	ppb
Vanadium	51-2	0.05	0.04	0.03	0.04	21.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	0.47	0.52	0.47	0.49	5.43	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.07	ppb
Zirconium	91-1	0.03	0.01	0.00	0.01	125.84	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-16	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:16:30	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1895.47	1880.13	1910.46	1895.35	0.80	ppb
Antimony	121-1	99.19	101.98	102.63	101.26	1.80	ppb
Arsenic	75-2	49.58	49.55	50.29	49.81	0.85	ppb
Barium	135-1	2015.00	1987.33	2024.35	2008.89	0.96	ppb
Barium	137-1	1980.16	1982.43	2029.59	1997.39	1.40	ppb
Beryllium	9-1	50.21	52.23	51.85	51.43	2.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	43.42	45.27	46.41	45.03	3.36	ppb
Cadmium	106-1	42.31	40.81	42.56	41.90	2.26	ppb
Cadmium	111-1	50.09	50.36	50.91	50.45	0.82	ppb
Calcium	43-1	113750.55	116607.69	114122.11	114826.78	1.35	ppb
Calcium	44-1	114910.26	114892.85	114969.02	114924.04	0.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	206.24	201.93	206.42	204.86	1.24	ppb
Cobalt	59-2	506.17	498.96	518.15	507.76	1.91	ppb
Copper	63-2	243.35	235.79	241.97	240.37	1.67	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				102		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	36256.61	35743.26	36470.28	36156.72	1.03	ppb
Iron	57-2	36559.26	36514.57	37301.69	36791.84	1.20	ppb
Iron	54-2	36128.18	35520.49	36171.57	35940.08	1.01	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-16	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:16:30	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.33	18.54	18.43	18.43	0.57	ppb
Lead	207-1	18.11	18.06	17.92	18.03	0.53	ppb
Lead	208-1	18.06	18.21	18.04	18.11	0.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	14434.24	14291.27	14341.97	14355.83	0.50	ppb
Manganese	55-2	1527.73	1489.10	1500.61	1505.82	1.32	ppb
Molybdenum	94-1	0.31	0.27	0.25	0.28	12.10	ppb
Molybdenum	95-1	0.24	0.21	0.21	0.22	8.04	ppb
Molybdenum	96-1	0.43	0.45	0.47	0.45	4.73	ppb
Molybdenum	97-1	0.16	0.19	0.17	0.17	8.59	ppb
Molybdenum	98-1	0.18	0.20	0.20	0.20	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.85	505.46	517.86	513.39	1.34	ppb
Phosphorus	31-2	59.57	56.22	61.67	59.16	4.65	ppb
Potassium	39-2	5449.42	5319.39	5412.99	5393.93	1.24	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	102.99	107.80	107.43	106.07	2.53	ppb
Selenium	77-2	97.74	108.89	92.51	99.71	8.39	ppb
Selenium	78-2	99.32	92.53	107.24	99.70	7.39	ppb
Silicon	28-1	1912.42	1951.14	1937.17	1933.58	1.01	ppb
Silver	107-1	49.01	49.78	49.86	49.55	0.94	ppb
Silver	109-1	48.41	50.12	50.27	49.60	2.09	ppb
Sodium	23-2	53509.97	52258.74	54124.71	53297.80	1.78	ppb
Strontium	86-1	407.58	413.98	416.42	412.66	1.11	ppb
Strontium	88-1	404.92	413.44	411.88	410.08	1.11	ppb
Sulfur	34-1	68319.47	67669.24	68093.52	68027.41	0.49	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	45.66	45.38	45.32	45.46	0.41	ppb
Thallium	205-1	44.47	44.30	44.62	44.47	0.36	ppb
Tin	118-1	0.37	0.35	0.33	0.35	6.68	ppb
Titanium	47-1	1.93	0.90	0.81	1.21	51.21	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-16	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:16:30	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	32.06	ppb
Vanadium	51-2	509.89	497.39	509.58	505.62	1.41	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	520.63	503.88	517.95	514.15	1.75	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	17.04	ppb
Zirconium	91-1	0.07	0.06	0.08	0.07	13.96	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:19:35	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.49	12.23	12.67	12.46	1.80	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	12.67	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	45.62	ppb
Barium	135-1	96.20	97.21	98.88	97.43	1.39	ppb
Barium	137-1	97.92	97.28	99.19	98.13	0.99	ppb
Beryllium	9-1	0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.02	0.05	0.04	60.95	ppb
Cadmium	106-1	-2.66	-2.10	-2.85	-2.54		ppb
Cadmium	111-1	-0.17	-0.15	-0.20	-0.17		ppb
Calcium	43-1	80743.14	80946.01	81642.42	81110.52	0.58	ppb
Calcium	44-1	80039.52	80440.52	80852.34	80444.13	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.60	0.60	0.61	2.10	ppb
Cobalt	59-2	0.23	0.20	0.21	0.21	8.15	ppb
Copper	63-2	0.27	0.25	0.31	0.28	9.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	3426.47	3429.76	3421.87	3426.03	0.12	ppb
Iron	57-2	4091.22	4053.94	4087.46	4077.54	0.50	ppb
Iron	54-2	3629.47	3626.23	3668.22	3641.31	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:19:35	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.19	0.20	0.20	4.31	ppb
Lead	207-1	0.17	0.18	0.22	0.19	11.95	ppb
Lead	208-1	0.19	0.19	0.20	0.19	2.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	5575.37	5556.58	5612.02	5581.32	0.51	ppb
Manganese	55-2	132.76	130.76	132.82	132.11	0.89	ppb
Molybdenum	94-1	0.10	0.08	0.09	0.09	9.22	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	12.43	ppb
Molybdenum	96-1	0.07	0.09	0.09	0.08	11.59	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	20.80	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	8.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.59	0.63	0.62	3.87	ppb
Phosphorus	31-2	17.08	17.83	15.95	16.96	5.59	ppb
Potassium	39-2	3060.56	3067.56	3093.87	3074.00	0.57	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	1.05	1.53	0.05	0.88	85.81	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	-1.35	-0.64	-0.68		ppb
Silicon	28-1	831.19	842.41	844.30	839.30	0.84	ppb
Silver	107-1	0.03	0.03	0.03	0.03	17.63	ppb
Silver	109-1	0.03	0.02	0.02	0.02	33.11	ppb
Sodium	23-2	7376.08	7292.80	7416.35	7361.75	0.86	ppb
Strontium	86-1	2086.14	2104.29	2127.52	2105.98	0.99	ppb
Strontium	88-1	2066.62	2068.62	2102.93	2079.39	0.98	ppb
Sulfur	34-1	11394.11	11407.18	11540.98	11447.42	0.71	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.42	0.42	0.44	0.43	2.88	ppb
Titanium	47-1	0.35	0.33	0.32	0.33	4.80	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:19:35	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	11.50	ppb
Vanadium	51-2	0.08	0.07	0.06	0.07	13.31	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	2.05	1.67	1.91	1.88	10.25	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.40	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	75.42	ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-19	Instrumnet Name :	P7
Client Sample ID :	FB(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:22:46	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.78	4.94	5.07	4.93	3.01	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	12.86	ppb
Arsenic	75-2	-0.03	-0.03	-0.01	-0.02		ppb
Barium	135-1	0.10	0.10	0.12	0.11	10.91	ppb
Barium	137-1	0.12	0.11	0.10	0.11	7.61	ppb
Beryllium	9-1	0.00	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.02	0.10	0.06	65.86	ppb
Cadmium	106-1	-1.53	-1.25	-1.82	-1.53		ppb
Cadmium	111-1	-0.11	-0.09	-0.14	-0.11		ppb
Calcium	43-1	16.98	11.80	17.10	15.29	19.79	ppb
Calcium	44-1	15.91	13.18	14.27	14.45	9.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.48	0.46	0.48	3.08	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	96.95	ppb
Copper	63-2	0.11	0.10	0.12	0.11	9.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	9.50	9.36	9.07	9.31	2.37	ppb
Iron	57-2	6.58	11.04	9.63	9.08	25.14	ppb
Iron	54-2	9.86	11.39	10.65	10.64	7.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-19	Instrumnet Name :	P7
Client Sample ID :	FB(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:22:46	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.10	0.10	0.11	12.95	ppb
Lead	207-1	0.10	0.13	0.11	0.11	9.43	ppb
Lead	208-1	0.11	0.11	0.11	0.11	2.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.08	4.65	4.49	4.41	6.65	ppb
Manganese	55-2	1.48	1.44	1.46	1.46	1.57	ppb
Molybdenum	94-1	0.02	0.00	-0.01	0.00	481.24	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	66.33	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	33.87	ppb
Molybdenum	97-1	-0.01	0.01	-0.01	0.00	2188.82	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	24.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.40	0.37	0.38	3.33	ppb
Phosphorus	31-2	-12.09	-5.85	-10.03	-9.32		ppb
Potassium	39-2	-0.93	-5.89	-2.29	-3.04		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	-0.11	0.58	0.23	0.23	149.65	ppb
Selenium	77-2	0.40	0.00	0.38	0.26	86.68	ppb
Selenium	78-2	0.13	0.47	-0.57	0.01	4764.35	ppb
Silicon	28-1	2.28	2.56	2.90	2.58	12.15	ppb
Silver	107-1	0.00	0.00	0.00	0.00	62.91	ppb
Silver	109-1	0.01	0.00	0.01	0.00	58.72	ppb
Sodium	23-2	47.87	47.50	44.95	46.77	3.40	ppb
Strontium	86-1	0.13	0.05	0.10	0.09	43.94	ppb
Strontium	88-1	0.13	0.10	0.09	0.11	23.24	ppb
Sulfur	34-1	-173.11	-239.15	-163.40	-191.89		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.25	0.25	0.25	0.25	1.30	ppb
Titanium	47-1	0.15	0.18	0.08	0.14	36.07	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-19	Instrumnet Name :	P7
Client Sample ID :	FB(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:22:46	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	26.11	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.90	0.64	0.75	0.76	17.49	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	106.29	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00		ppb

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-20	Instrumnet Name :	P7
Client Sample ID :	FB(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:26:05	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.81	3.89	3.73	3.81	2.16	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	104.21	ppb
Arsenic	75-2	-0.03	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.05	0.03	0.03	0.03	28.50	ppb
Barium	137-1	0.04	0.06	0.05	0.05	16.36	ppb
Beryllium	9-1	-0.02	-0.03	0.00	-0.02		ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.04	0.04	0.02	288.25	ppb
Cadmium	106-1	-0.93	-0.94	-1.42	-1.09		ppb
Cadmium	111-1	-0.07	-0.07	-0.11	-0.08		ppb
Calcium	43-1	4.99	-0.35	6.96	3.87	97.73	ppb
Calcium	44-1	5.02	5.65	5.42	5.36	5.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.22	0.22	0.23	7.37	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	90.84	ppb
Copper	63-2	0.07	0.06	0.06	0.06	12.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	5.03	5.04	5.01	5.03	0.30	ppb
Iron	57-2	3.37	3.63	5.71	4.24	30.22	ppb
Iron	54-2	6.39	6.68	6.79	6.62	3.18	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-20	Instrumnet Name :	P7
Client Sample ID :	FB(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:26:05	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.09	0.08	0.08	5.66	ppb
Lead	207-1	0.08	0.08	0.10	0.09	14.58	ppb
Lead	208-1	0.08	0.08	0.09	0.08	7.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.62	2.63	2.63	2.63	0.21	ppb
Manganese	55-2	0.48	0.56	0.54	0.53	7.33	ppb
Molybdenum	94-1	0.01	0.02	0.00	0.01	90.25	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	65.25	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	122.58	ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	70.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.22	0.14	0.16	33.81	ppb
Phosphorus	31-2	-11.54	-11.79	-11.23	-11.52		ppb
Potassium	39-2	-4.41	-3.29	-4.30	-4.00		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	-0.25	-0.01	0.23	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.78	-0.73	0.94	-0.19		ppb
Silicon	28-1	1.79	2.27	2.56	2.21	17.63	ppb
Silver	107-1	0.00	0.00	0.00	0.00	70.69	ppb
Silver	109-1	0.00	0.00	0.00	0.00	328.24	ppb
Sodium	23-2	34.60	34.90	34.17	34.56	1.06	ppb
Strontium	86-1	0.01	0.01	0.04	0.02	79.03	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	3.87	ppb
Sulfur	34-1	-191.25	-158.97	-43.88	-131.37		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.24	0.28	0.29	0.27	8.82	ppb
Titanium	47-1	0.06	0.10	0.02	0.06	68.41	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-20	Instrumnet Name :	P7
Client Sample ID :	FB(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:26:05	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	36.46	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.30	0.24	0.25	0.27	12.14	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	71.35	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	12.65	ppb

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-21	Instrumnet Name :	P7
Client Sample ID :	FB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:29:22	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.48	5.82	5.03	5.78	12.64	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.00	-0.04	-0.01	-0.02		ppb
Barium	135-1	0.04	0.05	0.07	0.05	24.48	ppb
Barium	137-1	0.05	0.04	0.05	0.05	13.01	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.04	-0.07	-0.03		ppb
Cadmium	106-1	0.19	-1.53	0.29	-0.35		ppb
Cadmium	111-1	0.01	-0.11	0.02	-0.02		ppb
Calcium	43-1	2.52	1.60	3.96	2.69	44.28	ppb
Calcium	44-1	3.85	3.43	3.65	3.64	5.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.06	0.09	0.07	19.51	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	41.79	ppb
Copper	63-2	0.13	0.13	0.11	0.12	7.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	5.22	5.84	5.63	5.56	5.67	ppb
Iron	57-2	4.05	6.65	6.04	5.58	24.45	ppb
Iron	54-2	7.46	6.79	6.67	6.97	6.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-21	Instrumnet Name :	P7
Client Sample ID :	FB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:29:22	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.09	0.09	0.09	3.06	ppb
Lead	207-1	0.07	0.06	0.08	0.07	9.65	ppb
Lead	208-1	0.08	0.08	0.08	0.08	3.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.15	3.00	2.72	2.95	7.33	ppb
Manganese	55-2	0.35	0.36	0.37	0.36	1.66	ppb
Molybdenum	94-1	0.04	0.01	0.01	0.02	91.95	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	101.46	ppb
Molybdenum	96-1	0.00	-0.01	0.02	0.00	422.46	ppb
Molybdenum	97-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	72.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.08	0.06	0.07	23.68	ppb
Phosphorus	31-2	-9.77	-9.68	-12.65	-10.70		ppb
Potassium	39-2	-1.90	-1.75	0.90	-0.91		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.10	0.37	-0.42	0.02	2524.91	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.47	-1.62	0.43	-0.55		ppb
Silicon	28-1	1.79	2.20	2.27	2.09	12.35	ppb
Silver	107-1	0.00	0.00	0.00	0.00	813.83	ppb
Silver	109-1	0.00	0.00	0.00	0.00	103.41	ppb
Sodium	23-2	30.68	30.78	30.17	30.54	1.06	ppb
Strontium	86-1	0.00	0.02	0.02	0.01	83.00	ppb
Strontium	88-1	0.02	0.02	0.03	0.02	6.41	ppb
Sulfur	34-1	-101.24	-117.94	-13.23	-77.47		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.06	0.06	0.06	4.72	ppb
Titanium	47-1	0.11	0.02	0.05	0.06	72.38	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-21	Instrumnet Name :	P7
Client Sample ID :	FB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:29:22	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	918.15	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.15	0.20	0.27	0.21	30.80	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	63.84	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	506.24	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-22	Instrumnet Name :	P7
Client Sample ID :	EB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:32:41	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.37	16.45	14.73	15.52	5.58	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	68.46	ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	0.26	0.23	0.25	0.25	6.73	ppb
Barium	137-1	0.22	0.24	0.21	0.22	5.13	ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.01	-0.04	0.02	433.33	ppb
Cadmium	106-1	-0.09	-0.35	-0.59	-0.34		ppb
Cadmium	111-1	-0.01	-0.03	-0.04	-0.03		ppb
Calcium	43-1	24.79	19.86	19.21	21.29	14.32	ppb
Calcium	44-1	21.76	23.22	21.36	22.12	4.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.93	2.85	2.93	2.90	1.46	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	11.55	ppb
Copper	63-2	0.22	0.22	0.25	0.23	9.22	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				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	25.88	25.56	25.32	25.59	1.09	ppb
Iron	57-2	25.10	24.85	26.67	25.54	3.85	ppb
Iron	54-2	27.77	28.79	29.76	28.77	3.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-22	Instrumnet Name :	P7
Client Sample ID :	EB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:32:41	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.14	0.14	0.14	3.65	ppb
Lead	207-1	0.13	0.13	0.11	0.12	7.34	ppb
Lead	208-1	0.12	0.13	0.12	0.12	2.92	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.82	5.78	5.65	5.75	1.56	ppb
Manganese	55-2	3.12	3.10	3.17	3.13	1.19	ppb
Molybdenum	94-1	0.06	0.08	0.10	0.08	23.64	ppb
Molybdenum	95-1	0.05	0.07	0.07	0.06	16.68	ppb
Molybdenum	96-1	0.06	0.06	0.05	0.06	9.58	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.05	16.11	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	13.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	1.90	1.78	1.85	3.55	ppb
Phosphorus	31-2	-15.22	-1.36	-8.26	-8.28		ppb
Potassium	39-2	9.16	8.26	7.08	8.17	12.73	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.38	0.54	0.26	0.39	35.88	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.94	-0.12	-0.43	-0.49		ppb
Silicon	28-1	3.38	3.65	3.99	3.67	8.30	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	347.57	ppb
Sodium	23-2	38.05	38.77	39.74	38.86	2.18	ppb
Strontium	86-1	0.05	0.08	0.08	0.07	25.56	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	6.92	ppb
Sulfur	34-1	97.24	148.01	244.62	163.29	45.85	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.40	0.40	0.38	0.39	2.30	ppb
Titanium	47-1	0.16	0.19	0.27	0.20	27.61	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-22	Instrumnet Name :	P7
Client Sample ID :	EB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:32:41	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	98.97	ppb
Vanadium	51-2	0.02	0.04	0.02	0.03	34.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.17	1.36	1.20	1.24	8.54	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	44.81	ppb
Zirconium	91-1	0.04	0.01	0.03	0.03	50.93	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-04	Instrumnet Name :	P7
Client Sample ID :	YE0S7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:50:05	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23304.14	23088.27	23354.82	23249.08	0.61	ppb
Antimony	121-1	22.93	23.08	23.94	23.31	2.34	ppb
Arsenic	75-2	40.88	40.35	39.74	40.32	1.41	ppb
Barium	135-1	881.86	894.58	916.36	897.60	1.94	ppb
Barium	137-1	864.79	902.44	925.75	897.66	3.43	ppb
Beryllium	9-1	12.12	12.07	12.71	12.30	2.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.89	11.27	12.80	11.65	8.68	ppb
Cadmium	106-1	7.53	7.81	8.95	8.10	9.25	ppb
Cadmium	111-1	11.99	12.10	12.45	12.18	1.98	ppb
Calcium	43-1	23687.55	24166.17	24644.29	24166.00	1.98	ppb
Calcium	44-1	22034.67	22365.02	22560.62	22320.10	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.64	88.57	88.36	88.52	0.16	ppb
Cobalt	59-2	145.55	144.62	145.18	145.12	0.32	ppb
Copper	63-2	164.80	164.15	164.01	164.32	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				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	58933.00	58729.29	58921.44	58861.24	0.19	ppb
Iron	57-2	58759.52	58535.22	58442.24	58578.99	0.28	ppb
Iron	54-2	58843.45	59170.64	59143.80	59052.63	0.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-04	Instrumnet Name :	P7
Client Sample ID :	YE0S7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:50:05	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	248.49	256.43	255.23	253.38	1.69	ppb
Lead	207-1	235.75	244.23	242.56	240.85	1.86	ppb
Lead	208-1	255.08	262.57	263.67	260.44	1.80	ppb
Lithium	6-1				103		%
Magnesium	24-2	8627.70	8541.37	8594.28	8587.78	0.51	ppb
Manganese	55-2	2328.66	2334.62	2335.93	2333.07	0.17	ppb
Molybdenum	94-1	77.62	78.50	78.71	78.28	0.74	ppb
Molybdenum	95-1	88.48	91.76	90.97	90.40	1.89	ppb
Molybdenum	96-1	88.75	90.31	90.40	89.82	1.04	ppb
Molybdenum	97-1	88.95	91.58	91.81	90.78	1.75	ppb
Molybdenum	98-1	89.39	92.10	91.28	90.92	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.39	146.28	146.50	146.72	0.40	ppb
Phosphorus	31-2	3312.37	3215.93	3270.63	3266.31	1.48	ppb
Potassium	39-2	4223.73	4202.34	4242.29	4222.79	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	20.68	21.31	22.40	21.46	4.06	ppb
Selenium	77-2	32.15	30.37	29.08	30.54	5.04	ppb
Selenium	78-2	23.14	30.36	24.05	25.85	15.22	ppb
Silicon	28-1	2119.90	2178.58	2185.14	2161.21	1.66	ppb
Silver	107-1	11.15	11.22	11.72	11.36	2.76	ppb
Silver	109-1	11.10	11.26	11.61	11.32	2.29	ppb
Sodium	23-2	437.76	444.85	450.09	444.23	1.39	ppb
Strontium	86-1	1963.05	1987.19	1994.48	1981.57	0.83	ppb
Strontium	88-1	1962.56	1987.57	1981.31	1977.15	0.66	ppb
Sulfur	34-1	235.03	226.87	286.21	249.37	12.90	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	9.07	9.57	9.44	9.36	2.78	ppb
Thallium	205-1	9.12	9.45	9.47	9.35	2.10	ppb
Tin	118-1	4.71	4.81	4.78	4.77	1.14	ppb
Titanium	47-1	435.62	440.97	444.50	440.36	1.01	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-04	Instrumnet Name :	P7
Client Sample ID :	YE0S7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:50:05	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.59	1.64	1.64	1.62	1.63	ppb
Vanadium	51-2	292.51	292.50	296.43	293.81	0.77	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	503.86	494.32	503.15	500.44	1.06	ppb
Zirconium	90-1	1.78	1.86	1.82	1.82	2.23	ppb
Zirconium	91-1	1.79	1.81	1.79	1.80	0.83	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:58:41	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48989.26	49220.65	48790.48	49000.13	0.44	ppb
Antimony	121-1	493.43	500.12	494.60	496.05	0.72	ppb
Arsenic	75-2	487.11	489.58	492.75	489.81	0.58	ppb
Barium	135-1	2492.17	2509.45	2499.67	2500.43	0.35	ppb
Barium	137-1	2452.70	2502.72	2489.73	2481.72	1.05	ppb
Beryllium	9-1	503.30	514.10	498.19	505.20	1.61	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	481.14	476.65	481.52	479.77	0.56	ppb
Cadmium	106-1	475.11	486.23	478.71	480.02	1.18	ppb
Cadmium	111-1	478.30	479.10	476.30	477.90	0.30	ppb
Calcium	43-1	238749.07	240275.79	246971.07	241998.65	1.81	ppb
Calcium	44-1	236432.39	241716.96	245495.75	241215.04	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.88	510.09	507.02	509.33	0.40	ppb
Cobalt	59-2	492.01	492.21	491.84	492.02	0.04	ppb
Copper	63-2	4903.32	4837.01	4784.12	4841.49	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	129536.02	126978.62	128259.68	128258.11	1.00	ppb
Iron	57-2	128912.79	128642.93	128161.54	128572.42	0.30	ppb
Iron	54-2	128670.50	128339.10	128458.53	128489.38	0.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:58:41	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2524.14	2527.00	2535.11	2528.75	0.22	ppb
Lead	207-1	2490.81	2530.75	2504.77	2508.78	0.81	ppb
Lead	208-1	2503.42	2532.24	2519.13	2518.26	0.57	ppb
Lithium	6-1				91		%
Magnesium	24-2	244912.25	243004.17	244831.64	244249.36	0.44	ppb
Manganese	55-2	5189.82	5108.67	5151.77	5150.09	0.79	ppb
Molybdenum	94-1	4950.30	4968.63	5006.62	4975.18	0.58	ppb
Molybdenum	95-1	4950.88	4979.65	5046.79	4992.44	0.99	ppb
Molybdenum	96-1	4976.06	4956.34	5019.62	4984.01	0.65	ppb
Molybdenum	97-1	4987.89	4953.42	5044.40	4995.24	0.92	ppb
Molybdenum	98-1	5010.57	4958.59	5054.88	5008.01	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.91	486.08	487.26	488.08	0.52	ppb
Phosphorus	31-2	10042.87	9937.05	10049.63	10009.85	0.63	ppb
Potassium	39-2	124666.99	124459.68	124594.39	124573.69	0.08	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	473.39	474.02	480.27	475.89	0.80	ppb
Selenium	77-2	455.50	474.33	471.88	467.23	2.19	ppb
Selenium	78-2	490.83	470.59	470.45	477.29	2.46	ppb
Silicon	28-1	504.88	509.62	517.85	510.79	1.28	ppb
Silver	107-1	488.19	479.57	489.26	485.67	1.09	ppb
Silver	109-1	489.71	485.46	483.39	486.19	0.66	ppb
Sodium	23-2	247945.29	247431.28	248282.03	247886.20	0.17	ppb
Strontium	86-1	12308.63	12352.31	12612.14	12424.36	1.32	ppb
Strontium	88-1	12215.97	12240.14	12498.81	12318.31	1.27	ppb
Sulfur	34-1	9855.14	10125.36	10232.69	10071.06	1.93	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	514.41	515.34	508.18	512.65	0.76	ppb
Thallium	205-1	504.17	507.81	505.19	505.72	0.37	ppb
Tin	118-1	494.84	502.81	500.84	499.50	0.83	ppb
Titanium	47-1	4907.99	4965.76	5065.66	4979.80	1.60	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:58:41	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	503.97	510.02	508.08	507.35	0.61	ppb
Vanadium	51-2	514.43	514.22	514.10	514.25	0.03	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	4818.67	4844.62	4800.10	4821.13	0.46	ppb
Zirconium	90-1	496.54	494.79	503.29	498.21	0.90	ppb
Zirconium	91-1	498.28	496.74	507.20	500.74	1.13	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:01:28	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.66	1.42	1.82	1.63	12.37	ppb
Antimony	121-1	0.31	0.35	0.38	0.35	10.28	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00	1494.34	ppb
Barium	135-1	0.11	0.06	0.06	0.08	32.70	ppb
Barium	137-1	0.08	0.07	0.09	0.08	7.92	ppb
Beryllium	9-1	0.06	0.08	0.06	0.06	22.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.04	0.02	0.02	163.80	ppb
Cadmium	106-1	-1.29	-1.66	-1.57	-1.51		ppb
Cadmium	111-1	-0.05	-0.10	-0.09	-0.08		ppb
Calcium	43-1	6.86	1.69	4.89	4.48	58.22	ppb
Calcium	44-1	5.10	5.01	3.88	4.66	14.59	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	154.78	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	30.17	ppb
Copper	63-2	0.25	0.29	0.24	0.26	10.16	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				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	3.56	3.71	4.16	3.81	8.22	ppb
Iron	57-2	2.84	2.27	0.51	1.87	64.73	ppb
Iron	54-2	4.62	4.11	4.59	4.44	6.52	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:01:28	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.19	0.16	0.19	12.01	ppb
Lead	207-1	0.17	0.15	0.15	0.16	8.73	ppb
Lead	208-1	0.18	0.17	0.16	0.17	7.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.84	7.81	8.09	7.91	1.99	ppb
Manganese	55-2	0.18	0.19	0.19	0.18	2.97	ppb
Molybdenum	94-1	0.33	0.33	0.39	0.35	9.81	ppb
Molybdenum	95-1	0.31	0.26	0.25	0.27	12.24	ppb
Molybdenum	96-1	0.31	0.27	0.30	0.29	7.12	ppb
Molybdenum	97-1	0.26	0.27	0.26	0.26	1.57	ppb
Molybdenum	98-1	0.31	0.25	0.25	0.27	11.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.03	0.01	142.20	ppb
Phosphorus	31-2	-15.70	-6.69	-12.94	-11.78		ppb
Potassium	39-2	4.93	6.50	6.02	5.82	13.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.10	0.06	0.21	0.06	282.21	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.43	-1.27	0.93	-0.26		ppb
Silicon	28-1	-0.44	-0.51	-0.83	-0.59		ppb
Silver	107-1	0.06	0.05	0.05	0.06	9.16	ppb
Silver	109-1	0.06	0.04	0.04	0.05	24.77	ppb
Sodium	23-2	41.53	38.81	39.18	39.84	3.70	ppb
Strontium	86-1	0.33	0.32	0.32	0.32	2.22	ppb
Strontium	88-1	0.37	0.29	0.29	0.32	13.83	ppb
Sulfur	34-1	-219.75	-178.24	-258.88	-218.96		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.04	0.05	18.45	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	15.25	ppb
Tin	118-1	0.10	0.13	0.13	0.12	17.00	ppb
Titanium	47-1	0.17	0.19	0.12	0.16	24.03	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:01:28	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	23.11	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.25	0.02	0.20	0.16	77.41	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	13.73	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	9.34	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:30:54	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.63	7.79	8.24	8.55	11.23	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	44.69	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00	3719.07	ppb
Barium	135-1	49.63	49.39	49.64	49.55	0.28	ppb
Barium	137-1	49.11	49.55	50.28	49.65	1.20	ppb
Beryllium	9-1	-0.03	-0.01	-0.03	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.04	-0.04	-0.04		ppb
Cadmium	106-1	-3.81	-2.85	-4.57	-3.74		ppb
Cadmium	111-1	-0.27	-0.20	-0.33	-0.27		ppb
Calcium	43-1	42840.34	43799.97	43809.50	43483.27	1.28	ppb
Calcium	44-1	40205.25	40972.87	40450.23	40542.78	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.28	0.29	0.29	3.37	ppb
Cobalt	59-2	0.09	0.10	0.09	0.09	8.32	ppb
Copper	63-2	0.13	0.10	0.19	0.14	31.40	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				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	1711.03	1730.77	1708.07	1716.62	0.72	ppb
Iron	57-2	2053.80	2005.47	2039.03	2032.77	1.22	ppb
Iron	54-2	1793.45	1814.66	1816.62	1808.24	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:30:54	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.11	0.09	0.10	12.64	ppb
Lead	207-1	0.08	0.08	0.07	0.08	5.62	ppb
Lead	208-1	0.08	0.09	0.08	0.08	4.96	ppb
Lithium	6-1				101		%
Magnesium	24-2	2827.72	2845.38	2842.58	2838.56	0.33	ppb
Manganese	55-2	65.47	65.99	66.04	65.83	0.48	ppb
Molybdenum	94-1	0.04	0.07	0.05	0.05	19.81	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	27.12	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	2.77	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	33.60	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	6.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.28	0.20	0.26	19.95	ppb
Phosphorus	31-2	-2.47	0.88	-6.58	-2.72		ppb
Potassium	39-2	1538.72	1554.96	1547.37	1547.02	0.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.69	0.08	0.14	0.30	109.53	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.33	0.17	-2.69	-1.28		ppb
Silicon	28-1	421.26	428.83	427.27	425.79	0.94	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	61.86	ppb
Sodium	23-2	3700.46	3691.04	3709.72	3700.41	0.25	ppb
Strontium	86-1	1045.46	1049.63	1056.70	1050.59	0.54	ppb
Strontium	88-1	1026.66	1037.46	1047.41	1037.18	1.00	ppb
Sulfur	34-1	5808.18	6048.43	6081.00	5979.20	2.49	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	0.22	0.24	0.26	0.24	6.88	ppb
Titanium	47-1	0.19	0.19	0.26	0.21	19.03	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:30:54	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	7.54	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	9.54	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.97	0.90	0.79	0.89	9.87	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	32.69	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	18.22	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:34:05	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1640.94	1643.91	1651.56	1645.47	0.33	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	24.31	ppb
Arsenic	75-2	1.43	1.08	1.41	1.31	15.30	ppb
Barium	135-1	6.93	7.14	7.04	7.03	1.45	ppb
Barium	137-1	7.01	7.11	7.27	7.13	1.86	ppb
Beryllium	9-1	1.48	1.43	1.48	1.46	2.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.04	0.10	0.05	79.73	ppb
Cadmium	106-1	0.12	0.06	-0.08	0.03	317.60	ppb
Cadmium	111-1	0.01	0.01	-0.01	0.00	598.09	ppb
Calcium	43-1	14391.76	14412.67	14576.53	14460.32	0.70	ppb
Calcium	44-1	13174.06	13329.35	13598.39	13367.27	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.75	1.60	1.74	1.69	4.97	ppb
Cobalt	59-2	7.79	7.68	7.66	7.71	0.95	ppb
Copper	63-2	0.05	0.07	0.05	0.06	23.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	148541.45	148733.95	149203.57	148826.32	0.23	ppb
Iron	57-2	146302.08	146566.31	147307.67	146725.35	0.36	ppb
Iron	54-2	149196.11	146023.00	148188.84	147802.65	1.10	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:34:05	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.08	0.09	0.08	7.81	ppb
Lead	207-1	0.07	0.07	0.08	0.08	7.63	ppb
Lead	208-1	0.07	0.08	0.08	0.08	7.66	ppb
Lithium	6-1				97		%
Magnesium	24-2	9860.48	9843.54	9875.33	9859.78	0.16	ppb
Manganese	55-2	1960.69	1982.60	2005.53	1982.94	1.13	ppb
Molybdenum	94-1	1.50	1.37	1.49	1.45	5.03	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.04	26.11	ppb
Molybdenum	96-1	1.18	1.11	1.20	1.17	3.97	ppb
Molybdenum	97-1	0.08	0.04	0.05	0.06	33.83	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.01	24.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	1.96	2.09	2.07	5.17	ppb
Phosphorus	31-2	-12.17	-8.19	-12.65	-11.00		ppb
Potassium	39-2	1575.43	1559.23	1575.36	1570.01	0.59	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	-0.11	0.80	1.21	0.63	106.49	ppb
Selenium	77-2	19.46	20.44	19.44	19.78	2.91	ppb
Selenium	78-2	4.82	3.87	4.15	4.28	11.43	ppb
Silicon	28-1	517.90	527.90	524.23	523.34	0.97	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	5549.41	5562.98	5501.24	5537.88	0.59	ppb
Strontium	86-1	67.56	66.78	68.45	67.59	1.24	ppb
Strontium	88-1	67.28	66.71	67.45	67.15	0.58	ppb
Sulfur	34-1	101053.45	101729.59	101457.74	101413.59	0.34	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	1.04	1.06	1.09	1.06	2.21	ppb
Titanium	47-1	0.70	0.59	0.60	0.63	9.89	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:34:05	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	8.47	ppb
Vanadium	51-2	6.21	6.03	6.11	6.12	1.48	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	3.36	3.53	3.71	3.53	4.96	ppb
Zirconium	90-1	0.71	0.73	0.77	0.74	4.29	ppb
Zirconium	91-1	0.73	0.76	0.73	0.74	1.95	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02A	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:56:04	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22738.51	22408.32	22349.58	22498.80	0.93	ppb
Antimony	121-1	1.93	2.05	2.05	2.01	3.36	ppb
Arsenic	75-2	31.01	29.96	29.82	30.27	2.15	ppb
Barium	135-1	443.01	461.33	454.36	452.90	2.04	ppb
Barium	137-1	441.49	458.55	458.57	452.87	2.18	ppb
Beryllium	9-1	1.27	1.34	1.28	1.30	2.68	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	1.93	2.22	2.10	7.29	ppb
Cadmium	106-1	-0.09	-0.20	-0.71	-0.33		ppb
Cadmium	111-1	1.24	1.27	1.19	1.23	3.06	ppb
Calcium	43-1	23343.01	23829.20	24410.12	23860.78	2.24	ppb
Calcium	44-1	21622.45	22103.73	22556.72	22094.30	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.15	44.40	44.71	44.42	0.63	ppb
Cobalt	59-2	37.14	37.00	37.48	37.21	0.66	ppb
Copper	63-2	110.94	110.11	111.38	110.81	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				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	57700.05	57849.07	58225.99	57925.03	0.47	ppb
Iron	57-2	57405.15	57248.32	57897.75	57517.07	0.59	ppb
Iron	54-2	57820.14	57818.19	57742.30	57793.54	0.08	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02A	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:56:04	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	241.87	245.74	248.16	245.26	1.29	ppb
Lead	207-1	229.19	233.61	236.28	233.03	1.54	ppb
Lead	208-1	247.77	251.49	252.70	250.65	1.02	ppb
Lithium	6-1				104		%
Magnesium	24-2	8479.04	8608.78	8536.55	8541.46	0.76	ppb
Manganese	55-2	2179.73	2172.95	2205.72	2186.13	0.79	ppb
Molybdenum	94-1	3.45	3.91	3.80	3.72	6.49	ppb
Molybdenum	95-1	0.45	0.48	0.44	0.46	4.11	ppb
Molybdenum	96-1	1.17	1.22	1.20	1.20	2.46	ppb
Molybdenum	97-1	0.41	0.44	0.46	0.44	4.92	ppb
Molybdenum	98-1	0.41	0.42	0.41	0.41	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.99	35.82	35.39	35.73	0.86	ppb
Phosphorus	31-2	3188.45	3195.60	3186.50	3190.18	0.15	ppb
Potassium	39-2	4110.60	4131.38	4172.53	4138.17	0.76	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.69	1.14	1.24	1.02	28.57	ppb
Selenium	77-2	6.53	7.20	10.41	8.05	25.78	ppb
Selenium	78-2	1.85	0.31	1.10	1.09	70.93	ppb
Silicon	28-1	2150.81	2192.98	2233.42	2192.40	1.88	ppb
Silver	107-1	0.39	0.39	0.42	0.40	4.32	ppb
Silver	109-1	0.39	0.40	0.42	0.40	4.35	ppb
Sodium	23-2	394.44	400.54	411.20	402.06	2.11	ppb
Strontium	86-1	129.48	134.98	132.88	132.45	2.09	ppb
Strontium	88-1	128.92	133.01	132.41	131.45	1.68	ppb
Sulfur	34-1	272.30	271.04	261.32	268.22	2.24	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.22	0.21	0.26	0.23	9.94	ppb
Thallium	205-1	0.23	0.24	0.24	0.23	2.39	ppb
Tin	118-1	4.53	4.81	4.72	4.69	3.11	ppb
Titanium	47-1	431.45	438.27	451.17	440.30	2.27	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02A	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:56:04	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.58	1.61	1.59	1.60	1.02	ppb
Vanadium	51-2	519.86	522.33	526.11	522.76	0.60	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	1125.75	1137.74	1135.59	1133.02	0.56	ppb
Zirconium	90-1	1.80	1.90	1.90	1.87	3.19	ppb
Zirconium	91-1	1.82	1.90	1.91	1.88	2.68	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:59:10	DataFile Name :	088CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48962.72	48131.59	48047.28	48380.53	1.05	ppb
Antimony	121-1	475.64	489.00	486.59	483.74	1.47	ppb
Arsenic	75-2	480.74	479.34	486.52	482.20	0.79	ppb
Barium	135-1	2420.41	2477.56	2459.19	2452.39	1.19	ppb
Barium	137-1	2413.75	2469.67	2473.96	2452.46	1.37	ppb
Beryllium	9-1	501.99	507.14	506.67	505.27	0.56	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	469.96	477.51	481.67	476.38	1.25	ppb
Cadmium	106-1	473.28	475.17	480.21	476.22	0.75	ppb
Cadmium	111-1	465.02	475.80	480.58	473.80	1.68	ppb
Calcium	43-1	239171.55	238509.35	242933.46	240204.78	0.99	ppb
Calcium	44-1	235766.48	238267.62	241720.89	238585.00	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.64	504.67	506.28	507.20	0.61	ppb
Cobalt	59-2	490.30	484.84	487.60	487.58	0.56	ppb
Copper	63-2	4869.77	4774.33	4837.35	4827.15	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				100		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	128810.99	126086.34	128200.44	127699.26	1.12	ppb
Iron	57-2	130078.08	126963.68	126811.68	127951.15	1.44	ppb
Iron	54-2	127445.99	126097.78	127617.73	127053.83	0.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:59:10	DataFile Name :	088CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2479.44	2491.11	2512.21	2494.25	0.67	ppb
Lead	207-1	2443.02	2474.26	2505.73	2474.34	1.27	ppb
Lead	208-1	2463.63	2488.25	2498.81	2483.56	0.73	ppb
Lithium	6-1				91		%
Magnesium	24-2	244984.53	241152.68	243002.89	243046.70	0.79	ppb
Manganese	55-2	5135.49	5079.91	5139.87	5118.43	0.65	ppb
Molybdenum	94-1	4902.67	5001.14	4978.65	4960.82	1.04	ppb
Molybdenum	95-1	4929.31	4942.62	5031.58	4967.84	1.12	ppb
Molybdenum	96-1	4893.43	5000.34	4985.12	4959.63	1.17	ppb
Molybdenum	97-1	4910.18	4997.99	5044.46	4984.21	1.37	ppb
Molybdenum	98-1	4959.01	4989.17	5038.55	4995.58	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.73	485.81	483.83	487.12	0.84	ppb
Phosphorus	31-2	9758.81	9500.85	9820.22	9693.29	1.75	ppb
Potassium	39-2	121782.95	121503.50	122941.57	122076.01	0.62	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	474.56	475.73	487.20	479.16	1.46	ppb
Selenium	77-2	466.07	491.67	472.28	476.67	2.80	ppb
Selenium	78-2	453.60	486.99	479.07	473.22	3.69	ppb
Silicon	28-1	500.22	503.22	510.61	504.68	1.06	ppb
Silver	107-1	469.61	479.17	478.47	475.75	1.12	ppb
Silver	109-1	470.97	482.73	481.46	478.39	1.35	ppb
Sodium	23-2	247453.77	244186.03	244838.01	245492.60	0.70	ppb
Strontium	86-1	12372.09	12333.64	12483.15	12396.29	0.63	ppb
Strontium	88-1	12191.79	12381.38	12439.86	12337.68	1.05	ppb
Sulfur	34-1	9830.25	9992.47	10152.94	9991.89	1.61	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	500.44	503.65	510.45	504.85	1.01	ppb
Thallium	205-1	496.36	495.31	498.48	496.72	0.33	ppb
Tin	118-1	480.23	490.54	494.47	488.41	1.51	ppb
Titanium	47-1	4878.32	4882.15	4926.29	4895.59	0.54	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:59:10	DataFile Name :	088CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.98	501.95	506.48	500.47	1.37	ppb
Vanadium	51-2	507.26	501.32	509.86	506.14	0.86	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	4849.95	4756.29	4751.75	4786.00	1.16	ppb
Zirconium	90-1	496.61	497.95	500.47	498.34	0.39	ppb
Zirconium	91-1	497.26	503.71	499.40	500.12	0.66	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 13:01:58	DataFile Name :	089CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.07	0.42	0.34	70.44	ppb
Antimony	121-1	0.28	0.30	0.33	0.30	8.36	ppb
Arsenic	75-2	-0.01	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.05	0.04	0.03	0.04	24.89	ppb
Barium	137-1	0.03	0.02	0.02	0.02	7.59	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	18.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.01	-0.01	0.01	527.95	ppb
Cadmium	106-1	-0.71	-2.22	-1.91	-1.61		ppb
Cadmium	111-1	-0.03	-0.12	-0.13	-0.09		ppb
Calcium	43-1	-4.25	1.07	-1.22	-1.47		ppb
Calcium	44-1	-0.23	0.01	-1.02	-0.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	36.61	ppb
Copper	63-2	0.16	0.17	0.11	0.15	24.29	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				106		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	1.44	1.33	1.25	1.34	7.24	ppb
Iron	57-2	0.01	-1.98	-0.49	-0.82		ppb
Iron	54-2	1.36	2.20	0.83	1.46	47.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 13:01:58	DataFile Name :	089CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.12	0.10	0.12	12.49	ppb
Lead	207-1	0.10	0.09	0.12	0.11	15.34	ppb
Lead	208-1	0.12	0.11	0.11	0.11	7.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.25	3.12	3.03	3.13	3.54	ppb
Manganese	55-2	0.01	0.04	0.03	0.02	52.01	ppb
Molybdenum	94-1	0.25	0.23	0.24	0.24	3.16	ppb
Molybdenum	95-1	0.22	0.21	0.20	0.21	4.97	ppb
Molybdenum	96-1	0.23	0.18	0.19	0.20	12.83	ppb
Molybdenum	97-1	0.18	0.19	0.15	0.17	10.96	ppb
Molybdenum	98-1	0.20	0.18	0.20	0.19	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-17.99	-12.38	-13.42	-14.59		ppb
Potassium	39-2	5.00	2.61	3.38	3.66	33.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	-0.30	0.28	0.08	0.02	1736.83	ppb
Selenium	77-2	0.38	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	-1.06	-1.31	-0.81	-1.06		ppb
Silicon	28-1	-0.78	-0.79	-0.56	-0.71		ppb
Silver	107-1	0.05	0.04	0.02	0.04	39.02	ppb
Silver	109-1	0.06	0.04	0.04	0.05	20.90	ppb
Sodium	23-2	38.22	37.00	35.21	36.81	4.11	ppb
Strontium	86-1	0.13	0.13	0.08	0.11	26.58	ppb
Strontium	88-1	0.18	0.13	0.12	0.14	21.64	ppb
Sulfur	34-1	-124.32	-132.97	19.10	-79.40		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.04	0.05	20.68	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	16.84	ppb
Tin	118-1	0.07	0.09	0.10	0.09	21.30	ppb
Titanium	47-1	0.10	0.09	0.09	0.09	8.34	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 13:01:58	DataFile Name :	089CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	12.14	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	95.30	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.09	0.07	-0.12	0.01	855.05	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	9.76	ppb
Zirconium	91-1	0.05	0.05	0.07	0.06	15.85	ppb

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:38:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	73	73	74	2.59	cps
Antimony	121-1	50	57	83	63	27.85	cps
Arsenic	75-2	13	17	3	11	62.48	cps
Barium	135-1	43	30	20	31	37.62	cps
Barium	137-1	67	50	47	54	19.68	cps
Beryllium	9-1	47	60	67	58	17.62	cps
Bismuth	209-1	8989556	9038443	8985269	9004423	0.33	cps
Bismuth	209-2	6966650	6970917	6828376	6921981	1.17	cps
Bromine	81-1	8149	7976	8156	8093	1.26	cps
Bromine	81-2	70	50	50	57	20.38	cps
Cadmium	108-1	7	10	7	8	24.71	cps
Cadmium	106-1	3370	3237	3297	3302	2.02	cps
Cadmium	111-1	2365	2259	2303	2309	2.30	cps
Calcium	43-1	223	263	200	229	13.99	cps
Calcium	44-1	3870	3770	3767	3802	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303	340	390	344	12.63	cps
Cobalt	59-2	63	63	33	53	32.48	cps
Copper	63-2	633	487	593	571	13.28	cps
Dysprosium	156-1	13	10	23	16	44.60	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	77	107	117	100	20.82	cps
Erbium	164-2	60	70	63	64	7.90	cps
Gadolinium	160-1	47	57	60	54	12.74	cps
Gadolinium	160-2	457	520	400	459	13.08	cps
Holmium	165-1	14300834	14200372	14242920	14248042	0.35	cps
Holmium	165-2	9475378	9619609	9277390	9457459	1.82	cps
Indium	115-1	11212970	11327462	11180847	11240426	0.69	cps
Indium	115-2	3634307	3650323	3594618	3626416	0.79	cps
Iron	56-2	8136	7912	7805	7951	2.12	cps
Iron	57-2	813	807	863	828	3.74	cps
Iron	54-2	1073	947	973	998	6.69	cps
Krypton	83-1	117	127	87	110	18.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:38:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	287	267	320	291	9.26	cps
Lead	207-1	260	280	270	270	3.70	cps
Lead	208-1	1280	1233	1240	1251	2.02	cps
Lithium	6-1	2124018	2130457	2100598	2118358	0.74	cps
Magnesium	24-2	390	380	413	394	4.34	cps
Manganese	55-2	267	257	293	272	6.96	cps
Molybdenum	94-1	227	210	207	214	5.00	cps
Molybdenum	95-1	43	47	37	42	12.06	cps
Molybdenum	96-1	100	120	97	106	11.95	cps
Molybdenum	97-1	33	47	57	46	25.70	cps
Molybdenum	98-1	67	57	60	61	8.33	cps
Neodymium	150-1	30	7	7	14	93.24	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	80	67	70	72	9.61	cps
Phosphorus	31-2	113	103	87	101	13.32	cps
Potassium	39-2	36129	35682	36621	36144	1.30	cps
Rhodium	103-1	10300003	10377815	10201523	10293113	0.86	cps
Rhodium	103-2	5491480	5583433	5446021	5506978	1.27	cps
Scandium	45-1	6042571	6015215	5964947	6007577	0.66	cps
Scandium	45-2	499123	502595	496851	499523	0.58	cps
Selenium	82-1	319	292	378	330	13.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	200	123	153	159	24.31	cps
Silicon	28-1	151943	153374	152600	152639	0.47	cps
Silver	107-1	93	57	70	73	25.30	cps
Silver	109-1	33	30	23	29	17.63	cps
Sodium	23-2	8349	8412	8342	8368	0.46	cps
Strontium	86-1	210	180	193	194	7.73	cps
Strontium	88-1	107	190	153	150	27.84	cps
Sulfur	34-1	146848	148215	145280	146781	1.00	cps
Terbium	159-1	15027458	14849903	14875459	14917606	0.64	cps
Terbium	159-2	9414224	9498139	9254564	9388975	1.32	cps
Thallium	203-1	110	97	123	110	12.12	cps
Thallium	205-1	230	273	260	254	8.72	cps
Tin	118-1	447	450	523	473	9.16	cps
Titanium	47-1	100	93	93	96	4.03	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:38:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	13	17	11	62.48	cps
Vanadium	51-2	10	0	3	4	114.60	cps
Yttrium	89-1	11946888	11823856	11857618	11876121	0.54	cps
Yttrium	89-2	2807954	2797407	2788424	2797929	0.35	cps
Zinc	66-2	290	313	353	319	10.04	cps
Zirconium	90-1	577	520	517	538	6.27	cps
Zirconium	91-1	110	97	117	108	9.45	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:42:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2820	2767	2547	2711	5.34	cps
Antimony	121-1	13817	13496	12963	13425	3.21	cps
Arsenic	75-2	257	327	327	303	13.32	cps
Barium	135-1	17441	17407	16994	17281	1.44	cps
Barium	137-1	29901	29527	29935	29788	0.76	cps
Beryllium	9-1	1237	1203	1243	1228	1.75	cps
Bismuth	209-1	9093762	8978359	8931553	9001225	0.93	cps
Bismuth	209-2	6998722	7034227	6953830	6995593	0.58	cps
Bromine	81-1	7969	7702	7545	7739	2.77	cps
Bromine	81-2	33	17	37	29	37.08	cps
Cadmium	108-1	147	130	133	137	6.45	cps
Cadmium	106-1	3454	3257	3580	3430	4.75	cps
Cadmium	111-1	4112	3829	4266	4069	5.45	cps
Calcium	43-1	9587	9330	9700	9539	1.99	cps
Calcium	44-1	150809	152424	153586	152273	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5061	4931	5268	5086	3.34	cps
Cobalt	59-2	3741	3987	3737	3822	3.75	cps
Copper	63-2	6155	5931	5801	5962	3.00	cps
Dysprosium	156-1	50	17	10	26	83.85	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	123	117	130	123	5.40	cps
Erbium	164-2	23	80	63	56	52.43	cps
Gadolinium	160-1	50	63	43	52	19.50	cps
Gadolinium	160-2	497	490	487	491	1.04	cps
Holmium	165-1	14539559	14432159	14311337	14427685	0.79	cps
Holmium	165-2	9510626	9532091	9445125	9495947	0.48	cps
Indium	115-1	11476459	11354508	11261062	11364010	0.95	cps
Indium	115-2	3629204	3607816	3592921	3609980	0.51	cps
Iron	56-2	119513	117860	118085	118486	0.76	cps
Iron	57-2	3754	3704	3847	3768	1.93	cps
Iron	54-2	7685	7045	7309	7346	4.38	cps
Krypton	83-1	143	123	133	133	7.50	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:42:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4761	4841	5071	4891	3.29	cps
Lead	207-1	4327	4337	4417	4361	1.13	cps
Lead	208-1	19582	19549	20099	19744	1.56	cps
Lithium	6-1	2153525	2111504	2130490	2131840	0.99	cps
Magnesium	24-2	118509	117259	116547	117438	0.85	cps
Manganese	55-2	2070	2060	2304	2145	6.42	cps
Molybdenum	94-1	13443	13173	13416	13344	1.12	cps
Molybdenum	95-1	15642	16579	16329	16183	3.00	cps
Molybdenum	96-1	17654	17637	18538	17943	2.87	cps
Molybdenum	97-1	10170	10067	10044	10094	0.67	cps
Molybdenum	98-1	26795	26370	26471	26545	0.84	cps
Neodymium	150-1	10	17	3	10	66.70	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1033	1153	987	1058	8.13	cps
Phosphorus	31-2	353	293	340	329	9.58	cps
Potassium	39-2	180222	178203	177717	178714	0.74	cps
Rhodium	103-1	10349269	10286160	10289756	10308395	0.34	cps
Rhodium	103-2	5544711	5454162	5514937	5504603	0.84	cps
Scandium	45-1	6019952	6027716	5973706	6007124	0.49	cps
Scandium	45-2	501213	496293	497732	498412	0.51	cps
Selenium	82-1	826	843	861	843	2.06	cps
Selenium	77-2	60	47	60	56	13.85	cps
Selenium	78-2	283	273	277	278	1.83	cps
Silicon	28-1	168336	168564	170337	169079	0.65	cps
Silver	107-1	7472	7972	8059	7834	4.04	cps
Silver	109-1	7462	7525	7782	7590	2.23	cps
Sodium	23-2	191126	191643	192355	191708	0.32	cps
Strontium	86-1	2360	2397	2367	2375	0.82	cps
Strontium	88-1	18228	18575	18392	18398	0.94	cps
Sulfur	34-1	143402	143382	144274	143686	0.35	cps
Terbium	159-1	15128385	15060637	14861657	15016893	0.92	cps
Terbium	159-2	9521929	9358888	9472470	9451096	0.88	cps
Thallium	203-1	6011	6201	6078	6097	1.58	cps
Thallium	205-1	14184	14221	14131	14179	0.32	cps
Tin	118-1	27910	27897	27991	27933	0.18	cps
Titanium	47-1	4237	4094	4341	4224	2.93	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:42:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18293	18409	18299	18334	0.36	cps
Vanadium	51-2	10987	10847	10370	10735	3.01	cps
Yttrium	89-1	11908236	12009895	11902905	11940345	0.50	cps
Yttrium	89-2	2803814	2777437	2801336	2794195	0.52	cps
Zinc	66-2	2594	2647	2590	2610	1.22	cps
Zirconium	90-1	11501	11408	11661	11523	1.11	cps
Zirconium	91-1	2597	2760	2454	2604	5.89	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:45:35	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143187	143261	141642	142697	0.64	cps
Antimony	121-1	338613	346436	342371	342473	1.14	cps
Arsenic	75-2	15108	16065	15675	15616	3.08	cps
Barium	135-1	450642	451698	452321	451554	0.19	cps
Barium	137-1	778609	786191	790670	785157	0.78	cps
Beryllium	9-1	57272	58399	58740	58137	1.32	cps
Bismuth	209-1	9075884	9065811	9158320	9100005	0.56	cps
Bismuth	209-2	6990272	6969731	6979367	6979790	0.15	cps
Bromine	81-1	7585	8076	7792	7818	3.15	cps
Bromine	81-2	37	33	40	37	9.10	cps
Cadmium	108-1	6538	6668	6982	6729	3.39	cps
Cadmium	106-1	12362	12495	12365	12408	0.61	cps
Cadmium	111-1	88934	89174	90439	89516	0.90	cps
Calcium	43-1	94845	96563	96102	95837	0.93	cps
Calcium	44-1	1424001	1433888	1434073	1430654	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120741	120066	121703	120837	0.68	cps
Cobalt	59-2	183507	186210	185782	185166	0.78	cps
Copper	63-2	1317152	1318093	1314335	1316527	0.15	cps
Dysprosium	156-1	30	33	27	30	11.10	cps
Dysprosium	156-2	43	37	33	38	13.48	cps
Erbium	164-1	87	80	93	87	7.69	cps
Erbium	164-2	67	40	80	62	32.73	cps
Gadolinium	160-1	60	80	43	61	30.04	cps
Gadolinium	160-2	513	433	457	468	8.79	cps
Holmium	165-1	14637371	14494571	14377924	14503289	0.90	cps
Holmium	165-2	9667095	9571551	9468287	9568978	1.04	cps
Indium	115-1	11352725	11180183	11146433	11226447	0.99	cps
Indium	115-2	3606452	3554109	3553431	3571331	0.85	cps
Iron	56-2	5300979	5310133	5249073	5286729	0.62	cps
Iron	57-2	142858	142794	142420	142691	0.17	cps
Iron	54-2	318546	312277	314248	315024	1.02	cps
Krypton	83-1	167	113	110	130	24.46	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:45:35	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1223832	1241168	1242602	1235867	0.85	cps
Lead	207-1	1090546	1105417	1106071	1100678	0.80	cps
Lead	208-1	5194700	5274094	5238979	5235924	0.76	cps
Lithium	6-1	2130929	2101444	2143421	2125265	1.01	cps
Magnesium	24-2	1137497	1141373	1133023	1137298	0.37	cps
Manganese	55-2	947625	945060	944000	945561	0.20	cps
Molybdenum	94-1	1216687	1226214	1224843	1222581	0.42	cps
Molybdenum	95-1	1728855	1759397	1768724	1752325	1.19	cps
Molybdenum	96-1	1904707	1916543	1904319	1908523	0.36	cps
Molybdenum	97-1	1102841	1111413	1110335	1108196	0.42	cps
Molybdenum	98-1	2847749	2843361	2852811	2847974	0.17	cps
Neodymium	150-1	27	23	50	33	43.59	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	46171	46863	46431	46488	0.75	cps
Phosphorus	31-2	7098	7495	7382	7325	2.79	cps
Potassium	39-2	776089	787214	779560	780954	0.73	cps
Rhodium	103-1	10274878	10086094	10176030	10179001	0.93	cps
Rhodium	103-2	5440038	5425282	5419703	5428341	0.19	cps
Scandium	45-1	5958388	5954380	5892172	5934980	0.63	cps
Scandium	45-2	493035	493543	494298	493625	0.13	cps
Selenium	82-1	5206	5428	5501	5378	2.86	cps
Selenium	77-2	530	430	453	471	11.11	cps
Selenium	78-2	1683	1683	1580	1649	3.62	cps
Silicon	28-1	839716	848008	847108	844944	0.54	cps
Silver	107-1	420635	428369	429156	426053	1.11	cps
Silver	109-1	407575	409983	413452	410337	0.72	cps
Sodium	23-2	1820291	1794137	1784907	1799778	1.02	cps
Strontium	86-1	2753784	2773830	2756837	2761484	0.39	cps
Strontium	88-1	23837140	23855140	23973235	23888505	0.31	cps
Sulfur	34-1	169054	169974	169077	169368	0.31	cps
Terbium	159-1	14990543	15014915	15055229	15020229	0.22	cps
Terbium	159-2	9477785	9492919	9446934	9472546	0.25	cps
Thallium	203-1	307504	313619	312508	311210	1.05	cps
Thallium	205-1	731903	739111	742849	737955	0.75	cps
Tin	118-1	291185	293637	291676	292166	0.44	cps
Titanium	47-1	424978	427393	430021	427464	0.59	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:45:35	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	966836	986466	984277	979193	1.10	cps
Vanadium	51-2	106874	107956	107250	107360	0.51	cps
Yttrium	89-1	11863617	11880555	11837990	11860721	0.18	cps
Yttrium	89-2	2762227	2764607	2762374	2763069	0.05	cps
Zinc	66-2	222139	221829	219411	221126	0.68	cps
Zirconium	90-1	570750	579030	574380	574720	0.72	cps
Zirconium	91-1	128345	130228	130796	129790	0.99	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:48:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345646	346655	346690	346330	0.17	cps
Antimony	121-1	853022	866173	860341	859845	0.77	cps
Arsenic	75-2	38543	38132	37584	38086	1.26	cps
Barium	135-1	1135768	1146597	1134641	1139002	0.58	cps
Barium	137-1	2019167	2074892	2028228	2040762	1.47	cps
Beryllium	9-1	145846	147215	147122	146728	0.52	cps
Bismuth	209-1	9025082	9074323	8988369	9029258	0.48	cps
Bismuth	209-2	7111231	6994247	6922945	7009475	1.36	cps
Bromine	81-1	7856	7745	7649	7750	1.34	cps
Bromine	81-2	23	50	30	34	40.30	cps
Cadmium	108-1	16236	16156	16710	16367	1.83	cps
Cadmium	106-1	26618	26397	26097	26371	0.99	cps
Cadmium	111-1	220687	221887	222273	221616	0.37	cps
Calcium	43-1	235595	234612	235916	235374	0.29	cps
Calcium	44-1	3492674	3543675	3425200	3487183	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	296047	290475	291660	292727	1.00	cps
Cobalt	59-2	448188	447314	442126	445876	0.73	cps
Copper	63-2	3184619	3134002	3167387	3162003	0.81	cps
Dysprosium	156-1	50	37	27	38	30.98	cps
Dysprosium	156-2	60	70	40	57	26.96	cps
Erbium	164-1	123	123	107	118	8.17	cps
Erbium	164-2	67	117	80	88	29.50	cps
Gadolinium	160-1	57	50	80	62	25.32	cps
Gadolinium	160-2	450	507	533	497	8.57	cps
Holmium	165-1	14789533	14314330	14264233	14456032	2.01	cps
Holmium	165-2	9662482	9484929	9416379	9521263	1.33	cps
Indium	115-1	11091551	11121823	10980386	11064587	0.67	cps
Indium	115-2	3545975	3553026	3478981	3525994	1.16	cps
Iron	56-2	12933677	12812676	13053849	12933401	0.93	cps
Iron	57-2	343384	345759	342956	344033	0.44	cps
Iron	54-2	761397	768107	758638	762714	0.64	cps
Krypton	83-1	117	100	130	116	13.01	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:48:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3401251	3422809	3443322	3422461	0.61	cps
Lead	207-1	3075414	3108008	3105384	3096269	0.58	cps
Lead	208-1	13772775	14088582	13944477	13935278	1.13	cps
Lithium	6-1	2132215	2123129	2135247	2130197	0.30	cps
Magnesium	24-2	2692247	2701330	2649863	2681146	1.02	cps
Manganese	55-2	2207856	2239119	2241085	2229353	0.84	cps
Molybdenum	94-1	3002375	3018128	3021083	3013862	0.33	cps
Molybdenum	95-1	4386685	4363723	4373163	4374524	0.26	cps
Molybdenum	96-1	4802299	4780405	4784278	4788994	0.24	cps
Molybdenum	97-1	2768901	2756133	2725541	2750192	0.81	cps
Molybdenum	98-1	7065338	7109086	7028707	7067710	0.57	cps
Neodymium	150-1	67	97	90	84	18.65	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	111013	111466	112817	111766	0.84	cps
Phosphorus	31-2	17116	17036	17537	17230	1.56	cps
Potassium	39-2	1732326	1716634	1697639	1715533	1.01	cps
Rhodium	103-1	10082427	9941839	9884449	9969572	1.02	cps
Rhodium	103-2	5362190	5297204	5194390	5284595	1.60	cps
Scandium	45-1	5804108	5714012	5697658	5738593	1.00	cps
Scandium	45-2	477491	483500	473144	478045	1.09	cps
Selenium	82-1	13025	12807	13208	13013	1.54	cps
Selenium	77-2	1173	1160	1050	1128	6.00	cps
Selenium	78-2	3991	4051	3904	3982	1.85	cps
Silicon	28-1	1797780	1831057	1789314	1806051	1.22	cps
Silver	107-1	1069687	1068069	1068847	1068868	0.08	cps
Silver	109-1	1021111	1021243	1014107	1018820	0.40	cps
Sodium	23-2	4395160	4462340	4347065	4401522	1.32	cps
Strontium	86-1	6845089	6840442	6782988	6822840	0.51	cps
Strontium	88-1	59019967	60304789	59505966	59610241	1.09	cps
Sulfur	34-1	204857	203122	202415	203465	0.62	cps
Terbium	159-1	14826113	15159123	14879439	14954891	1.20	cps
Terbium	159-2	9416947	9745526	9241325	9467933	2.70	cps
Thallium	203-1	783352	791041	792357	788917	0.62	cps
Thallium	205-1	2056943	2061925	2061533	2060134	0.13	cps
Tin	118-1	729907	735998	732935	732947	0.42	cps
Titanium	47-1	1060325	1064937	1066022	1063761	0.28	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:48:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2830044	2824231	2793002	2815759	0.71	cps
Vanadium	51-2	260936	261460	260274	260890	0.23	cps
Yttrium	89-1	11903215	11744661	11567769	11738548	1.43	cps
Yttrium	89-2	2704290	2697166	2657829	2686428	0.93	cps
Zinc	66-2	537498	538032	534737	536756	0.33	cps
Zirconium	90-1	1421390	1443746	1441034	1435390	0.85	cps
Zirconium	91-1	324086	324762	325124	324657	0.16	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:51:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	638956	635911	636475	637114	0.25	cps
Antimony	121-1	1671106	1672862	1630779	1658249	1.44	cps
Arsenic	75-2	69023	70027	69163	69404	0.78	cps
Barium	135-1	2230300	2244171	2257249	2243907	0.60	cps
Barium	137-1	3838241	3877173	3807121	3840845	0.91	cps
Beryllium	9-1	271963	272149	270781	271631	0.27	cps
Bismuth	209-1	8784703	8836150	8856047	8825634	0.42	cps
Bismuth	209-2	6954725	6771975	6591348	6772683	2.68	cps
Bromine	81-1	7229	6918	7405	7184	3.43	cps
Bromine	81-2	23	23	27	24	7.89	cps
Cadmium	108-1	30325	30893	30342	30520	1.06	cps
Cadmium	106-1	45959	46277	46778	46338	0.89	cps
Cadmium	111-1	414422	409787	406918	410376	0.92	cps
Calcium	43-1	428770	430138	428109	429006	0.24	cps
Calcium	44-1	6473886	6448679	6389715	6437427	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	541241	535147	524776	533722	1.56	cps
Cobalt	59-2	819172	808654	800555	809460	1.15	cps
Copper	63-2	5725544	5678760	5587511	5663938	1.24	cps
Dysprosium	156-1	73	63	67	68	7.51	cps
Dysprosium	156-2	120	157	93	123	25.78	cps
Erbium	164-1	93	183	90	122	43.33	cps
Erbium	164-2	87	50	87	74	28.44	cps
Gadolinium	160-1	100	67	70	79	23.27	cps
Gadolinium	160-2	513	510	480	501	3.66	cps
Holmium	165-1	14207520	14068704	13914084	14063436	1.04	cps
Holmium	165-2	9538839	9414434	8992913	9315395	3.07	cps
Indium	115-1	10675677	10533628	10476030	10561778	0.97	cps
Indium	115-2	3395635	3374652	3272583	3347623	1.97	cps
Iron	56-2	23647358	23513952	23686935	23616082	0.38	cps
Iron	57-2	632475	630892	622729	628699	0.83	cps
Iron	54-2	1395420	1390858	1394954	1393744	0.18	cps
Krypton	83-1	107	100	120	109	9.35	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:51:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6580265	6549976	6544085	6558108	0.30	cps
Lead	207-1	5940045	5915908	5898635	5918196	0.35	cps
Lead	208-1	26396663	26543963	26459365	26466663	0.28	cps
Lithium	6-1	2121618	2102569	2075387	2099858	1.11	cps
Magnesium	24-2	4908855	4929025	4897755	4911878	0.32	cps
Manganese	55-2	4092490	4100879	4109824	4101064	0.21	cps
Molybdenum	94-1	5549785	5581257	5564998	5565347	0.28	cps
Molybdenum	95-1	8142552	8120147	8167137	8143279	0.29	cps
Molybdenum	96-1	8924337	8766027	8883783	8858049	0.93	cps
Molybdenum	97-1	5145835	5033856	5066466	5082052	1.13	cps
Molybdenum	98-1	13370768	13304342	13204982	13293364	0.63	cps
Neodymium	150-1	140	147	153	147	4.55	cps
Neodymium	150-2	40	23	23	29	33.32	cps
Nickel	60-2	201078	199887	202126	201030	0.56	cps
Phosphorus	31-2	32531	31566	31696	31931	1.64	cps
Potassium	39-2	3153169	3094525	3074576	3107423	1.31	cps
Rhodium	103-1	9513899	9224389	9252198	9330162	1.71	cps
Rhodium	103-2	5091506	5022396	4861983	4991962	2.36	cps
Scandium	45-1	5436101	5518797	5398557	5451152	1.13	cps
Scandium	45-2	449127	439558	439729	442805	1.24	cps
Selenium	82-1	23680	23761	23771	23737	0.21	cps
Selenium	77-2	2030	2220	2067	2106	4.79	cps
Selenium	78-2	7065	7309	6965	7113	2.48	cps
Silicon	28-1	3512809	3534087	3494170	3513689	0.57	cps
Silver	107-1	2026499	1988491	1987879	2000956	1.11	cps
Silver	109-1	1924086	1905183	1897968	1909079	0.71	cps
Sodium	23-2	8193703	8046756	8158307	8132922	0.94	cps
Strontium	86-1	12819287	12708690	12773642	12767206	0.44	cps
Strontium	88-1	111343388	110866925	110318502	110842938	0.46	cps
Sulfur	34-1	245866	243957	243473	244432	0.52	cps
Terbium	159-1	14681549	14717074	14382975	14593866	1.26	cps
Terbium	159-2	9118825	9052410	8997713	9056316	0.67	cps
Thallium	203-1	1507209	1524112	1520745	1517355	0.59	cps
Thallium	205-1	3946916	3971077	3876067	3931354	1.26	cps
Tin	118-1	1365765	1373190	1362366	1367107	0.40	cps
Titanium	47-1	1943340	1908316	1902031	1917896	1.16	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:51:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5364686	5480556	5490980	5445407	1.29	cps
Vanadium	51-2	479056	473503	474741	475767	0.61	cps
Yttrium	89-1	11217520	11098385	11148612	11154839	0.54	cps
Yttrium	89-2	2611662	2554915	2513100	2559892	1.93	cps
Zinc	66-2	995160	992233	975372	987588	1.08	cps
Zirconium	90-1	2647970	2648710	2691475	2662718	0.94	cps
Zirconium	91-1	601026	605425	598904	601785	0.55	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:54:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1215463	1207851	1209223	1210846	0.34	cps
Antimony	121-1	3163664	3150931	3137688	3150761	0.41	cps
Arsenic	75-2	132532	131315	132642	132163	0.56	cps
Barium	135-1	4338148	4310934	4259178	4302753	0.93	cps
Barium	137-1	7484179	7461977	7337922	7428026	1.06	cps
Beryllium	9-1	513593	513830	512776	513400	0.11	cps
Bismuth	209-1	8768720	8750697	8697272	8738896	0.43	cps
Bismuth	209-2	6636302	6706542	6620922	6654588	0.69	cps
Bromine	81-1	6742	6738	7032	6837	2.46	cps
Bromine	81-2	47	30	23	33	36.07	cps
Cadmium	108-1	58852	57771	57095	57906	1.53	cps
Cadmium	106-1	84021	85161	84815	84666	0.69	cps
Cadmium	111-1	773905	777649	779394	776982	0.36	cps
Calcium	43-1	799687	804217	792275	798726	0.75	cps
Calcium	44-1	11959097	11994334	11753343	11902258	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1019579	1011299	1013454	1014777	0.42	cps
Cobalt	59-2	1496169	1508750	1512554	1505824	0.57	cps
Copper	63-2	10724542	10657616	10669987	10684048	0.33	cps
Dysprosium	156-1	90	103	120	104	14.39	cps
Dysprosium	156-2	240	187	183	203	15.64	cps
Erbium	164-1	150	140	143	144	3.52	cps
Erbium	164-2	100	113	63	92	28.08	cps
Gadolinium	160-1	87	70	83	80	11.02	cps
Gadolinium	160-2	520	553	470	514	8.15	cps
Holmium	165-1	13923977	13824411	14022857	13923749	0.71	cps
Holmium	165-2	9290162	9059519	9011423	9120368	1.63	cps
Indium	115-1	10227807	10054939	10240154	10174300	1.02	cps
Indium	115-2	3241854	3265464	3176557	3227958	1.43	cps
Iron	56-2	45361913	45662134	44987118	45337055	0.75	cps
Iron	57-2	1198032	1193460	1192270	1194587	0.25	cps
Iron	54-2	2517797	2508745	2489714	2505419	0.57	cps
Krypton	83-1	103	130	107	113	12.82	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:54:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12830107	12963170	12967076	12920118	0.60	cps
Lead	207-1	11583172	11686727	11681962	11650621	0.50	cps
Lead	208-1	52081762	52690475	52386434	52386224	0.58	cps
Lithium	6-1	2053167	2045935	2008157	2035753	1.19	cps
Magnesium	24-2	9386420	9349671	9441309	9392467	0.49	cps
Manganese	55-2	7939036	7806645	7796601	7847427	1.01	cps
Molybdenum	94-1	10567211	10624247	10536260	10575906	0.42	cps
Molybdenum	95-1	15452344	15607623	15595872	15551946	0.56	cps
Molybdenum	96-1	16894119	17007608	16998286	16966671	0.37	cps
Molybdenum	97-1	9700230	9775742	9765173	9747048	0.42	cps
Molybdenum	98-1	25323428	25100865	25366256	25263516	0.56	cps
Neodymium	150-1	257	303	280	280	8.33	cps
Neodymium	150-2	67	33	70	57	35.79	cps
Nickel	60-2	377646	378110	375354	377037	0.39	cps
Phosphorus	31-2	59659	61148	59582	60130	1.47	cps
Potassium	39-2	5866053	5797555	5839639	5834416	0.59	cps
Rhodium	103-1	8918281	8875857	8798958	8864365	0.68	cps
Rhodium	103-2	4808698	4784381	4696691	4763257	1.24	cps
Scandium	45-1	5203426	5088581	5092211	5128073	1.27	cps
Scandium	45-2	431997	428290	428964	429750	0.46	cps
Selenium	82-1	44018	44544	44254	44272	0.60	cps
Selenium	77-2	4337	3807	4101	4082	6.51	cps
Selenium	78-2	13413	12982	13623	13339	2.45	cps
Silicon	28-1	6373016	6368363	6294304	6345228	0.70	cps
Silver	107-1	3717815	3720100	3719068	3718994	0.03	cps
Silver	109-1	3646418	3592050	3595358	3611275	0.84	cps
Sodium	23-2	15781279	15637981	15734392	15717884	0.46	cps
Strontium	86-1	23984744	23990967	24045940	24007217	0.14	cps
Strontium	88-1	212635257	210872664	209828444	211112121	0.67	cps
Sulfur	34-1	332677	333144	329874	331898	0.53	cps
Terbium	159-1	14512236	14509006	14447136	14489460	0.25	cps
Terbium	159-2	9147065	9033408	8993939	9058137	0.88	cps
Thallium	203-1	3265505	3308088	3277394	3283662	0.67	cps
Thallium	205-1	7717538	7785516	7867073	7790042	0.96	cps
Tin	118-1	2712012	2660226	2650348	2674195	1.24	cps
Titanium	47-1	3556947	3567630	3539903	3554827	0.39	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:54:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10705318	10881632	10919666	10835539	1.06	cps
Vanadium	51-2	917597	911300	909818	912905	0.45	cps
Yttrium	89-1	10853562	10689727	10614949	10719412	1.14	cps
Yttrium	89-2	2538352	2447142	2475622	2487039	1.88	cps
Zinc	66-2	1812823	1832109	1863520	1836151	1.39	cps
Zirconium	90-1	5001440	5049653	5001359	5017484	0.56	cps
Zirconium	91-1	1142095	1150329	1147280	1146568	0.36	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:57:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2382020	2357426	2389360	2376268	0.70	cps
Antimony	121-1	6347656	6376839	6459648	6394714	0.91	cps
Arsenic	75-2	269571	268748	267941	268753	0.30	cps
Barium	135-1	8617630	8829573	8816897	8754700	1.36	cps
Barium	137-1	14978972	15271690	15193641	15148101	1.00	cps
Beryllium	9-1	1005347	1012832	1019482	1012554	0.70	cps
Bismuth	209-1	8387839	8764349	8799126	8650438	2.64	cps
Bismuth	209-2	6624917	6543522	6650017	6606152	0.84	cps
Bromine	81-1	6765	6758	7068	6864	2.58	cps
Bromine	81-2	43	30	50	41	24.77	cps
Cadmium	108-1	112834	116664	116812	115437	1.95	cps
Cadmium	106-1	164156	165818	165787	165254	0.58	cps
Cadmium	111-1	1536154	1539358	1555224	1543579	0.66	cps
Calcium	43-1	1513509	1509479	1519425	1514138	0.33	cps
Calcium	44-1	23999524	24069394	24252596	24107172	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1997545	2025907	2021457	2014970	0.76	cps
Cobalt	59-2	3069834	3079033	3074211	3074359	0.15	cps
Copper	63-2	21520661	21431521	21506426	21486202	0.22	cps
Dysprosium	156-1	133	230	170	178	27.45	cps
Dysprosium	156-2	400	387	377	388	3.02	cps
Erbium	164-1	203	160	150	171	16.57	cps
Erbium	164-2	107	150	80	112	31.48	cps
Gadolinium	160-1	117	113	190	140	30.95	cps
Gadolinium	160-2	467	490	523	493	5.77	cps
Holmium	165-1	13719145	14111824	14237392	14022787	1.93	cps
Holmium	165-2	9208820	9161620	9314258	9228233	0.85	cps
Indium	115-1	9701643	10003478	10285337	9996820	2.92	cps
Indium	115-2	3179041	3165608	3238729	3194459	1.22	cps
Iron	56-2	91713622	91607889	91310422	91543978	0.23	cps
Iron	57-2	2294978	2275964	2271901	2280948	0.54	cps
Iron	54-2	5037983	5023804	5067207	5042998	0.44	cps
Krypton	83-1	100	130	143	124	17.84	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:57:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26094894	26518042	26615364	26409433	1.05	cps
Lead	207-1	23374230	23934673	23815734	23708212	1.25	cps
Lead	208-1	105287122	106850024	107587895	106575014	1.10	cps
Lithium	6-1	1975822	2002672	2035189	2004561	1.48	cps
Magnesium	24-2	19083135	19091281	19083903	19086106	0.02	cps
Manganese	55-2	15862810	15839611	15877359	15859926	0.12	cps
Molybdenum	94-1	21381763	21687837	21739911	21603171	0.90	cps
Molybdenum	95-1	31108762	31550569	31673710	31444347	0.94	cps
Molybdenum	96-1	34078253	34432721	34640038	34383671	0.83	cps
Molybdenum	97-1	19500229	19684306	19773768	19652768	0.71	cps
Molybdenum	98-1	50303388	50933701	51617881	50951656	1.29	cps
Neodymium	150-1	547	587	643	592	8.20	cps
Neodymium	150-2	133	90	120	114	19.40	cps
Nickel	60-2	751514	756012	754198	753908	0.30	cps
Phosphorus	31-2	120227	120046	121241	120505	0.53	cps
Potassium	39-2	11839554	11823196	11874404	11845718	0.22	cps
Rhodium	103-1	8414301	8587260	8830627	8610729	2.43	cps
Rhodium	103-2	4695428	4730571	4794820	4740273	1.06	cps
Scandium	45-1	4996299	5117114	5178243	5097219	1.82	cps
Scandium	45-2	433152	432364	438717	434744	0.80	cps
Selenium	82-1	87464	88558	88449	88157	0.68	cps
Selenium	77-2	7999	7896	7856	7917	0.93	cps
Selenium	78-2	26824	27055	27469	27116	1.20	cps
Silicon	28-1	11685671	11627904	11732506	11682027	0.45	cps
Silver	107-1	7356623	7346545	7470895	7391355	0.93	cps
Silver	109-1	7068064	7021402	7109773	7066413	0.63	cps
Sodium	23-2	32207171	32067869	32187466	32154169	0.23	cps
Strontium	86-1	48275498	48662629	49464996	48801041	1.24	cps
Strontium	88-1	428635020	431651700	429733087	430006602	0.36	cps
Sulfur	34-1	545586	552953	555359	551299	0.92	cps
Terbium	159-1	14348707	14636352	14878350	14621136	1.81	cps
Terbium	159-2	8995215	9092030	9186272	9091172	1.05	cps
Thallium	203-1	6614905	6678207	6629752	6640954	0.50	cps
Thallium	205-1	15722641	16149096	15986591	15952776	1.35	cps
Tin	118-1	5347605	5409251	5415222	5390693	0.69	cps
Titanium	47-1	7080642	7195615	7203408	7159888	0.96	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 05:57:22	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21813572	22533506	22548843	22298641	1.88	cps
Vanadium	51-2	1799104	1834577	1819412	1817698	0.98	cps
Yttrium	89-1	10438056	10824919	10934501	10732492	2.43	cps
Yttrium	89-2	2495005	2515676	2522115	2510932	0.56	cps
Zinc	66-2	3623438	3672469	3664211	3653373	0.72	cps
Zirconium	90-1	10171577	10298216	10306236	10258676	0.74	cps
Zirconium	91-1	2269707	2289250	2326502	2295153	1.26	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:00:07	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11991942	11898864	11968179	11952995	0.40	cps
Antimony	121-1	4838	4741	5041	4873	3.14	cps
Arsenic	75-2	190	170	133	164	17.47	cps
Barium	135-1	3294	3544	3547	3462	4.20	cps
Barium	137-1	6038	5998	5705	5914	3.08	cps
Beryllium	9-1	340	277	253	290	15.46	cps
Bismuth	209-1	7431278	7357937	7358540	7382585	0.57	cps
Bismuth	209-2	5747817	5678284	5663486	5696529	0.79	cps
Bromine	81-1	7108	7322	7022	7151	2.16	cps
Bromine	81-2	43	43	53	47	12.37	cps
Cadmium	108-1	60	53	53	56	6.93	cps
Cadmium	106-1	2950	2890	2817	2886	2.31	cps
Cadmium	111-1	2270	2269	2235	2258	0.90	cps
Calcium	43-1	7338629	7442182	7477776	7419529	0.97	cps
Calcium	44-1	118116035	120798440	120851637	119922037	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8026	8162	8109	8099	0.85	cps
Cobalt	59-2	8166	8542	7742	8150	4.91	cps
Copper	63-2	148844	148269	145993	147702	1.02	cps
Dysprosium	156-1	290	273	233	266	10.97	cps
Dysprosium	156-2	180	230	237	216	14.37	cps
Erbium	164-1	267	267	327	287	12.08	cps
Erbium	164-2	190	173	150	171	11.74	cps
Gadolinium	160-1	223	270	230	241	10.47	cps
Gadolinium	160-2	663	583	573	607	8.13	cps
Holmium	165-1	13194245	12696339	12926544	12939043	1.93	cps
Holmium	165-2	8612701	8666745	8620670	8633372	0.34	cps
Indium	115-1	9338578	8899999	9141309	9126629	2.41	cps
Indium	115-2	3009070	2995568	2998308	3000982	0.24	cps
Iron	56-2	435086887	438979673	437098860	437055140	0.45	cps
Iron	57-2	10964945	10860489	10769053	10864829	0.90	cps
Iron	54-2	23793466	23860861	23736660	23796996	0.26	cps
Krypton	83-1	137	130	123	130	5.13	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:00:07	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6081	5935	5775	5930	2.59	cps
Lead	207-1	5581	5495	5258	5444	3.08	cps
Lead	208-1	24949	24139	23335	24141	3.34	cps
Lithium	6-1	1929045	1933684	1905388	1922706	0.79	cps
Magnesium	24-2	95705729	96076002	95759949	95847226	0.21	cps
Manganese	55-2	8186	8136	7705	8009	3.30	cps
Molybdenum	94-1	6415	6535	6255	6401	2.20	cps
Molybdenum	95-1	7048	6902	6848	6933	1.49	cps
Molybdenum	96-1	12849	12335	12379	12521	2.28	cps
Molybdenum	97-1	4164	4131	4101	4132	0.77	cps
Molybdenum	98-1	10094	10170	10254	10173	0.79	cps
Neodymium	150-1	200	157	160	172	14.00	cps
Neodymium	150-2	103	100	90	98	7.10	cps
Nickel	60-2	3844	3597	3660	3700	3.46	cps
Phosphorus	31-2	167	147	180	164	10.20	cps
Potassium	39-2	59798477	59287731	59724577	59603595	0.46	cps
Rhodium	103-1	7798612	7568194	7663726	7676844	1.51	cps
Rhodium	103-2	4278032	4218906	4217081	4238006	0.82	cps
Scandium	45-1	5026457	4925234	5017572	4989755	1.12	cps
Scandium	45-2	430423	428702	430747	429957	0.26	cps
Selenium	82-1	374	363	361	366	2.04	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	120	120	140	127	9.12	cps
Silicon	28-1	192573	192133	193007	192571	0.23	cps
Silver	107-1	1127	1060	957	1048	8.18	cps
Silver	109-1	1157	990	783	977	19.15	cps
Sodium	23-2	160037088	158134648	160502321	159558019	0.79	cps
Strontium	86-1	8136	7862	7902	7967	1.85	cps
Strontium	88-1	69650	68334	65981	67988	2.73	cps
Sulfur	34-1	116311	118861	119090	118087	1.31	cps
Terbium	159-1	13593158	13169719	13368210	13377029	1.58	cps
Terbium	159-2	8594421	8527837	8572282	8564847	0.40	cps
Thallium	203-1	1047	923	903	958	8.11	cps
Thallium	205-1	2534	2154	2017	2235	11.98	cps
Tin	118-1	6538	6588	6702	6609	1.27	cps
Titanium	47-1	1513	1583	1753	1617	7.63	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:00:07	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1110	1043	890	1014	11.12	cps
Vanadium	51-2	463	320	393	392	18.27	cps
Yttrium	89-1	10131106	9969618	10044771	10048498	0.80	cps
Yttrium	89-2	2397046	2392922	2373049	2387672	0.54	cps
Zinc	66-2	1920	2013	1983	1972	2.42	cps
Zirconium	90-1	6765	6975	6978	6906	1.77	cps
Zirconium	91-1	1497	1440	1383	1440	3.94	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICV012	Instrumnet Name :	P7
Client Sample ID :	ICV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:29:33	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64920	64849	64454	64741	0.39	cps
Antimony	121-1	1287912	1283450	1278819	1283394	0.35	cps
Arsenic	75-2	58026	58173	57735	57978	0.38	cps
Barium	135-1	168649	171000	168692	169447	0.79	cps
Barium	137-1	296371	296373	292588	295111	0.74	cps
Beryllium	9-1	112920	112839	112006	112588	0.45	cps
Bismuth	209-1	9161193	9082378	8922312	9055294	1.34	cps
Bismuth	209-2	6919324	6882341	6873080	6891582	0.36	cps
Bromine	81-1	7145	6892	6998	7012	1.81	cps
Bromine	81-2	23	33	43	33	30.00	cps
Cadmium	108-1	13376	13556	13366	13433	0.80	cps
Cadmium	106-1	17938	17918	17297	17718	2.06	cps
Cadmium	111-1	169041	166993	165468	167167	1.07	cps
Calcium	43-1	38514	37057	36231	37267	3.10	cps
Calcium	44-1	572311	574006	589548	578622	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227083	225967	227174	226742	0.30	cps
Cobalt	59-2	345850	342649	341903	343467	0.61	cps
Copper	63-2	229472	229259	228660	229130	0.18	cps
Dysprosium	156-1	17	13	33	21	50.75	cps
Dysprosium	156-2	20	23	13	19	26.96	cps
Erbium	164-1	97	107	97	100	5.77	cps
Erbium	164-2	63	73	60	66	10.58	cps
Gadolinium	160-1	77	30	57	54	43.00	cps
Gadolinium	160-2	483	417	560	487	14.74	cps
Holmium	165-1	14369594	14155402	14143392	14222796	0.89	cps
Holmium	165-2	9366395	9337076	9270775	9324749	0.53	cps
Indium	115-1	11085881	10925902	10767834	10926539	1.46	cps
Indium	115-2	3531288	3436205	3451983	3473159	1.47	cps
Iron	56-2	3887307	3882446	3868124	3879292	0.26	cps
Iron	57-2	103859	102524	102886	103089	0.67	cps
Iron	54-2	233279	234463	231725	233156	0.59	cps
Krypton	83-1	100	103	87	97	9.12	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICV012	Instrumnet Name :	P7
Client Sample ID :	ICV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:29:33	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1039760	1046262	1037904	1041309	0.42	cps
Lead	207-1	893617	899777	895150	896181	0.36	cps
Lead	208-1	4310820	4355881	4299159	4321953	0.69	cps
Lithium	6-1	2173421	2114236	2113797	2133818	1.61	cps
Magnesium	24-2	256561	254800	256474	255945	0.39	cps
Manganese	55-2	180120	179753	180468	180113	0.20	cps
Molybdenum	94-1	9017720	8888744	8889218	8931894	0.83	cps
Molybdenum	95-1	15866307	15746119	15778866	15797097	0.39	cps
Molybdenum	96-1	16998483	16953891	16855239	16935871	0.43	cps
Molybdenum	97-1	9880648	9904166	9826685	9870500	0.40	cps
Molybdenum	98-1	25712850	25860328	25266025	25613068	1.21	cps
Neodymium	150-1	17	23	27	22	22.91	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	90024	87801	87148	88325	1.71	cps
Phosphorus	31-2	137	107	87	110	22.88	cps
Potassium	39-2	571108	568177	567477	568920	0.34	cps
Rhodium	103-1	10044723	9819638	9728773	9864378	1.65	cps
Rhodium	103-2	5278378	5249850	5159212	5229147	1.19	cps
Scandium	45-1	5877878	5722407	5673764	5758016	1.85	cps
Scandium	45-2	473006	471684	471391	472027	0.18	cps
Selenium	82-1	19768	19433	19494	19565	0.91	cps
Selenium	77-2	1687	1907	1790	1795	6.13	cps
Selenium	78-2	6168	6105	6021	6098	1.21	cps
Silicon	28-1	143931	141196	143285	142804	1.00	cps
Silver	107-1	387492	383158	385876	385509	0.57	cps
Silver	109-1	371359	371843	368944	370715	0.42	cps
Sodium	23-2	709132	713459	714260	712284	0.39	cps
Strontium	86-1	26426260	26454492	26394790	26425181	0.11	cps
Strontium	88-1	232086903	231124317	229647023	230952748	0.53	cps
Sulfur	34-1	138568	137701	136614	137627	0.71	cps
Terbium	159-1	14841284	14729073	14612129	14727496	0.78	cps
Terbium	159-2	9243617	9146370	9202946	9197644	0.53	cps
Thallium	203-1	1339648	1353025	1346241	1346305	0.50	cps
Thallium	205-1	3506128	3534501	3491250	3510626	0.63	cps
Tin	118-1	1863	1773	1807	1815	2.51	cps
Titanium	47-1	333	310	270	304	10.52	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICV012	Instrumnet Name :	P7
Client Sample ID :	ICV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:29:33	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170	143	137	150	11.76	cps
Vanadium	51-2	195654	195063	195680	195465	0.18	cps
Yttrium	89-1	11675362	11584967	11568258	11609529	0.50	cps
Yttrium	89-2	2710305	2663225	2662198	2678576	1.03	cps
Zinc	66-2	80505	80224	81313	80681	0.70	cps
Zirconium	90-1	880	843	807	843	4.35	cps
Zirconium	91-1	260	277	320	286	10.85	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICB012	Instrumnet Name :	P7
Client Sample ID :	ICB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:40:32	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	47	57	58	20.26	cps
Antimony	121-1	147	220	327	231	39.16	cps
Arsenic	75-2	7	0	10	6	91.64	cps
Barium	135-1	37	23	50	37	36.37	cps
Barium	137-1	70	60	40	57	26.96	cps
Beryllium	9-1	53	70	83	69	21.82	cps
Bismuth	209-1	9066477	9033074	8809033	8969528	1.56	cps
Bismuth	209-2	6990293	6999304	6908273	6965957	0.72	cps
Bromine	81-1	8119	7966	7896	7993	1.43	cps
Bromine	81-2	30	30	40	33	17.32	cps
Cadmium	108-1	10	3	7	7	50.03	cps
Cadmium	106-1	3097	3074	2864	3011	4.27	cps
Cadmium	111-1	2168	2156	2013	2112	4.07	cps
Calcium	43-1	180	203	140	174	18.42	cps
Calcium	44-1	2921	3092	2814	2942	4.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	400	320	313	344	14.00	cps
Cobalt	59-2	63	80	90	78	17.32	cps
Copper	63-2	543	540	457	513	9.57	cps
Dysprosium	156-1	33	7	10	17	87.16	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	57	107	77	80	31.46	cps
Erbium	164-2	40	83	53	59	37.69	cps
Gadolinium	160-1	40	47	40	42	9.12	cps
Gadolinium	160-2	463	543	487	498	8.26	cps
Holmium	165-1	14358671	14077987	13959816	14132158	1.45	cps
Holmium	165-2	9355587	9379549	9250054	9328396	0.74	cps
Indium	115-1	11158175	10978805	10953287	11030089	1.01	cps
Indium	115-2	3602989	3544441	3516551	3554660	1.24	cps
Iron	56-2	7735	7915	7819	7823	1.15	cps
Iron	57-2	733	737	877	782	10.46	cps
Iron	54-2	1107	1027	1083	1072	3.84	cps
Krypton	83-1	87	113	117	106	15.58	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICB012	Instrumnet Name :	P7
Client Sample ID :	ICB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:40:32	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	477	500	557	511	8.05	cps
Lead	207-1	403	350	393	382	7.42	cps
Lead	208-1	1777	1823	1970	1857	5.43	cps
Lithium	6-1	2203334	2157253	2177503	2179363	1.06	cps
Magnesium	24-2	657	603	727	662	9.34	cps
Manganese	55-2	180	173	210	188	10.40	cps
Molybdenum	94-1	283	313	353	317	11.09	cps
Molybdenum	95-1	180	193	230	201	12.87	cps
Molybdenum	96-1	263	193	253	237	16.00	cps
Molybdenum	97-1	90	73	117	93	23.42	cps
Molybdenum	98-1	237	230	360	276	26.57	cps
Neodymium	150-1	13	7	17	12	41.65	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	63	77	67	69	10.08	cps
Phosphorus	31-2	137	107	133	126	13.10	cps
Potassium	39-2	36524	35983	36617	36375	0.94	cps
Rhodium	103-1	10112762	9943576	9981508	10012615	0.89	cps
Rhodium	103-2	5404667	5392473	5353523	5383554	0.50	cps
Scandium	45-1	5940240	5893980	5876575	5903598	0.56	cps
Scandium	45-2	489405	488137	488268	488603	0.14	cps
Selenium	82-1	353	300	360	338	9.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	170	97	129	29.07	cps
Silicon	28-1	144503	147659	145607	145923	1.10	cps
Silver	107-1	120	70	60	83	38.57	cps
Silver	109-1	67	27	37	43	48.03	cps
Sodium	23-2	10117	10107	10157	10127	0.26	cps
Strontium	86-1	297	273	340	303	11.15	cps
Strontium	88-1	760	673	940	791	17.20	cps
Sulfur	34-1	145555	146481	146672	146236	0.41	cps
Terbium	159-1	15002034	14689604	14646811	14779483	1.31	cps
Terbium	159-2	9356466	9209818	9276720	9281001	0.79	cps
Thallium	203-1	117	170	140	142	18.80	cps
Thallium	205-1	327	320	387	344	10.66	cps
Tin	118-1	517	470	493	493	4.73	cps
Titanium	47-1	127	97	130	118	15.59	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICB012	Instrumnet Name :	P7
Client Sample ID :	ICB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:40:32	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	0	3	3	2	86.60	cps
Vanadium	51-2	7	0	0	2	173.21	cps
Yttrium	89-1	11798621	11616707	11573881	11663070	1.02	cps
Yttrium	89-2	2728319	2717674	2698600	2714864	0.55	cps
Zinc	66-2	297	270	293	287	5.07	cps
Zirconium	90-1	567	637	623	609	6.10	cps
Zirconium	91-1	140	127	107	124	13.48	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSA012	Instrumnet Name :	P7
Client Sample ID :	ICSA012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:44:22	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11406668	11286993	11322863	11338841	0.54	cps
Antimony	121-1	7445	7189	7322	7319	1.75	cps
Arsenic	75-2	87	123	107	106	17.39	cps
Barium	135-1	2370	2487	2430	2429	2.40	cps
Barium	137-1	4011	4247	4204	4154	3.03	cps
Beryllium	9-1	397	347	377	373	6.74	cps
Bismuth	209-1	8276662	8444032	8339743	8353479	1.01	cps
Bismuth	209-2	6319210	6288554	6269490	6292418	0.40	cps
Bromine	81-1	7896	7599	7632	7709	2.11	cps
Bromine	81-2	120	140	133	131	7.77	cps
Cadmium	108-1	990	953	863	936	6.97	cps
Cadmium	106-1	2934	2840	2717	2830	3.84	cps
Cadmium	111-1	2537	2494	2411	2481	2.59	cps
Calcium	43-1	1525479	1518652	1485830	1509987	1.40	cps
Calcium	44-1	24457875	24116013	23960785	24178224	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41871	43008	42770	42550	1.41	cps
Cobalt	59-2	3994	4104	4127	4075	1.75	cps
Copper	63-2	17267	17283	17460	17337	0.62	cps
Dysprosium	156-1	50	30	30	37	31.49	cps
Dysprosium	156-2	13	20	23	19	26.96	cps
Erbium	164-1	163	123	120	136	17.79	cps
Erbium	164-2	100	77	90	89	13.17	cps
Gadolinium	160-1	87	63	70	73	16.39	cps
Gadolinium	160-2	477	483	523	494	5.10	cps
Holmium	165-1	13757042	13801021	13905257	13821107	0.55	cps
Holmium	165-2	9004027	8942072	8914697	8953599	0.51	cps
Indium	115-1	10070334	10028486	9934694	10011171	0.69	cps
Indium	115-2	3146101	3156790	3148675	3150522	0.18	cps
Iron	56-2	185583457	185504811	186379757	185822675	0.26	cps
Iron	57-2	4564456	4591843	4632003	4596101	0.74	cps
Iron	54-2	10039241	10151239	10053876	10081452	0.60	cps
Krypton	83-1	140	107	117	121	14.12	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSA012	Instrumnet Name :	P7
Client Sample ID :	ICSA012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:44:22	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22485	22385	22222	22364	0.60	cps
Lead	207-1	18072	17969	18629	18223	1.95	cps
Lead	208-1	84809	85388	86143	85447	0.78	cps
Lithium	6-1	2008650	2021625	2018935	2016403	0.34	cps
Magnesium	24-2	19510404	19289287	19500865	19433519	0.64	cps
Manganese	55-2	13373	13136	13399	13303	1.09	cps
Molybdenum	94-1	3304533	3260066	3278871	3281157	0.68	cps
Molybdenum	95-1	5883371	5851607	5837659	5857545	0.40	cps
Molybdenum	96-1	6341876	6174112	6250723	6255570	1.34	cps
Molybdenum	97-1	3692519	3635865	3636702	3655029	0.89	cps
Molybdenum	98-1	9598458	9476124	9481169	9518584	0.73	cps
Neodymium	150-1	47	43	40	43	7.70	cps
Neodymium	150-2	10	7	33	17	87.16	cps
Nickel	60-2	4517	4324	4307	4383	2.66	cps
Phosphorus	31-2	621314	617637	620709	619887	0.32	cps
Potassium	39-2	23896614	23732964	24113105	23914228	0.80	cps
Rhodium	103-1	8725128	8590418	8489113	8601553	1.38	cps
Rhodium	103-2	4621283	4684340	4660268	4655297	0.68	cps
Scandium	45-1	5292037	5184703	5099232	5191991	1.86	cps
Scandium	45-2	435476	432592	430445	432838	0.58	cps
Selenium	82-1	245	297	286	276	9.88	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	123	90	113	109	15.71	cps
Silicon	28-1	198764	194092	192606	195154	1.65	cps
Silver	107-1	457	530	540	509	8.94	cps
Silver	109-1	527	493	533	518	4.14	cps
Sodium	23-2	32755974	32309710	32676681	32580788	0.73	cps
Strontium	86-1	67129	67708	66924	67254	0.60	cps
Strontium	88-1	585166	585544	587180	585963	0.18	cps
Sulfur	34-1	2302127	2237376	2276178	2271894	1.43	cps
Terbium	159-1	14300131	14462927	14343637	14368899	0.59	cps
Terbium	159-2	8971688	8879981	8826955	8892875	0.82	cps
Thallium	203-1	620	957	1103	893	27.74	cps
Thallium	205-1	1637	2237	2734	2202	24.94	cps
Tin	118-1	1480	1657	1707	1615	7.38	cps
Titanium	47-1	1411460	1408928	1403095	1407827	0.30	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSA012	Instrumnet Name :	P7
Client Sample ID :	ICSA012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:44:22	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	353	320	310	328	6.92	cps
Vanadium	51-2	363	303	390	352	12.60	cps
Yttrium	89-1	10570184	10637283	10637724	10615064	0.37	cps
Yttrium	89-2	2460379	2479958	2442203	2460847	0.77	cps
Zinc	66-2	4611	4731	4544	4629	2.04	cps
Zirconium	90-1	1177	1173	1080	1143	4.80	cps
Zirconium	91-1	203	200	260	221	15.25	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSAB012	Instrumnet Name :	P7
Client Sample ID :	ICSAB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:47:27	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11452588	11648741	11622472	11574601	0.92	cps
Antimony	121-1	136143	138391	138264	137600	0.92	cps
Arsenic	75-2	5684	5704	5578	5656	1.20	cps
Barium	135-1	36116	36680	36931	36576	1.14	cps
Barium	137-1	61884	63471	64177	63177	1.86	cps
Beryllium	9-1	22086	22216	22520	22274	1.00	cps
Bismuth	209-1	8447757	8561682	8443158	8484199	0.79	cps
Bismuth	209-2	6469514	6439919	6409638	6439691	0.46	cps
Bromine	81-1	7942	7642	7535	7707	2.74	cps
Bromine	81-2	143	193	173	170	14.80	cps
Cadmium	108-1	2900	2667	2884	2817	4.62	cps
Cadmium	106-1	5708	5795	5608	5703	1.64	cps
Cadmium	111-1	33423	33857	33926	33735	0.81	cps
Calcium	43-1	1527154	1532101	1549680	1536312	0.77	cps
Calcium	44-1	24490301	24919811	24783663	24731259	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86080	86694	86506	86427	0.36	cps
Cobalt	59-2	69788	69024	69584	69465	0.57	cps
Copper	63-2	61321	60977	60940	61079	0.34	cps
Dysprosium	156-1	47	37	27	37	27.27	cps
Dysprosium	156-2	30	23	20	24	20.83	cps
Erbium	164-1	120	147	127	131	10.59	cps
Erbium	164-2	80	63	63	69	13.97	cps
Gadolinium	160-1	83	73	47	68	27.96	cps
Gadolinium	160-2	470	440	443	451	3.65	cps
Holmium	165-1	14292236	14232626	14286536	14270466	0.23	cps
Holmium	165-2	9173325	9233221	9084911	9163819	0.81	cps
Indium	115-1	10195933	10234090	10198582	10209535	0.21	cps
Indium	115-2	3228642	3256219	3219885	3234915	0.59	cps
Iron	56-2	187613191	189623084	190043457	189093244	0.69	cps
Iron	57-2	4599464	4644485	4717766	4653905	1.28	cps
Iron	54-2	10236037	10212365	10298166	10248856	0.43	cps
Krypton	83-1	83	70	90	81	12.55	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSAB012	Instrumnet Name :	P7
Client Sample ID :	ICSAB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:47:27	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	122008	120892	121783	121561	0.49	cps
Lead	207-1	103900	104538	104249	104229	0.31	cps
Lead	208-1	474430	473936	476549	474972	0.29	cps
Lithium	6-1	2039013	2053499	2042249	2044920	0.37	cps
Magnesium	24-2	19696139	19909772	19877982	19827964	0.58	cps
Manganese	55-2	47284	47250	47926	47487	0.80	cps
Molybdenum	94-1	3389352	3398885	3385353	3391197	0.21	cps
Molybdenum	95-1	5929754	6018654	5964829	5971079	0.75	cps
Molybdenum	96-1	6388190	6364820	6407294	6386768	0.33	cps
Molybdenum	97-1	3732729	3766078	3741542	3746783	0.46	cps
Molybdenum	98-1	9632970	9783883	9738345	9718399	0.80	cps
Neodymium	150-1	23	43	37	34	29.57	cps
Neodymium	150-2	27	17	13	19	36.75	cps
Nickel	60-2	20074	20204	20537	20272	1.18	cps
Phosphorus	31-2	628189	630491	632457	630379	0.34	cps
Potassium	39-2	24404073	24429098	24359942	24397704	0.14	cps
Rhodium	103-1	8709584	8744691	8752779	8735685	0.26	cps
Rhodium	103-2	4762169	4719745	4785521	4755812	0.70	cps
Scandium	45-1	5223634	5241376	5257520	5240844	0.32	cps
Scandium	45-2	440734	444067	438487	441096	0.64	cps
Selenium	82-1	2102	2172	2223	2166	2.79	cps
Selenium	77-2	157	170	167	164	4.22	cps
Selenium	78-2	653	643	707	668	5.10	cps
Silicon	28-1	198081	202485	203761	201442	1.48	cps
Silver	107-1	143888	145760	146352	145333	0.89	cps
Silver	109-1	136502	140031	138979	138504	1.31	cps
Sodium	23-2	32974090	33477719	33091089	33180966	0.79	cps
Strontium	86-1	68602	69413	69125	69046	0.60	cps
Strontium	88-1	599294	604918	604645	602952	0.53	cps
Sulfur	34-1	2312053	2304719	2323281	2313351	0.40	cps
Terbium	159-1	14870445	14666864	14705958	14747756	0.73	cps
Terbium	159-2	9075694	9087016	9097625	9086778	0.12	cps
Thallium	203-1	125404	124480	127032	125639	1.03	cps
Thallium	205-1	295763	298707	301421	298630	0.95	cps
Tin	118-1	1493	1523	1360	1459	5.96	cps
Titanium	47-1	1419355	1440397	1453985	1437913	1.21	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	ICSAB012	Instrumnet Name :	P7
Client Sample ID :	ICSAB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:47:27	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	290	280	313	294	5.81	cps
Vanadium	51-2	38666	38980	38947	38864	0.44	cps
Yttrium	89-1	10778426	10800368	10778084	10785626	0.12	cps
Yttrium	89-2	2497450	2553382	2553725	2534852	1.28	cps
Zinc	66-2	12569	12462	12298	12443	1.09	cps
Zirconium	90-1	890	973	923	929	4.52	cps
Zirconium	91-1	147	213	237	199	23.48	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:50:31	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6060160	6011938	6017508	6029869	0.44	cps
Antimony	121-1	3092931	3131203	3146340	3123491	0.88	cps
Arsenic	75-2	136975	137547	138552	137691	0.58	cps
Barium	135-1	4318599	4391009	4316130	4341913	0.98	cps
Barium	137-1	7450517	7439444	7502254	7464072	0.45	cps
Beryllium	9-1	506818	523346	521072	517079	1.73	cps
Bismuth	209-1	8255996	8411336	8378807	8348713	0.98	cps
Bismuth	209-2	6197002	6251925	6283538	6244155	0.70	cps
Bromine	81-1	6725	7168	6818	6904	3.39	cps
Bromine	81-2	33	47	33	38	20.39	cps
Cadmium	108-1	56774	57219	57359	57117	0.54	cps
Cadmium	106-1	83940	83773	84028	83914	0.15	cps
Cadmium	111-1	763144	771709	766468	767107	0.56	cps
Calcium	43-1	3760528	3841580	3794901	3799003	1.07	cps
Calcium	44-1	60582601	61242027	61637125	61153918	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1050495	1039505	1038207	1042736	0.65	cps
Cobalt	59-2	1584259	1553618	1523928	1553935	1.94	cps
Copper	63-2	10904915	10982016	10897702	10928211	0.43	cps
Dysprosium	156-1	273	233	273	260	8.88	cps
Dysprosium	156-2	247	230	300	259	14.13	cps
Erbium	164-1	223	257	187	222	15.76	cps
Erbium	164-2	150	170	133	151	12.15	cps
Gadolinium	160-1	177	247	150	191	26.12	cps
Gadolinium	160-2	533	570	520	541	4.79	cps
Holmium	165-1	14151723	14109975	13951275	14070991	0.75	cps
Holmium	165-2	9074769	9121817	9058299	9084962	0.36	cps
Indium	115-1	9988234	9885339	9905480	9926351	0.55	cps
Indium	115-2	3130276	3150104	3212395	3164258	1.35	cps
Iron	56-2	230565310	228851617	231049057	230155328	0.50	cps
Iron	57-2	5767455	5684896	5659043	5703798	0.99	cps
Iron	54-2	12493159	12315410	12495851	12434807	0.83	cps
Krypton	83-1	140	107	107	118	16.34	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:50:31	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12694016	12777028	12777258	12749434	0.38	cps
Lead	207-1	11346700	11450675	11566130	11454502	0.96	cps
Lead	208-1	51031810	51553148	51907509	51497489	0.86	cps
Lithium	6-1	2021164	2014714	2042967	2026282	0.73	cps
Magnesium	24-2	47824516	48412091	48161981	48132863	0.61	cps
Manganese	55-2	8329427	8253280	8337800	8306836	0.56	cps
Molybdenum	94-1	10726859	10859117	10834287	10806754	0.65	cps
Molybdenum	95-1	15549914	15779390	15772392	15700565	0.83	cps
Molybdenum	96-1	16932638	17297411	17148488	17126179	1.07	cps
Molybdenum	97-1	9705334	9881928	9814392	9800551	0.91	cps
Molybdenum	98-1	25310430	25556381	25552273	25473028	0.55	cps
Neodymium	150-1	323	283	283	297	7.78	cps
Neodymium	150-2	130	100	113	114	13.13	cps
Nickel	60-2	378258	373953	376334	376182	0.57	cps
Phosphorus	31-2	61275	61289	59793	60786	1.41	cps
Potassium	39-2	30396121	30331630	29938355	30222036	0.82	cps
Rhodium	103-1	8555363	8484920	8487744	8509342	0.47	cps
Rhodium	103-2	4641512	4629125	4585666	4618768	0.63	cps
Scandium	45-1	5226367	5209635	5224826	5220276	0.18	cps
Scandium	45-2	442385	442599	438469	441151	0.53	cps
Selenium	82-1	43432	44287	44679	44133	1.44	cps
Selenium	77-2	4097	3861	3861	3939	3.47	cps
Selenium	78-2	13600	13476	13146	13407	1.75	cps
Silicon	28-1	6228004	6378709	6352031	6319581	1.27	cps
Silver	107-1	3551400	3619628	3566804	3579277	1.00	cps
Silver	109-1	3353880	3404958	3363157	3373998	0.81	cps
Sodium	23-2	81294747	81579105	81618272	81497375	0.22	cps
Strontium	86-1	24129848	24327876	24431042	24296255	0.63	cps
Strontium	88-1	211394217	214816217	212990203	213066879	0.80	cps
Sulfur	34-1	328767	330249	332486	330501	0.57	cps
Terbium	159-1	14431307	14433147	14413882	14426112	0.07	cps
Terbium	159-2	8953925	9033483	9011308	8999572	0.46	cps
Thallium	203-1	3257779	3241620	3220902	3240100	0.57	cps
Thallium	205-1	7765755	7699663	7705782	7723734	0.47	cps
Tin	118-1	2635594	2653945	2696217	2661918	1.17	cps
Titanium	47-1	3587196	3673833	3664822	3641950	1.31	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:50:31	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10985454	11098139	11040162	11041252	0.51	cps
Vanadium	51-2	945621	941243	932479	939781	0.71	cps
Yttrium	89-1	10828881	10767993	10763412	10786762	0.34	cps
Yttrium	89-2	2501216	2532907	2526533	2520219	0.67	cps
Zinc	66-2	1840625	1856821	1848086	1848511	0.44	cps
Zirconium	90-1	5149454	5171616	5204690	5175253	0.54	cps
Zirconium	91-1	1150024	1170401	1170973	1163799	1.03	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:53:18	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	233	317	263	17.59	cps
Antimony	121-1	2414	2447	2677	2512	5.71	cps
Arsenic	75-2	7	7	13	9	43.25	cps
Barium	135-1	290	157	103	183	52.45	cps
Barium	137-1	513	263	183	320	53.79	cps
Beryllium	9-1	213	133	123	157	31.49	cps
Bismuth	209-1	9650067	9407482	9433372	9496973	1.40	cps
Bismuth	209-2	7343764	7156934	7240932	7247210	1.29	cps
Bromine	81-1	6945	6955	7048	6983	0.82	cps
Bromine	81-2	40	23	33	32	26.04	cps
Cadmium	108-1	37	0	27	21	89.78	cps
Cadmium	106-1	3404	2987	3220	3204	6.52	cps
Cadmium	111-1	2450	2174	2272	2299	6.09	cps
Calcium	43-1	393	252	222	289	31.64	cps
Calcium	44-1	6217	4604	4294	5038	20.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	357	420	397	391	8.19	cps
Cobalt	59-2	133	123	117	124	6.74	cps
Copper	63-2	1197	1090	1053	1113	6.69	cps
Dysprosium	156-1	27	33	17	26	32.81	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	127	120	113	120	5.56	cps
Erbium	164-2	80	60	57	66	19.25	cps
Gadolinium	160-1	87	43	73	68	32.75	cps
Gadolinium	160-2	460	557	527	514	9.62	cps
Holmium	165-1	15068558	14575417	14367078	14670351	2.46	cps
Holmium	165-2	9824632	9532567	9583218	9646806	1.62	cps
Indium	115-1	11350918	10918666	10937231	11068938	2.21	cps
Indium	115-2	3625267	3548695	3559583	3577848	1.16	cps
Iron	56-2	15291	15435	16039	15588	2.54	cps
Iron	57-2	767	870	993	877	12.95	cps
Iron	54-2	1390	1527	1477	1465	4.72	cps
Krypton	83-1	83	87	93	88	5.80	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:53:18	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1547	1310	1043	1300	19.37	cps
Lead	207-1	1463	1053	963	1160	22.98	cps
Lead	208-1	6341	4894	4280	5172	20.46	cps
Lithium	6-1	2249211	2170935	2163146	2194431	2.17	cps
Magnesium	24-2	1867	2100	2177	2048	7.89	cps
Manganese	55-2	363	443	510	439	16.73	cps
Molybdenum	94-1	1237	920	1047	1068	14.93	cps
Molybdenum	95-1	1377	993	940	1103	21.59	cps
Molybdenum	96-1	1557	1130	1233	1307	17.04	cps
Molybdenum	97-1	907	587	610	701	25.45	cps
Molybdenum	98-1	2297	1663	1587	1849	21.08	cps
Neodymium	150-1	13	20	17	17	20.01	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	73	60	80	71	14.32	cps
Phosphorus	31-2	140	117	120	126	10.05	cps
Potassium	39-2	37058	37035	36667	36920	0.59	cps
Rhodium	103-1	10092235	9792128	9783092	9889151	1.78	cps
Rhodium	103-2	5490287	5402895	5386841	5426674	1.03	cps
Scandium	45-1	5691898	5490349	5626859	5603035	1.84	cps
Scandium	45-2	483793	477328	477409	479510	0.77	cps
Selenium	82-1	330	338	325	331	1.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	137	127	123	12.39	cps
Silicon	28-1	136766	135979	135758	136168	0.39	cps
Silver	107-1	653	487	350	497	30.59	cps
Silver	109-1	577	390	313	427	31.75	cps
Sodium	23-2	21181	21512	21265	21319	0.81	cps
Strontium	86-1	1490	807	610	969	47.67	cps
Strontium	88-1	10831	5211	4051	6698	54.15	cps
Sulfur	34-1	119624	122338	122553	121505	1.34	cps
Terbium	159-1	15614502	15277831	15117719	15336684	1.65	cps
Terbium	159-2	9625259	9571350	9537402	9578004	0.46	cps
Thallium	203-1	803	693	543	680	19.19	cps
Thallium	205-1	1680	1303	1330	1438	14.62	cps
Tin	118-1	1003	1090	2243	1445	47.86	cps
Titanium	47-1	363	220	243	276	27.91	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:53:18	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	497	253	240	330	43.79	cps
Vanadium	51-2	20	30	30	27	21.65	cps
Yttrium	89-1	11719475	11341122	11412460	11491019	1.75	cps
Yttrium	89-2	2781953	2678842	2724977	2728591	1.89	cps
Zinc	66-2	343	293	283	307	10.48	cps
Zirconium	90-1	1480	1143	1383	1336	12.98	cps
Zirconium	91-1	283	323	317	308	6.96	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BL	Instrumnet Name :	P7
Client Sample ID :	PBS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:58:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	100	87	97	9.12	cps
Antimony	121-1	410	493	450	451	9.24	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	40	30	20	30	33.33	cps
Barium	137-1	87	77	113	92	20.55	cps
Beryllium	9-1	110	127	100	112	12.01	cps
Bismuth	209-1	9599348	9325337	9459512	9461399	1.45	cps
Bismuth	209-2	7149796	7216811	7142866	7169824	0.57	cps
Bromine	81-1	7712	7835	8206	7918	3.24	cps
Bromine	81-2	43	37	53	44	18.87	cps
Cadmium	108-1	10	13	13	12	15.73	cps
Cadmium	106-1	3147	3100	3130	3126	0.76	cps
Cadmium	111-1	2219	2168	2205	2197	1.22	cps
Calcium	43-1	213	206	146	189	19.45	cps
Calcium	44-1	3245	3325	3079	3216	3.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317	263	367	316	16.38	cps
Cobalt	59-2	90	63	77	77	17.39	cps
Copper	63-2	780	687	697	721	7.11	cps
Dysprosium	156-1	13	20	13	16	24.76	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	110	90	87	96	13.21	cps
Erbium	164-2	57	87	47	63	32.87	cps
Gadolinium	160-1	60	47	63	57	15.56	cps
Gadolinium	160-2	453	490	450	464	4.78	cps
Holmium	165-1	14975549	14740255	14640861	14785555	1.16	cps
Holmium	165-2	9664464	9736351	9582779	9661198	0.80	cps
Indium	115-1	11441038	11248244	11271442	11320241	0.93	cps
Indium	115-2	3639267	3627284	3563424	3609992	1.13	cps
Iron	56-2	8696	9006	8816	8839	1.77	cps
Iron	57-2	843	820	790	818	3.27	cps
Iron	54-2	1220	1097	1093	1137	6.35	cps
Krypton	83-1	87	97	127	103	20.14	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BL	Instrumnet Name :	P7
Client Sample ID :	PBS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:58:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	667	700	690	686	2.49	cps
Lead	207-1	677	557	560	598	11.43	cps
Lead	208-1	2860	2660	2580	2700	5.34	cps
Lithium	6-1	2254633	2229626	2209666	2231308	1.01	cps
Magnesium	24-2	827	787	907	840	7.27	cps
Manganese	55-2	223	220	177	207	12.60	cps
Molybdenum	94-1	393	333	437	388	13.38	cps
Molybdenum	95-1	197	157	197	183	12.60	cps
Molybdenum	96-1	310	270	297	292	6.97	cps
Molybdenum	97-1	157	123	120	133	15.21	cps
Molybdenum	98-1	273	320	353	316	12.73	cps
Neodymium	150-1	17	0	10	9	94.38	cps
Neodymium	150-2	3	0	20	8	137.80	cps
Nickel	60-2	57	93	60	70	28.96	cps
Phosphorus	31-2	120	157	100	126	22.89	cps
Potassium	39-2	35652	36293	35942	35962	0.89	cps
Rhodium	103-1	10232805	10312214	10168222	10237747	0.70	cps
Rhodium	103-2	5457039	5517552	5496445	5490345	0.56	cps
Scandium	45-1	5847131	5847453	5820911	5838499	0.26	cps
Scandium	45-2	488018	491636	485589	488414	0.62	cps
Selenium	82-1	385	345	289	340	14.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	120	153	131	14.68	cps
Silicon	28-1	138720	139367	139070	139052	0.23	cps
Silver	107-1	163	127	130	140	14.48	cps
Silver	109-1	113	93	100	102	9.97	cps
Sodium	23-2	15178	14807	14757	14914	1.54	cps
Strontium	86-1	270	213	267	250	12.72	cps
Strontium	88-1	723	550	503	592	19.57	cps
Sulfur	34-1	133167	132455	133558	133060	0.42	cps
Terbium	159-1	15487419	15181336	15261551	15310102	1.04	cps
Terbium	159-2	9550076	9603290	9442653	9532006	0.86	cps
Thallium	203-1	283	240	267	263	8.30	cps
Thallium	205-1	663	560	607	610	8.48	cps
Tin	118-1	543	507	613	554	9.77	cps
Titanium	47-1	150	113	123	129	14.71	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BL	Instrumnet Name :	P7
Client Sample ID :	PBS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 06:58:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	43	17	31	43.29	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	11889114	11753628	11669020	11770587	0.94	cps
Yttrium	89-2	2750392	2758510	2757222	2755375	0.16	cps
Zinc	66-2	217	287	297	267	16.35	cps
Zirconium	90-1	770	727	813	770	5.63	cps
Zirconium	91-1	163	133	180	159	14.89	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BL	Instrumnet Name :	P7
Client Sample ID :	PBW848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:04:38	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	110	73	93	19.89	cps
Antimony	121-1	160	207	307	224	33.39	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	43	47	40	43	7.70	cps
Barium	137-1	63	60	57	60	5.55	cps
Beryllium	9-1	63	67	67	66	2.94	cps
Bismuth	209-1	9425692	9384193	9353912	9387932	0.38	cps
Bismuth	209-2	7213543	7112001	7059618	7128387	1.10	cps
Bromine	81-1	8072	8199	8389	8220	1.94	cps
Bromine	81-2	43	33	57	44	26.35	cps
Cadmium	108-1	7	10	7	8	24.71	cps
Cadmium	106-1	3384	3570	3407	3454	2.95	cps
Cadmium	111-1	2381	2499	2397	2426	2.64	cps
Calcium	43-1	200	187	163	183	10.13	cps
Calcium	44-1	3126	2913	2883	2974	4.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317	327	293	312	5.48	cps
Cobalt	59-2	83	73	80	79	6.45	cps
Copper	63-2	640	623	610	624	2.41	cps
Dysprosium	156-1	13	20	37	23	51.52	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	110	97	143	117	20.60	cps
Erbium	164-2	63	90	60	71	23.12	cps
Gadolinium	160-1	50	40	60	50	20.00	cps
Gadolinium	160-2	570	480	483	511	9.98	cps
Holmium	165-1	15040382	14696105	14632625	14789704	1.48	cps
Holmium	165-2	9605369	9570445	9462339	9546051	0.78	cps
Indium	115-1	11520674	11530725	11476858	11509419	0.25	cps
Indium	115-2	3669383	3663182	3563170	3631912	1.64	cps
Iron	56-2	7865	8022	7976	7954	1.01	cps
Iron	57-2	723	693	743	720	3.50	cps
Iron	54-2	1220	1123	1000	1114	9.89	cps
Krypton	83-1	90	83	100	91	9.21	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BL	Instrumnet Name :	P7
Client Sample ID :	PBW848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:04:38	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	493	483	557	511	7.78	cps
Lead	207-1	457	467	413	446	6.36	cps
Lead	208-1	2040	1977	2000	2006	1.60	cps
Lithium	6-1	2275150	2254922	2198877	2242983	1.76	cps
Magnesium	24-2	747	767	780	764	2.20	cps
Manganese	55-2	213	177	250	213	17.19	cps
Molybdenum	94-1	310	290	307	302	3.54	cps
Molybdenum	95-1	107	67	77	83	24.98	cps
Molybdenum	96-1	180	163	190	178	7.58	cps
Molybdenum	97-1	60	70	83	71	16.46	cps
Molybdenum	98-1	163	157	127	149	13.12	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	80	63	77	73	12.03	cps
Phosphorus	31-2	97	127	133	119	16.43	cps
Potassium	39-2	36895	35912	37449	36752	2.12	cps
Rhodium	103-1	10450942	10406518	10322355	10393272	0.63	cps
Rhodium	103-2	5594890	5503761	5491094	5529915	1.02	cps
Scandium	45-1	6033924	5994418	5951325	5993223	0.69	cps
Scandium	45-2	496607	496628	495131	496122	0.17	cps
Selenium	82-1	340	435	349	375	14.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	170	153	147	18.60	cps
Silicon	28-1	141283	142888	142615	142262	0.60	cps
Silver	107-1	200	180	163	181	10.13	cps
Silver	109-1	117	150	133	133	12.50	cps
Sodium	23-2	12455	12488	11825	12256	3.05	cps
Strontium	86-1	230	177	183	197	14.77	cps
Strontium	88-1	177	220	207	201	11.04	cps
Sulfur	34-1	142843	141774	142514	142377	0.38	cps
Terbium	159-1	15585699	15373237	15175064	15378000	1.34	cps
Terbium	159-2	9594671	9566543	9376126	9512447	1.25	cps
Thallium	203-1	200	200	190	197	2.94	cps
Thallium	205-1	523	440	553	506	11.62	cps
Tin	118-1	530	510	623	554	10.91	cps
Titanium	47-1	97	120	87	101	16.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BL	Instrumnet Name :	P7
Client Sample ID :	PBW848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:04:38	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	13	7	9	43.25	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	12222864	11988507	12015682	12075685	1.06	cps
Yttrium	89-2	2861572	2784235	2776866	2807558	1.67	cps
Zinc	66-2	250	267	257	258	3.25	cps
Zirconium	90-1	700	657	753	703	6.88	cps
Zirconium	91-1	177	163	163	168	4.59	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BS	Instrumnet Name :	P7
Client Sample ID :	LCS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:13:11	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5948	5831	5521	5767	3.83	cps
Antimony	121-1	27456	27570	27283	27436	0.53	cps
Arsenic	75-2	683	600	710	664	8.64	cps
Barium	135-1	34465	34966	34652	34694	0.73	cps
Barium	137-1	58985	59199	60394	59526	1.28	cps
Beryllium	9-1	2484	2467	2277	2409	4.77	cps
Bismuth	209-1	8411940	9203358	9033469	8882922	4.69	cps
Bismuth	209-2	7122137	7027317	7078910	7076121	0.67	cps
Bromine	81-1	8312	7772	7949	8011	3.44	cps
Bromine	81-2	67	67	63	66	2.94	cps
Cadmium	108-1	283	300	243	276	10.57	cps
Cadmium	106-1	3217	3300	3417	3312	3.03	cps
Cadmium	111-1	5657	5727	5635	5673	0.85	cps
Calcium	43-1	18405	17821	18018	18081	1.64	cps
Calcium	44-1	290881	292417	292238	291845	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11248	10957	11124	11110	1.31	cps
Cobalt	59-2	7268	7709	7672	7550	3.24	cps
Copper	63-2	11324	11561	11515	11467	1.09	cps
Dysprosium	156-1	20	10	37	22	60.63	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	90	93	73	86	12.53	cps
Erbium	164-2	63	60	47	57	15.56	cps
Gadolinium	160-1	60	60	40	53	21.65	cps
Gadolinium	160-2	517	460	520	499	6.76	cps
Holmium	165-1	13113094	14850706	14485630	14149810	6.47	cps
Holmium	165-2	9611622	9538706	9585810	9578713	0.39	cps
Indium	115-1	10353774	11528421	11343908	11075368	5.70	cps
Indium	115-2	3674779	3613203	3625204	3637729	0.90	cps
Iron	56-2	914930	916230	912798	914652	0.19	cps
Iron	57-2	23342	23932	23345	23540	1.45	cps
Iron	54-2	51083	51474	50621	51059	0.84	cps
Krypton	83-1	120	147	80	116	29.04	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BS	Instrumnet Name :	P7
Client Sample ID :	LCS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:13:11	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9954	10014	10417	10128	2.49	cps
Lead	207-1	9527	9273	9260	9353	1.61	cps
Lead	208-1	41361	41442	41745	41516	0.49	cps
Lithium	6-1	2006025	2221023	2175906	2134318	5.31	cps
Magnesium	24-2	245999	246010	243321	245110	0.63	cps
Manganese	55-2	4021	4247	3941	4069	3.91	cps
Molybdenum	94-1	27756	27342	27386	27495	0.83	cps
Molybdenum	95-1	33341	32964	33772	33359	1.21	cps
Molybdenum	96-1	36746	37124	36215	36695	1.24	cps
Molybdenum	97-1	20999	21319	20404	20907	2.22	cps
Molybdenum	98-1	54364	54458	54588	54470	0.21	cps
Neodymium	150-1	27	13	17	19	36.75	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	2037	2030	2134	2067	2.80	cps
Phosphorus	31-2	103	167	87	119	35.50	cps
Potassium	39-2	334866	331923	336294	334361	0.67	cps
Rhodium	103-1	9366538	10430029	10337988	10044852	5.87	cps
Rhodium	103-2	5554554	5512376	5544062	5536997	0.40	cps
Scandium	45-1	5406937	6101065	5988869	5832290	6.39	cps
Scandium	45-2	506897	505892	502644	505144	0.44	cps
Selenium	82-1	1444	1388	1484	1439	3.36	cps
Selenium	77-2	103	93	93	97	5.97	cps
Selenium	78-2	477	433	377	429	11.69	cps
Silicon	28-1	211244	209838	209291	210124	0.48	cps
Silver	107-1	16293	16329	16273	16298	0.18	cps
Silver	109-1	15996	15475	15298	15590	2.33	cps
Sodium	23-2	389502	390543	391347	390464	0.24	cps
Strontium	86-1	4511	4544	4567	4541	0.63	cps
Strontium	88-1	37845	37985	37765	37865	0.29	cps
Sulfur	34-1	145566	147073	145505	146048	0.61	cps
Terbium	159-1	13641546	15339119	15144063	14708243	6.32	cps
Terbium	159-2	9553399	9532707	9455797	9513968	0.54	cps
Thallium	203-1	12472	12499	12242	12405	1.14	cps
Thallium	205-1	29388	29749	29368	29502	0.73	cps
Tin	118-1	620	687	623	643	5.84	cps
Titanium	47-1	8209	8506	8229	8315	2.00	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163854BS	Instrumnet Name :	P7
Client Sample ID :	LCS854	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:13:11	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38365	38268	37753	38129	0.86	cps
Vanadium	51-2	21886	21983	21392	21754	1.46	cps
Yttrium	89-1	10883362	12170535	11932982	11662293	5.87	cps
Yttrium	89-2	2793869	2857920	2816643	2822811	1.15	cps
Zinc	66-2	4741	4784	4841	4789	1.05	cps
Zirconium	90-1	23599	23806	23622	23676	0.48	cps
Zirconium	91-1	5194	5348	5524	5355	3.08	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BS	Instrumnet Name :	P7
Client Sample ID :	LCS848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:16:28	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5958	5915	5865	5912	0.79	cps
Antimony	121-1	27653	28341	28244	28080	1.33	cps
Arsenic	75-2	683	707	767	719	5.98	cps
Barium	135-1	35798	35337	35177	35437	0.91	cps
Barium	137-1	61378	61706	61509	61531	0.27	cps
Beryllium	9-1	2437	2457	2420	2438	0.75	cps
Bismuth	209-1	9283318	9152306	9199049	9211558	0.72	cps
Bismuth	209-2	7104259	6683316	7453485	7080353	5.45	cps
Bromine	81-1	7789	7876	7989	7884	1.27	cps
Bromine	81-2	43	53	37	44	18.87	cps
Cadmium	108-1	283	300	293	292	2.87	cps
Cadmium	106-1	3500	3630	3570	3567	1.82	cps
Cadmium	111-1	5942	6065	6178	6062	1.94	cps
Calcium	43-1	17774	18194	18182	18050	1.32	cps
Calcium	44-1	297993	295748	296797	296846	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11218	11474	11354	11349	1.13	cps
Cobalt	59-2	7829	7865	7829	7841	0.27	cps
Copper	63-2	11788	11548	11148	11495	2.81	cps
Dysprosium	156-1	23	23	17	21	18.21	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	87	123	107	106	17.39	cps
Erbium	164-2	43	90	63	66	35.72	cps
Gadolinium	160-1	70	50	37	52	32.12	cps
Gadolinium	160-2	453	377	557	462	19.54	cps
Holmium	165-1	14871466	14700241	14590991	14720900	0.96	cps
Holmium	165-2	9525190	9051341	9996161	9524231	4.96	cps
Indium	115-1	11466992	11399925	11365347	11410755	0.45	cps
Indium	115-2	3696268	3461065	3844195	3667176	5.27	cps
Iron	56-2	936727	934727	927605	933020	0.51	cps
Iron	57-2	24617	24176	23849	24214	1.59	cps
Iron	54-2	51648	53056	52267	52324	1.35	cps
Krypton	83-1	113	113	130	119	8.09	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BS	Instrumnet Name :	P7
Client Sample ID :	LCS848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:16:28	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10874	10804	10364	10681	2.59	cps
Lead	207-1	9513	9350	9570	9478	1.21	cps
Lead	208-1	42930	42096	42523	42516	0.98	cps
Lithium	6-1	2230730	2205038	2223348	2219705	0.60	cps
Magnesium	24-2	248119	249142	246782	248014	0.48	cps
Manganese	55-2	4257	4151	4141	4183	1.55	cps
Molybdenum	94-1	47119	47105	45825	46683	1.59	cps
Molybdenum	95-1	66510	66604	66490	66535	0.09	cps
Molybdenum	96-1	73440	72251	72599	72763	0.84	cps
Molybdenum	97-1	41947	42080	41639	41889	0.54	cps
Molybdenum	98-1	107525	108630	110117	108758	1.20	cps
Neodymium	150-1	17	7	13	12	41.65	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	1970	2074	2077	2040	2.97	cps
Phosphorus	31-2	143	110	133	129	13.27	cps
Potassium	39-2	343963	340546	339821	341443	0.65	cps
Rhodium	103-1	10440468	10334356	10354813	10376546	0.54	cps
Rhodium	103-2	5540763	5277606	5821256	5546542	4.90	cps
Scandium	45-1	6085509	6046074	6039992	6057192	0.41	cps
Scandium	45-2	507041	474732	527737	503170	5.31	cps
Selenium	82-1	1379	1389	1447	1405	2.59	cps
Selenium	77-2	87	87	103	92	10.43	cps
Selenium	78-2	507	447	487	480	6.36	cps
Silicon	28-1	212018	211737	209730	211162	0.59	cps
Silver	107-1	16516	16383	17124	16674	2.37	cps
Silver	109-1	15745	16026	16429	16067	2.14	cps
Sodium	23-2	398960	399241	396526	398242	0.37	cps
Strontium	86-1	8856	9003	8626	8828	2.15	cps
Strontium	88-1	76072	76481	74725	75759	1.21	cps
Sulfur	34-1	144247	142076	142217	142847	0.85	cps
Terbium	159-1	15440853	15104144	15374344	15306447	1.17	cps
Terbium	159-2	9550527	9043247	9873867	9489213	4.41	cps
Thallium	203-1	12349	12659	12819	12609	1.90	cps
Thallium	205-1	29495	29789	29619	29635	0.50	cps
Tin	118-1	580	550	410	513	17.68	cps
Titanium	47-1	8589	8366	8559	8505	1.43	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163848BS	Instrumnet Name :	P7
Client Sample ID :	LCS848	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:16:28	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38211	39365	39645	39074	1.95	cps
Vanadium	51-2	21803	21963	21462	21742	1.18	cps
Yttrium	89-1	12154641	12080662	12070685	12101996	0.38	cps
Yttrium	89-2	2842384	2692324	2940718	2825142	4.43	cps
Zinc	66-2	4938	4817	4978	4911	1.70	cps
Zirconium	90-1	23709	24354	24073	24045	1.34	cps
Zirconium	91-1	5408	5478	5291	5392	1.75	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BL	Instrumnet Name :	P7
Client Sample ID :	PBS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:19:47	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	47	66	28.00	cps
Antimony	121-1	93	93	140	109	24.75	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	47	33	30	37	24.06	cps
Barium	137-1	70	60	40	57	26.96	cps
Beryllium	9-1	33	50	50	44	21.66	cps
Bismuth	209-1	9258135	9387710	9079547	9241797	1.67	cps
Bismuth	209-2	7135040	7149588	7090357	7124995	0.43	cps
Bromine	81-1	8249	8699	8372	8440	2.76	cps
Bromine	81-2	63	37	27	42	44.88	cps
Cadmium	108-1	13	10	3	9	57.30	cps
Cadmium	106-1	3407	3317	3390	3372	1.42	cps
Cadmium	111-1	2379	2322	2371	2357	1.32	cps
Calcium	43-1	187	180	207	191	7.26	cps
Calcium	44-1	3027	3213	2940	3060	4.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340	433	377	383	12.27	cps
Cobalt	59-2	53	53	57	54	3.54	cps
Copper	63-2	620	507	560	562	10.09	cps
Dysprosium	156-1	10	7	30	16	81.11	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	107	83	117	102	16.74	cps
Erbium	164-2	107	83	63	84	25.69	cps
Gadolinium	160-1	50	67	40	52	25.80	cps
Gadolinium	160-2	487	543	543	524	6.24	cps
Holmium	165-1	14715321	14592726	14501472	14603173	0.73	cps
Holmium	165-2	9614119	9694832	9555729	9621560	0.73	cps
Indium	115-1	11364071	11362682	11405510	11377421	0.21	cps
Indium	115-2	3683958	3692019	3672958	3682979	0.26	cps
Iron	56-2	7679	7712	7969	7787	2.04	cps
Iron	57-2	780	770	803	784	2.18	cps
Iron	54-2	1163	997	1073	1078	7.74	cps
Krypton	83-1	113	100	153	122	22.71	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BL	Instrumnet Name :	P7
Client Sample ID :	PBS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:19:47	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	390	453	383	409	9.45	cps
Lead	207-1	390	297	357	348	13.60	cps
Lead	208-1	1677	1587	1513	1592	5.14	cps
Lithium	6-1	2189395	2220841	2191570	2200602	0.80	cps
Magnesium	24-2	660	757	680	699	7.30	cps
Manganese	55-2	220	220	223	221	0.87	cps
Molybdenum	94-1	260	287	293	280	6.30	cps
Molybdenum	95-1	57	57	77	63	18.23	cps
Molybdenum	96-1	63	150	150	121	41.32	cps
Molybdenum	97-1	37	40	57	44	24.11	cps
Molybdenum	98-1	117	113	103	111	6.25	cps
Neodymium	150-1	17	3	13	11	62.48	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	50	63	93	69	32.22	cps
Phosphorus	31-2	113	133	147	131	12.80	cps
Potassium	39-2	37436	37596	37894	37642	0.62	cps
Rhodium	103-1	10475628	10459452	10372393	10435824	0.53	cps
Rhodium	103-2	5610575	5633892	5524201	5589556	1.03	cps
Scandium	45-1	6056234	6121511	6044196	6073980	0.68	cps
Scandium	45-2	507541	509514	505654	507570	0.38	cps
Selenium	82-1	321	358	332	337	5.62	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	123	127	153	134	12.23	cps
Silicon	28-1	148137	149116	150339	149197	0.74	cps
Silver	107-1	163	150	150	154	4.99	cps
Silver	109-1	110	133	117	120	10.02	cps
Sodium	23-2	10487	10280	10087	10285	1.95	cps
Strontium	86-1	177	217	180	191	11.61	cps
Strontium	88-1	123	127	143	131	8.18	cps
Sulfur	34-1	144563	144788	145243	144865	0.24	cps
Terbium	159-1	15173074	15316943	15104763	15198260	0.71	cps
Terbium	159-2	9539711	9640506	9514963	9565060	0.70	cps
Thallium	203-1	93	110	133	112	17.91	cps
Thallium	205-1	230	187	243	220	13.47	cps
Tin	118-1	390	470	457	439	9.77	cps
Titanium	47-1	133	103	110	116	13.64	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BL	Instrumnet Name :	P7
Client Sample ID :	PBS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:19:47	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	7	7	9	43.25	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	12099638	12096964	11926217	12040940	0.83	cps
Yttrium	89-2	2839678	2865989	2843851	2849840	0.50	cps
Zinc	66-2	267	273	283	274	3.06	cps
Zirconium	90-1	787	630	700	706	11.12	cps
Zirconium	91-1	130	157	113	133	16.39	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BS	Instrumnet Name :	P7
Client Sample ID :	LCS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:23:04	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5961	5915	5734	5870	2.04	cps
Antimony	121-1	28796	28598	28819	28738	0.42	cps
Arsenic	75-2	647	660	687	664	3.07	cps
Barium	135-1	35878	36052	35675	35868	0.53	cps
Barium	137-1	61080	62088	61894	61687	0.87	cps
Beryllium	9-1	2677	2490	2457	2541	4.67	cps
Bismuth	209-1	9360676	9197718	9175865	9244753	1.09	cps
Bismuth	209-2	7375960	7098703	7311505	7262056	2.00	cps
Bromine	81-1	8342	8763	8943	8683	3.55	cps
Bromine	81-2	47	20	67	44	52.68	cps
Cadmium	108-1	260	273	227	253	9.49	cps
Cadmium	106-1	3821	3667	3651	3713	2.52	cps
Cadmium	111-1	6180	6170	6387	6245	1.97	cps
Calcium	43-1	18565	19238	19065	18956	1.84	cps
Calcium	44-1	299877	300349	299739	299989	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11364	11668	11001	11344	2.94	cps
Cobalt	59-2	7952	7976	7839	7922	0.92	cps
Copper	63-2	11801	11915	11665	11794	1.06	cps
Dysprosium	156-1	13	23	17	18	28.64	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	107	130	87	108	20.12	cps
Erbium	164-2	87	67	77	77	13.04	cps
Gadolinium	160-1	50	77	40	56	34.12	cps
Gadolinium	160-2	510	473	547	510	7.19	cps
Holmium	165-1	14898116	14598941	14475222	14657426	1.48	cps
Holmium	165-2	10123654	9609677	9907956	9880429	2.61	cps
Indium	115-1	11729116	11392410	11381374	11500967	1.72	cps
Indium	115-2	3869911	3659150	3793158	3774073	2.83	cps
Iron	56-2	947074	949404	942214	946231	0.39	cps
Iron	57-2	24600	24026	24503	24377	1.26	cps
Iron	54-2	52802	53150	52692	52881	0.45	cps
Krypton	83-1	137	127	133	132	3.85	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BS	Instrumnet Name :	P7
Client Sample ID :	LCS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:23:04	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10217	10681	10531	10476	2.26	cps
Lead	207-1	9810	9410	9113	9444	3.70	cps
Lead	208-1	43010	42787	42600	42799	0.48	cps
Lithium	6-1	2276425	2249244	2242312	2255993	0.80	cps
Magnesium	24-2	252872	252574	249111	251519	0.83	cps
Manganese	55-2	4417	4287	4324	4343	1.54	cps
Molybdenum	94-1	28565	29036	28895	28832	0.84	cps
Molybdenum	95-1	34962	34694	34397	34684	0.81	cps
Molybdenum	96-1	38073	37070	38133	37759	1.58	cps
Molybdenum	97-1	21145	21873	22083	21701	2.27	cps
Molybdenum	98-1	55749	56800	55505	56018	1.23	cps
Neodymium	150-1	17	13	20	17	20.01	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	2150	2100	2080	2110	1.71	cps
Phosphorus	31-2	150	163	140	151	7.75	cps
Potassium	39-2	343328	346047	344033	344469	0.41	cps
Rhodium	103-1	10533597	10262527	10214927	10337017	1.66	cps
Rhodium	103-2	5845696	5569064	5765497	5726752	2.49	cps
Scandium	45-1	6171499	6027674	5961149	6053441	1.78	cps
Scandium	45-2	529385	506245	521159	518930	2.26	cps
Selenium	82-1	1421	1488	1405	1438	3.06	cps
Selenium	77-2	100	87	90	92	7.52	cps
Selenium	78-2	483	550	487	507	7.41	cps
Silicon	28-1	214310	216260	215376	215315	0.45	cps
Silver	107-1	17120	17427	17361	17303	0.93	cps
Silver	109-1	15605	16092	16002	15900	1.63	cps
Sodium	23-2	404210	402736	399648	402198	0.58	cps
Strontium	86-1	789837	798362	796730	794976	0.57	cps
Strontium	88-1	7095372	7041759	7057712	7064948	0.39	cps
Sulfur	34-1	148450	148187	150476	149038	0.84	cps
Terbium	159-1	15345503	14769218	14928747	15014489	1.98	cps
Terbium	159-2	9944487	9585058	9873529	9801024	1.94	cps
Thallium	203-1	12599	12883	12773	12752	1.12	cps
Thallium	205-1	30180	30681	30133	30332	1.00	cps
Tin	118-1	627	553	590	590	6.22	cps
Titanium	47-1	8419	8262	8502	8395	1.45	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163853BS	Instrumnet Name :	P7
Client Sample ID :	LCS853	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:23:04	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39268	39208	38395	38957	1.25	cps
Vanadium	51-2	22503	22881	22150	22511	1.62	cps
Yttrium	89-1	12392210	12120765	12022562	12178512	1.57	cps
Yttrium	89-2	2988157	2843313	2961650	2931040	2.63	cps
Zinc	66-2	5034	4874	4941	4950	1.62	cps
Zirconium	90-1	24377	25138	24828	24781	1.54	cps
Zirconium	91-1	5481	5311	5501	5431	1.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-01	Instrumnet Name :	P7
Client Sample ID :	YE0S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:26:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3153684	3077396	3061000	3097360	1.60	cps
Antimony	121-1	4727	4417	4554	4566	3.40	cps
Arsenic	75-2	5094	4911	5041	5015	1.88	cps
Barium	135-1	688479	692980	687884	689781	0.40	cps
Barium	137-1	1195370	1196133	1187692	1193065	0.39	cps
Beryllium	9-1	1677	1633	1843	1718	6.45	cps
Bismuth	209-1	9559347	9413704	9429688	9467580	0.84	cps
Bismuth	209-2	7145571	7397355	6882487	7141804	3.60	cps
Bromine	81-1	10847	11198	11044	11030	1.59	cps
Bromine	81-2	510	550	503	521	4.84	cps
Cadmium	108-1	120	97	100	106	11.95	cps
Cadmium	106-1	3904	3534	3924	3787	5.80	cps
Cadmium	111-1	3625	3323	3587	3512	4.69	cps
Calcium	43-1	297704	297833	297399	297645	0.07	cps
Calcium	44-1	4436371	4481483	4416201	4444685	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70477	69395	69626	69833	0.82	cps
Cobalt	59-2	137449	134863	133857	135389	1.37	cps
Copper	63-2	254033	255366	253913	254438	0.32	cps
Dysprosium	156-1	38162	37941	37834	37979	0.44	cps
Dysprosium	156-2	27347	26822	26909	27026	1.04	cps
Erbium	164-1	43140	44531	43959	43876	1.59	cps
Erbium	164-2	28913	27794	27955	28221	2.14	cps
Gadolinium	160-1	39586	39205	39225	39338	0.55	cps
Gadolinium	160-2	26572	27093	26609	26758	1.09	cps
Holmium	165-1	15381382	15206403	15301832	15296539	0.57	cps
Holmium	165-2	9946197	10269924	9464951	9893690	4.09	cps
Indium	115-1	11814446	11721808	11696598	11744284	0.53	cps
Indium	115-2	3657770	3823982	3587026	3689593	3.30	cps
Iron	56-2	121582222	121936008	121617412	121711880	0.16	cps
Iron	57-2	3040594	2977755	2992859	3003736	1.09	cps
Iron	54-2	6588674	6660129	6567178	6605327	0.74	cps
Krypton	83-1	187	183	227	199	12.12	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-01	Instrumnet Name :	P7
Client Sample ID :	YE0S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:26:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	221185	222370	221574	221710	0.27	cps
Lead	207-1	189266	189421	189691	189460	0.11	cps
Lead	208-1	869369	876864	870576	872270	0.46	cps
Lithium	6-1	2339145	2253990	2304356	2299164	1.86	cps
Magnesium	24-2	1702152	1694423	1668672	1688416	1.04	cps
Manganese	55-2	3657881	3654568	3691868	3668106	0.56	cps
Molybdenum	94-1	5251	5411	5054	5239	3.41	cps
Molybdenum	95-1	1060	1183	1113	1119	5.53	cps
Molybdenum	96-1	3657	3547	3711	3638	2.29	cps
Molybdenum	97-1	617	570	657	614	7.06	cps
Molybdenum	98-1	1550	1470	1513	1511	2.65	cps
Neodymium	150-1	52337	53096	52066	52500	1.02	cps
Neodymium	150-2	28051	28048	27938	28012	0.23	cps
Nickel	60-2	19106	19239	19252	19199	0.42	cps
Phosphorus	31-2	11251	11314	11271	11279	0.29	cps
Potassium	39-2	1076451	1063820	1061888	1067387	0.74	cps
Rhodium	103-1	10764086	10499770	10535474	10599777	1.35	cps
Rhodium	103-2	5676702	5819448	5451495	5649215	3.28	cps
Scandium	45-1	6494340	6381009	6406991	6427446	0.92	cps
Scandium	45-2	517765	547781	511005	525517	3.72	cps
Selenium	82-1	395	445	347	396	12.34	cps
Selenium	77-2	97	67	67	77	22.59	cps
Selenium	78-2	167	220	233	207	17.07	cps
Silicon	28-1	22384321	22347618	22152185	22294708	0.56	cps
Silver	107-1	2467	2300	2300	2356	4.09	cps
Silver	109-1	2330	2017	1997	2115	8.84	cps
Sodium	23-2	127452	127237	128286	127658	0.43	cps
Strontium	86-1	170905	170835	170882	170874	0.02	cps
Strontium	88-1	1496690	1485527	1472199	1484805	0.83	cps
Sulfur	34-1	152008	148369	144038	148138	2.69	cps
Terbium	159-1	15952883	15573738	15949878	15825499	1.38	cps
Terbium	159-2	9642440	10097069	9619739	9786416	2.75	cps
Thallium	203-1	2264	2520	3354	2713	21.01	cps
Thallium	205-1	5515	6255	8026	6598	19.56	cps
Tin	118-1	10717	10631	10711	10686	0.45	cps
Titanium	47-1	284091	283862	282773	283575	0.25	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-01	Instrumnet Name :	P7
Client Sample ID :	YE0S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:26:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24419	23901	24289	24203	1.11	cps
Vanadium	51-2	428063	418511	419320	421965	1.26	cps
Yttrium	89-1	13291298	13018565	12938864	13082909	1.41	cps
Yttrium	89-2	3052843	3126137	2902261	3027080	3.77	cps
Zinc	66-2	67294	66818	66644	66919	0.50	cps
Zirconium	90-1	12545	12465	13194	12735	3.14	cps
Zirconium	91-1	2820	2707	2640	2723	3.34	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02	Instrumnet Name :	P7
Client Sample ID :	YE0S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:29:32	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3019764	2973517	2976323	2989868	0.87	cps
Antimony	121-1	15145	15629	15662	15478	1.87	cps
Arsenic	75-2	10170	10294	10294	10253	0.69	cps
Barium	135-1	842507	837944	846740	842397	0.52	cps
Barium	137-1	1451313	1458517	1456765	1455532	0.26	cps
Beryllium	9-1	1590	1517	1543	1550	2.40	cps
Bismuth	209-1	9661013	9578744	9543613	9594457	0.63	cps
Bismuth	209-2	7546161	6996661	7153292	7232038	3.91	cps
Bromine	81-1	11014	10761	11108	10961	1.64	cps
Bromine	81-2	467	527	463	486	7.34	cps
Cadmium	108-1	193	177	260	210	21.00	cps
Cadmium	106-1	3817	3797	3811	3808	0.27	cps
Cadmium	111-1	4737	4838	4722	4766	1.32	cps
Calcium	43-1	415541	415776	415714	415677	0.03	cps
Calcium	44-1	6230796	6239493	6148596	6206295	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100072	102244	99636	100651	1.39	cps
Cobalt	59-2	132054	131671	132633	132119	0.37	cps
Copper	63-2	278593	278272	275673	277513	0.58	cps
Dysprosium	156-1	34392	34780	33891	34354	1.30	cps
Dysprosium	156-2	24431	24411	24552	24465	0.31	cps
Erbium	164-1	37407	36835	37597	37280	1.06	cps
Erbium	164-2	25243	23921	24752	24638	2.71	cps
Gadolinium	160-1	35455	34472	35294	35074	1.50	cps
Gadolinium	160-2	22855	23653	22969	23159	1.86	cps
Holmium	165-1	15589397	15401703	15290584	15427228	0.98	cps
Holmium	165-2	10507068	9631714	9870116	10002966	4.52	cps
Indium	115-1	11984886	11822874	11686753	11831504	1.26	cps
Indium	115-2	3834635	3587309	3611436	3677793	3.71	cps
Iron	56-2	114326598	114116362	114272978	114238646	0.10	cps
Iron	57-2	2830810	2835962	2873515	2846762	0.82	cps
Iron	54-2	6198628	6193836	6234044	6208836	0.35	cps
Krypton	83-1	180	163	180	174	5.51	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02	Instrumnet Name :	P7
Client Sample ID :	YE0S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:29:32	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1396781	1404593	1417573	1406316	0.75	cps
Lead	207-1	1199177	1208826	1211599	1206534	0.54	cps
Lead	208-1	5822493	5816977	5866612	5835361	0.47	cps
Lithium	6-1	2340088	2278557	2278204	2298949	1.55	cps
Magnesium	24-2	1832881	1799919	1833792	1822197	1.06	cps
Manganese	55-2	3952733	4003776	3977852	3978120	0.64	cps
Molybdenum	94-1	8726	8916	9196	8946	2.64	cps
Molybdenum	95-1	1890	1850	1910	1883	1.62	cps
Molybdenum	96-1	4824	5234	5108	5055	4.15	cps
Molybdenum	97-1	1080	1117	1093	1097	1.69	cps
Molybdenum	98-1	2680	2837	2720	2746	2.97	cps
Neodymium	150-1	47423	48650	48115	48063	1.28	cps
Neodymium	150-2	25784	25680	25787	25750	0.24	cps
Nickel	60-2	29916	29910	30605	30144	1.32	cps
Phosphorus	31-2	23408	23128	23067	23201	0.78	cps
Potassium	39-2	1147373	1145067	1138688	1143709	0.39	cps
Rhodium	103-1	10639341	10645446	10299371	10528053	1.88	cps
Rhodium	103-2	5978458	5459179	5593468	5677035	4.75	cps
Scandium	45-1	6270018	6207179	6084430	6187209	1.53	cps
Scandium	45-2	534658	510125	508008	517597	2.86	cps
Selenium	82-1	402	491	393	428	12.68	cps
Selenium	77-2	63	77	83	74	13.68	cps
Selenium	78-2	260	233	280	258	9.08	cps
Silicon	28-1	27481917	27568818	27327269	27459335	0.45	cps
Silver	107-1	3771	4174	4431	4125	8.07	cps
Silver	109-1	3671	3881	3837	3796	2.92	cps
Sodium	23-2	148495	149003	149450	148982	0.32	cps
Strontium	86-1	303220	305150	303547	303972	0.34	cps
Strontium	88-1	2650433	2655466	2647414	2651104	0.15	cps
Sulfur	34-1	149251	150758	147517	149175	1.09	cps
Terbium	159-1	16207199	16161213	15758372	16042261	1.54	cps
Terbium	159-2	10222518	9836181	9614293	9890997	3.11	cps
Thallium	203-1	2290	2354	2364	2336	1.70	cps
Thallium	205-1	5474	5595	5525	5531	1.09	cps
Tin	118-1	30893	30526	29878	30432	1.69	cps
Titanium	47-1	337094	338209	336839	337381	0.22	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02	Instrumnet Name :	P7
Client Sample ID :	YE0S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:29:32	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39117	39187	40063	39456	1.34	cps
Vanadium	51-2	377313	371670	372589	373857	0.81	cps
Yttrium	89-1	13128652	12944994	12817121	12963589	1.21	cps
Yttrium	89-2	3126202	2935762	2977446	3013137	3.32	cps
Zinc	66-2	164249	162887	164778	163971	0.59	cps
Zirconium	90-1	21192	21546	21816	21518	1.45	cps
Zirconium	91-1	4908	4888	4594	4796	3.66	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-03	Instrumnet Name :	P7
Client Sample ID :	YE0S7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:32:43	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2930430	2911882	2867256	2903190	1.12	cps
Antimony	121-1	15515	15258	15232	15335	1.02	cps
Arsenic	75-2	10217	10137	10097	10150	0.60	cps
Barium	135-1	838483	841930	838140	839518	0.25	cps
Barium	137-1	1457978	1455748	1451835	1455187	0.21	cps
Beryllium	9-1	1487	1507	1510	1501	0.84	cps
Bismuth	209-1	9582635	9541137	9363839	9495870	1.22	cps
Bismuth	209-2	7057349	6910333	6916993	6961558	1.19	cps
Bromine	81-1	10834	10881	10777	10831	0.48	cps
Bromine	81-2	553	617	517	562	9.00	cps
Cadmium	108-1	257	217	200	224	12.98	cps
Cadmium	106-1	3827	3747	3604	3726	3.04	cps
Cadmium	111-1	4573	4775	4553	4634	2.65	cps
Calcium	43-1	410104	410106	410951	410387	0.12	cps
Calcium	44-1	6135859	6143479	6029276	6102871	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101485	99438	101179	100701	1.10	cps
Cobalt	59-2	128911	129781	127569	128754	0.87	cps
Copper	63-2	271152	273754	268609	271172	0.95	cps
Dysprosium	156-1	33904	33901	34345	34050	0.75	cps
Dysprosium	156-2	24274	24134	24204	24204	0.29	cps
Erbium	164-1	38266	37600	37758	37874	0.92	cps
Erbium	164-2	23704	23857	23343	23635	1.12	cps
Gadolinium	160-1	33804	34289	33741	33944	0.88	cps
Gadolinium	160-2	23092	23109	23289	23164	0.47	cps
Holmium	165-1	15081787	15234921	15177064	15164591	0.51	cps
Holmium	165-2	9584362	9502562	9510435	9532453	0.47	cps
Indium	115-1	11647521	11535668	11435494	11539561	0.92	cps
Indium	115-2	3599630	3580813	3555847	3578764	0.61	cps
Iron	56-2	112353908	112276128	111451665	112027234	0.45	cps
Iron	57-2	2783857	2780560	2769796	2778071	0.26	cps
Iron	54-2	6092304	6114104	5978831	6061746	1.20	cps
Krypton	83-1	133	197	193	174	20.43	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-03	Instrumnet Name :	P7
Client Sample ID :	YE0S7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:32:43	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1424871	1433524	1435743	1431379	0.40	cps
Lead	207-1	1225197	1233523	1218045	1225588	0.63	cps
Lead	208-1	5890892	5896757	5870966	5886205	0.23	cps
Lithium	6-1	2253176	2221023	2224484	2232894	0.79	cps
Magnesium	24-2	1811735	1806217	1783705	1800552	0.82	cps
Manganese	55-2	3925060	3913375	3896629	3911688	0.37	cps
Molybdenum	94-1	8499	8439	8576	8505	0.81	cps
Molybdenum	95-1	1837	1997	1887	1907	4.29	cps
Molybdenum	96-1	4757	4627	4931	4772	3.19	cps
Molybdenum	97-1	1090	1047	1087	1075	2.24	cps
Molybdenum	98-1	2887	2754	2610	2750	5.03	cps
Neodymium	150-1	48095	47265	47493	47618	0.90	cps
Neodymium	150-2	25229	24768	24942	24980	0.93	cps
Nickel	60-2	30207	30251	30304	30254	0.16	cps
Phosphorus	31-2	22453	23441	22727	22874	2.23	cps
Potassium	39-2	1137036	1126667	1128575	1130759	0.49	cps
Rhodium	103-1	10273650	10292195	10166204	10244017	0.66	cps
Rhodium	103-2	5407807	5396930	5443810	5416182	0.45	cps
Scandium	45-1	6062400	6000542	5988266	6017070	0.66	cps
Scandium	45-2	496487	497067	495349	496301	0.18	cps
Selenium	82-1	416	349	367	377	9.19	cps
Selenium	77-2	90	67	53	70	26.51	cps
Selenium	78-2	183	207	227	206	10.55	cps
Silicon	28-1	27130071	27206812	27224356	27187080	0.18	cps
Silver	107-1	3874	3874	3834	3861	0.60	cps
Silver	109-1	3430	3597	3494	3507	2.40	cps
Sodium	23-2	151429	150924	148743	150365	0.95	cps
Strontium	86-1	302408	301785	301562	301918	0.15	cps
Strontium	88-1	2664088	2633994	2656992	2651691	0.59	cps
Sulfur	34-1	145502	145737	143493	144910	0.85	cps
Terbium	159-1	15766690	15750955	15659041	15725562	0.37	cps
Terbium	159-2	9766575	9813649	9857530	9812585	0.46	cps
Thallium	203-1	1940	1727	1740	1802	6.63	cps
Thallium	205-1	4217	4287	4181	4228	1.28	cps
Tin	118-1	30365	30546	30569	30493	0.37	cps
Titanium	47-1	329707	331171	330496	330458	0.22	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-03	Instrumnet Name :	P7
Client Sample ID :	YE0S7D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:32:43	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39585	39030	39923	39513	1.14	cps
Vanadium	51-2	367257	365333	363430	365340	0.52	cps
Yttrium	89-1	12741529	12736296	12685988	12721271	0.24	cps
Yttrium	89-2	2818013	2881705	2861686	2853801	1.14	cps
Zinc	66-2	161583	161247	159983	160937	0.52	cps
Zirconium	90-1	19433	20478	20932	20281	3.79	cps
Zirconium	91-1	4687	4834	4481	4667	3.80	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02LX5	Instrumnet Name :	P7
Client Sample ID :	YE0S7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 07:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	623765	623079	622935	623259	0.07	cps
Antimony	121-1	2987	3127	3077	3064	2.32	cps
Arsenic	75-2	2114	2064	1967	2048	3.64	cps
Barium	135-1	171921	169074	168629	169874	1.05	cps
Barium	137-1	296170	293734	293719	294541	0.48	cps
Beryllium	9-1	317	330	320	322	2.15	cps
Bismuth	209-1	9338677	9376243	9157988	9290969	1.26	cps
Bismuth	209-2	7049940	6938721	6960220	6982960	0.84	cps
Bromine	81-1	8639	8452	8606	8566	1.16	cps
Bromine	81-2	157	177	143	159	10.56	cps
Cadmium	108-1	47	43	57	49	14.20	cps
Cadmium	106-1	3347	3364	2927	3213	7.70	cps
Cadmium	111-1	2784	2788	2409	2660	8.17	cps
Calcium	43-1	84309	84404	82771	83828	1.09	cps
Calcium	44-1	1241528	1248181	1229349	1239686	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21015	20651	20851	20839	0.87	cps
Cobalt	59-2	26804	26463	26413	26560	0.80	cps
Copper	63-2	55793	56820	56901	56505	1.09	cps
Dysprosium	156-1	6878	6965	7169	7004	2.13	cps
Dysprosium	156-2	4864	5028	4984	4959	1.71	cps
Erbium	164-1	8006	7879	7736	7873	1.72	cps
Erbium	164-2	4984	4624	5078	4895	4.89	cps
Gadolinium	160-1	6798	7145	6798	6914	2.90	cps
Gadolinium	160-2	5351	5128	4934	5138	4.06	cps
Holmium	165-1	14860409	14633350	14594442	14696067	0.98	cps
Holmium	165-2	9583408	9410259	9499531	9497733	0.91	cps
Indium	115-1	11433385	11386494	11182356	11334078	1.18	cps
Indium	115-2	3528344	3524773	3518113	3523743	0.15	cps
Iron	56-2	23212946	23307433	23112125	23210835	0.42	cps
Iron	57-2	613656	607208	608198	609687	0.57	cps
Iron	54-2	1347717	1343889	1334602	1342069	0.50	cps
Krypton	83-1	73	123	187	128	44.45	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02LX5	Instrumnet Name :	P7
Client Sample ID :	YE0S7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 07:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	287556	285589	287039	286728	0.36	cps
Lead	207-1	246549	244749	244627	245308	0.44	cps
Lead	208-1	1128096	1124193	1117533	1123274	0.48	cps
Lithium	6-1	2193724	2179378	2163757	2178953	0.69	cps
Magnesium	24-2	382433	381461	380514	381469	0.25	cps
Manganese	55-2	840239	833460	833657	835785	0.46	cps
Molybdenum	94-1	1827	2030	1947	1935	5.28	cps
Molybdenum	95-1	320	400	483	401	20.36	cps
Molybdenum	96-1	987	1047	1057	1030	3.68	cps
Molybdenum	97-1	273	230	253	252	8.60	cps
Molybdenum	98-1	630	657	623	637	2.77	cps
Neodymium	150-1	9600	9830	9860	9763	1.46	cps
Neodymium	150-2	5354	5398	5181	5311	2.16	cps
Nickel	60-2	6205	6198	6438	6280	2.18	cps
Phosphorus	31-2	4674	4727	4761	4721	0.93	cps
Potassium	39-2	260283	261492	260931	260902	0.23	cps
Rhodium	103-1	10260228	10201523	9971753	10144501	1.50	cps
Rhodium	103-2	5359138	5404755	5378946	5380946	0.43	cps
Scandium	45-1	5920971	5849457	5764701	5845043	1.34	cps
Scandium	45-2	485381	482517	485367	484421	0.34	cps
Selenium	82-1	387	358	245	330	22.67	cps
Selenium	77-2	13	17	7	12	41.65	cps
Selenium	78-2	133	123	127	128	3.98	cps
Silicon	28-1	5638823	5579415	5610505	5609581	0.53	cps
Silver	107-1	817	797	763	792	3.40	cps
Silver	109-1	617	710	703	677	7.69	cps
Sodium	23-2	47262	47309	47707	47426	0.52	cps
Strontium	86-1	61206	61832	61126	61388	0.63	cps
Strontium	88-1	536890	533088	534355	534778	0.36	cps
Sulfur	34-1	119855	121058	120628	120514	0.51	cps
Terbium	159-1	15225217	15259579	15010784	15165194	0.89	cps
Terbium	159-2	9501368	9392011	9442033	9445137	0.58	cps
Thallium	203-1	447	393	373	404	9.37	cps
Thallium	205-1	1097	923	913	978	10.54	cps
Tin	118-1	9440	9853	9797	9697	2.31	cps
Titanium	47-1	67593	66773	66147	66838	1.09	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02LX5	Instrumnet Name :	P7
Client Sample ID :	YE0S7L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 07:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7909	8066	7962	7979	1.00	cps
Vanadium	51-2	75260	74931	75966	75386	0.70	cps
Yttrium	89-1	12008362	11962293	11795149	11921935	0.94	cps
Yttrium	89-2	2772220	2757157	2739991	2756456	0.59	cps
Zinc	66-2	33050	33387	33554	33330	0.77	cps
Zirconium	90-1	4757	4447	4661	4622	3.43	cps
Zirconium	91-1	933	1113	1063	1037	8.96	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-05	Instrumnet Name :	P7
Client Sample ID :	YE0S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:42:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2603571	2580842	2552340	2578918	1.00	cps
Antimony	121-1	820	863	957	880	7.94	cps
Arsenic	75-2	3237	3184	3394	3272	3.34	cps
Barium	135-1	628326	633599	630990	630971	0.42	cps
Barium	137-1	1093860	1096204	1093658	1094574	0.13	cps
Beryllium	9-1	1553	1630	1847	1677	9.07	cps
Bismuth	209-1	9369437	9386628	9270435	9342167	0.67	cps
Bismuth	209-2	7037723	6927961	7110087	7025257	1.31	cps
Bromine	81-1	10077	10460	10020	10186	2.35	cps
Bromine	81-2	523	573	530	542	5.01	cps
Cadmium	108-1	60	43	70	58	23.32	cps
Cadmium	106-1	3467	3420	3167	3352	4.82	cps
Cadmium	111-1	2812	2867	2735	2805	2.38	cps
Calcium	43-1	231986	230405	231753	231381	0.37	cps
Calcium	44-1	3468642	3437827	3430773	3445748	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38155	36932	38055	37714	1.80	cps
Cobalt	59-2	132189	131950	133214	132451	0.51	cps
Copper	63-2	201808	202082	201159	201683	0.23	cps
Dysprosium	156-1	37497	36394	37447	37112	1.68	cps
Dysprosium	156-2	26405	26405	26812	26541	0.89	cps
Erbium	164-1	45129	46062	45086	45426	1.21	cps
Erbium	164-2	28800	28917	29124	28947	0.57	cps
Gadolinium	160-1	39128	39175	39235	39179	0.14	cps
Gadolinium	160-2	26342	26124	25854	26107	0.94	cps
Holmium	165-1	15131637	14784119	14921220	14945659	1.17	cps
Holmium	165-2	9610535	9482660	9784199	9625798	1.57	cps
Indium	115-1	11351133	11267453	11179758	11266115	0.76	cps
Indium	115-2	3515394	3442006	3533522	3496974	1.39	cps
Iron	56-2	112143342	110716945	109447498	110769262	1.22	cps
Iron	57-2	2771575	2770056	2733531	2758387	0.78	cps
Iron	54-2	5977401	5950246	5928217	5951954	0.41	cps
Krypton	83-1	203	153	183	180	13.98	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-05	Instrumnet Name :	P7
Client Sample ID :	YE0S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:42:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87909	89180	89955	89015	1.16	cps
Lead	207-1	75103	75773	75089	75322	0.52	cps
Lead	208-1	345379	348135	348807	347440	0.52	cps
Lithium	6-1	2202166	2168064	2188699	2186310	0.79	cps
Magnesium	24-2	1236035	1244649	1215404	1232029	1.22	cps
Manganese	55-2	3543985	3506330	3467482	3505933	1.09	cps
Molybdenum	94-1	3560	3767	3777	3702	3.31	cps
Molybdenum	95-1	657	803	760	740	10.18	cps
Molybdenum	96-1	2757	3134	2880	2924	6.57	cps
Molybdenum	97-1	417	413	410	413	0.81	cps
Molybdenum	98-1	1013	947	910	957	5.48	cps
Neodymium	150-1	50165	50905	50711	50594	0.76	cps
Neodymium	150-2	26819	26224	26602	26548	1.13	cps
Nickel	60-2	8209	8182	8346	8246	1.06	cps
Phosphorus	31-2	4627	4454	4461	4514	2.18	cps
Potassium	39-2	907932	889561	896834	898109	1.03	cps
Rhodium	103-1	10190311	10058075	10132781	10127056	0.65	cps
Rhodium	103-2	5319872	5367629	5505042	5397514	1.78	cps
Scandium	45-1	5905542	5827722	5796415	5843226	0.96	cps
Scandium	45-2	481609	481348	485461	482806	0.48	cps
Selenium	82-1	342	422	423	396	11.68	cps
Selenium	77-2	77	67	67	70	8.25	cps
Selenium	78-2	293	237	180	237	23.94	cps
Silicon	28-1	20387761	20446821	20290037	20374873	0.39	cps
Silver	107-1	1710	1400	1327	1479	13.76	cps
Silver	109-1	1393	1183	1277	1285	8.19	cps
Sodium	23-2	112984	111507	113685	112725	0.99	cps
Strontium	86-1	102476	102681	102876	102678	0.19	cps
Strontium	88-1	889442	890493	895479	891804	0.36	cps
Sulfur	34-1	115203	112893	112396	113497	1.32	cps
Terbium	159-1	15646461	15485786	15359624	15497290	0.93	cps
Terbium	159-2	9611552	9356917	9399465	9455978	1.44	cps
Thallium	203-1	1493	1417	1430	1447	2.83	cps
Thallium	205-1	3077	3280	3290	3216	3.74	cps
Tin	118-1	6985	7392	7335	7237	3.05	cps
Titanium	47-1	240389	242198	237588	240058	0.97	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-05	Instrumnet Name :	P7
Client Sample ID :	YE0S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:42:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15673	15766	16046	15828	1.23	cps
Vanadium	51-2	427972	420716	427370	425353	0.95	cps
Yttrium	89-1	12450913	12281813	12318068	12350265	0.72	cps
Yttrium	89-2	2846215	2850258	2900631	2865701	1.06	cps
Zinc	66-2	34306	33989	34029	34108	0.51	cps
Zirconium	90-1	8769	8766	8833	8789	0.43	cps
Zirconium	91-1	1897	1903	2150	1983	7.28	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-06	Instrumnet Name :	P7
Client Sample ID :	YE0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:45:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3285928	3272582	3226118	3261543	0.96	cps
Antimony	121-1	1330	1327	1580	1412	10.29	cps
Arsenic	75-2	4797	4844	4874	4839	0.80	cps
Barium	135-1	792897	794189	790979	792688	0.20	cps
Barium	137-1	1372698	1373624	1363192	1369838	0.42	cps
Beryllium	9-1	1583	1900	1660	1715	9.64	cps
Bismuth	209-1	9398782	9320175	9317595	9345517	0.49	cps
Bismuth	209-2	6998888	7016016	7002072	7005659	0.13	cps
Bromine	81-1	9246	9436	9266	9316	1.12	cps
Bromine	81-2	410	463	420	431	6.58	cps
Cadmium	108-1	100	133	110	114	14.95	cps
Cadmium	106-1	3520	3397	3534	3484	2.16	cps
Cadmium	111-1	3694	3461	3607	3588	3.28	cps
Calcium	43-1	364389	366035	365786	365403	0.24	cps
Calcium	44-1	5484419	5443137	5410633	5446063	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50936	51454	50755	51048	0.71	cps
Cobalt	59-2	153660	156277	154074	154670	0.91	cps
Copper	63-2	243052	244144	241525	242907	0.54	cps
Dysprosium	156-1	36912	36333	36471	36572	0.83	cps
Dysprosium	156-2	26121	25577	26081	25926	1.17	cps
Erbium	164-1	44307	44022	44648	44326	0.71	cps
Erbium	164-2	28295	28486	28382	28388	0.34	cps
Gadolinium	160-1	37788	37176	37243	37402	0.90	cps
Gadolinium	160-2	25039	25206	25209	25151	0.39	cps
Holmium	165-1	15189646	14910049	14808386	14969360	1.32	cps
Holmium	165-2	9663015	9539106	9578300	9593474	0.66	cps
Indium	115-1	11307636	11213821	11069095	11196851	1.07	cps
Indium	115-2	3504056	3488748	3511486	3501430	0.33	cps
Iron	56-2	126776768	126183418	125320141	126093443	0.58	cps
Iron	57-2	3105549	3136830	3101562	3114647	0.62	cps
Iron	54-2	6926768	6858644	6838289	6874567	0.67	cps
Krypton	83-1	227	150	127	168	31.18	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-06	Instrumnet Name :	P7
Client Sample ID :	YE0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:45:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	179809	181320	180052	180394	0.45	cps
Lead	207-1	153219	154220	153735	153725	0.33	cps
Lead	208-1	705295	710292	710319	708635	0.41	cps
Lithium	6-1	2193724	2152068	2133865	2159885	1.42	cps
Magnesium	24-2	1622266	1611796	1613405	1615822	0.35	cps
Manganese	55-2	4053179	4098882	4017705	4056589	1.00	cps
Molybdenum	94-1	6015	5965	6295	6091	2.92	cps
Molybdenum	95-1	1133	1193	1160	1162	2.59	cps
Molybdenum	96-1	3897	3904	3974	3925	1.08	cps
Molybdenum	97-1	700	683	750	711	4.88	cps
Molybdenum	98-1	1600	1607	1750	1652	5.13	cps
Neodymium	150-1	48011	47928	47814	47918	0.21	cps
Neodymium	150-2	25496	25794	25627	25639	0.58	cps
Nickel	60-2	11708	11721	11461	11630	1.26	cps
Phosphorus	31-2	8839	8566	8926	8777	2.14	cps
Potassium	39-2	1322451	1325724	1330142	1326105	0.29	cps
Rhodium	103-1	10153695	9897749	9943944	9998463	1.36	cps
Rhodium	103-2	5299958	5204443	5249394	5251265	0.91	cps
Scandium	45-1	5758058	5698303	5607057	5687806	1.34	cps
Scandium	45-2	473848	469327	474910	472695	0.63	cps
Selenium	82-1	338	397	476	403	17.19	cps
Selenium	77-2	67	83	63	71	15.07	cps
Selenium	78-2	173	177	200	183	7.92	cps
Silicon	28-1	27795740	27573270	27405245	27591418	0.71	cps
Silver	107-1	1153	1097	1220	1157	5.34	cps
Silver	109-1	960	1140	1150	1083	9.87	cps
Sodium	23-2	118289	117910	117753	117984	0.23	cps
Strontium	86-1	174108	172886	172355	173116	0.52	cps
Strontium	88-1	1521189	1508859	1510161	1513403	0.45	cps
Sulfur	34-1	122120	121374	120823	121439	0.54	cps
Terbium	159-1	15757377	15338049	15392183	15495869	1.47	cps
Terbium	159-2	9418468	9292136	9507790	9406131	1.15	cps
Thallium	203-1	1343	1213	1403	1320	7.36	cps
Thallium	205-1	3410	3094	3007	3170	6.70	cps
Tin	118-1	10070	9763	10050	9961	1.72	cps
Titanium	47-1	301957	299464	299177	300199	0.51	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-06	Instrumnet Name :	P7
Client Sample ID :	YE0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:45:24	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21030	21023	21277	21110	0.68	cps
Vanadium	51-2	502372	497576	497844	499264	0.54	cps
Yttrium	89-1	12485897	12212464	12183462	12293941	1.36	cps
Yttrium	89-2	2838146	2808884	2820784	2822604	0.52	cps
Zinc	66-2	127636	128490	126970	127699	0.60	cps
Zirconium	90-1	14637	14744	15241	14874	2.17	cps
Zirconium	91-1	3057	3404	3470	3310	6.70	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-07	Instrumnet Name :	P7
Client Sample ID :	YE0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:48:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2437145	2397217	2404367	2412910	0.88	cps
Antimony	121-1	577	540	517	544	5.56	cps
Arsenic	75-2	2534	2564	2630	2576	1.92	cps
Barium	135-1	622331	623780	616805	620972	0.59	cps
Barium	137-1	1075691	1076772	1068250	1073571	0.43	cps
Beryllium	9-1	1593	1577	1627	1599	1.59	cps
Bismuth	209-1	9215657	9275929	9276220	9255936	0.38	cps
Bismuth	209-2	6943736	6837595	6854578	6878636	0.83	cps
Bromine	81-1	9627	10137	10007	9923	2.67	cps
Bromine	81-2	483	567	513	521	8.10	cps
Cadmium	108-1	63	43	47	51	20.96	cps
Cadmium	106-1	3324	3204	3274	3267	1.85	cps
Cadmium	111-1	2666	2666	2629	2653	0.80	cps
Calcium	43-1	225665	226522	223517	225235	0.69	cps
Calcium	44-1	3372340	3336736	3376240	3361772	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32191	32204	32261	32219	0.12	cps
Cobalt	59-2	126840	126417	124991	126083	0.77	cps
Copper	63-2	183911	182953	184755	183873	0.49	cps
Dysprosium	156-1	36818	36210	35822	36283	1.38	cps
Dysprosium	156-2	25744	25961	25540	25748	0.82	cps
Erbium	164-1	43946	44370	44865	44394	1.04	cps
Erbium	164-2	28355	29054	28038	28482	1.82	cps
Gadolinium	160-1	38265	37797	38025	38029	0.62	cps
Gadolinium	160-2	25330	25016	25370	25238	0.77	cps
Holmium	165-1	14681922	14992668	14836885	14837158	1.05	cps
Holmium	165-2	9483061	9454752	9334808	9424207	0.84	cps
Indium	115-1	11026063	11151695	10982489	11053416	0.79	cps
Indium	115-2	3452244	3429427	3394299	3425323	0.85	cps
Iron	56-2	99416575	97747932	97711172	98291893	0.99	cps
Iron	57-2	2474509	2429381	2411885	2438592	1.33	cps
Iron	54-2	5351872	5276081	5285635	5304530	0.78	cps
Krypton	83-1	157	177	170	168	6.07	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-07	Instrumnet Name :	P7
Client Sample ID :	YE0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:48:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87794	87516	86875	87395	0.54	cps
Lead	207-1	74700	74308	74060	74356	0.43	cps
Lead	208-1	343020	342880	339540	341814	0.58	cps
Lithium	6-1	2127736	2162332	2109533	2133200	1.26	cps
Magnesium	24-2	1168088	1166899	1199488	1178158	1.57	cps
Manganese	55-2	3474525	3412787	3413978	3433763	1.03	cps
Molybdenum	94-1	2664	2437	2720	2607	5.75	cps
Molybdenum	95-1	570	540	523	544	4.34	cps
Molybdenum	96-1	2310	2327	2400	2346	2.04	cps
Molybdenum	97-1	267	290	280	279	4.20	cps
Molybdenum	98-1	610	703	663	659	7.11	cps
Neodymium	150-1	48409	48456	49590	48819	1.37	cps
Neodymium	150-2	26542	25814	25777	26044	1.66	cps
Nickel	60-2	7419	7412	7559	7463	1.11	cps
Phosphorus	31-2	3647	3564	3634	3615	1.24	cps
Potassium	39-2	845071	837948	841131	841383	0.42	cps
Rhodium	103-1	9864624	9831586	9783215	9826475	0.42	cps
Rhodium	103-2	5226234	5164494	5137562	5176097	0.88	cps
Scandium	45-1	5686012	5634777	5612817	5644535	0.67	cps
Scandium	45-2	470800	462525	458727	464017	1.33	cps
Selenium	82-1	358	397	388	381	5.38	cps
Selenium	77-2	50	33	60	48	28.20	cps
Selenium	78-2	197	217	217	210	5.50	cps
Silicon	28-1	21642021	21484237	21535912	21554057	0.37	cps
Silver	107-1	760	740	763	754	1.67	cps
Silver	109-1	713	730	770	738	3.95	cps
Sodium	23-2	99076	96684	98167	97976	1.23	cps
Strontium	86-1	100305	99651	99711	99889	0.36	cps
Strontium	88-1	869414	868531	862345	866764	0.44	cps
Sulfur	34-1	106518	104873	106403	105932	0.87	cps
Terbium	159-1	15223734	15399599	15447331	15356888	0.77	cps
Terbium	159-2	9315607	9272514	9261154	9283092	0.31	cps
Thallium	203-1	1150	1087	963	1067	8.90	cps
Thallium	205-1	2320	2490	2387	2399	3.57	cps
Tin	118-1	5888	5491	5881	5753	3.95	cps
Titanium	47-1	175598	173367	172608	173858	0.89	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-07	Instrumnet Name :	P7
Client Sample ID :	YE0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:48:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14855	14888	14892	14878	0.14	cps
Vanadium	51-2	381095	377247	377322	378555	0.58	cps
Yttrium	89-1	12144778	12191940	12056845	12131188	0.57	cps
Yttrium	89-2	2779735	2718521	2704518	2734258	1.46	cps
Zinc	66-2	32178	31390	31303	31623	1.52	cps
Zirconium	90-1	6471	6298	6211	6327	2.09	cps
Zirconium	91-1	1340	1493	1620	1485	9.45	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:53:37	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27181	27274	26740	27065	1.05	cps
Antimony	121-1	1640	1847	1760	1749	5.93	cps
Arsenic	75-2	73	103	103	93	18.56	cps
Barium	135-1	14771	14544	14661	14659	0.77	cps
Barium	137-1	25152	25446	25409	25336	0.63	cps
Beryllium	9-1	57	63	80	67	18.03	cps
Bismuth	209-1	9050306	8963291	8947765	8987121	0.61	cps
Bismuth	209-2	6975079	6839905	6780112	6865032	1.45	cps
Bromine	81-1	7752	7018	7299	7356	5.03	cps
Bromine	81-2	20	47	43	37	39.63	cps
Cadmium	108-1	17	17	13	16	12.40	cps
Cadmium	106-1	2730	2767	2904	2800	3.26	cps
Cadmium	111-1	1910	1929	2030	1956	3.31	cps
Calcium	43-1	26477	26357	26017	26284	0.91	cps
Calcium	44-1	434784	430740	428343	431289	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6201	6138	5885	6075	2.76	cps
Cobalt	59-2	453	580	487	507	12.96	cps
Copper	63-2	5351	5584	5588	5508	2.46	cps
Dysprosium	156-1	187	183	190	187	1.78	cps
Dysprosium	156-2	117	83	147	116	27.42	cps
Erbium	164-1	213	220	220	218	1.77	cps
Erbium	164-2	127	143	153	141	9.55	cps
Gadolinium	160-1	150	157	180	162	9.71	cps
Gadolinium	160-2	493	407	550	483	14.94	cps
Holmium	165-1	13754831	13831254	13756109	13780731	0.32	cps
Holmium	165-2	9249387	9077953	9052504	9126615	1.17	cps
Indium	115-1	10538959	10647079	10488101	10558046	0.77	cps
Indium	115-2	3445761	3368421	3321861	3378681	1.85	cps
Iron	56-2	821919	823117	819119	821385	0.25	cps
Iron	57-2	21362	21011	21369	21247	0.96	cps
Iron	54-2	45391	46438	45595	45808	1.21	cps
Krypton	83-1	127	110	93	110	15.15	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:53:37	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3627	3707	3300	3545	6.08	cps
Lead	207-1	3244	3317	3160	3240	2.42	cps
Lead	208-1	14787	15003	13993	14594	3.64	cps
Lithium	6-1	2011639	2060099	2027978	2033239	1.21	cps
Magnesium	24-2	46400	45955	45831	46062	0.65	cps
Manganese	55-2	14160	14047	14344	14183	1.06	cps
Molybdenum	94-1	5231	5274	5234	5247	0.46	cps
Molybdenum	95-1	1173	1283	1377	1278	7.97	cps
Molybdenum	96-1	2274	2084	2080	2146	5.16	cps
Molybdenum	97-1	830	770	787	796	3.89	cps
Molybdenum	98-1	1890	1970	2110	1990	5.60	cps
Neodymium	150-1	207	233	210	217	6.71	cps
Neodymium	150-2	107	117	93	106	11.09	cps
Nickel	60-2	687	660	790	712	9.64	cps
Phosphorus	31-2	223	143	167	178	23.14	cps
Potassium	39-2	63160	62892	62745	62933	0.33	cps
Rhodium	103-1	9398927	9500652	9327536	9409038	0.92	cps
Rhodium	103-2	5156493	5059206	5045065	5086921	1.19	cps
Scandium	45-1	5224251	5290803	5214693	5243249	0.79	cps
Scandium	45-2	444467	439397	439332	441065	0.67	cps
Selenium	82-1	287	283	297	289	2.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	147	130	127	134	7.97	cps
Silicon	28-1	17919181	17834456	17813351	17855663	0.31	cps
Silver	107-1	103	73	80	86	18.41	cps
Silver	109-1	73	43	43	53	32.48	cps
Sodium	23-2	874306	873180	872772	873419	0.09	cps
Strontium	86-1	13099	12602	12839	12847	1.94	cps
Strontium	88-1	112859	111280	110478	111539	1.09	cps
Sulfur	34-1	98736	97408	96576	97573	1.12	cps
Terbium	159-1	14272116	14406954	14350304	14343124	0.47	cps
Terbium	159-2	9141094	9069760	8994277	9068377	0.81	cps
Thallium	203-1	90	77	97	88	11.60	cps
Thallium	205-1	217	230	253	233	7.95	cps
Tin	118-1	8813	8986	8960	8920	1.05	cps
Titanium	47-1	8376	8963	8552	8630	3.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:53:37	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	280	270	297	282	4.77	cps
Vanadium	51-2	853	847	817	839	2.33	cps
Yttrium	89-1	11157007	11033862	10983831	11058233	0.81	cps
Yttrium	89-2	2625894	2548557	2538776	2571075	1.86	cps
Zinc	66-2	8239	8092	8039	8123	1.28	cps
Zirconium	90-1	12319	12232	12345	12299	0.48	cps
Zirconium	91-1	2654	2684	2614	2650	1.33	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-01	Instrumnet Name :	P7
Client Sample ID :	MH2GG8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:56:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1274884	1299668	1267555	1280702	1.31	cps
Antimony	121-1	52261	52900	52592	52584	0.61	cps
Arsenic	75-2	4211	4211	4281	4234	0.95	cps
Barium	135-1	973767	976030	980550	976782	0.35	cps
Barium	137-1	1768977	1765720	1759137	1764612	0.28	cps
Beryllium	9-1	1193	1240	1330	1255	5.54	cps
Bismuth	209-1	9000004	9021794	8928057	8983285	0.55	cps
Bismuth	209-2	6823297	6793828	6809936	6809020	0.22	cps
Bromine	81-1	16743	16987	16860	16863	0.72	cps
Bromine	81-2	1890	1833	1870	1865	1.54	cps
Cadmium	108-1	967	800	833	867	10.18	cps
Cadmium	106-1	4204	4377	4184	4255	2.50	cps
Cadmium	111-1	12400	12548	12289	12412	1.05	cps
Calcium	43-1	1822530	1837477	1839293	1833100	0.50	cps
Calcium	44-1	29364542	29415999	29582624	29454388	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129611	130586	128962	129719	0.63	cps
Cobalt	59-2	34436	35231	34520	34729	1.26	cps
Copper	63-2	369022	367390	369169	368527	0.27	cps
Dysprosium	156-1	34078	34275	35030	34461	1.46	cps
Dysprosium	156-2	26558	25854	26007	26140	1.42	cps
Erbium	164-1	29367	29441	29782	29530	0.75	cps
Erbium	164-2	18986	18753	18502	18747	1.29	cps
Gadolinium	160-1	31485	31442	31973	31633	0.93	cps
Gadolinium	160-2	21550	21640	21186	21459	1.12	cps
Holmium	165-1	14428422	14338807	14344774	14370668	0.35	cps
Holmium	165-2	9311875	9357474	9263607	9310985	0.50	cps
Indium	115-1	10649651	10611138	10628856	10629882	0.18	cps
Indium	115-2	3390163	3431775	3351231	3391056	1.19	cps
Iron	56-2	38994207	39151783	38734009	38960000	0.54	cps
Iron	57-2	1051305	1050845	1045957	1049369	0.28	cps
Iron	54-2	2139982	2142364	2127508	2136618	0.37	cps
Krypton	83-1	147	147	130	141	6.82	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-01	Instrumnet Name :	P7
Client Sample ID :	MH2GG8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:56:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3975803	4000181	4044152	4006712	0.86	cps
Lead	207-1	3427235	3487870	3466567	3460557	0.89	cps
Lead	208-1	15629586	15789882	15782366	15733945	0.57	cps
Lithium	6-1	2007514	2012989	1999404	2006636	0.34	cps
Magnesium	24-2	1964612	1969895	1964768	1966425	0.15	cps
Manganese	55-2	2095988	2084092	2109329	2096470	0.60	cps
Molybdenum	94-1	28435	27195	27456	27695	2.36	cps
Molybdenum	95-1	8262	7792	8282	8112	3.42	cps
Molybdenum	96-1	12729	12849	13396	12991	2.74	cps
Molybdenum	97-1	5121	5041	5234	5132	1.89	cps
Molybdenum	98-1	12922	12462	12953	12779	2.15	cps
Neodymium	150-1	56847	57299	57708	57285	0.75	cps
Neodymium	150-2	31064	30870	30653	30863	0.67	cps
Nickel	60-2	31850	31379	31369	31533	0.87	cps
Phosphorus	31-2	37078	36694	36437	36736	0.88	cps
Potassium	39-2	2173071	2186824	2189618	2183171	0.41	cps
Rhodium	103-1	9259321	9243057	9265146	9255841	0.12	cps
Rhodium	103-2	5052679	5097489	5067733	5072634	0.45	cps
Scandium	45-1	5247556	5263154	5241811	5250840	0.21	cps
Scandium	45-2	446008	452447	447580	448678	0.75	cps
Selenium	82-1	439	430	487	452	6.85	cps
Selenium	77-2	90	57	63	70	25.20	cps
Selenium	78-2	200	173	217	197	11.11	cps
Silicon	28-1	22537520	22971276	23051734	22853510	1.21	cps
Silver	107-1	16519	17140	17040	16900	1.97	cps
Silver	109-1	15388	16112	15996	15832	2.46	cps
Sodium	23-2	3530192	3546834	3502097	3526374	0.64	cps
Strontium	86-1	732383	734480	740080	735648	0.54	cps
Strontium	88-1	6356769	6414928	6514118	6428605	1.24	cps
Sulfur	34-1	195243	199383	201085	198570	1.51	cps
Terbium	159-1	14693697	14957833	15145246	14932259	1.52	cps
Terbium	159-2	9279762	9328319	9181183	9263088	0.81	cps
Thallium	203-1	2317	2270	2220	2269	2.13	cps
Thallium	205-1	5191	5531	5485	5402	3.41	cps
Tin	118-1	153275	155169	156554	154999	1.06	cps
Titanium	47-1	176313	175888	178644	176948	0.84	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-01	Instrumnet Name :	P7
Client Sample ID :	MH2GG8	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:56:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53068	53249	53801	53373	0.72	cps
Vanadium	51-2	83496	82208	81790	82498	1.08	cps
Yttrium	89-1	11447378	11379709	11487319	11438135	0.48	cps
Yttrium	89-2	2662655	2720641	2685950	2689748	1.08	cps
Zinc	66-2	582278	578766	579912	580319	0.31	cps
Zirconium	90-1	60681	62064	62094	61613	1.31	cps
Zirconium	91-1	13897	14200	14100	14066	1.10	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-02	Instrumnet Name :	P7
Client Sample ID :	MH2GG9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:59:57	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1162744	1158905	1155837	1159162	0.30	cps
Antimony	121-1	160434	163103	161963	161833	0.83	cps
Arsenic	75-2	4367	4547	4217	4377	3.78	cps
Barium	135-1	810338	812594	819393	814109	0.58	cps
Barium	137-1	1393683	1414076	1417781	1408513	0.92	cps
Beryllium	9-1	1167	1100	1163	1143	3.29	cps
Bismuth	209-1	9454434	9294556	9311289	9353426	0.94	cps
Bismuth	209-2	6913663	7238746	6902196	7018202	2.72	cps
Bromine	81-1	16883	17113	17604	17200	2.14	cps
Bromine	81-2	1707	1757	1843	1769	3.91	cps
Cadmium	108-1	730	780	730	747	3.87	cps
Cadmium	106-1	4167	4254	4254	4225	1.18	cps
Cadmium	111-1	10825	10581	10779	10728	1.21	cps
Calcium	43-1	1487539	1514918	1531308	1511255	1.46	cps
Calcium	44-1	24155243	24322743	24502691	24326892	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97177	98482	97532	97730	0.69	cps
Cobalt	59-2	29993	30174	30745	30304	1.29	cps
Copper	63-2	323426	323541	325464	324144	0.35	cps
Dysprosium	156-1	32478	32230	32685	32464	0.70	cps
Dysprosium	156-2	24044	24425	24077	24182	0.87	cps
Erbium	164-1	27534	27791	27661	27662	0.46	cps
Erbium	164-2	17307	17842	18369	17839	2.97	cps
Gadolinium	160-1	29758	30623	30370	30250	1.47	cps
Gadolinium	160-2	21106	19881	20418	20468	3.00	cps
Holmium	165-1	15075211	14765933	14813019	14884721	1.12	cps
Holmium	165-2	9411956	9797734	9497930	9569207	2.12	cps
Indium	115-1	11045101	11021638	11207333	11091357	0.91	cps
Indium	115-2	3472081	3581759	3442460	3498767	2.10	cps
Iron	56-2	33993576	33346940	33177823	33506113	1.28	cps
Iron	57-2	903260	897962	902927	901383	0.33	cps
Iron	54-2	1817483	1849764	1813899	1827049	1.08	cps
Krypton	83-1	140	160	163	154	8.17	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-02	Instrumnet Name :	P7
Client Sample ID :	MH2GG9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:59:57	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2646792	2699633	2703078	2683168	1.18	cps
Lead	207-1	2319886	2331670	2343306	2331621	0.50	cps
Lead	208-1	10590560	10572904	10640103	10601189	0.33	cps
Lithium	6-1	2128861	2101037	2094941	2108279	0.86	cps
Magnesium	24-2	1886065	1901160	1872206	1886477	0.77	cps
Manganese	55-2	1674874	1658659	1647317	1660284	0.83	cps
Molybdenum	94-1	28605	29363	29496	29155	1.65	cps
Molybdenum	95-1	7405	7239	7709	7451	3.20	cps
Molybdenum	96-1	12155	12325	12649	12376	2.03	cps
Molybdenum	97-1	4704	4751	4761	4739	0.64	cps
Molybdenum	98-1	11731	12158	12269	12053	2.35	cps
Neodymium	150-1	53247	53491	54147	53628	0.87	cps
Neodymium	150-2	28853	28609	28392	28618	0.81	cps
Nickel	60-2	26544	26417	26684	26548	0.50	cps
Phosphorus	31-2	30337	30838	30804	30660	0.91	cps
Potassium	39-2	1750331	1770461	1752605	1757799	0.63	cps
Rhodium	103-1	9714579	9681173	9731001	9708917	0.26	cps
Rhodium	103-2	5227884	5345716	5276939	5283513	1.12	cps
Scandium	45-1	5514621	5562549	5561372	5546181	0.49	cps
Scandium	45-2	467501	469121	460382	465668	1.00	cps
Selenium	82-1	542	450	454	482	10.74	cps
Selenium	77-2	63	80	87	77	15.68	cps
Selenium	78-2	230	273	227	243	10.70	cps
Silicon	28-1	20575848	20875406	21010166	20820473	1.07	cps
Silver	107-1	21072	21306	21269	21216	0.59	cps
Silver	109-1	19800	20181	19847	19943	1.04	cps
Sodium	23-2	2151768	2177067	2123331	2150722	1.25	cps
Strontium	86-1	622823	628962	642152	631312	1.56	cps
Strontium	88-1	5391770	5510621	5528587	5476993	1.36	cps
Sulfur	34-1	191797	195037	194427	193754	0.89	cps
Terbium	159-1	15386644	15467197	15458428	15437423	0.29	cps
Terbium	159-2	9499679	9470706	9376145	9448843	0.68	cps
Thallium	203-1	1977	2220	2210	2136	6.45	cps
Thallium	205-1	4958	5331	5431	5240	4.76	cps
Tin	118-1	72561	73275	75041	73626	1.73	cps
Titanium	47-1	148433	149166	150529	149376	0.71	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-02	Instrumnet Name :	P7
Client Sample ID :	MH2GG9	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 07:59:57	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48250	48779	48936	48655	0.74	cps
Vanadium	51-2	77608	79414	78871	78631	1.18	cps
Yttrium	89-1	11935656	11848456	11983519	11922544	0.57	cps
Yttrium	89-2	2747588	2805346	2753636	2768857	1.15	cps
Zinc	66-2	540695	547370	541991	543352	0.65	cps
Zirconium	90-1	65874	67695	69379	67649	2.59	cps
Zirconium	91-1	15108	15472	15398	15326	1.26	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-03	Instrumnet Name :	P7
Client Sample ID :	MH2GH0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:03:05	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1736254	1722677	1715010	1724647	0.62	cps
Antimony	121-1	147366	147962	148413	147914	0.35	cps
Arsenic	75-2	5811	5991	5828	5877	1.69	cps
Barium	135-1	1241664	1232678	1246615	1240319	0.57	cps
Barium	137-1	2234138	2243631	2251608	2243126	0.39	cps
Beryllium	9-1	1710	1797	1967	1825	7.16	cps
Bismuth	209-1	7798902	9384797	9199903	8794534	9.86	cps
Bismuth	209-2	6875473	6980948	6877200	6911207	0.87	cps
Bromine	81-1	20407	20985	21165	20853	1.90	cps
Bromine	81-2	2317	2237	2454	2336	4.69	cps
Cadmium	108-1	1020	933	947	967	4.83	cps
Cadmium	106-1	4167	5038	4707	4637	9.47	cps
Cadmium	111-1	14672	15345	14814	14944	2.37	cps
Calcium	43-1	2309185	2273447	2295064	2292565	0.79	cps
Calcium	44-1	37067086	36743541	36901021	36903883	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185590	185077	186798	185821	0.48	cps
Cobalt	59-2	43733	43349	43867	43650	0.62	cps
Copper	63-2	545836	541753	544810	544133	0.39	cps
Dysprosium	156-1	41909	42638	43200	42582	1.52	cps
Dysprosium	156-2	32447	31809	32798	32352	1.55	cps
Erbium	164-1	35916	35582	36548	36015	1.36	cps
Erbium	164-2	23446	22875	23179	23167	1.23	cps
Gadolinium	160-1	38951	39198	39362	39170	0.53	cps
Gadolinium	160-2	26335	26208	25704	26082	1.28	cps
Holmium	165-1	12529004	15504243	15059121	14364123	11.17	cps
Holmium	165-2	9659889	9660709	9439769	9586789	1.33	cps
Indium	115-1	9255821	11531858	10945943	10577874	11.17	cps
Indium	115-2	3528745	3478708	3457660	3488371	1.05	cps
Iron	56-2	54045786	53358419	53250518	53551574	0.81	cps
Iron	57-2	1442268	1436725	1439796	1439597	0.19	cps
Iron	54-2	2948447	2928563	2923908	2933639	0.44	cps
Krypton	83-1	120	150	187	152	21.94	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-03	Instrumnet Name :	P7
Client Sample ID :	MH2GH0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:03:05	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4109033	4105148	4198397	4137526	1.27	cps
Lead	207-1	3587479	3604080	3661671	3617744	1.08	cps
Lead	208-1	16410463	16340459	16617384	16456102	0.88	cps
Lithium	6-1	1790095	2140057	2135986	2022046	9.93	cps
Magnesium	24-2	2217949	2238965	2213654	2223523	0.61	cps
Manganese	55-2	2724726	2671160	2701510	2699132	1.00	cps
Molybdenum	94-1	34270	34197	34547	34338	0.54	cps
Molybdenum	95-1	11378	11174	11755	11436	2.58	cps
Molybdenum	96-1	17624	17651	17911	17729	0.89	cps
Molybdenum	97-1	7432	7455	7425	7438	0.21	cps
Molybdenum	98-1	18936	18809	18999	18915	0.51	cps
Neodymium	150-1	70106	69168	72234	70503	2.23	cps
Neodymium	150-2	37516	36808	38232	37519	1.90	cps
Nickel	60-2	47823	47565	47191	47526	0.67	cps
Phosphorus	31-2	50008	49530	49991	49843	0.54	cps
Potassium	39-2	2898845	2895592	2903799	2899412	0.14	cps
Rhodium	103-1	8201305	9983842	9677699	9287615	10.26	cps
Rhodium	103-2	5226708	5240639	5197373	5221573	0.42	cps
Scandium	45-1	4744019	5696341	5538067	5326142	9.58	cps
Scandium	45-2	472091	472408	467688	470729	0.56	cps
Selenium	82-1	554	632	566	584	7.12	cps
Selenium	77-2	90	107	117	104	12.90	cps
Selenium	78-2	200	237	227	221	8.57	cps
Silicon	28-1	27726640	27673180	27748236	27716019	0.14	cps
Silver	107-1	29964	30522	30586	30357	1.13	cps
Silver	109-1	28401	28869	29293	28854	1.55	cps
Sodium	23-2	14596554	14592647	14615186	14601463	0.08	cps
Strontium	86-1	931093	925190	933039	929774	0.44	cps
Strontium	88-1	8088435	8076156	8141058	8101883	0.43	cps
Sulfur	34-1	235477	232941	235751	234723	0.66	cps
Terbium	159-1	12827019	15919816	15520429	14755755	11.40	cps
Terbium	159-2	9526511	9487868	9439348	9484575	0.46	cps
Thallium	203-1	2774	2787	2980	2847	4.06	cps
Thallium	205-1	6598	6538	6688	6608	1.14	cps
Tin	118-1	185807	186072	187524	186468	0.50	cps
Titanium	47-1	241064	240081	241062	240735	0.24	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-03	Instrumnet Name :	P7
Client Sample ID :	MH2GH0	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:03:05	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71105	71192	72586	71628	1.16	cps
Vanadium	51-2	108653	108574	108493	108573	0.07	cps
Yttrium	89-1	10272167	12502329	12083547	11619348	10.20	cps
Yttrium	89-2	2836352	2799477	2838390	2824740	0.78	cps
Zinc	66-2	734139	733493	737585	735072	0.30	cps
Zirconium	90-1	74169	75409	75137	74905	0.87	cps
Zirconium	91-1	16309	17020	16603	16644	2.15	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-04	Instrumnet Name :	P7
Client Sample ID :	MH2GH1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:06:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1459360	1452266	1434189	1448605	0.90	cps
Antimony	121-1	170366	173802	173819	172663	1.15	cps
Arsenic	75-2	5608	5891	5501	5667	3.56	cps
Barium	135-1	784745	796497	806724	795989	1.38	cps
Barium	137-1	1371566	1381384	1390761	1381237	0.69	cps
Beryllium	9-1	1440	1420	1450	1437	1.06	cps
Bismuth	209-1	9345379	9198342	9366149	9303290	0.98	cps
Bismuth	209-2	7081428	6880863	6864443	6942245	1.74	cps
Bromine	81-1	29112	29743	30662	29839	2.61	cps
Bromine	81-2	3991	3734	3764	3829	3.67	cps
Cadmium	108-1	880	840	840	853	2.71	cps
Cadmium	106-1	4531	4664	4497	4564	1.93	cps
Cadmium	111-1	12306	12620	12324	12416	1.42	cps
Calcium	43-1	1992856	2007438	2039386	2013227	1.18	cps
Calcium	44-1	32365583	32444562	32556167	32455437	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123511	122657	121951	122706	0.64	cps
Cobalt	59-2	47073	46144	46080	46433	1.20	cps
Copper	63-2	507496	511657	507681	508945	0.46	cps
Dysprosium	156-1	42504	43189	43517	43070	1.20	cps
Dysprosium	156-2	32838	32154	32437	32476	1.06	cps
Erbium	164-1	36745	37403	38553	37567	2.44	cps
Erbium	164-2	24298	24074	24198	24190	0.46	cps
Gadolinium	160-1	39910	40833	40218	40320	1.17	cps
Gadolinium	160-2	26726	27136	26736	26866	0.87	cps
Holmium	165-1	15228611	15460855	15326004	15338490	0.76	cps
Holmium	165-2	9916954	9796609	9753679	9822414	0.86	cps
Indium	115-1	11167790	11187099	11333071	11229320	0.80	cps
Indium	115-2	3497313	3444726	3439861	3460633	0.92	cps
Iron	56-2	48874458	48209648	48474116	48519407	0.69	cps
Iron	57-2	1297757	1300569	1294529	1297618	0.23	cps
Iron	54-2	2650348	2679146	2618294	2649263	1.15	cps
Krypton	83-1	193	150	173	172	12.59	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-04	Instrumnet Name :	P7
Client Sample ID :	MH2GH1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:06:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2758455	2755886	2816401	2776914	1.23	cps
Lead	207-1	2366348	2386653	2448470	2400490	1.78	cps
Lead	208-1	10856014	10893259	11113268	10954180	1.27	cps
Lithium	6-1	2124950	2166006	2174021	2154993	1.22	cps
Magnesium	24-2	2613882	2629094	2645751	2629576	0.61	cps
Manganese	55-2	1953662	1916114	1885698	1918491	1.77	cps
Molybdenum	94-1	36258	36626	36856	36580	0.82	cps
Molybdenum	95-1	14090	13920	14167	14059	0.90	cps
Molybdenum	96-1	20822	21175	21212	21070	1.02	cps
Molybdenum	97-1	9096	9173	8669	8980	3.02	cps
Molybdenum	98-1	23265	23292	23649	23402	0.92	cps
Neodymium	150-1	70361	72960	73138	72153	2.15	cps
Neodymium	150-2	38770	38646	37507	38307	1.82	cps
Nickel	60-2	31199	30207	30949	30785	1.68	cps
Phosphorus	31-2	39544	40681	39838	40021	1.47	cps
Potassium	39-2	2570585	2580437	2547316	2566113	0.66	cps
Rhodium	103-1	9799777	9880010	9885748	9855178	0.49	cps
Rhodium	103-2	5296748	5239551	5277431	5271243	0.55	cps
Scandium	45-1	5700545	5736645	5754008	5730399	0.48	cps
Scandium	45-2	479202	476346	477698	477749	0.30	cps
Selenium	82-1	878	907	861	882	2.61	cps
Selenium	77-2	150	193	157	167	14.00	cps
Selenium	78-2	310	413	380	368	14.34	cps
Silicon	28-1	22386414	22618166	22535519	22513366	0.52	cps
Silver	107-1	15141	14871	15408	15140	1.77	cps
Silver	109-1	14307	14474	14487	14423	0.70	cps
Sodium	23-2	34201968	34297830	33903129	34134309	0.60	cps
Strontium	86-1	973245	987652	984424	981774	0.77	cps
Strontium	88-1	8468825	8566506	8637498	8557609	0.99	cps
Sulfur	34-1	551650	562155	561991	558598	1.08	cps
Terbium	159-1	15885999	15938556	15877606	15900720	0.21	cps
Terbium	159-2	9767739	9527750	9663151	9652880	1.25	cps
Thallium	203-1	2444	2654	2634	2577	4.50	cps
Thallium	205-1	6138	6298	6458	6298	2.54	cps
Tin	118-1	195714	199130	198122	197655	0.89	cps
Titanium	47-1	204792	207657	208181	206877	0.88	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-04	Instrumnet Name :	P7
Client Sample ID :	MH2GH1	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:06:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	89682	91572	91635	90963	1.22	cps
Vanadium	51-2	96700	96254	96633	96529	0.25	cps
Yttrium	89-1	12361937	12330979	12437888	12376935	0.44	cps
Yttrium	89-2	2860039	2817638	2845286	2840988	0.76	cps
Zinc	66-2	571192	571763	569726	570894	0.18	cps
Zirconium	90-1	74116	76581	77473	76057	2.29	cps
Zirconium	91-1	16750	17107	17237	17031	1.48	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05	Instrumnet Name :	P7
Client Sample ID :	MH2GH2	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:09:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1167884	1162164	1166811	1165620	0.26	cps
Antimony	121-1	40403	40380	40022	40268	0.53	cps
Arsenic	75-2	6505	6335	6451	6430	1.35	cps
Barium	135-1	884190	895777	890743	890237	0.65	cps
Barium	137-1	1533391	1608410	1607921	1583241	2.73	cps
Beryllium	9-1	1023	1030	923	992	6.02	cps
Bismuth	209-1	9293661	9285544	9195324	9258176	0.59	cps
Bismuth	209-2	6852039	6943570	6714097	6836569	1.69	cps
Bromine	81-1	28264	29095	29837	29065	2.71	cps
Bromine	81-2	3814	3657	3664	3712	2.39	cps
Cadmium	108-1	907	823	920	883	5.93	cps
Cadmium	106-1	4818	4597	4657	4691	2.43	cps
Cadmium	111-1	12704	13196	13047	12982	1.94	cps
Calcium	43-1	2414097	2425501	2401887	2413828	0.49	cps
Calcium	44-1	38876217	38937762	38560310	38791430	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138761	139212	138115	138696	0.40	cps
Cobalt	59-2	38569	39118	38506	38731	0.87	cps
Copper	63-2	276378	277414	278924	277572	0.46	cps
Dysprosium	156-1	38763	37751	37209	37908	2.08	cps
Dysprosium	156-2	28078	27791	27687	27852	0.73	cps
Erbium	164-1	31913	32738	32638	32430	1.39	cps
Erbium	164-2	20378	20475	20582	20478	0.50	cps
Gadolinium	160-1	36147	36778	36561	36495	0.88	cps
Gadolinium	160-2	24128	23393	24054	23858	1.70	cps
Holmium	165-1	15020138	15097209	15192868	15103405	0.57	cps
Holmium	165-2	9580301	9550334	9396553	9509063	1.04	cps
Indium	115-1	11143550	10956544	10945028	11015041	1.01	cps
Indium	115-2	3456496	3402425	3310300	3389740	2.18	cps
Iron	56-2	82587854	83914864	82706299	83069672	0.88	cps
Iron	57-2	2108594	2132561	2103326	2114827	0.74	cps
Iron	54-2	4600502	4487272	4484017	4523930	1.47	cps
Krypton	83-1	190	130	167	162	18.64	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05	Instrumnet Name :	P7
Client Sample ID :	MH2GH2	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:09:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4200465	4326509	4248426	4258466	1.49	cps
Lead	207-1	3687298	3770158	3716345	3724600	1.13	cps
Lead	208-1	16717897	16999371	16793820	16837029	0.86	cps
Lithium	6-1	2109640	2089069	2131732	2110147	1.01	cps
Magnesium	24-2	1777849	1711951	1746188	1745330	1.89	cps
Manganese	55-2	1222936	1212402	1221186	1218841	0.46	cps
Molybdenum	94-1	49537	50262	50550	50116	1.04	cps
Molybdenum	95-1	17667	18008	17871	17849	0.96	cps
Molybdenum	96-1	26972	27409	27092	27157	0.83	cps
Molybdenum	97-1	11151	11208	10967	11109	1.13	cps
Molybdenum	98-1	28481	29273	29533	29096	1.88	cps
Neodymium	150-1	64982	65076	64694	64917	0.31	cps
Neodymium	150-2	33754	34425	34519	34233	1.22	cps
Nickel	60-2	25412	25391	25679	25494	0.63	cps
Phosphorus	31-2	40975	40463	40737	40725	0.63	cps
Potassium	39-2	3238403	3209924	3244800	3231042	0.57	cps
Rhodium	103-1	9673769	9717315	9636784	9675956	0.42	cps
Rhodium	103-2	5144194	5140246	5067399	5117280	0.85	cps
Scandium	45-1	5580165	5479025	5499864	5519685	0.97	cps
Scandium	45-2	462922	461574	458260	460918	0.52	cps
Selenium	82-1	2939	3164	2879	2994	5.02	cps
Selenium	77-2	333	367	310	337	8.46	cps
Selenium	78-2	907	910	1040	952	7.99	cps
Silicon	28-1	19088171	19013925	19093210	19065102	0.23	cps
Silver	107-1	18712	19356	19483	19184	2.16	cps
Silver	109-1	18118	18899	17911	18309	2.85	cps
Sodium	23-2	20734509	20343936	20474802	20517749	0.97	cps
Strontium	86-1	1096530	1104521	1104114	1101721	0.41	cps
Strontium	88-1	9606103	9596843	9680517	9627821	0.48	cps
Sulfur	34-1	1022553	1017035	1021788	1020459	0.29	cps
Terbium	159-1	15687901	15601340	15596570	15628604	0.33	cps
Terbium	159-2	9636469	9260047	9363038	9419851	2.07	cps
Thallium	203-1	1913	2010	1903	1942	3.03	cps
Thallium	205-1	4411	4531	4644	4529	2.58	cps
Tin	118-1	125420	125719	125403	125514	0.14	cps
Titanium	47-1	177517	178471	178198	178062	0.28	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05	Instrumnet Name :	P7
Client Sample ID :	MH2GH2	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:09:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57631	58266	58675	58191	0.90	cps
Vanadium	51-2	79394	80145	79079	79539	0.69	cps
Yttrium	89-1	12224364	12141501	12000440	12122102	0.93	cps
Yttrium	89-2	2755918	2788375	2689814	2744702	1.83	cps
Zinc	66-2	748888	745862	745749	746833	0.24	cps
Zirconium	90-1	107082	109746	109541	108790	1.36	cps
Zirconium	91-1	24414	24631	24677	24574	0.57	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-06	Instrumnet Name :	P7
Client Sample ID :	MH2GH2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:12:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1182102	1185526	1178906	1182178	0.28	cps
Antimony	121-1	40748	40640	40704	40697	0.13	cps
Arsenic	75-2	6555	6765	6835	6718	2.17	cps
Barium	135-1	919658	913247	920477	917794	0.43	cps
Barium	137-1	1638502	1652409	1639802	1643571	0.47	cps
Beryllium	9-1	997	1007	1047	1017	2.60	cps
Bismuth	209-1	9417014	9171141	9426795	9338317	1.55	cps
Bismuth	209-2	6752245	6779738	6768312	6766765	0.20	cps
Bromine	81-1	29252	29329	29967	29516	1.33	cps
Bromine	81-2	3824	3947	3951	3907	1.85	cps
Cadmium	108-1	910	930	940	927	1.65	cps
Cadmium	106-1	4674	4821	4597	4697	2.42	cps
Cadmium	111-1	13466	13668	13438	13524	0.93	cps
Calcium	43-1	2484981	2477531	2472143	2478219	0.26	cps
Calcium	44-1	39471207	39245553	39271997	39329586	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137580	136803	136221	136868	0.50	cps
Cobalt	59-2	39652	39672	39542	39622	0.18	cps
Copper	63-2	287136	283818	282247	284400	0.88	cps
Dysprosium	156-1	39402	38245	39121	38923	1.55	cps
Dysprosium	156-2	28963	28496	28322	28594	1.16	cps
Erbium	164-1	33574	33393	34366	33777	1.53	cps
Erbium	164-2	21263	20719	20635	20872	1.63	cps
Gadolinium	160-1	36902	37269	36354	36842	1.25	cps
Gadolinium	160-2	24668	24294	24435	24466	0.77	cps
Holmium	165-1	15384908	14942189	14983709	15103602	1.62	cps
Holmium	165-2	9465675	9343463	9210994	9340044	1.36	cps
Indium	115-1	11068507	11041131	10921478	11010372	0.71	cps
Indium	115-2	3358687	3364896	3375641	3366408	0.25	cps
Iron	56-2	84317859	83909470	83146077	83791135	0.71	cps
Iron	57-2	2135659	2137437	2101722	2124939	0.95	cps
Iron	54-2	4563367	4526719	4516329	4535472	0.54	cps
Krypton	83-1	183	180	173	179	2.85	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-06	Instrumnet Name :	P7
Client Sample ID :	MH2GH2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:12:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4152921	4182584	4174416	4169974	0.37	cps
Lead	207-1	3659279	3644629	3732884	3678931	1.29	cps
Lead	208-1	16536261	16473483	16611850	16540531	0.42	cps
Lithium	6-1	2088973	2078891	2067502	2078455	0.52	cps
Magnesium	24-2	1789027	1804721	1792215	1795321	0.46	cps
Manganese	55-2	1232393	1243901	1239721	1238672	0.47	cps
Molybdenum	94-1	49336	50748	49905	49996	1.42	cps
Molybdenum	95-1	17878	17334	18218	17810	2.50	cps
Molybdenum	96-1	26851	27306	26992	27050	0.86	cps
Molybdenum	97-1	11271	11148	11108	11175	0.76	cps
Molybdenum	98-1	29079	29466	29179	29241	0.69	cps
Neodymium	150-1	65230	67122	67946	66766	2.09	cps
Neodymium	150-2	34362	34415	34145	34307	0.42	cps
Nickel	60-2	26223	26413	26747	26461	1.00	cps
Phosphorus	31-2	42078	41981	41316	41791	0.99	cps
Potassium	39-2	3323420	3283226	3279757	3295468	0.74	cps
Rhodium	103-1	9700929	9623309	9537620	9620619	0.85	cps
Rhodium	103-2	5147194	5079488	5009396	5078693	1.36	cps
Scandium	45-1	5485878	5505750	5426389	5472672	0.75	cps
Scandium	45-2	451564	455433	450235	452411	0.60	cps
Selenium	82-1	3068	3071	3022	3054	0.89	cps
Selenium	77-2	247	323	267	279	14.26	cps
Selenium	78-2	933	970	983	962	2.69	cps
Silicon	28-1	19892251	19921475	19683365	19832363	0.65	cps
Silver	107-1	19196	19610	19533	19446	1.13	cps
Silver	109-1	18458	18495	18442	18465	0.15	cps
Sodium	23-2	20848403	20826755	20900015	20858391	0.18	cps
Strontium	86-1	1127799	1135286	1127081	1130055	0.40	cps
Strontium	88-1	9815220	9913488	9908338	9879016	0.56	cps
Sulfur	34-1	1055112	1044713	1048270	1049365	0.50	cps
Terbium	159-1	15738900	15625769	15319910	15561526	1.39	cps
Terbium	159-2	9252874	9330329	9541420	9374874	1.59	cps
Thallium	203-1	1967	1977	2144	2029	4.89	cps
Thallium	205-1	4968	4881	4898	4915	0.94	cps
Tin	118-1	128752	129223	128124	128700	0.43	cps
Titanium	47-1	182336	183416	179372	181708	1.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-06	Instrumnet Name :	P7
Client Sample ID :	MH2GH2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:12:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	58005	59268	59589	58954	1.42	cps
Vanadium	51-2	82212	80650	80647	81170	1.11	cps
Yttrium	89-1	12014639	12061051	11992469	12022720	0.29	cps
Yttrium	89-2	2762798	2701404	2701404	2721869	1.30	cps
Zinc	66-2	764889	758512	756993	760131	0.55	cps
Zirconium	90-1	107818	110213	108383	108805	1.15	cps
Zirconium	91-1	23743	24400	24267	24137	1.44	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05LX5	Instrumnet Name :	P7
Client Sample ID :	MH2GH2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 08:15:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247852	246393	245692	246646	0.45	cps
Antimony	121-1	8056	8099	8416	8190	2.40	cps
Arsenic	75-2	1347	1403	1307	1352	3.59	cps
Barium	135-1	184158	183973	183097	183743	0.31	cps
Barium	137-1	320845	320238	319687	320257	0.18	cps
Beryllium	9-1	273	270	260	268	2.59	cps
Bismuth	209-1	9433684	9283213	9236782	9317893	1.10	cps
Bismuth	209-2	6941863	6969460	6951645	6954323	0.20	cps
Bromine	81-1	12729	12862	12896	12829	0.69	cps
Bromine	81-2	877	890	867	878	1.33	cps
Cadmium	108-1	260	137	190	196	31.63	cps
Cadmium	106-1	3544	3530	3374	3483	2.72	cps
Cadmium	111-1	4399	4489	4549	4479	1.69	cps
Calcium	43-1	539915	538782	542422	540373	0.34	cps
Calcium	44-1	8089371	8056310	7973914	8039865	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29572	29803	29108	29494	1.20	cps
Cobalt	59-2	8563	8236	8279	8359	2.12	cps
Copper	63-2	60819	60943	62332	61365	1.37	cps
Dysprosium	156-1	7766	7572	7732	7690	1.34	cps
Dysprosium	156-2	6265	5791	5988	6015	3.96	cps
Erbium	164-1	6828	6665	6692	6728	1.30	cps
Erbium	164-2	4361	4454	4037	4284	5.11	cps
Gadolinium	160-1	7379	7599	7372	7450	1.73	cps
Gadolinium	160-2	5188	5548	5288	5341	3.48	cps
Holmium	165-1	14992191	15013809	14806404	14937468	0.76	cps
Holmium	165-2	9557483	9354576	9504545	9472201	1.11	cps
Indium	115-1	11267929	11267829	11143076	11226278	0.64	cps
Indium	115-2	3427107	3450916	3447045	3441689	0.37	cps
Iron	56-2	17425879	17636798	17413628	17492102	0.72	cps
Iron	57-2	468175	467531	467383	467696	0.09	cps
Iron	54-2	1015391	1013713	1019129	1016078	0.27	cps
Krypton	83-1	117	103	100	107	8.27	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05LX5	Instrumnet Name :	P7
Client Sample ID :	MH2GH2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 08:15:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	794624	801566	802633	799608	0.54	cps
Lead	207-1	689851	690377	682540	687589	0.64	cps
Lead	208-1	3145450	3135983	3135535	3138989	0.18	cps
Lithium	6-1	2062895	2016364	2054034	2044431	1.21	cps
Magnesium	24-2	383212	380559	380758	381510	0.39	cps
Manganese	55-2	259402	257103	257778	258094	0.46	cps
Molybdenum	94-1	10554	10450	10394	10466	0.78	cps
Molybdenum	95-1	3724	3567	3657	3649	2.15	cps
Molybdenum	96-1	5371	5641	5641	5551	2.81	cps
Molybdenum	97-1	2334	2297	2197	2276	3.11	cps
Molybdenum	98-1	5951	5985	6228	6055	2.50	cps
Neodymium	150-1	13353	13256	13643	13418	1.50	cps
Neodymium	150-2	6878	7465	6895	7080	4.72	cps
Nickel	60-2	5815	5718	5621	5718	1.69	cps
Phosphorus	31-2	9136	8492	8746	8791	3.69	cps
Potassium	39-2	763782	760600	764660	763014	0.28	cps
Rhodium	103-1	10080936	9927768	9862518	9957074	1.13	cps
Rhodium	103-2	5298432	5252166	5275448	5275349	0.44	cps
Scandium	45-1	5582421	5528439	5498365	5536408	0.77	cps
Scandium	45-2	460626	462677	459339	460881	0.37	cps
Selenium	82-1	840	916	849	869	4.79	cps
Selenium	77-2	67	83	50	67	25.00	cps
Selenium	78-2	300	227	290	272	14.61	cps
Silicon	28-1	4121521	4062167	4106869	4096852	0.75	cps
Silver	107-1	3927	4037	4017	3994	1.47	cps
Silver	109-1	3747	3931	3724	3801	2.98	cps
Sodium	23-2	4242975	4281290	4294916	4273060	0.63	cps
Strontium	86-1	228475	227602	227473	227850	0.24	cps
Strontium	88-1	1993300	1991226	1990403	1991643	0.07	cps
Sulfur	34-1	315947	313626	314345	314640	0.38	cps
Terbium	159-1	15588327	15450223	15245065	15427872	1.12	cps
Terbium	159-2	9336018	9334892	9280720	9317210	0.34	cps
Thallium	203-1	443	390	357	397	11.02	cps
Thallium	205-1	987	927	930	948	3.56	cps
Tin	118-1	26661	26381	27226	26756	1.61	cps
Titanium	47-1	37386	37416	37466	37423	0.11	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05LX5	Instrumnet Name :	P7
Client Sample ID :	MH2GH2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 08:15:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11568	11362	11482	11471	0.91	cps
Vanadium	51-2	17056	16673	16696	16808	1.28	cps
Yttrium	89-1	11860406	11705520	11627466	11731131	1.01	cps
Yttrium	89-2	2740040	2676104	2703116	2706420	1.19	cps
Zinc	66-2	162024	162234	162382	162213	0.11	cps
Zirconium	90-1	22441	22581	22324	22448	0.57	cps
Zirconium	91-1	5041	5004	5218	5088	2.24	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-07	Instrumnet Name :	P7
Client Sample ID :	MH2GH2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:18:36	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1196753	1188107	1193201	1192687	0.36	cps
Antimony	121-1	167772	167506	165368	166882	0.79	cps
Arsenic	75-2	8362	8279	7996	8212	2.34	cps
Barium	135-1	1509494	1530229	1529696	1523140	0.78	cps
Barium	137-1	2737973	2733257	2769683	2746971	0.72	cps
Beryllium	9-1	11064	10901	10750	10905	1.44	cps
Bismuth	209-1	9081295	9115968	9011950	9069738	0.58	cps
Bismuth	209-2	6892039	6687707	6671474	6750407	1.82	cps
Bromine	81-1	27673	28133	28377	28061	1.28	cps
Bromine	81-2	3641	3477	3504	3540	2.48	cps
Cadmium	108-1	1863	1860	1923	1882	1.89	cps
Cadmium	106-1	6388	6098	5881	6122	4.15	cps
Cadmium	111-1	28753	29224	28176	28718	1.83	cps
Calcium	43-1	2319580	2303392	2296558	2306510	0.51	cps
Calcium	44-1	37519158	37258699	37100639	37292832	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	221654	216458	214043	217385	1.79	cps
Cobalt	59-2	359732	353661	350055	354483	1.38	cps
Copper	63-2	376073	373522	373191	374262	0.42	cps
Dysprosium	156-1	37433	37383	37269	37362	0.22	cps
Dysprosium	156-2	27901	27661	27166	27576	1.36	cps
Erbium	164-1	31475	31763	31950	31729	0.75	cps
Erbium	164-2	19824	19527	19737	19696	0.78	cps
Gadolinium	160-1	35261	34980	34813	35018	0.65	cps
Gadolinium	160-2	22892	23296	23463	23217	1.26	cps
Holmium	165-1	14804154	14716617	14840526	14787099	0.43	cps
Holmium	165-2	9487903	9170256	9269784	9309314	1.75	cps
Indium	115-1	10895811	11021731	10679749	10865764	1.59	cps
Indium	115-2	3426261	3278641	3299816	3334906	2.39	cps
Iron	56-2	79849827	80134902	80427427	80137385	0.36	cps
Iron	57-2	2033935	2036570	2026925	2032476	0.25	cps
Iron	54-2	4402825	4371897	4340528	4371750	0.71	cps
Krypton	83-1	180	160	147	162	10.34	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-07	Instrumnet Name :	P7
Client Sample ID :	MH2GH2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:18:36	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4030804	4092239	4147051	4090031	1.42	cps
Lead	207-1	3541326	3559040	3563259	3554542	0.33	cps
Lead	208-1	15923385	16010012	16046212	15993203	0.39	cps
Lithium	6-1	2086251	2040288	2066066	2064202	1.12	cps
Magnesium	24-2	1705054	1692419	1697090	1698188	0.38	cps
Manganese	55-2	1338037	1340110	1331354	1336500	0.34	cps
Molybdenum	94-1	47122	47386	47450	47319	0.37	cps
Molybdenum	95-1	16967	16643	16836	16815	0.97	cps
Molybdenum	96-1	25552	25933	25783	25756	0.74	cps
Molybdenum	97-1	10841	10501	10714	10685	1.61	cps
Molybdenum	98-1	27997	27109	28003	27703	1.86	cps
Neodymium	150-1	63144	63515	63194	63284	0.32	cps
Neodymium	150-2	32327	32558	33136	32673	1.27	cps
Nickel	60-2	104507	106065	104467	105013	0.87	cps
Phosphorus	31-2	39347	39939	39588	39624	0.75	cps
Potassium	39-2	3140077	3150686	3075872	3122211	1.30	cps
Rhodium	103-1	9544848	9439420	9411015	9465095	0.74	cps
Rhodium	103-2	5158967	4991728	5009975	5053556	1.82	cps
Scandium	45-1	5531998	5426935	5363228	5440721	1.57	cps
Scandium	45-2	446701	443886	448945	446511	0.57	cps
Selenium	82-1	4748	4624	4701	4691	1.34	cps
Selenium	77-2	463	510	413	462	10.46	cps
Selenium	78-2	1353	1340	1480	1391	5.55	cps
Silicon	28-1	19743066	19839176	19695683	19759308	0.37	cps
Silver	107-1	93146	92871	91912	92643	0.70	cps
Silver	109-1	89139	89648	88893	89227	0.43	cps
Sodium	23-2	19781079	19558308	19477904	19605764	0.80	cps
Strontium	86-1	1060968	1062207	1060570	1061248	0.08	cps
Strontium	88-1	9379758	9240072	9275988	9298606	0.78	cps
Sulfur	34-1	998453	996105	996274	996944	0.13	cps
Terbium	159-1	15450204	15242455	15340001	15344220	0.68	cps
Terbium	159-2	9100667	9348824	9191698	9213730	1.36	cps
Thallium	203-1	62161	62178	61886	62075	0.26	cps
Thallium	205-1	146556	149555	147780	147963	1.02	cps
Tin	118-1	120734	121500	121040	121091	0.32	cps
Titanium	47-1	179929	179308	180074	179770	0.23	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-07	Instrumnet Name :	P7
Client Sample ID :	MH2GH2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:18:36	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55123	55086	55568	55259	0.49	cps
Vanadium	51-2	263526	262807	264150	263494	0.26	cps
Yttrium	89-1	11938541	11805648	11722947	11822379	0.92	cps
Yttrium	89-2	2742616	2630572	2682380	2685189	2.09	cps
Zinc	66-2	763883	756708	759935	760175	0.47	cps
Zirconium	90-1	102944	102598	101424	102322	0.78	cps
Zirconium	91-1	22704	23475	22845	23008	1.79	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-08	Instrumnet Name :	P7
Client Sample ID :	MH2GH3	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:21:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	544147	544525	544491	544387	0.04	cps
Antimony	121-1	27837	28325	28535	28232	1.27	cps
Arsenic	75-2	1100	1003	1063	1056	4.62	cps
Barium	135-1	288595	291684	293367	291215	0.83	cps
Barium	137-1	500666	505952	505928	504182	0.60	cps
Beryllium	9-1	560	527	650	579	11.02	cps
Bismuth	209-1	9234055	9256220	9268936	9253070	0.19	cps
Bismuth	209-2	6951229	6870749	6862965	6894981	0.71	cps
Bromine	81-1	15201	15985	16493	15893	4.09	cps
Bromine	81-2	1450	1357	1503	1437	5.17	cps
Cadmium	108-1	243	227	263	244	7.51	cps
Cadmium	106-1	3867	3761	3527	3718	4.68	cps
Cadmium	111-1	4040	4147	3945	4044	2.50	cps
Calcium	43-1	1206345	1228031	1231947	1222108	1.13	cps
Calcium	44-1	18129556	18208890	18305331	18214592	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43680	43319	43660	43553	0.47	cps
Cobalt	59-2	13062	13199	12545	12936	2.67	cps
Copper	63-2	215218	210052	211388	212219	1.26	cps
Dysprosium	156-1	21043	21270	21113	21142	0.55	cps
Dysprosium	156-2	16670	17504	17574	17250	2.92	cps
Erbium	164-1	16650	16743	17124	16839	1.49	cps
Erbium	164-2	10928	10621	10651	10733	1.58	cps
Gadolinium	160-1	17171	17157	17371	17233	0.69	cps
Gadolinium	160-2	11455	11695	11431	11527	1.27	cps
Holmium	165-1	15158936	14988436	15166084	15104485	0.67	cps
Holmium	165-2	9659317	9526887	9451740	9545981	1.10	cps
Indium	115-1	11240681	11336186	11277423	11284763	0.43	cps
Indium	115-2	3529236	3459710	3473177	3487374	1.06	cps
Iron	56-2	9872750	9750538	9767742	9797010	0.68	cps
Iron	57-2	275808	276109	276011	275976	0.06	cps
Iron	54-2	573797	568328	566687	569604	0.65	cps
Krypton	83-1	177	140	103	140	26.19	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-08	Instrumnet Name :	P7
Client Sample ID :	MH2GH3	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:21:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	265169	264268	265764	265067	0.28	cps
Lead	207-1	220826	226876	226118	224607	1.47	cps
Lead	208-1	1025619	1044898	1045150	1038556	1.08	cps
Lithium	6-1	2067298	2126633	2110862	2101597	1.46	cps
Magnesium	24-2	3780172	3746820	3711841	3746278	0.91	cps
Manganese	55-2	837274	827810	825992	830359	0.73	cps
Molybdenum	94-1	41091	41513	41352	41319	0.51	cps
Molybdenum	95-1	4687	4774	4594	4685	1.92	cps
Molybdenum	96-1	11335	11745	12332	11804	4.25	cps
Molybdenum	97-1	3100	2870	2974	2981	3.86	cps
Molybdenum	98-1	7532	7515	7455	7501	0.54	cps
Neodymium	150-1	24615	25316	25286	25072	1.58	cps
Neodymium	150-2	13049	13029	13316	13132	1.22	cps
Nickel	60-2	35255	35124	35672	35350	0.81	cps
Phosphorus	31-2	39882	40681	39965	40176	1.09	cps
Potassium	39-2	5727007	5723349	5725265	5725207	0.03	cps
Rhodium	103-1	9906047	9877870	10083638	9955852	1.12	cps
Rhodium	103-2	5314100	5284168	5229375	5275881	0.81	cps
Scandium	45-1	5615158	5639360	5645161	5633226	0.28	cps
Scandium	45-2	472317	468977	470290	470528	0.36	cps
Selenium	82-1	371	435	507	438	15.43	cps
Selenium	77-2	70	60	50	60	16.67	cps
Selenium	78-2	157	150	217	174	21.05	cps
Silicon	28-1	13023884	13196347	13285391	13168541	1.01	cps
Silver	107-1	5394	5278	5304	5325	1.15	cps
Silver	109-1	4968	4891	4991	4950	1.06	cps
Sodium	23-2	11324336	11388951	11288963	11334083	0.45	cps
Strontium	86-1	269303	270980	271615	270633	0.44	cps
Strontium	88-1	2365023	2415248	2366550	2382274	1.20	cps
Sulfur	34-1	283810	286158	286059	285342	0.47	cps
Terbium	159-1	15653483	15588628	15551243	15597784	0.33	cps
Terbium	159-2	9574505	9454895	9529158	9519519	0.63	cps
Thallium	203-1	563	473	437	491	13.27	cps
Thallium	205-1	1097	1090	1000	1062	5.08	cps
Tin	118-1	27132	26568	27466	27055	1.68	cps
Titanium	47-1	82352	82788	82986	82709	0.39	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-08	Instrumnet Name :	P7
Client Sample ID :	MH2GH3	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:21:41	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22442	22536	22863	22614	0.98	cps
Vanadium	51-2	18138	17927	18044	18036	0.58	cps
Yttrium	89-1	12170258	12073294	11989893	12077815	0.75	cps
Yttrium	89-2	2745697	2751631	2724798	2740709	0.51	cps
Zinc	66-2	154664	153075	154711	154150	0.60	cps
Zirconium	90-1	105397	108847	109374	107873	2.00	cps
Zirconium	91-1	24984	24475	28549	26003	8.54	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-09	Instrumnet Name :	P7
Client Sample ID :	MH2GH4	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:24:52	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	699083	697407	693989	696826	0.37	cps
Antimony	121-1	50271	50629	50987	50629	0.71	cps
Arsenic	75-2	1827	1717	1840	1795	3.77	cps
Barium	135-1	333169	338525	339037	336910	0.96	cps
Barium	137-1	580890	590342	590119	587117	0.92	cps
Beryllium	9-1	873	860	937	890	4.60	cps
Bismuth	209-1	9676747	9176135	9172702	9341861	3.10	cps
Bismuth	209-2	6844047	6787626	6869729	6833800	0.61	cps
Bromine	81-1	17023	17707	17207	17312	2.05	cps
Bromine	81-2	1633	1733	1797	1721	4.78	cps
Cadmium	108-1	130	140	143	138	5.04	cps
Cadmium	106-1	3620	3427	3480	3509	2.85	cps
Cadmium	111-1	3367	3204	3233	3268	2.65	cps
Calcium	43-1	1499680	1509866	1539414	1516320	1.36	cps
Calcium	44-1	24131976	24390328	24497098	24339801	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49695	48595	48966	49085	1.14	cps
Cobalt	59-2	15061	15348	15164	15191	0.96	cps
Copper	63-2	97994	98451	97975	98140	0.27	cps
Dysprosium	156-1	26575	26118	26231	26308	0.91	cps
Dysprosium	156-2	20579	20946	20301	20609	1.57	cps
Erbium	164-1	21260	21276	21790	21442	1.41	cps
Erbium	164-2	13864	13887	13697	13816	0.75	cps
Gadolinium	160-1	22916	23473	23326	23238	1.24	cps
Gadolinium	160-2	15966	15899	15836	15900	0.41	cps
Holmium	165-1	16136029	15121134	14836542	15364568	4.45	cps
Holmium	165-2	9497778	9495070	9371809	9454886	0.76	cps
Indium	115-1	11860541	11208703	11053169	11374138	3.77	cps
Indium	115-2	3473021	3425493	3441399	3446638	0.70	cps
Iron	56-2	23889835	23749146	23514596	23717859	0.80	cps
Iron	57-2	653177	646651	647585	649138	0.54	cps
Iron	54-2	1381151	1373386	1380907	1378482	0.32	cps
Krypton	83-1	133	73	157	121	35.50	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-09	Instrumnet Name :	P7
Client Sample ID :	MH2GH4	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:24:52	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	192581	195057	197670	195103	1.30	cps
Lead	207-1	163112	167994	167640	166249	1.64	cps
Lead	208-1	752063	768809	770580	763817	1.34	cps
Lithium	6-1	2190231	2060034	2083444	2111237	3.29	cps
Magnesium	24-2	3352591	3346059	3329884	3342845	0.35	cps
Manganese	55-2	1146328	1145002	1149783	1147038	0.22	cps
Molybdenum	94-1	29159	34799	31093	31684	9.05	cps
Molybdenum	95-1	9583	9693	9820	9699	1.22	cps
Molybdenum	96-1	14818	15145	15208	15057	1.39	cps
Molybdenum	97-1	6191	6315	6245	6250	0.99	cps
Molybdenum	98-1	15832	16086	15779	15899	1.03	cps
Neodymium	150-1	39886	40762	41096	40582	1.54	cps
Neodymium	150-2	21864	21750	21653	21756	0.48	cps
Nickel	60-2	18672	18722	18435	18609	0.82	cps
Phosphorus	31-2	51349	50530	50697	50858	0.85	cps
Potassium	39-2	4883727	4777560	4820413	4827234	1.11	cps
Rhodium	103-1	10509911	9699630	9730106	9979882	4.60	cps
Rhodium	103-2	5248359	5233165	5173424	5218316	0.76	cps
Scandium	45-1	5980825	5574713	5639247	5731595	3.81	cps
Scandium	45-2	468507	471977	466481	468988	0.59	cps
Selenium	82-1	498	554	519	523	5.44	cps
Selenium	77-2	63	63	77	68	11.36	cps
Selenium	78-2	207	280	187	224	21.90	cps
Silicon	28-1	16521614	16667093	16898843	16695850	1.14	cps
Silver	107-1	5248	5191	5158	5199	0.88	cps
Silver	109-1	4701	4777	5044	4841	3.72	cps
Sodium	23-2	24048157	23852465	23884457	23928360	0.44	cps
Strontium	86-1	685126	698813	701288	695076	1.25	cps
Strontium	88-1	5988826	6120560	6154311	6087899	1.44	cps
Sulfur	34-1	423374	425360	428596	425777	0.62	cps
Terbium	159-1	16669075	15621487	15367322	15885961	4.34	cps
Terbium	159-2	9510231	9547316	9424833	9494127	0.66	cps
Thallium	203-1	820	747	743	770	5.63	cps
Thallium	205-1	1807	1997	1857	1887	5.22	cps
Tin	118-1	19196	19720	19797	19571	1.67	cps
Titanium	47-1	103464	106501	106471	105479	1.65	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-09	Instrumnet Name :	P7
Client Sample ID :	MH2GH4	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:24:52	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47585	48254	49234	48357	1.72	cps
Vanadium	51-2	24944	24931	25625	25167	1.58	cps
Yttrium	89-1	12587475	12013824	11843240	12148179	3.21	cps
Yttrium	89-2	2755315	2735019	2726265	2738866	0.54	cps
Zinc	66-2	132538	132003	132582	132374	0.24	cps
Zirconium	90-1	67449	69970	68374	68598	1.86	cps
Zirconium	91-1	15508	15291	15852	15551	1.82	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:28:03	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726764	5695878	5727622	5716755	0.32	cps
Antimony	121-1	3078049	3132114	3152024	3120729	1.23	cps
Arsenic	75-2	134940	133638	134486	134355	0.49	cps
Barium	135-1	4341262	4359447	4403557	4368088	0.73	cps
Barium	137-1	7531256	7514839	7418402	7488166	0.81	cps
Beryllium	9-1	481443	490815	492656	488305	1.23	cps
Bismuth	209-1	8435353	8425114	8370898	8410455	0.41	cps
Bismuth	209-2	6568413	6319418	6319813	6402548	2.24	cps
Bromine	81-1	7442	7389	7509	7446	0.81	cps
Bromine	81-2	63	57	77	66	15.54	cps
Cadmium	108-1	56881	56965	56693	56846	0.24	cps
Cadmium	106-1	84215	83652	83542	83803	0.43	cps
Cadmium	111-1	769512	770516	775138	771722	0.39	cps
Calcium	43-1	3724216	3703749	3732967	3720311	0.40	cps
Calcium	44-1	59031514	59468641	59501365	59333840	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1013220	1015556	1003301	1010692	0.64	cps
Cobalt	59-2	1505933	1501886	1500513	1502777	0.19	cps
Copper	63-2	10641847	10768328	10631793	10680656	0.71	cps
Dysprosium	156-1	243	217	290	250	14.85	cps
Dysprosium	156-2	317	363	287	322	11.99	cps
Erbium	164-1	270	260	250	260	3.85	cps
Erbium	164-2	177	160	180	172	6.22	cps
Gadolinium	160-1	197	207	187	197	5.08	cps
Gadolinium	160-2	577	570	510	552	6.65	cps
Holmium	165-1	14134471	13987838	14042682	14054997	0.53	cps
Holmium	165-2	9596543	9268163	9038874	9301193	3.01	cps
Indium	115-1	9991230	9848319	9768979	9869509	1.14	cps
Indium	115-2	3336773	3156735	3160647	3218052	3.20	cps
Iron	56-2	223243050	224463423	221639977	223115483	0.63	cps
Iron	57-2	5642544	5585011	5572927	5600161	0.66	cps
Iron	54-2	12209162	12123285	11988422	12106956	0.92	cps
Krypton	83-1	110	137	187	144	26.95	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:28:03	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12928035	13038642	12978628	12981768	0.43	cps
Lead	207-1	11524154	11562226	11560526	11548969	0.19	cps
Lead	208-1	51943700	52222705	52058155	52074853	0.27	cps
Lithium	6-1	1898853	1900471	1951030	1916785	1.55	cps
Magnesium	24-2	45677739	45941691	45688823	45769418	0.33	cps
Manganese	55-2	8019144	8045703	7977976	8014274	0.43	cps
Molybdenum	94-1	10843870	10687290	10763213	10764791	0.73	cps
Molybdenum	95-1	15781538	15719419	15689082	15730013	0.30	cps
Molybdenum	96-1	17367063	17169545	17137148	17224585	0.72	cps
Molybdenum	97-1	9922712	9948741	9917066	9929506	0.17	cps
Molybdenum	98-1	25619851	25601165	25505107	25575374	0.24	cps
Neodymium	150-1	367	380	447	398	10.77	cps
Neodymium	150-2	110	140	127	126	11.97	cps
Nickel	60-2	372454	373512	363475	369814	1.49	cps
Phosphorus	31-2	57655	58568	56848	57690	1.49	cps
Potassium	39-2	28930752	28908899	28581570	28807073	0.68	cps
Rhodium	103-1	8580470	8344191	8403985	8442882	1.46	cps
Rhodium	103-2	4860333	4604913	4600773	4688673	3.17	cps
Scandium	45-1	5097592	5000391	5037809	5045264	0.97	cps
Scandium	45-2	445784	425928	423390	431701	2.84	cps
Selenium	82-1	44457	43868	44065	44130	0.68	cps
Selenium	77-2	3794	3644	3751	3729	2.07	cps
Selenium	78-2	13052	13333	13056	13147	1.22	cps
Silicon	28-1	6189341	6178062	6161904	6176436	0.22	cps
Silver	107-1	3571557	3565532	3572644	3569911	0.11	cps
Silver	109-1	3447906	3407989	3470895	3442263	0.92	cps
Sodium	23-2	77083496	77767761	77694521	77515259	0.48	cps
Strontium	86-1	24564756	24612346	24282936	24486680	0.73	cps
Strontium	88-1	211361870	215268270	212990363	213206835	0.92	cps
Sulfur	34-1	331356	334557	333251	333055	0.48	cps
Terbium	159-1	14456149	14539125	14290761	14428678	0.88	cps
Terbium	159-2	9389871	8985677	9030648	9135399	2.42	cps
Thallium	203-1	3277249	3294803	3265546	3279199	0.45	cps
Thallium	205-1	7800520	7823172	7782603	7802098	0.26	cps
Tin	118-1	2693405	2696125	2673501	2687677	0.46	cps
Titanium	47-1	3521244	3555785	3559497	3545509	0.60	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:28:03	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10909325	11044973	11040389	10998229	0.70	cps
Vanadium	51-2	907778	907400	913658	909612	0.39	cps
Yttrium	89-1	10689401	10482952	10624291	10598881	1.00	cps
Yttrium	89-2	2582318	2490603	2487506	2520142	2.14	cps
Zinc	66-2	1797319	1811828	1822216	1810454	0.69	cps
Zirconium	90-1	5185147	5140872	5134476	5153498	0.54	cps
Zirconium	91-1	1153730	1169673	1165505	1162969	0.71	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:30:48	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	210	227	217	4.07	cps
Antimony	121-1	2244	2064	2404	2237	7.61	cps
Arsenic	75-2	13	17	10	13	25.01	cps
Barium	135-1	213	160	203	192	14.75	cps
Barium	137-1	407	353	233	331	26.81	cps
Beryllium	9-1	170	110	173	151	23.59	cps
Bismuth	209-1	9374328	9261673	9295243	9310415	0.62	cps
Bismuth	209-2	6881696	6882279	6829208	6864394	0.44	cps
Bromine	81-1	7082	7419	7322	7274	2.38	cps
Bromine	81-2	53	57	63	58	8.81	cps
Cadmium	108-1	20	7	7	11	69.25	cps
Cadmium	106-1	3110	2987	2724	2940	6.72	cps
Cadmium	111-1	2257	2146	1972	2125	6.76	cps
Calcium	43-1	387	341	344	357	7.17	cps
Calcium	44-1	5636	4827	4676	5046	10.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	323	337	383	348	9.06	cps
Cobalt	59-2	107	127	100	111	12.49	cps
Copper	63-2	1580	1480	1580	1547	3.73	cps
Dysprosium	156-1	37	23	20	27	33.08	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	133	107	110	117	12.46	cps
Erbium	164-2	80	57	80	72	18.65	cps
Gadolinium	160-1	50	77	50	59	26.15	cps
Gadolinium	160-2	437	520	450	469	9.55	cps
Holmium	165-1	14556774	14323747	14103398	14327973	1.58	cps
Holmium	165-2	9246184	9100600	9098541	9148442	0.93	cps
Indium	115-1	10712337	10715234	10568161	10665244	0.79	cps
Indium	115-2	3341215	3330254	3294831	3322100	0.73	cps
Iron	56-2	14928	15528	15601	15352	2.41	cps
Iron	57-2	883	820	847	850	3.74	cps
Iron	54-2	1437	1290	1527	1418	8.43	cps
Krypton	83-1	90	113	117	107	13.62	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:30:48	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1603	1503	1337	1481	9.10	cps
Lead	207-1	1427	1250	1213	1297	8.80	cps
Lead	208-1	6694	5917	5410	6007	10.76	cps
Lithium	6-1	2043385	2066495	2002650	2037510	1.59	cps
Magnesium	24-2	2147	1917	2137	2067	6.29	cps
Manganese	55-2	597	487	553	546	10.16	cps
Molybdenum	94-1	1193	897	1033	1041	14.26	cps
Molybdenum	95-1	1093	1013	980	1029	5.66	cps
Molybdenum	96-1	1423	1137	1037	1199	16.74	cps
Molybdenum	97-1	740	780	633	718	10.56	cps
Molybdenum	98-1	2023	1573	1743	1780	12.77	cps
Neodymium	150-1	23	17	17	19	20.36	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	50	37	70	52	32.12	cps
Phosphorus	31-2	127	97	87	103	20.14	cps
Potassium	39-2	33681	34753	34005	34146	1.61	cps
Rhodium	103-1	9537585	9524285	9456825	9506232	0.46	cps
Rhodium	103-2	5069066	5055381	5014852	5046433	0.56	cps
Scandium	45-1	5297418	5250976	5166345	5238246	1.27	cps
Scandium	45-2	434919	434218	429507	432881	0.68	cps
Selenium	82-1	289	284	329	301	8.18	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	100	107	163	123	28.22	cps
Silicon	28-1	143924	139595	139013	140844	1.91	cps
Silver	107-1	663	543	430	546	21.39	cps
Silver	109-1	637	530	447	538	17.71	cps
Sodium	23-2	24543	22620	23241	23468	4.18	cps
Strontium	86-1	1183	947	903	1011	14.91	cps
Strontium	88-1	9040	7392	6608	7680	16.16	cps
Sulfur	34-1	120504	123649	121952	122035	1.29	cps
Terbium	159-1	15038856	14975521	14733655	14916010	1.08	cps
Terbium	159-2	9000661	9025653	9103991	9043435	0.60	cps
Thallium	203-1	563	470	300	444	30.04	cps
Thallium	205-1	1133	1063	1053	1083	4.02	cps
Tin	118-1	1060	1177	1300	1179	10.18	cps
Titanium	47-1	320	290	270	293	8.58	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:30:48	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	407	327	367	367	10.91	cps
Vanadium	51-2	30	37	53	40	30.04	cps
Yttrium	89-1	11032378	11015979	10927492	10991949	0.51	cps
Yttrium	89-2	2536265	2521496	2489006	2515589	0.96	cps
Zinc	66-2	330	370	303	334	10.03	cps
Zirconium	90-1	1143	1070	1263	1159	8.42	cps
Zirconium	91-1	253	273	260	262	3.88	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-10	Instrumnet Name :	P7
Client Sample ID :	MH2GH5	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:34:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1109731	1104200	1108727	1107553	0.27	cps
Antimony	121-1	22982	23569	23616	23389	1.51	cps
Arsenic	75-2	6725	6868	6605	6733	1.96	cps
Barium	135-1	819005	826494	832570	826023	0.82	cps
Barium	137-1	1417505	1440254	1449628	1435795	1.15	cps
Beryllium	9-1	970	1040	980	997	3.80	cps
Bismuth	209-1	9195949	9355930	9281840	9277906	0.86	cps
Bismuth	209-2	7077454	7080388	6887835	7015226	1.57	cps
Bromine	81-1	19560	20354	20698	20204	2.89	cps
Bromine	81-2	2154	2234	2124	2170	2.62	cps
Cadmium	108-1	813	790	827	810	2.29	cps
Cadmium	106-1	4371	4234	4654	4420	4.85	cps
Cadmium	111-1	10689	10450	10842	10660	1.85	cps
Calcium	43-1	1193843	1210228	1221232	1208434	1.14	cps
Calcium	44-1	17849231	17968698	18095010	17970980	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165577	168388	167970	167312	0.91	cps
Cobalt	59-2	28090	28116	27752	27986	0.72	cps
Copper	63-2	368094	360311	362802	363736	1.09	cps
Dysprosium	156-1	24879	25300	25403	25194	1.10	cps
Dysprosium	156-2	19420	20021	19210	19550	2.15	cps
Erbium	164-1	20979	20979	21667	21208	1.87	cps
Erbium	164-2	13660	13820	13700	13727	0.61	cps
Gadolinium	160-1	22705	23223	23042	22990	1.14	cps
Gadolinium	160-2	15949	15826	15869	15881	0.39	cps
Holmium	165-1	14885972	14985291	15127424	14999563	0.81	cps
Holmium	165-2	9727239	9743213	9452617	9641023	1.69	cps
Indium	115-1	10918298	10984155	10913217	10938557	0.36	cps
Indium	115-2	3528059	3459504	3427307	3471623	1.48	cps
Iron	56-2	39157429	39411785	39978959	39516058	1.06	cps
Iron	57-2	1053276	1051627	1058076	1054326	0.32	cps
Iron	54-2	2136879	2157097	2155408	2149795	0.52	cps
Krypton	83-1	167	143	127	146	13.80	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-10	Instrumnet Name :	P7
Client Sample ID :	MH2GH5	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:34:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2760753	2787386	2803387	2783842	0.77	cps
Lead	207-1	2362633	2395063	2436190	2397962	1.54	cps
Lead	208-1	10786728	10992745	11021235	10933569	1.17	cps
Lithium	6-1	2086530	2051785	2083134	2073816	0.92	cps
Magnesium	24-2	1949946	1938586	1918793	1935775	0.81	cps
Manganese	55-2	2304634	2326982	2342521	2324712	0.82	cps
Molybdenum	94-1	48565	50267	50504	49779	2.13	cps
Molybdenum	95-1	10507	10887	10814	10736	1.88	cps
Molybdenum	96-1	19627	20057	19436	19707	1.61	cps
Molybdenum	97-1	6598	6772	7032	6801	3.21	cps
Molybdenum	98-1	17307	17173	18131	17537	2.96	cps
Neodymium	150-1	41705	42019	42407	42044	0.84	cps
Neodymium	150-2	22685	22929	22638	22751	0.69	cps
Nickel	60-2	27408	27739	27388	27512	0.72	cps
Phosphorus	31-2	30193	30003	29836	30011	0.60	cps
Potassium	39-2	2850283	2862619	2874726	2862543	0.43	cps
Rhodium	103-1	9611133	9456807	9706912	9591617	1.32	cps
Rhodium	103-2	5279764	5353523	5112630	5248639	2.35	cps
Scandium	45-1	5512295	5442757	5522118	5492390	0.79	cps
Scandium	45-2	468339	458976	464148	463821	1.01	cps
Selenium	82-1	420	515	473	469	10.14	cps
Selenium	77-2	50	80	70	67	22.91	cps
Selenium	78-2	157	150	237	181	26.63	cps
Silicon	28-1	22214325	22522454	22544411	22427063	0.82	cps
Silver	107-1	21252	20535	21166	20984	1.87	cps
Silver	109-1	20091	19844	19767	19900	0.85	cps
Sodium	23-2	26248643	26139105	26166993	26184914	0.22	cps
Strontium	86-1	535249	536552	544096	538632	0.89	cps
Strontium	88-1	4655029	4726088	4730651	4703922	0.90	cps
Sulfur	34-1	322191	325018	325605	324271	0.56	cps
Terbium	159-1	15508168	15316981	15560369	15461839	0.83	cps
Terbium	159-2	9656598	9603553	9557268	9605806	0.52	cps
Thallium	203-1	2167	2184	2170	2174	0.41	cps
Thallium	205-1	5401	5368	5378	5382	0.32	cps
Tin	118-1	94541	95789	97507	95945	1.55	cps
Titanium	47-1	200347	204484	203454	202762	1.06	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-10	Instrumnet Name :	P7
Client Sample ID :	MH2GH5	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:34:07	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38248	37954	38332	38178	0.52	cps
Vanadium	51-2	85775	85283	84314	85124	0.87	cps
Yttrium	89-1	11769946	11767419	11781504	11772956	0.06	cps
Yttrium	89-2	2814899	2806259	2756815	2792657	1.12	cps
Zinc	66-2	821648	833925	820683	825418	0.89	cps
Zirconium	90-1	119217	118938	122131	120096	1.47	cps
Zirconium	91-1	26097	27583	26183	26621	3.13	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-11	Instrumnet Name :	P7
Client Sample ID :	MH2GH6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:37:12	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1051717	1045311	1032347	1043125	0.95	cps
Antimony	121-1	26795	26391	26474	26553	0.80	cps
Arsenic	75-2	4981	4684	4594	4753	4.26	cps
Barium	135-1	768131	761399	765838	765123	0.45	cps
Barium	137-1	1320824	1314904	1324389	1320039	0.36	cps
Beryllium	9-1	837	843	790	823	3.53	cps
Bismuth	209-1	8395977	9864139	9338074	9199397	8.09	cps
Bismuth	209-2	6924714	6826711	7012228	6921218	1.34	cps
Bromine	81-1	15054	15668	15749	15490	2.45	cps
Bromine	81-2	1260	1397	1373	1343	5.44	cps
Cadmium	108-1	1240	1253	1223	1239	1.21	cps
Cadmium	106-1	5554	5951	5421	5642	4.89	cps
Cadmium	111-1	9895	9973	9697	9855	1.45	cps
Calcium	43-1	1056097	1054376	1053119	1054531	0.14	cps
Calcium	44-1	15949375	15770725	15725893	15815331	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148203	146785	148650	147879	0.66	cps
Cobalt	59-2	21753	21936	21669	21786	0.63	cps
Copper	63-2	429720	430546	420495	426920	1.31	cps
Dysprosium	156-1	21093	20886	20595	20858	1.20	cps
Dysprosium	156-2	16129	15699	16046	15958	1.43	cps
Erbium	164-1	16480	16557	16313	16450	0.76	cps
Erbium	164-2	10237	10504	10671	10471	2.09	cps
Gadolinium	160-1	19023	18546	18883	18817	1.30	cps
Gadolinium	160-2	12656	13326	12419	12800	3.68	cps
Holmium	165-1	13408361	15798099	14965808	14724089	8.24	cps
Holmium	165-2	9465733	9364947	9643743	9491474	1.49	cps
Indium	115-1	9934545	11775686	11001758	10903996	8.48	cps
Indium	115-2	3407336	3390274	3461133	3419581	1.08	cps
Iron	56-2	29010945	28826369	28587699	28808338	0.74	cps
Iron	57-2	776345	772263	763402	770670	0.86	cps
Iron	54-2	1570920	1558084	1564456	1564487	0.41	cps
Krypton	83-1	133	150	120	134	11.18	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-11	Instrumnet Name :	P7
Client Sample ID :	MH2GH6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:37:12	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6518371	6524282	6680198	6574283	1.40	cps
Lead	207-1	5632948	5598087	5623420	5618152	0.32	cps
Lead	208-1	25633580	25568681	25903964	25702075	0.69	cps
Lithium	6-1	1919617	2213084	2077284	2069995	7.10	cps
Magnesium	24-2	1594574	1591555	1571699	1585943	0.78	cps
Manganese	55-2	1623817	1604552	1609177	1612515	0.62	cps
Molybdenum	94-1	286804	282319	276022	281715	1.92	cps
Molybdenum	95-1	11862	11705	12179	11915	2.03	cps
Molybdenum	96-1	58543	59146	59350	59013	0.71	cps
Molybdenum	97-1	7725	7409	7592	7575	2.10	cps
Molybdenum	98-1	19046	19289	19416	19251	0.98	cps
Neodymium	150-1	34746	35361	34512	34873	1.26	cps
Neodymium	150-2	18419	18048	18192	18220	1.03	cps
Nickel	60-2	26443	26824	26347	26538	0.95	cps
Phosphorus	31-2	19439	19696	20447	19861	2.64	cps
Potassium	39-2	2862349	2855668	2862876	2860298	0.14	cps
Rhodium	103-1	8771360	10431573	9714298	9639077	8.64	cps
Rhodium	103-2	5231901	5166406	5291467	5229925	1.20	cps
Scandium	45-1	4945807	5947724	5476573	5456701	9.19	cps
Scandium	45-2	466069	458732	460555	461786	0.83	cps
Selenium	82-1	404	483	515	467	12.24	cps
Selenium	77-2	37	53	67	52	28.78	cps
Selenium	78-2	190	243	220	218	12.28	cps
Silicon	28-1	19545418	19550591	19578868	19558293	0.09	cps
Silver	107-1	21720	20808	21119	21216	2.18	cps
Silver	109-1	20224	19780	20084	20029	1.13	cps
Sodium	23-2	18161007	17989457	17966978	18039147	0.59	cps
Strontium	86-1	437458	432505	435376	435113	0.57	cps
Strontium	88-1	3868701	3807405	3798783	3824963	1.00	cps
Sulfur	34-1	299422	296915	301277	299205	0.73	cps
Terbium	159-1	13979326	16371140	15385536	15245334	7.88	cps
Terbium	159-2	9445939	9342346	9379168	9389151	0.56	cps
Thallium	203-1	1430	1680	1507	1539	8.32	cps
Thallium	205-1	3794	3751	3744	3763	0.72	cps
Tin	118-1	103751	103515	103817	103694	0.15	cps
Titanium	47-1	172096	173536	172881	172838	0.42	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-11	Instrumnet Name :	P7
Client Sample ID :	MH2GH6	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:37:12	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31103	30946	30345	30798	1.30	cps
Vanadium	51-2	55210	54812	55124	55049	0.38	cps
Yttrium	89-1	10761830	12629404	12037169	11809467	8.08	cps
Yttrium	89-2	2785099	2731791	2783045	2766645	1.09	cps
Zinc	66-2	702782	697782	700611	700391	0.36	cps
Zirconium	90-1	731688	727397	731645	730243	0.34	cps
Zirconium	91-1	166030	165237	164613	165294	0.43	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:40:45	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1435116	1421369	1430216	1428901	0.49	cps
Antimony	121-1	10871	10871	10991	10911	0.64	cps
Arsenic	75-2	4797	4504	5058	4786	5.79	cps
Barium	135-1	2804709	2739982	2768375	2771022	1.17	cps
Barium	137-1	4720374	4672783	4745525	4712894	0.78	cps
Beryllium	9-1	770	637	713	707	9.47	cps
Bismuth	209-1	9102211	9191557	8995404	9096391	1.08	cps
Bismuth	209-2	6786356	6730330	6638008	6718231	1.12	cps
Bromine	81-1	13823	13433	13323	13526	1.94	cps
Bromine	81-2	1040	963	1127	1043	7.83	cps
Cadmium	108-1	770	797	687	751	7.64	cps
Cadmium	106-1	4344	4501	4357	4401	1.97	cps
Cadmium	111-1	11975	11586	11566	11709	1.97	cps
Calcium	43-1	3018686	3009035	2997707	3008476	0.35	cps
Calcium	44-1	48271032	48092610	48010704	48124782	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73997	72865	73658	73507	0.79	cps
Cobalt	59-2	31890	32448	32054	32131	0.89	cps
Copper	63-2	928717	924718	927068	926834	0.22	cps
Dysprosium	156-1	28693	29311	28980	28994	1.07	cps
Dysprosium	156-2	21757	22091	21477	21775	1.41	cps
Erbium	164-1	25183	24999	25093	25091	0.37	cps
Erbium	164-2	15585	15886	15789	15753	0.97	cps
Gadolinium	160-1	27009	27935	27143	27362	1.83	cps
Gadolinium	160-2	17548	18058	18145	17917	1.80	cps
Holmium	165-1	14719953	14699689	14464699	14628114	0.97	cps
Holmium	165-2	9280535	9447718	9254343	9327532	1.12	cps
Indium	115-1	10895496	10727934	10784817	10802749	0.79	cps
Indium	115-2	3376696	3385965	3291742	3351467	1.55	cps
Iron	56-2	53045721	52565676	52884669	52832022	0.46	cps
Iron	57-2	1430418	1423590	1364352	1406120	2.58	cps
Iron	54-2	2937752	2911677	2827792	2892407	1.99	cps
Krypton	83-1	147	157	143	149	4.66	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:40:45	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35566469	35733079	35135505	35478351	0.87	cps
Lead	207-1	28709799	29037947	28457167	28734971	1.01	cps
Lead	208-1	134614587	135856998	133159388	134543658	1.00	cps
Lithium	6-1	2034396	1990961	2036539	2020632	1.27	cps
Magnesium	24-2	1985471	1966564	1965288	1972441	0.57	cps
Manganese	55-2	1316424	1303311	1299492	1306409	0.68	cps
Molybdenum	94-1	39557	39904	39633	39698	0.46	cps
Molybdenum	95-1	27526	27279	27462	27422	0.47	cps
Molybdenum	96-1	33726	34243	34230	34066	0.87	cps
Molybdenum	97-1	16987	17420	16823	17077	1.81	cps
Molybdenum	98-1	44798	45036	44501	44778	0.60	cps
Neodymium	150-1	50617	50139	50758	50505	0.64	cps
Neodymium	150-2	26258	26612	26021	26297	1.13	cps
Nickel	60-2	33798	33237	33103	33379	1.10	cps
Phosphorus	31-2	13252	12712	12759	12908	2.32	cps
Potassium	39-2	1233809	1242671	1229155	1235212	0.56	cps
Rhodium	103-1	9417647	9438245	9388873	9414922	0.26	cps
Rhodium	103-2	5060206	5122806	4913372	5032128	2.14	cps
Scandium	45-1	5383940	5359780	5406615	5383445	0.44	cps
Scandium	45-2	444616	451754	442180	446183	1.12	cps
Selenium	82-1	723	685	676	695	3.52	cps
Selenium	77-2	70	73	70	71	2.70	cps
Selenium	78-2	223	280	250	251	11.29	cps
Silicon	28-1	20281691	20263080	20340659	20295143	0.20	cps
Silver	107-1	6211	5991	6078	6094	1.82	cps
Silver	109-1	5838	6509	6356	6234	5.64	cps
Sodium	23-2	6527271	6523205	6499529	6516668	0.23	cps
Strontium	86-1	2002799	1995962	2023338	2007366	0.71	cps
Strontium	88-1	17486763	17463177	17450227	17466722	0.11	cps
Sulfur	34-1	811477	811348	811345	811390	0.01	cps
Terbium	159-1	15151236	15087826	15068223	15102429	0.29	cps
Terbium	159-2	9144699	9114788	9209649	9156379	0.53	cps
Thallium	203-1	997	1033	1007	1012	1.87	cps
Thallium	205-1	2317	2397	2417	2377	2.23	cps
Tin	118-1	280735	281053	281801	281196	0.19	cps
Titanium	47-1	341223	341115	340827	341055	0.06	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 08:40:45	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70599	69848	68397	69615	1.61	cps
Vanadium	51-2	186477	185019	186769	186088	0.50	cps
Yttrium	89-1	11718105	11658196	11551320	11642540	0.73	cps
Yttrium	89-2	2660095	2705953	2648276	2671441	1.14	cps
Zinc	66-2	949528	946135	937020	944227	0.69	cps
Zirconium	90-1	64595	65927	66263	65595	1.35	cps
Zirconium	91-1	14894	14347	14451	14564	2.00	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02ARE	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:09:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3032524	2955487	3001203	2996405	1.29	cps
Antimony	121-1	13133	13260	13159	13184	0.51	cps
Arsenic	75-2	9323	9106	9343	9257	1.42	cps
Barium	135-1	808195	802598	808444	806412	0.41	cps
Barium	137-1	1386681	1395594	1395320	1392531	0.36	cps
Beryllium	9-1	1380	1453	1397	1410	2.73	cps
Bismuth	209-1	8965851	8742809	8865038	8857899	1.26	cps
Bismuth	209-2	6756803	6706521	6676656	6713327	0.60	cps
Bromine	81-1	10764	10084	10257	10368	3.41	cps
Bromine	81-2	537	480	577	531	9.15	cps
Cadmium	108-1	243	220	197	220	10.61	cps
Cadmium	106-1	3184	2854	3284	3107	7.24	cps
Cadmium	111-1	4218	3914	4241	4124	4.43	cps
Calcium	43-1	407176	409532	409900	408869	0.36	cps
Calcium	44-1	6125892	6169300	6116504	6137232	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99196	99757	99985	99646	0.41	cps
Cobalt	59-2	130232	128800	127997	129009	0.88	cps
Copper	63-2	271646	269308	269879	270278	0.45	cps
Dysprosium	156-1	32464	32728	32464	32552	0.47	cps
Dysprosium	156-2	24458	23142	24174	23925	2.89	cps
Erbium	164-1	36070	36531	36297	36299	0.64	cps
Erbium	164-2	24502	23700	23296	23833	2.57	cps
Gadolinium	160-1	32154	32427	33173	32584	1.62	cps
Gadolinium	160-2	22415	22565	22852	22611	0.98	cps
Holmium	165-1	14621702	14149741	14646541	14472661	1.93	cps
Holmium	165-2	9337229	9278248	9201329	9272268	0.73	cps
Indium	115-1	11111198	10850414	11172300	11044637	1.55	cps
Indium	115-2	3510954	3440636	3492558	3481383	1.05	cps
Iron	56-2	114211588	114224362	113315532	113917161	0.46	cps
Iron	57-2	2819555	2817362	2819969	2818962	0.05	cps
Iron	54-2	6207208	6175109	6126564	6169627	0.66	cps
Krypton	83-1	160	157	107	141	21.17	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02ARE	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:09:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1326596	1325254	1336169	1329340	0.45	cps
Lead	207-1	1120102	1134455	1141026	1131861	0.95	cps
Lead	208-1	5453607	5511509	5515772	5493629	0.63	cps
Lithium	6-1	2031910	2009764	2078645	2040106	1.72	cps
Magnesium	24-2	1812216	1825216	1792814	1810082	0.90	cps
Manganese	55-2	3853340	3912214	3856543	3874032	0.85	cps
Molybdenum	94-1	8706	8853	8586	8715	1.53	cps
Molybdenum	95-1	1690	1770	1500	1653	8.39	cps
Molybdenum	96-1	4767	4874	4661	4767	2.24	cps
Molybdenum	97-1	913	900	1057	957	9.08	cps
Molybdenum	98-1	2370	2454	2610	2478	4.92	cps
Neodymium	150-1	46289	44724	45075	45363	1.81	cps
Neodymium	150-2	24872	24718	24648	24746	0.46	cps
Nickel	60-2	30711	30765	30020	30499	1.36	cps
Phosphorus	31-2	22610	21756	21836	22067	2.14	cps
Potassium	39-2	1130027	1124757	1120585	1125123	0.42	cps
Rhodium	103-1	9980842	9790250	9970508	9913866	1.08	cps
Rhodium	103-2	5347716	5316065	5265816	5309865	0.78	cps
Scandium	45-1	5913390	5790164	5835331	5846295	1.07	cps
Scandium	45-2	486170	482592	482607	483790	0.43	cps
Selenium	82-1	419	411	427	419	1.84	cps
Selenium	77-2	63	73	67	68	7.51	cps
Selenium	78-2	183	177	193	184	4.55	cps
Silicon	28-1	28896871	29107180	28720382	28908145	0.67	cps
Silver	107-1	3074	3070	2937	3027	2.58	cps
Silver	109-1	2767	2897	2830	2831	2.30	cps
Sodium	23-2	126470	127230	129166	127622	1.09	cps
Strontium	86-1	290868	290899	294944	292237	0.80	cps
Strontium	88-1	2595847	2543040	2536833	2558573	1.27	cps
Sulfur	34-1	149473	147578	145495	147515	1.35	cps
Terbium	159-1	14961589	14852607	15093854	14969350	0.81	cps
Terbium	159-2	9353781	9247072	9382416	9327756	0.76	cps
Thallium	203-1	1487	1440	1403	1443	2.89	cps
Thallium	205-1	3581	3427	3477	3495	2.24	cps
Tin	118-1	26010	26244	26047	26100	0.48	cps
Titanium	47-1	352930	356911	354364	354735	0.57	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02ARE	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:09:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36039	37469	36684	36731	1.95	cps
Vanadium	51-2	377242	377842	374994	376692	0.40	cps
Yttrium	89-1	12466367	11914577	12215741	12198895	2.26	cps
Yttrium	89-2	2887964	2778709	2799396	2822023	2.06	cps
Zinc	66-2	479349	477189	475762	477433	0.38	cps
Zirconium	90-1	20808	21609	21259	21225	1.89	cps
Zirconium	91-1	4888	4998	4861	4915	1.47	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05A	Instrumnet Name :	P7
Client Sample ID :	MH2GH2A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:12:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1226469	1222698	1217173	1222113	0.38	cps
Antimony	121-1	37656	38164	38451	38090	1.06	cps
Arsenic	75-2	6141	5788	6435	6121	5.29	cps
Barium	135-1	890883	901043	892882	894936	0.60	cps
Barium	137-1	1545902	1647634	1608677	1600738	3.21	cps
Beryllium	9-1	1067	1110	997	1058	5.41	cps
Bismuth	209-1	8974447	8927245	9020670	8974120	0.52	cps
Bismuth	209-2	6610078	6513469	6672535	6598694	1.21	cps
Bromine	81-1	28234	28548	28882	28554	1.13	cps
Bromine	81-2	3637	3550	3647	3612	1.47	cps
Cadmium	108-1	907	963	863	911	5.50	cps
Cadmium	106-1	4544	4371	4394	4436	2.12	cps
Cadmium	111-1	12560	12859	12672	12697	1.19	cps
Calcium	43-1	2486533	2446137	2445617	2459429	0.95	cps
Calcium	44-1	39434879	39160553	38909762	39168398	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142778	143131	139810	141906	1.29	cps
Cobalt	59-2	39582	39164	39151	39299	0.62	cps
Copper	63-2	841008	842228	844490	842576	0.21	cps
Dysprosium	156-1	38456	38803	39308	38856	1.10	cps
Dysprosium	156-2	29384	28967	29030	29127	0.77	cps
Erbium	164-1	32618	32909	33273	32933	1.00	cps
Erbium	164-2	21116	21293	20615	21008	1.67	cps
Gadolinium	160-1	36594	36207	36270	36357	0.57	cps
Gadolinium	160-2	24117	24041	25226	24461	2.71	cps
Holmium	165-1	14681446	14726014	14603669	14670376	0.42	cps
Holmium	165-2	9202129	9245402	9342281	9263271	0.77	cps
Indium	115-1	10758276	10781874	10627386	10722512	0.78	cps
Indium	115-2	3302045	3329904	3359760	3330570	0.87	cps
Iron	56-2	84901682	85276469	84767865	84982005	0.31	cps
Iron	57-2	2140994	2185095	2147966	2158018	1.10	cps
Iron	54-2	4581973	4556476	4550102	4562850	0.37	cps
Krypton	83-1	173	170	180	174	2.92	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05A	Instrumnet Name :	P7
Client Sample ID :	MH2GH2A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:12:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4279091	4334154	4286360	4299868	0.70	cps
Lead	207-1	3736578	3763148	3735402	3745043	0.42	cps
Lead	208-1	16855663	17112911	16986444	16985006	0.76	cps
Lithium	6-1	2020993	2029724	2017360	2022692	0.31	cps
Magnesium	24-2	1821430	1807597	1784199	1804409	1.04	cps
Manganese	55-2	1238088	1235991	1231604	1235228	0.27	cps
Molybdenum	94-1	49828	50982	51781	50863	1.93	cps
Molybdenum	95-1	17414	17904	17681	17666	1.39	cps
Molybdenum	96-1	27122	27516	26758	27132	1.40	cps
Molybdenum	97-1	11271	11138	11291	11233	0.74	cps
Molybdenum	98-1	28812	28798	29610	29073	1.60	cps
Neodymium	150-1	65772	66067	66429	66089	0.50	cps
Neodymium	150-2	34081	34936	34863	34627	1.37	cps
Nickel	60-2	25832	25725	26129	25896	0.81	cps
Phosphorus	31-2	41566	41065	41082	41238	0.69	cps
Potassium	39-2	3278462	3278435	3246190	3267696	0.57	cps
Rhodium	103-1	9426999	9470475	9292692	9396722	0.99	cps
Rhodium	103-2	4960287	5005553	5041082	5002307	0.81	cps
Scandium	45-1	5483692	5419606	5291322	5398207	1.81	cps
Scandium	45-2	438862	439934	449259	442685	1.29	cps
Selenium	82-1	2886	2937	2903	2909	0.88	cps
Selenium	77-2	333	337	247	306	16.70	cps
Selenium	78-2	850	857	927	878	4.84	cps
Silicon	28-1	21053335	20852502	20754057	20886631	0.73	cps
Silver	107-1	18325	18922	19720	18989	3.69	cps
Silver	109-1	17424	18452	18232	18036	3.00	cps
Sodium	23-2	20706843	20673057	20404911	20594937	0.80	cps
Strontium	86-1	1106363	1106045	1103045	1105151	0.17	cps
Strontium	88-1	9664631	9607982	9742937	9671850	0.70	cps
Sulfur	34-1	1030977	1026949	1026925	1028284	0.23	cps
Terbium	159-1	15054966	15069725	15043325	15056005	0.09	cps
Terbium	159-2	8906945	8989733	9381064	9092581	2.79	cps
Thallium	203-1	2020	1997	1900	1972	3.23	cps
Thallium	205-1	4758	4838	4858	4818	1.10	cps
Tin	118-1	121988	124788	124681	123819	1.28	cps
Titanium	47-1	194266	193621	190678	192855	0.99	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-05A	Instrumnet Name :	P7
Client Sample ID :	MH2GH2A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:12:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57466	57945	57825	57745	0.43	cps
Vanadium	51-2	82839	80490	79799	81042	1.97	cps
Yttrium	89-1	11779271	11672264	11593363	11681633	0.80	cps
Yttrium	89-2	2655449	2692781	2673658	2673963	0.70	cps
Zinc	66-2	760196	754794	749066	754685	0.74	cps
Zirconium	90-1	106919	109078	107231	107743	1.08	cps
Zirconium	91-1	23956	23793	24487	24079	1.51	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 09:15:56	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775077	771764	773540	773460	0.21	cps
Antimony	121-1	5281	5374	5328	5328	0.88	cps
Arsenic	75-2	2330	2554	2377	2420	4.87	cps
Barium	135-1	1300202	1301456	1299531	1300396	0.08	cps
Barium	137-1	2321135	2346727	2379989	2349284	1.26	cps
Beryllium	9-1	347	420	293	353	18.00	cps
Bismuth	209-1	9224045	9128434	9179278	9177252	0.52	cps
Bismuth	209-2	6881883	6910104	6929459	6907149	0.35	cps
Bromine	81-1	10581	11024	10624	10743	2.28	cps
Bromine	81-2	573	553	617	581	5.57	cps
Cadmium	108-1	370	413	377	387	6.03	cps
Cadmium	106-1	3867	3854	3731	3817	1.97	cps
Cadmium	111-1	6895	7159	6945	7000	2.00	cps
Calcium	43-1	1521876	1530383	1522857	1525039	0.31	cps
Calcium	44-1	24493472	24566424	24448095	24502664	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38212	38085	38399	38232	0.41	cps
Cobalt	59-2	17373	16095	17223	16897	4.13	cps
Copper	63-2	487661	488088	484223	486657	0.44	cps
Dysprosium	156-1	14878	15031	14538	14816	1.71	cps
Dysprosium	156-2	11735	11215	11018	11322	3.27	cps
Erbium	164-1	12856	12632	12686	12725	0.92	cps
Erbium	164-2	8306	7966	7986	8086	2.36	cps
Gadolinium	160-1	14201	14057	14014	14091	0.69	cps
Gadolinium	160-2	9984	9967	9640	9864	1.96	cps
Holmium	165-1	14856539	14725004	14659809	14747117	0.68	cps
Holmium	165-2	9510797	9416798	9415101	9447565	0.58	cps
Indium	115-1	10924449	10924694	11065362	10971501	0.74	cps
Indium	115-2	3436847	3469803	3429302	3445318	0.63	cps
Iron	56-2	27736920	27698050	27597640	27677537	0.26	cps
Iron	57-2	755879	750651	750132	752220	0.42	cps
Iron	54-2	1517398	1531126	1497510	1515344	1.12	cps
Krypton	83-1	113	137	120	123	9.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 09:15:56	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20635219	21001758	21120575	20919184	1.21	cps
Lead	207-1	16731990	16902916	16736482	16790463	0.58	cps
Lead	208-1	78320638	79036490	78685944	78681024	0.45	cps
Lithium	6-1	2020596	1996393	1981265	1999418	0.99	cps
Magnesium	24-2	1055924	1053057	1058644	1055875	0.26	cps
Manganese	55-2	680796	682562	677826	680395	0.35	cps
Molybdenum	94-1	20651	20591	20504	20582	0.36	cps
Molybdenum	95-1	13520	13406	13453	13460	0.42	cps
Molybdenum	96-1	16600	17487	17053	17047	2.60	cps
Molybdenum	97-1	9026	8319	8586	8644	4.13	cps
Molybdenum	98-1	22567	22534	22588	22563	0.12	cps
Neodymium	150-1	25122	25553	25490	25389	0.92	cps
Neodymium	150-2	13366	14004	13487	13619	2.49	cps
Nickel	60-2	17701	17707	17484	17630	0.72	cps
Phosphorus	31-2	6618	6902	6418	6646	3.66	cps
Potassium	39-2	701515	704854	696031	700800	0.64	cps
Rhodium	103-1	9696648	9695455	9694367	9695490	0.01	cps
Rhodium	103-2	5237376	5199268	5160511	5199051	0.74	cps
Scandium	45-1	5508595	5492465	5469482	5490181	0.36	cps
Scandium	45-2	463017	460087	460263	461123	0.36	cps
Selenium	82-1	513	558	563	545	5.10	cps
Selenium	77-2	37	47	30	38	22.21	cps
Selenium	78-2	213	183	217	204	8.98	cps
Silicon	28-1	10435689	10526747	10394627	10452354	0.65	cps
Silver	107-1	3054	3277	3320	3217	4.45	cps
Silver	109-1	2770	2820	2807	2799	0.93	cps
Sodium	23-2	3381437	3382121	3400900	3388153	0.33	cps
Strontium	86-1	1005327	1008975	1012548	1008950	0.36	cps
Strontium	88-1	8752507	8878991	8883587	8838362	0.84	cps
Sulfur	34-1	467096	471578	467366	468680	0.54	cps
Terbium	159-1	15313000	15276723	15133680	15241134	0.62	cps
Terbium	159-2	9328113	9227544	9271162	9275606	0.54	cps
Thallium	203-1	473	510	477	487	4.17	cps
Thallium	205-1	1160	1220	1153	1178	3.12	cps
Tin	118-1	143230	144594	146162	144662	1.01	cps
Titanium	47-1	172923	175751	174941	174538	0.83	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4216-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MH2GH7	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 09:15:56	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34615	34745	34906	34755	0.42	cps
Vanadium	51-2	96898	98310	96033	97081	1.18	cps
Yttrium	89-1	11652050	11662222	11633759	11649344	0.12	cps
Yttrium	89-2	2718326	2730047	2662752	2703708	1.33	cps
Zinc	66-2	495563	496759	495426	495916	0.15	cps
Zirconium	90-1	34006	35500	34380	34629	2.24	cps
Zirconium	91-1	7669	7742	7879	7763	1.37	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:19:01	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5751412	5741158	5644824	5712465	1.03	cps
Antimony	121-1	3086756	3084187	3091437	3087460	0.12	cps
Arsenic	75-2	134226	132797	131153	132726	1.16	cps
Barium	135-1	4299197	4304633	4331220	4311683	0.40	cps
Barium	137-1	7408748	7446795	7450941	7435495	0.31	cps
Beryllium	9-1	475241	483036	487363	481880	1.27	cps
Bismuth	209-1	8472378	8383427	8300658	8385488	1.02	cps
Bismuth	209-2	6176523	6141163	6313840	6210509	1.47	cps
Bromine	81-1	7122	7148	7105	7125	0.31	cps
Bromine	81-2	63	57	43	54	18.71	cps
Cadmium	108-1	56426	56309	57835	56856	1.49	cps
Cadmium	106-1	81845	83846	83810	83167	1.38	cps
Cadmium	111-1	754660	763917	761237	759938	0.63	cps
Calcium	43-1	3616071	3654031	3632111	3634071	0.52	cps
Calcium	44-1	57914888	58354858	58725616	58331787	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1001706	993385	995142	996744	0.44	cps
Cobalt	59-2	1487314	1460336	1489432	1479027	1.10	cps
Copper	63-2	10542322	10599873	10455114	10532436	0.69	cps
Dysprosium	156-1	263	237	233	244	6.73	cps
Dysprosium	156-2	240	347	207	264	27.66	cps
Erbium	164-1	213	233	270	239	12.03	cps
Erbium	164-2	150	163	103	139	22.69	cps
Gadolinium	160-1	213	157	210	193	16.45	cps
Gadolinium	160-2	553	607	563	574	4.94	cps
Holmium	165-1	14106029	13998933	14028786	14044583	0.39	cps
Holmium	165-2	9092708	9010851	9187489	9097016	0.97	cps
Indium	115-1	9915842	9829394	9878093	9874443	0.44	cps
Indium	115-2	3062659	3085671	3101549	3083293	0.63	cps
Iron	56-2	220769283	219843103	222412423	221008270	0.59	cps
Iron	57-2	5547412	5376177	5469331	5464307	1.57	cps
Iron	54-2	12000684	11909710	11956308	11955567	0.38	cps
Krypton	83-1	133	137	123	131	5.29	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:19:01	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12627337	12941424	12848844	12805869	1.26	cps
Lead	207-1	11337130	11531164	11527470	11465255	0.97	cps
Lead	208-1	51444656	51990357	52080935	51838650	0.66	cps
Lithium	6-1	1884175	1877361	1881861	1881132	0.18	cps
Magnesium	24-2	45692274	45609968	45481694	45594645	0.23	cps
Manganese	55-2	7937952	7827787	7967730	7911156	0.93	cps
Molybdenum	94-1	10550364	10585330	10724052	10619915	0.87	cps
Molybdenum	95-1	15472258	15448329	15620145	15513577	0.60	cps
Molybdenum	96-1	16870403	16911434	17017832	16933223	0.45	cps
Molybdenum	97-1	9705449	9812308	9718924	9745560	0.60	cps
Molybdenum	98-1	25349790	25438631	25222770	25337064	0.43	cps
Neodymium	150-1	400	333	423	386	12.11	cps
Neodymium	150-2	107	143	97	116	21.26	cps
Nickel	60-2	365023	362086	363020	363376	0.41	cps
Phosphorus	31-2	57410	58076	57099	57529	0.87	cps
Potassium	39-2	28763482	28816840	28594013	28724778	0.41	cps
Rhodium	103-1	8554240	8300504	8388966	8414570	1.53	cps
Rhodium	103-2	4509398	4536891	4521557	4522616	0.30	cps
Scandium	45-1	5034319	4937370	5027410	4999700	1.08	cps
Scandium	45-2	417509	422415	420710	420211	0.59	cps
Selenium	82-1	44097	43623	43786	43835	0.55	cps
Selenium	77-2	3844	4034	3767	3882	3.54	cps
Selenium	78-2	12966	13139	12779	12961	1.39	cps
Silicon	28-1	5984841	5998587	6107509	6030312	1.11	cps
Silver	107-1	3517480	3540916	3496217	3518205	0.64	cps
Silver	109-1	3393187	3346562	3358703	3366150	0.72	cps
Sodium	23-2	77379729	76977099	76831436	77062754	0.37	cps
Strontium	86-1	24101850	24078851	23959079	24046594	0.32	cps
Strontium	88-1	208350417	211045577	211846724	210414239	0.87	cps
Sulfur	34-1	327777	327603	329827	328403	0.38	cps
Terbium	159-1	14550279	14495450	14425261	14490330	0.43	cps
Terbium	159-2	8857543	8734722	8953418	8848561	1.24	cps
Thallium	203-1	3255967	3271960	3273854	3267261	0.30	cps
Thallium	205-1	7599352	7773341	7779816	7717503	1.33	cps
Tin	118-1	2621059	2606286	2628326	2618557	0.43	cps
Titanium	47-1	3523752	3475906	3500502	3500053	0.68	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:19:01	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10797155	10978917	11023715	10933262	1.10	cps
Vanadium	51-2	902883	902376	904402	903220	0.12	cps
Yttrium	89-1	10738959	10590040	10577716	10635571	0.84	cps
Yttrium	89-2	2436725	2494434	2477464	2469541	1.20	cps
Zinc	66-2	1779157	1809960	1776245	1788454	1.04	cps
Zirconium	90-1	5053430	5094185	5091470	5079695	0.45	cps
Zirconium	91-1	1140137	1145945	1148620	1144901	0.38	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:21:49	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273	237	200	237	15.49	cps
Antimony	121-1	2094	2190	2387	2224	6.72	cps
Arsenic	75-2	30	7	17	18	65.83	cps
Barium	135-1	547	337	260	381	38.94	cps
Barium	137-1	873	570	380	608	40.94	cps
Beryllium	9-1	180	160	150	163	9.35	cps
Bismuth	209-1	9515579	9387773	9300966	9401439	1.15	cps
Bismuth	209-2	7002364	7039597	7026110	7022690	0.27	cps
Bromine	81-1	6898	7138	7205	7081	2.28	cps
Bromine	81-2	40	67	53	53	25.00	cps
Cadmium	108-1	17	3	17	12	63.01	cps
Cadmium	106-1	3327	2954	2857	3046	8.15	cps
Cadmium	111-1	2431	2185	2048	2221	8.72	cps
Calcium	43-1	605	422	446	491	20.30	cps
Calcium	44-1	9891	7377	6038	7768	25.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	393	340	310	348	12.14	cps
Cobalt	59-2	100	120	80	100	20.00	cps
Copper	63-2	1463	1407	1453	1441	2.10	cps
Dysprosium	156-1	20	10	17	16	32.73	cps
Dysprosium	156-2	7	23	7	12	78.69	cps
Erbium	164-1	67	100	107	91	23.52	cps
Erbium	164-2	53	67	97	72	30.73	cps
Gadolinium	160-1	37	73	23	44	58.26	cps
Gadolinium	160-2	460	417	460	446	5.61	cps
Holmium	165-1	14411456	14370928	14384101	14388828	0.14	cps
Holmium	165-2	9395028	9348171	9281927	9341709	0.61	cps
Indium	115-1	10766904	10799668	10708756	10758443	0.43	cps
Indium	115-2	3421201	3402866	3416657	3413575	0.28	cps
Iron	56-2	15535	14621	13553	14569	6.81	cps
Iron	57-2	797	770	743	770	3.46	cps
Iron	54-2	1353	1313	1247	1305	4.13	cps
Krypton	83-1	87	107	117	103	14.78	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:21:49	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2984	2417	1987	2462	20.30	cps
Lead	207-1	2357	1980	1797	2045	13.97	cps
Lead	208-1	11829	9158	7938	9642	20.64	cps
Lithium	6-1	2050381	2029724	2032124	2037410	0.55	cps
Magnesium	24-2	2300	2104	1677	2027	15.72	cps
Manganese	55-2	550	580	473	534	10.29	cps
Molybdenum	94-1	1687	1243	1147	1359	21.19	cps
Molybdenum	95-1	2277	1530	1347	1718	28.68	cps
Molybdenum	96-1	2510	1737	1533	1927	26.75	cps
Molybdenum	97-1	1460	1013	850	1108	28.51	cps
Molybdenum	98-1	3530	2460	2060	2684	28.33	cps
Neodymium	150-1	7	13	3	8	65.47	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	53	77	47	59	26.75	cps
Phosphorus	31-2	100	90	100	97	5.97	cps
Potassium	39-2	33440	33049	32825	33105	0.94	cps
Rhodium	103-1	9700876	9456702	9455544	9537708	1.48	cps
Rhodium	103-2	5226287	5208391	5212005	5215561	0.18	cps
Scandium	45-1	5285968	5208738	5259945	5251550	0.75	cps
Scandium	45-2	439154	440009	437869	439011	0.25	cps
Selenium	82-1	334	325	319	326	2.34	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	97	150	130	126	21.46	cps
Silicon	28-1	129041	127414	128005	128153	0.64	cps
Silver	107-1	880	597	603	693	23.33	cps
Silver	109-1	740	510	497	582	23.50	cps
Sodium	23-2	23565	22336	21749	22550	4.11	cps
Strontium	86-1	2694	1957	1487	2046	29.74	cps
Strontium	88-1	22628	14147	10527	15767	39.39	cps
Sulfur	34-1	120856	122543	121515	121638	0.70	cps
Terbium	159-1	15207886	15019177	14917350	15048138	0.98	cps
Terbium	159-2	9264553	9213573	9212691	9230272	0.32	cps
Thallium	203-1	663	557	420	547	22.31	cps
Thallium	205-1	1513	1217	1017	1249	20.01	cps
Tin	118-1	1253	1127	1233	1205	5.66	cps
Titanium	47-1	497	423	277	399	28.08	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 09:21:49	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	970	777	463	737	34.71	cps
Vanadium	51-2	50	37	27	38	30.98	cps
Yttrium	89-1	11032297	11050376	11053147	11045273	0.10	cps
Yttrium	89-2	2572537	2598033	2564696	2578422	0.68	cps
Zinc	66-2	340	293	340	324	8.30	cps
Zirconium	90-1	1460	1170	1160	1263	13.49	cps
Zirconium	91-1	317	303	257	292	10.78	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BL	Instrumnet Name :	P7
Client Sample ID :	PBW911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:10:06	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	90	87	83	10.59	cps
Antimony	121-1	83	90	113	96	16.49	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	27	23	50	33	43.59	cps
Barium	137-1	67	80	80	76	10.19	cps
Beryllium	9-1	27	37	47	37	27.27	cps
Bismuth	209-1	8795401	8823830	8708511	8775914	0.68	cps
Bismuth	209-2	6874495	6639382	6780404	6764760	1.75	cps
Bromine	81-1	7819	7929	7919	7889	0.77	cps
Bromine	81-2	60	40	20	40	50.00	cps
Cadmium	108-1	7	13	13	11	34.61	cps
Cadmium	106-1	2727	2937	2707	2790	4.57	cps
Cadmium	111-1	1908	2047	1892	1949	4.36	cps
Calcium	43-1	163	187	170	173	6.94	cps
Calcium	44-1	2906	2550	2820	2758	6.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350	347	283	327	11.50	cps
Cobalt	59-2	60	90	50	67	31.22	cps
Copper	63-2	557	597	570	574	3.55	cps
Dysprosium	156-1	7	30	10	16	81.11	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	120	90	97	102	15.41	cps
Erbium	164-2	67	57	60	61	8.33	cps
Gadolinium	160-1	57	50	63	57	11.76	cps
Gadolinium	160-2	473	427	450	450	5.19	cps
Holmium	165-1	13996931	14008007	13765602	13923513	0.98	cps
Holmium	165-2	9287779	8938412	9168826	9131672	1.95	cps
Indium	115-1	10768683	10825083	10697841	10763869	0.59	cps
Indium	115-2	3533989	3446802	3442115	3474302	1.49	cps
Iron	56-2	6695	6722	6712	6709	0.20	cps
Iron	57-2	733	820	693	749	8.65	cps
Iron	54-2	1117	970	1050	1046	7.02	cps
Krypton	83-1	120	117	80	106	21.03	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BL	Instrumnet Name :	P7
Client Sample ID :	PBW911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:10:06	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	453	547	513	504	9.38	cps
Lead	207-1	433	377	393	401	7.26	cps
Lead	208-1	1837	1887	1860	1861	1.34	cps
Lithium	6-1	2067234	2064674	2093644	2075184	0.77	cps
Magnesium	24-2	433	587	437	486	18.04	cps
Manganese	55-2	190	210	180	193	7.90	cps
Molybdenum	94-1	207	193	237	212	10.46	cps
Molybdenum	95-1	53	50	47	50	6.66	cps
Molybdenum	96-1	120	117	93	110	13.21	cps
Molybdenum	97-1	23	37	23	28	27.73	cps
Molybdenum	98-1	100	73	73	82	18.73	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	40	50	67	52	25.80	cps
Phosphorus	31-2	80	77	110	89	20.65	cps
Potassium	39-2	34162	33978	34726	34289	1.14	cps
Rhodium	103-1	9817463	9917644	9856763	9863957	0.51	cps
Rhodium	103-2	5311696	5169038	5224199	5234978	1.37	cps
Scandium	45-1	5652154	5626663	5564385	5614401	0.80	cps
Scandium	45-2	469193	456359	464157	463236	1.40	cps
Selenium	82-1	321	314	395	343	13.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	167	107	153	142	22.15	cps
Silicon	28-1	138636	142088	140365	140363	1.23	cps
Silver	107-1	50	50	107	69	47.49	cps
Silver	109-1	20	17	27	21	24.12	cps
Sodium	23-2	8229	8382	8212	8275	1.13	cps
Strontium	86-1	200	193	163	186	10.52	cps
Strontium	88-1	270	207	230	236	13.60	cps
Sulfur	34-1	141515	142137	141337	141663	0.30	cps
Terbium	159-1	14462496	14485066	14523540	14490367	0.21	cps
Terbium	159-2	9058719	8890271	9014331	8987774	0.97	cps
Thallium	203-1	73	60	100	78	26.19	cps
Thallium	205-1	207	210	210	209	0.92	cps
Tin	118-1	433	377	383	398	7.79	cps
Titanium	47-1	83	63	127	91	35.54	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BL	Instrumnet Name :	P7
Client Sample ID :	PBW911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:10:06	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	7	3	4	43.40	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	11276093	11415557	11198447	11296699	0.97	cps
Yttrium	89-2	2682005	2630866	2677750	2663540	1.07	cps
Zinc	66-2	290	197	240	242	19.28	cps
Zirconium	90-1	543	613	503	553	10.06	cps
Zirconium	91-1	150	73	103	109	35.48	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BS	Instrumnet Name :	P7
Client Sample ID :	LCS911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:13:22	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5454	5211	5141	5269	3.12	cps
Antimony	121-1	23603	23937	23179	23573	1.61	cps
Arsenic	75-2	587	563	543	564	3.84	cps
Barium	135-1	30660	30626	30175	30487	0.89	cps
Barium	137-1	52058	52875	53089	52674	1.03	cps
Beryllium	9-1	1867	2040	2184	2030	7.81	cps
Bismuth	209-1	8900793	8784808	8766347	8817316	0.83	cps
Bismuth	209-2	6780508	6822548	6717718	6773591	0.78	cps
Bromine	81-1	7889	8022	7705	7872	2.02	cps
Bromine	81-2	40	27	43	37	24.04	cps
Cadmium	108-1	213	217	243	224	7.33	cps
Cadmium	106-1	3460	3460	3537	3486	1.27	cps
Cadmium	111-1	5500	5544	5289	5445	2.50	cps
Calcium	43-1	15420	15139	15123	15227	1.10	cps
Calcium	44-1	246985	251294	248604	248961	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9673	9556	9543	9591	0.75	cps
Cobalt	59-2	6545	6418	6588	6517	1.36	cps
Copper	63-2	9637	10023	9703	9788	2.11	cps
Dysprosium	156-1	33	17	20	23	37.78	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	93	93	100	96	4.03	cps
Erbium	164-2	53	80	60	64	21.54	cps
Gadolinium	160-1	37	57	47	47	21.43	cps
Gadolinium	160-2	440	460	460	453	2.55	cps
Holmium	165-1	14136473	13938884	14139218	14071525	0.82	cps
Holmium	165-2	9081785	9166806	8984220	9077604	1.01	cps
Indium	115-1	10882924	10862497	10928285	10891236	0.31	cps
Indium	115-2	3454039	3465768	3504545	3474784	0.76	cps
Iron	56-2	784336	784655	783429	784140	0.08	cps
Iron	57-2	20190	20230	20134	20185	0.24	cps
Iron	54-2	43971	43964	43516	43817	0.59	cps
Krypton	83-1	100	97	103	100	3.33	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BS	Instrumnet Name :	P7
Client Sample ID :	LCS911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:13:22	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8933	9166	9193	9098	1.57	cps
Lead	207-1	8163	7962	8373	8166	2.51	cps
Lead	208-1	36152	36570	37027	36583	1.20	cps
Lithium	6-1	2071284	2081184	2056167	2069545	0.61	cps
Magnesium	24-2	206421	207083	206310	206605	0.20	cps
Manganese	55-2	4274	4157	4314	4248	1.92	cps
Molybdenum	94-1	24337	23733	23689	23920	1.51	cps
Molybdenum	95-1	28722	29006	28899	28875	0.50	cps
Molybdenum	96-1	31978	32590	32256	32274	0.95	cps
Molybdenum	97-1	18268	18325	18352	18315	0.23	cps
Molybdenum	98-1	47022	48106	47306	47478	1.18	cps
Neodymium	150-1	10	10	3	8	49.52	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1787	1670	1773	1743	3.66	cps
Phosphorus	31-2	113	80	150	114	30.59	cps
Potassium	39-2	288174	287070	288529	287924	0.26	cps
Rhodium	103-1	9838429	9980666	9912013	9910369	0.72	cps
Rhodium	103-2	5319907	5278536	5205040	5267828	1.10	cps
Scandium	45-1	5688044	5696256	5702843	5695715	0.13	cps
Scandium	45-2	462928	466367	463774	464356	0.39	cps
Selenium	82-1	1245	1326	1256	1275	3.44	cps
Selenium	77-2	43	103	117	88	44.51	cps
Selenium	78-2	510	357	360	409	21.42	cps
Silicon	28-1	190888	190608	192633	191377	0.57	cps
Silver	107-1	13813	14411	14010	14078	2.16	cps
Silver	109-1	13286	13623	13483	13464	1.26	cps
Sodium	23-2	331948	330096	331445	331163	0.29	cps
Strontium	86-1	3864	4054	3957	3958	2.40	cps
Strontium	88-1	32185	32913	32967	32689	1.34	cps
Sulfur	34-1	143577	142050	143658	143095	0.63	cps
Terbium	159-1	14574144	14661420	14713113	14649559	0.48	cps
Terbium	159-2	9218643	9106338	9011795	9112259	1.14	cps
Thallium	203-1	10661	11161	10511	10778	3.16	cps
Thallium	205-1	25648	25664	25404	25572	0.57	cps
Tin	118-1	827	793	893	838	6.08	cps
Titanium	47-1	6852	7258	7105	7072	2.91	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	PB163911BS	Instrumnet Name :	P7
Client Sample ID :	LCS911	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:13:22	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32891	33555	33011	33152	1.07	cps
Vanadium	51-2	18625	18321	18274	18407	1.03	cps
Yttrium	89-1	11444623	11297775	11250858	11331085	0.89	cps
Yttrium	89-2	2667904	2657878	2681875	2669219	0.45	cps
Zinc	66-2	4244	4307	4371	4307	1.47	cps
Zirconium	90-1	20531	21109	20795	20812	1.39	cps
Zirconium	91-1	4587	4551	4524	4554	0.70	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-01	Instrumnet Name :	P7
Client Sample ID :	PMW-1(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:16:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16286	15341	15071	15566	4.10	cps
Antimony	121-1	273	327	310	303	8.99	cps
Arsenic	75-2	593	580	613	596	2.82	cps
Barium	135-1	75264	76340	75670	75758	0.72	cps
Barium	137-1	129180	130949	131373	130501	0.89	cps
Beryllium	9-1	97	150	110	119	23.34	cps
Bismuth	209-1	8682225	8675274	8795671	8717723	0.78	cps
Bismuth	209-2	7001552	6813120	6728852	6847841	2.04	cps
Bromine	81-1	151141	179894	200227	177088	13.93	cps
Bromine	81-2	35219	36288	37183	36230	2.72	cps
Cadmium	108-1	13	13	23	17	34.65	cps
Cadmium	106-1	3284	2930	2917	3044	6.83	cps
Cadmium	111-1	2339	2085	2076	2167	6.90	cps
Calcium	43-1	94888	95028	97288	95734	1.41	cps
Calcium	44-1	1422916	1442174	1446944	1437345	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4677	4687	4764	4710	1.01	cps
Cobalt	59-2	149617	147591	146207	147805	1.16	cps
Copper	63-2	1677	1670	1637	1661	1.29	cps
Dysprosium	156-1	1220	1140	1253	1205	4.84	cps
Dysprosium	156-2	803	923	877	868	6.97	cps
Erbium	164-1	1093	1030	1183	1102	6.99	cps
Erbium	164-2	770	750	680	733	6.44	cps
Gadolinium	160-1	1133	1140	1140	1138	0.34	cps
Gadolinium	160-2	1293	1343	1263	1300	3.11	cps
Holmium	165-1	13954688	13914351	14054483	13974507	0.52	cps
Holmium	165-2	9461405	9398993	9166424	9342274	1.66	cps
Indium	115-1	10647555	10643753	10591286	10627531	0.30	cps
Indium	115-2	3525126	3413700	3392784	3443870	2.07	cps
Iron	56-2	140303828	137984785	138487358	138925323	0.88	cps
Iron	57-2	3475451	3422840	3352242	3416844	1.81	cps
Iron	54-2	7487352	7521292	7510947	7506530	0.23	cps
Krypton	83-1	113	97	103	104	8.03	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-01	Instrumnet Name :	P7
Client Sample ID :	PMW-1(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:16:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2277	2444	2464	2395	4.28	cps
Lead	207-1	1990	2100	2137	2076	3.68	cps
Lead	208-1	9458	9561	10058	9693	3.31	cps
Lithium	6-1	2052899	2066420	2035510	2051610	0.76	cps
Magnesium	24-2	2336393	2299631	2276820	2304281	1.30	cps
Manganese	55-2	5123398	5062403	5050888	5078896	0.77	cps
Molybdenum	94-1	2140	2013	1960	2038	4.54	cps
Molybdenum	95-1	950	970	1070	997	6.45	cps
Molybdenum	96-1	3240	3140	3304	3228	2.55	cps
Molybdenum	97-1	543	683	540	589	13.89	cps
Molybdenum	98-1	1413	1357	1247	1339	6.33	cps
Neodymium	150-1	1967	1937	1994	1966	1.44	cps
Neodymium	150-2	1113	1003	1013	1043	5.83	cps
Nickel	60-2	30364	29816	29689	29957	1.20	cps
Phosphorus	31-2	837	830	803	823	2.14	cps
Potassium	39-2	477113	477341	469108	474521	0.99	cps
Rhodium	103-1	9513548	9602501	9419015	9511688	0.96	cps
Rhodium	103-2	5280922	5145791	5124982	5183898	1.63	cps
Scandium	45-1	5460471	5418920	5427188	5435526	0.40	cps
Scandium	45-2	458288	451507	452185	453993	0.82	cps
Selenium	82-1	347	455	445	416	14.34	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	173	127	103	134	26.51	cps
Silicon	28-1	20841475	21135500	21166244	21047740	0.85	cps
Silver	107-1	137	110	113	120	12.11	cps
Silver	109-1	107	100	97	101	5.04	cps
Sodium	23-2	3825466	3827054	3757566	3803362	1.04	cps
Strontium	86-1	126225	125832	125055	125704	0.47	cps
Strontium	88-1	1082894	1101663	1096772	1093776	0.89	cps
Sulfur	34-1	751646	758869	756456	755657	0.49	cps
Terbium	159-1	14638850	14497365	14453220	14529811	0.67	cps
Terbium	159-2	9250883	9275030	9080538	9202151	1.15	cps
Thallium	203-1	93	107	73	91	18.42	cps
Thallium	205-1	347	283	297	309	10.81	cps
Tin	118-1	3024	3280	3014	3106	4.87	cps
Titanium	47-1	2774	2820	2747	2780	1.34	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-01	Instrumnet Name :	P7
Client Sample ID :	PMW-1(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:16:41	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	470	457	533	487	8.42	cps
Vanadium	51-2	1877	1657	1623	1719	8.01	cps
Yttrium	89-1	11066222	11041377	11130370	11079323	0.41	cps
Yttrium	89-2	2712946	2656802	2568559	2646103	2.75	cps
Zinc	66-2	45138	44175	43687	44333	1.67	cps
Zirconium	90-1	3570	3520	3757	3616	3.45	cps
Zirconium	91-1	827	740	810	792	5.80	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-02	Instrumnet Name :	P7
Client Sample ID :	PMW-2(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:19:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105999	106405	104687	105697	0.85	cps
Antimony	121-1	320	337	350	336	4.48	cps
Arsenic	75-2	423	513	540	492	12.42	cps
Barium	135-1	27891	28281	29036	28403	2.05	cps
Barium	137-1	48967	49114	48609	48897	0.53	cps
Beryllium	9-1	1593	1493	1500	1529	3.66	cps
Bismuth	209-1	8520641	8720665	8621100	8620802	1.16	cps
Bismuth	209-2	6556716	6634595	6642628	6611313	0.72	cps
Bromine	81-1	181670	210934	225166	205923	10.77	cps
Bromine	81-2	39212	38971	39626	39270	0.84	cps
Cadmium	108-1	13	10	17	13	25.01	cps
Cadmium	106-1	2920	3180	2687	2929	8.43	cps
Cadmium	111-1	2062	2259	1926	2082	8.05	cps
Calcium	43-1	1165685	1176506	1177771	1173321	0.57	cps
Calcium	44-1	17414798	17512967	17537107	17488291	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3494	3747	3404	3548	5.02	cps
Cobalt	59-2	31139	30752	30271	30720	1.42	cps
Copper	63-2	1403	1253	1263	1307	6.42	cps
Dysprosium	156-1	19303	19701	19073	19359	1.64	cps
Dysprosium	156-2	15078	14825	15235	15046	1.38	cps
Erbium	164-1	17034	16633	16637	16768	1.37	cps
Erbium	164-2	10961	10371	11468	10933	5.02	cps
Gadolinium	160-1	18055	18219	18349	18207	0.81	cps
Gadolinium	160-2	12656	12889	12249	12598	2.57	cps
Holmium	165-1	13926284	13980861	13862080	13923075	0.43	cps
Holmium	165-2	9088857	9179330	9133083	9133757	0.50	cps
Indium	115-1	10300048	10321114	10268890	10296684	0.26	cps
Indium	115-2	3312949	3275047	3306989	3298328	0.62	cps
Iron	56-2	124196445	123152402	121612585	122987144	1.06	cps
Iron	57-2	3074114	3103540	2989425	3055693	1.94	cps
Iron	54-2	6739785	6673806	6563740	6659110	1.34	cps
Krypton	83-1	107	117	140	121	14.12	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-02	Instrumnet Name :	P7
Client Sample ID :	PMW-2(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:19:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3207	3307	3447	3320	3.63	cps
Lead	207-1	2757	3034	2910	2900	4.78	cps
Lead	208-1	12856	13339	13403	13199	2.27	cps
Lithium	6-1	1997068	1939502	1947634	1961401	1.59	cps
Magnesium	24-2	1702439	1664727	1661999	1676388	1.35	cps
Manganese	55-2	2375812	2370643	2288367	2344941	2.09	cps
Molybdenum	94-1	1297	1387	1460	1381	5.92	cps
Molybdenum	95-1	363	397	333	364	8.69	cps
Molybdenum	96-1	2334	2440	2237	2337	4.35	cps
Molybdenum	97-1	213	230	200	214	7.01	cps
Molybdenum	98-1	377	500	393	423	15.81	cps
Neodymium	150-1	27086	26859	27119	27021	0.52	cps
Neodymium	150-2	14781	14691	14548	14673	0.80	cps
Nickel	60-2	10264	10334	9923	10174	2.16	cps
Phosphorus	31-2	523	630	560	571	9.49	cps
Potassium	39-2	3781859	3735416	3699244	3738840	1.11	cps
Rhodium	103-1	9110925	9139559	8976127	9075537	0.96	cps
Rhodium	103-2	4877247	4836577	4931759	4881861	0.98	cps
Scandium	45-1	5173422	5210784	5121430	5168545	0.87	cps
Scandium	45-2	429762	430562	427774	429366	0.33	cps
Selenium	82-1	441	399	460	434	7.16	cps
Selenium	77-2	50	33	13	32	56.98	cps
Selenium	78-2	170	243	173	196	21.18	cps
Silicon	28-1	7282698	7308189	7370063	7320317	0.61	cps
Silver	107-1	123	83	90	99	21.68	cps
Silver	109-1	67	43	50	53	22.54	cps
Sodium	23-2	15296736	15190449	15079240	15188808	0.72	cps
Strontium	86-1	306246	309802	310549	308866	0.74	cps
Strontium	88-1	2697168	2737344	2736992	2723835	0.85	cps
Sulfur	34-1	2272700	2294485	2292752	2286646	0.53	cps
Terbium	159-1	14453596	14522563	14297239	14424466	0.80	cps
Terbium	159-2	8941926	8923093	8989657	8951559	0.38	cps
Thallium	203-1	917	850	920	896	4.41	cps
Thallium	205-1	2124	1950	1987	2020	4.52	cps
Tin	118-1	2517	2537	2647	2567	2.73	cps
Titanium	47-1	537	383	463	461	16.63	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-02	Instrumnet Name :	P7
Client Sample ID :	PMW-2(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:19:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2424	2437	2504	2455	1.75	cps
Vanadium	51-2	7062	7172	6988	7074	1.31	cps
Yttrium	89-1	10976381	11056554	11007502	11013479	0.37	cps
Yttrium	89-2	2588758	2574852	2587356	2583655	0.30	cps
Zinc	66-2	10831	9990	10307	10376	4.09	cps
Zirconium	90-1	2987	3027	3140	3051	2.61	cps
Zirconium	91-1	563	650	663	626	8.68	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-03	Instrumnet Name :	P7
Client Sample ID :	PMW-9S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:23:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1960	2100	1890	1984	5.39	cps
Antimony	121-1	877	980	1027	961	7.99	cps
Arsenic	75-2	1307	1507	1493	1436	7.79	cps
Barium	135-1	104292	105288	106884	105488	1.24	cps
Barium	137-1	182211	186651	186697	185187	1.39	cps
Beryllium	9-1	47	40	33	40	16.68	cps
Bismuth	209-1	7062968	7257227	7299580	7206592	1.75	cps
Bismuth	209-2	5543235	5540300	5532891	5538809	0.10	cps
Bromine	81-1	2443151	2905719	3131326	2826732	12.41	cps
Bromine	81-2	552023	562400	572173	562199	1.79	cps
Cadmium	108-1	50	40	63	51	22.90	cps
Cadmium	106-1	2567	2597	2494	2552	2.08	cps
Cadmium	111-1	2195	2227	2061	2161	4.06	cps
Calcium	43-1	2991109	3073940	3154001	3073016	2.65	cps
Calcium	44-1	48109412	48933870	49740244	48927842	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13823	14033	14000	13952	0.81	cps
Cobalt	59-2	7502	7959	8112	7858	4.04	cps
Copper	63-2	3944	4137	4427	4170	5.84	cps
Dysprosium	156-1	160	170	130	153	13.58	cps
Dysprosium	156-2	110	83	100	98	13.78	cps
Erbium	164-1	210	247	230	229	8.02	cps
Erbium	164-2	143	93	107	114	22.63	cps
Gadolinium	160-1	180	167	163	170	5.19	cps
Gadolinium	160-2	510	500	550	520	5.09	cps
Holmium	165-1	12427322	12629885	12767158	12608122	1.36	cps
Holmium	165-2	8351958	8398014	8419403	8389791	0.41	cps
Indium	115-1	8566843	8855975	8930949	8784589	2.19	cps
Indium	115-2	2882079	2892981	2902545	2892535	0.35	cps
Iron	56-2	77436697	77551547	78030382	77672876	0.41	cps
Iron	57-2	2013722	1986458	1996894	1999025	0.69	cps
Iron	54-2	4171815	4203641	4201557	4192338	0.42	cps
Krypton	83-1	437	520	720	559	26.05	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-03	Instrumnet Name :	P7
Client Sample ID :	PMW-9S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:23:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2314	2800	2930	2681	12.13	cps
Lead	207-1	2004	2414	2617	2345	13.33	cps
Lead	208-1	9682	11019	11552	10751	8.96	cps
Lithium	6-1	1700841	1755135	1764060	1740012	1.97	cps
Magnesium	24-2	51078829	51628763	51429123	51378905	0.54	cps
Manganese	55-2	6818469	6749659	6852024	6806717	0.77	cps
Molybdenum	94-1	7575	7369	7532	7492	1.46	cps
Molybdenum	95-1	9587	9823	10287	9899	3.60	cps
Molybdenum	96-1	11194	11588	12219	11667	4.43	cps
Molybdenum	97-1	6301	6478	6228	6336	2.03	cps
Molybdenum	98-1	15635	15829	16139	15868	1.60	cps
Neodymium	150-1	177	200	190	189	6.20	cps
Neodymium	150-2	103	80	110	98	16.11	cps
Nickel	60-2	4557	4364	4341	4421	2.69	cps
Phosphorus	31-2	3577	3610	3440	3543	2.54	cps
Potassium	39-2	19918616	19914796	20051723	19961712	0.39	cps
Rhodium	103-1	7151833	7305615	7436694	7298047	1.95	cps
Rhodium	103-2	4103249	4131847	4184939	4140012	1.00	cps
Scandium	45-1	4496826	4648668	4719313	4621602	2.46	cps
Scandium	45-2	404768	403203	409711	405894	0.84	cps
Selenium	82-1	1007	1127	1005	1046	6.70	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	97	137	133	122	18.16	cps
Silicon	28-1	48632666	49651069	50625241	49636325	2.01	cps
Silver	107-1	543	397	547	496	17.28	cps
Silver	109-1	517	340	527	461	22.77	cps
Sodium	23-2	610653631	616063364	619277951	615331649	0.71	cps
Strontium	86-1	4406625	4500716	4549933	4485758	1.62	cps
Strontium	88-1	38462564	39389814	39894238	39248872	1.85	cps
Sulfur	34-1	6098386	6240539	6390362	6243096	2.34	cps
Terbium	159-1	12586936	13044551	13075026	12902171	2.12	cps
Terbium	159-2	8265147	8288187	8297988	8283774	0.20	cps
Thallium	203-1	277	300	343	307	11.03	cps
Thallium	205-1	953	773	830	852	10.80	cps
Tin	118-1	38381	39090	39925	39132	1.98	cps
Titanium	47-1	1623	1820	2030	1825	11.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-03	Instrumnet Name :	P7
Client Sample ID :	PMW-9S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:23:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4998	4794	4994	4929	2.36	cps
Vanadium	51-2	1503	1493	1423	1473	2.96	cps
Yttrium	89-1	9222563	9600965	9739369	9520966	2.81	cps
Yttrium	89-2	2325627	2277096	2303799	2302174	1.06	cps
Zinc	66-2	3194	3420	3087	3234	5.27	cps
Zirconium	90-1	4624	4757	4818	4733	2.09	cps
Zirconium	91-1	1170	997	1060	1076	8.16	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-04	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:26:05	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1547	1723	1733	1668	6.30	cps
Antimony	121-1	283	313	330	309	7.66	cps
Arsenic	75-2	53	33	57	48	26.42	cps
Barium	135-1	36219	36296	35447	35988	1.30	cps
Barium	137-1	61720	62577	61978	62091	0.71	cps
Beryllium	9-1	37	27	27	30	19.24	cps
Bismuth	209-1	8257973	8119011	7976657	8117880	1.73	cps
Bismuth	209-2	5547397	5860618	6107364	5838460	4.81	cps
Bromine	81-1	1429109	1616867	1697221	1581066	8.70	cps
Bromine	81-2	288339	288699	290073	289037	0.32	cps
Cadmium	108-1	10	17	17	14	26.66	cps
Cadmium	106-1	3004	2864	2700	2856	5.32	cps
Cadmium	111-1	2132	2060	1909	2033	5.61	cps
Calcium	43-1	964017	969134	969564	967572	0.32	cps
Calcium	44-1	14450838	14436232	14568644	14485238	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5661	5478	5424	5521	2.25	cps
Cobalt	59-2	211661	211508	209493	210888	0.57	cps
Copper	63-2	1980	1997	2094	2023	3.02	cps
Dysprosium	156-1	53	40	57	50	17.64	cps
Dysprosium	156-2	53	30	40	41	28.47	cps
Erbium	164-1	130	140	153	141	8.30	cps
Erbium	164-2	73	87	93	84	12.06	cps
Gadolinium	160-1	107	107	93	102	7.53	cps
Gadolinium	160-2	387	440	427	418	6.64	cps
Holmium	165-1	13903637	13719698	13467609	13696981	1.60	cps
Holmium	165-2	8161156	8687829	8988929	8612638	4.86	cps
Indium	115-1	9961378	9606614	9585089	9717694	2.17	cps
Indium	115-2	2829536	3013338	3088836	2977237	4.48	cps
Iron	56-2	121059458	120248228	120240658	120516115	0.39	cps
Iron	57-2	3008469	3001753	2951902	2987375	1.03	cps
Iron	54-2	6599658	6499526	6495723	6531636	0.90	cps
Krypton	83-1	137	160	220	172	24.96	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-04	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:26:05	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1377	1343	1477	1399	4.96	cps
Lead	207-1	1233	1287	1130	1217	6.55	cps
Lead	208-1	5551	5751	5727	5676	1.93	cps
Lithium	6-1	1972662	1923549	1903867	1933359	1.83	cps
Magnesium	24-2	16591731	16327137	16344067	16420979	0.90	cps
Manganese	55-2	15728284	15527378	15645235	15633632	0.65	cps
Molybdenum	94-1	723	677	717	706	3.58	cps
Molybdenum	95-1	823	870	830	841	3.00	cps
Molybdenum	96-1	1990	2044	1967	2000	1.97	cps
Molybdenum	97-1	213	247	193	218	12.37	cps
Molybdenum	98-1	377	337	363	359	5.68	cps
Neodymium	150-1	113	60	83	86	31.25	cps
Neodymium	150-2	43	47	23	38	33.41	cps
Nickel	60-2	22170	21455	22197	21941	1.92	cps
Phosphorus	31-2	117	120	140	126	10.05	cps
Potassium	39-2	5043329	4971336	5077477	5030714	1.08	cps
Rhodium	103-1	8340454	8068787	8105088	8171443	1.80	cps
Rhodium	103-2	4105793	4342879	4475887	4308186	4.35	cps
Scandium	45-1	5113484	4931162	4982131	5008926	1.88	cps
Scandium	45-2	381188	407846	424749	404594	5.43	cps
Selenium	82-1	867	876	881	875	0.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	113	117	130	120	7.35	cps
Silicon	28-1	14197753	14360737	14269026	14275839	0.57	cps
Silver	107-1	333	253	360	316	17.59	cps
Silver	109-1	260	243	237	247	4.87	cps
Sodium	23-2	285005176	285174609	283046282	284408689	0.42	cps
Strontium	86-1	1090641	1088871	1094284	1091265	0.25	cps
Strontium	88-1	9575824	9560106	9671978	9602636	0.63	cps
Sulfur	34-1	3816325	3753790	3749895	3773337	0.99	cps
Terbium	159-1	14315115	13994441	13873574	14061043	1.62	cps
Terbium	159-2	7924138	8505192	8854369	8427900	5.58	cps
Thallium	203-1	173	160	173	169	4.56	cps
Thallium	205-1	397	327	330	351	11.25	cps
Tin	118-1	2817	2790	2804	2804	0.48	cps
Titanium	47-1	793	757	840	797	5.24	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-04	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:26:05	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	307	327	373	336	10.20	cps
Vanadium	51-2	290	180	297	256	25.64	cps
Yttrium	89-1	10582362	10291697	10234591	10369550	1.80	cps
Yttrium	89-2	2216713	2360725	2452049	2343162	5.06	cps
Zinc	66-2	5925	5998	5868	5930	1.10	cps
Zirconium	90-1	1347	1313	1250	1303	3.77	cps
Zirconium	91-1	287	250	290	276	8.06	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-05	Instrumnet Name :	P7
Client Sample ID :	PMW-8S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:29:15	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3779	2967	3057	3268	13.63	cps
Antimony	121-1	213	300	203	239	22.25	cps
Arsenic	75-2	397	400	430	409	4.49	cps
Barium	135-1	38422	38756	39468	38882	1.37	cps
Barium	137-1	67703	66876	68986	67855	1.57	cps
Beryllium	9-1	70	83	77	77	8.69	cps
Bismuth	209-1	8932593	8997506	8961689	8963929	0.36	cps
Bismuth	209-2	6711787	6665064	6683024	6686625	0.35	cps
Bromine	81-1	308650	325578	330178	321469	3.53	cps
Bromine	81-2	55838	54179	55260	55092	1.53	cps
Cadmium	108-1	17	10	10	12	31.50	cps
Cadmium	106-1	3030	2827	3107	2988	4.84	cps
Cadmium	111-1	2126	1982	2178	2095	4.85	cps
Calcium	43-1	1007183	1021877	1022560	1017207	0.85	cps
Calcium	44-1	15167568	15240979	15384176	15264241	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2244	2374	2367	2328	3.15	cps
Cobalt	59-2	54298	53398	53485	53727	0.92	cps
Copper	63-2	1627	1647	1613	1629	1.03	cps
Dysprosium	156-1	293	300	203	266	20.33	cps
Dysprosium	156-2	207	263	203	224	15.02	cps
Erbium	164-1	410	357	470	412	13.75	cps
Erbium	164-2	353	280	363	332	13.70	cps
Gadolinium	160-1	357	373	347	359	3.75	cps
Gadolinium	160-2	620	760	573	651	14.92	cps
Holmium	165-1	14309012	14428746	14316046	14351268	0.47	cps
Holmium	165-2	9223308	9269612	9336924	9276615	0.62	cps
Indium	115-1	10386617	10502693	10434734	10441348	0.56	cps
Indium	115-2	3256068	3316588	3319229	3297295	1.08	cps
Iron	56-2	178731104	176238577	176234851	177068177	0.81	cps
Iron	57-2	4378777	4367123	4341193	4362364	0.44	cps
Iron	54-2	9599555	9565843	9504732	9556710	0.50	cps
Krypton	83-1	100	93	113	102	9.97	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-05	Instrumnet Name :	P7
Client Sample ID :	PMW-8S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:29:15	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4177	4487	4481	4382	4.04	cps
Lead	207-1	3977	3651	3814	3814	4.28	cps
Lead	208-1	17251	17084	17178	17171	0.49	cps
Lithium	6-1	2033581	2017157	2023585	2024775	0.41	cps
Magnesium	24-2	3570012	3589324	3582232	3580523	0.27	cps
Manganese	55-2	5150699	5199854	5131755	5160770	0.68	cps
Molybdenum	94-1	770	760	790	773	1.98	cps
Molybdenum	95-1	307	367	367	347	9.99	cps
Molybdenum	96-1	2564	2714	2834	2704	5.00	cps
Molybdenum	97-1	160	157	153	157	2.13	cps
Molybdenum	98-1	313	300	267	293	8.20	cps
Neodymium	150-1	290	323	390	334	15.22	cps
Neodymium	150-2	217	240	167	208	18.03	cps
Nickel	60-2	2280	2130	2117	2176	4.17	cps
Phosphorus	31-2	1600	1760	1813	1725	6.44	cps
Potassium	39-2	1208081	1209857	1208598	1208845	0.08	cps
Rhodium	103-1	8906930	9055641	8995321	8985964	0.83	cps
Rhodium	103-2	4878598	4870071	4893142	4880604	0.24	cps
Scandium	45-1	5075114	5181326	5113260	5123233	1.05	cps
Scandium	45-2	430918	434536	436237	433897	0.63	cps
Selenium	82-1	448	489	453	464	4.85	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	107	97	93	99	7.02	cps
Silicon	28-1	16556477	16573636	16740352	16623488	0.61	cps
Silver	107-1	113	117	163	131	21.32	cps
Silver	109-1	87	113	77	92	20.55	cps
Sodium	23-2	21621895	21476414	21462055	21520121	0.41	cps
Strontium	86-1	665351	666491	672401	668081	0.57	cps
Strontium	88-1	5824515	5923219	5894114	5880616	0.86	cps
Sulfur	34-1	2125227	2096525	2159356	2127036	1.48	cps
Terbium	159-1	14862333	14611641	14768054	14747343	0.86	cps
Terbium	159-2	9111145	9185952	9036769	9111289	0.82	cps
Thallium	203-1	50	47	40	46	11.18	cps
Thallium	205-1	83	130	137	117	24.91	cps
Tin	118-1	1913	1990	1910	1938	2.34	cps
Titanium	47-1	787	917	843	849	7.68	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-05	Instrumnet Name :	P7
Client Sample ID :	PMW-8S(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:29:15	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	223	230	203	219	6.34	cps
Vanadium	51-2	490	540	673	568	16.69	cps
Yttrium	89-1	10731656	10766884	10727319	10741953	0.20	cps
Yttrium	89-2	2539770	2504541	2528473	2524261	0.71	cps
Zinc	66-2	2067	2060	2130	2086	1.85	cps
Zirconium	90-1	1407	1590	1600	1532	7.10	cps
Zirconium	91-1	347	367	313	342	7.87	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-06	Instrumnet Name :	P7
Client Sample ID :	PMW-8D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:32:24	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1617	1580	1653	1617	2.27	cps
Antimony	121-1	153	160	170	161	5.20	cps
Arsenic	75-2	203	277	240	240	15.28	cps
Barium	135-1	35254	35678	36109	35680	1.20	cps
Barium	137-1	60792	61502	61100	61132	0.58	cps
Beryllium	9-1	60	53	77	63	18.98	cps
Bismuth	209-1	8950013	8865558	8870657	8895409	0.53	cps
Bismuth	209-2	6666167	6709643	6680735	6685515	0.33	cps
Bromine	81-1	207025	228625	232503	222718	6.16	cps
Bromine	81-2	38757	39058	39259	39025	0.65	cps
Cadmium	108-1	10	10	7	9	21.63	cps
Cadmium	106-1	3104	2974	2840	2973	4.43	cps
Cadmium	111-1	2179	2088	2000	2089	4.28	cps
Calcium	43-1	730403	731527	729373	730434	0.15	cps
Calcium	44-1	10933640	10996894	10979586	10970040	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1530	1477	1447	1485	2.84	cps
Cobalt	59-2	33117	32813	32676	32868	0.69	cps
Copper	63-2	1137	1100	1123	1120	1.66	cps
Dysprosium	156-1	563	510	560	544	5.49	cps
Dysprosium	156-2	380	333	380	364	7.39	cps
Erbium	164-1	597	537	567	567	5.29	cps
Erbium	164-2	320	333	373	342	8.11	cps
Gadolinium	160-1	517	513	533	521	2.06	cps
Gadolinium	160-2	820	743	730	764	6.35	cps
Holmium	165-1	14218462	14325615	14292274	14278784	0.38	cps
Holmium	165-2	9218371	9233050	9212709	9221377	0.11	cps
Indium	115-1	10436068	10447228	10386764	10423353	0.31	cps
Indium	115-2	3298564	3338512	3264750	3300609	1.12	cps
Iron	56-2	210521217	211605617	210333324	210820052	0.33	cps
Iron	57-2	5261801	5174796	5170441	5202346	0.99	cps
Iron	54-2	11513974	11427807	11438928	11460236	0.41	cps
Krypton	83-1	90	93	100	94	5.39	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-06	Instrumnet Name :	P7
Client Sample ID :	PMW-8D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:32:24	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1117	1270	1330	1239	8.88	cps
Lead	207-1	1080	960	960	1000	6.93	cps
Lead	208-1	4720	4797	4800	4773	0.95	cps
Lithium	6-1	2010032	1988679	2003829	2000847	0.55	cps
Magnesium	24-2	3552106	3558197	3567995	3559433	0.23	cps
Manganese	55-2	5474757	5385919	5414551	5425075	0.84	cps
Molybdenum	94-1	740	703	743	729	3.04	cps
Molybdenum	95-1	470	543	487	500	7.69	cps
Molybdenum	96-1	3377	3420	3417	3405	0.71	cps
Molybdenum	97-1	243	223	263	243	8.22	cps
Molybdenum	98-1	470	517	493	493	4.73	cps
Neodymium	150-1	687	640	703	677	4.85	cps
Neodymium	150-2	377	367	327	357	7.42	cps
Nickel	60-2	1230	1393	1277	1300	6.47	cps
Phosphorus	31-2	1480	1453	1483	1472	1.12	cps
Potassium	39-2	947458	943660	947170	946096	0.22	cps
Rhodium	103-1	9214213	9165280	9074677	9151390	0.77	cps
Rhodium	103-2	4967183	4916355	4942304	4941947	0.51	cps
Scandium	45-1	5215226	5236485	5200287	5217333	0.35	cps
Scandium	45-2	434348	433703	433708	433919	0.09	cps
Selenium	82-1	429	413	467	436	6.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	143	130	133	6.62	cps
Silicon	28-1	15952538	16126374	16082138	16053683	0.56	cps
Silver	107-1	70	50	70	63	18.23	cps
Silver	109-1	40	50	20	37	41.66	cps
Sodium	23-2	18707857	18690103	18714877	18704279	0.07	cps
Strontium	86-1	537754	541893	546319	541989	0.79	cps
Strontium	88-1	4733788	4726541	4736253	4732194	0.11	cps
Sulfur	34-1	2517466	2525055	2501577	2514699	0.48	cps
Terbium	159-1	14770532	14659786	14715929	14715416	0.38	cps
Terbium	159-2	9022048	9082810	9209104	9104654	1.05	cps
Thallium	203-1	47	70	60	59	19.88	cps
Thallium	205-1	147	183	113	148	23.69	cps
Tin	118-1	1827	1930	1890	1882	2.77	cps
Titanium	47-1	390	533	423	449	16.71	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-06	Instrumnet Name :	P7
Client Sample ID :	PMW-8D(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:32:24	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	343	400	380	374	7.68	cps
Vanadium	51-2	900	883	920	901	2.04	cps
Yttrium	89-1	10873760	10902680	10946532	10907657	0.34	cps
Yttrium	89-2	2523224	2544644	2551507	2539792	0.58	cps
Zinc	66-2	1707	1730	1633	1690	2.98	cps
Zirconium	90-1	1007	1117	1207	1110	9.02	cps
Zirconium	91-1	223	260	237	240	7.73	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-07	Instrumnet Name :	P7
Client Sample ID :	DUP(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:35:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1577	1790	1890	1752	9.13	cps
Antimony	121-1	1173	1147	1070	1130	4.75	cps
Arsenic	75-2	1403	1410	1477	1430	2.84	cps
Barium	135-1	103083	102831	103946	103287	0.57	cps
Barium	137-1	176605	178870	179639	178371	0.88	cps
Beryllium	9-1	37	33	37	36	5.42	cps
Bismuth	209-1	7323368	7362328	7372401	7352699	0.35	cps
Bismuth	209-2	5563672	5506835	5557449	5542652	0.56	cps
Bromine	81-1	2516399	2880455	3151480	2849445	11.18	cps
Bromine	81-2	553345	556576	560837	556920	0.67	cps
Cadmium	108-1	43	20	30	31	37.62	cps
Cadmium	106-1	2660	2630	2594	2628	1.27	cps
Cadmium	111-1	2135	2237	2158	2177	2.46	cps
Calcium	43-1	2940630	2941441	2985057	2955709	0.86	cps
Calcium	44-1	46955623	47502917	48148186	47535575	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5861	5731	5758	5783	1.19	cps
Cobalt	59-2	7539	7385	7128	7351	2.82	cps
Copper	63-2	3734	3674	3741	3716	0.99	cps
Dysprosium	156-1	153	143	123	140	10.91	cps
Dysprosium	156-2	110	93	97	100	8.82	cps
Erbium	164-1	213	237	217	222	5.68	cps
Erbium	164-2	160	147	143	150	5.88	cps
Gadolinium	160-1	133	160	173	156	13.09	cps
Gadolinium	160-2	450	433	477	453	4.82	cps
Holmium	165-1	12800861	12962058	12902810	12888576	0.63	cps
Holmium	165-2	8534848	8451428	8542721	8509666	0.59	cps
Indium	115-1	8994931	9021686	9080715	9032444	0.49	cps
Indium	115-2	2958137	2867049	2926456	2917214	1.59	cps
Iron	56-2	75873364	75884129	75876722	75878072	0.01	cps
Iron	57-2	1915603	1928533	1933865	1926000	0.49	cps
Iron	54-2	4148098	4109868	4146957	4134974	0.53	cps
Krypton	83-1	327	537	623	496	30.78	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-07	Instrumnet Name :	P7
Client Sample ID :	DUP(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:35:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1230	1617	1657	1501	15.70	cps
Lead	207-1	1173	1650	1510	1445	16.96	cps
Lead	208-1	5214	6881	6724	6273	14.67	cps
Lithium	6-1	1776424	1787781	1811352	1791852	0.99	cps
Magnesium	24-2	49425131	48867148	49306058	49199445	0.60	cps
Manganese	55-2	6466461	6373800	6501501	6447254	1.02	cps
Molybdenum	94-1	6662	7005	6872	6846	2.53	cps
Molybdenum	95-1	9313	9630	9870	9604	2.91	cps
Molybdenum	96-1	11301	11151	11211	11221	0.67	cps
Molybdenum	97-1	5861	6161	6145	6056	2.79	cps
Molybdenum	98-1	15075	15168	15705	15316	2.22	cps
Neodymium	150-1	157	163	183	168	8.27	cps
Neodymium	150-2	73	80	90	81	10.34	cps
Nickel	60-2	2977	3084	3087	3049	2.05	cps
Phosphorus	31-2	3630	3567	3697	3632	1.79	cps
Potassium	39-2	19053498	18958912	19059248	19023886	0.30	cps
Rhodium	103-1	7536437	7571457	7677674	7595189	0.97	cps
Rhodium	103-2	4227082	4203817	4198325	4209741	0.36	cps
Scandium	45-1	4865170	4805022	4875064	4848419	0.78	cps
Scandium	45-2	417405	413947	412517	414623	0.61	cps
Selenium	82-1	1107	1078	1088	1091	1.33	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	137	110	123	123	10.81	cps
Silicon	28-1	47953124	48070269	49061251	48361548	1.26	cps
Silver	107-1	300	483	920	568	56.10	cps
Silver	109-1	227	440	780	482	57.87	cps
Sodium	23-2	591312458	584703831	588816338	588277542	0.57	cps
Strontium	86-1	4319646	4345178	4319831	4328218	0.34	cps
Strontium	88-1	37765629	38189176	37885348	37946718	0.58	cps
Sulfur	34-1	6113200	6151841	6258094	6174378	1.22	cps
Terbium	159-1	13215966	13226181	13217562	13219903	0.04	cps
Terbium	159-2	8413673	8264152	8333908	8337244	0.90	cps
Thallium	203-1	213	190	200	201	5.82	cps
Thallium	205-1	513	457	617	529	15.34	cps
Tin	118-1	1953	2027	1883	1955	3.67	cps
Titanium	47-1	1483	1770	1867	1707	11.68	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-07	Instrumnet Name :	P7
Client Sample ID :	DUP(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:35:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4598	4541	4634	4591	1.02	cps
Vanadium	51-2	1493	1477	1460	1477	1.13	cps
Yttrium	89-1	9802360	9886445	9811848	9833551	0.47	cps
Yttrium	89-2	2328366	2341244	2345515	2338375	0.38	cps
Zinc	66-2	1553	1387	1530	1490	6.06	cps
Zirconium	90-1	4584	4301	4547	4477	3.44	cps
Zirconium	91-1	1017	940	993	983	4.00	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:38:40	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5899440	5900693	5934343	5911492	0.33	cps
Antimony	121-1	3090235	3178910	3186160	3151769	1.69	cps
Arsenic	75-2	131516	131657	130332	131168	0.55	cps
Barium	135-1	4369304	4388724	4369065	4375698	0.26	cps
Barium	137-1	7447366	7560736	7559630	7522577	0.87	cps
Beryllium	9-1	497070	498879	501884	499278	0.49	cps
Bismuth	209-1	8640143	8391648	8460765	8497519	1.51	cps
Bismuth	209-2	6237814	6340334	6260583	6279577	0.86	cps
Bromine	81-1	180191	155007	134875	156691	14.49	cps
Bromine	81-2	16189	14771	14053	15004	7.24	cps
Cadmium	108-1	54184	54950	55593	54909	1.28	cps
Cadmium	106-1	80535	80371	79660	80189	0.58	cps
Cadmium	111-1	732155	737440	737943	735846	0.44	cps
Calcium	43-1	3761414	3784731	3774005	3773383	0.31	cps
Calcium	44-1	60726558	60767123	60618048	60703910	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1034004	1025507	1031187	1030233	0.42	cps
Cobalt	59-2	1523997	1514298	1523888	1520728	0.37	cps
Copper	63-2	10506341	10584906	10395176	10495474	0.91	cps
Dysprosium	156-1	237	183	243	221	14.87	cps
Dysprosium	156-2	290	290	313	298	4.52	cps
Erbium	164-1	247	217	197	220	11.44	cps
Erbium	164-2	143	167	157	156	7.52	cps
Gadolinium	160-1	177	157	190	174	9.62	cps
Gadolinium	160-2	520	550	460	510	8.99	cps
Holmium	165-1	14536128	14144117	14145394	14275213	1.58	cps
Holmium	165-2	9006295	9078887	9089181	9058121	0.50	cps
Indium	115-1	10360526	9879678	10031441	10090548	2.44	cps
Indium	115-2	3181900	3188709	3177546	3182718	0.18	cps
Iron	56-2	228254283	227600883	228646977	228167381	0.23	cps
Iron	57-2	5607337	5701902	5695753	5668331	0.93	cps
Iron	54-2	12396648	12349274	12292317	12346080	0.42	cps
Krypton	83-1	117	123	117	119	3.24	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:38:40	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12826139	12872073	12882873	12860361	0.23	cps
Lead	207-1	11409979	11482514	11514017	11468837	0.47	cps
Lead	208-1	51591370	51982754	51918252	51830792	0.40	cps
Lithium	6-1	2022750	1982636	1966148	1990511	1.46	cps
Magnesium	24-2	47399994	47651483	47225481	47425653	0.45	cps
Manganese	55-2	8258125	8189686	8188153	8211988	0.49	cps
Molybdenum	94-1	10748684	10769742	10851803	10790077	0.50	cps
Molybdenum	95-1	15799091	15875026	15913362	15862493	0.37	cps
Molybdenum	96-1	17073256	17226413	17406009	17235226	0.97	cps
Molybdenum	97-1	9949135	9950874	9889592	9929867	0.35	cps
Molybdenum	98-1	25748166	25629265	25915300	25764244	0.56	cps
Neodymium	150-1	380	403	410	398	3.96	cps
Neodymium	150-2	97	103	93	98	5.21	cps
Nickel	60-2	369141	370151	369332	369541	0.15	cps
Phosphorus	31-2	59438	59636	59411	59495	0.21	cps
Potassium	39-2	29922781	29807770	29376987	29702513	0.97	cps
Rhodium	103-1	8830065	8482358	8576504	8629643	2.08	cps
Rhodium	103-2	4665689	4627248	4643442	4645460	0.42	cps
Scandium	45-1	5383464	5224573	5167172	5258403	2.13	cps
Scandium	45-2	435390	435870	436711	435990	0.15	cps
Selenium	82-1	42797	43038	43176	43004	0.45	cps
Selenium	77-2	3934	3931	3991	3952	0.85	cps
Selenium	78-2	13176	12555	12669	12800	2.58	cps
Silicon	28-1	6301090	6306543	6387654	6331762	0.77	cps
Silver	107-1	3568683	3600577	3581673	3583644	0.45	cps
Silver	109-1	3404885	3448682	3414550	3422705	0.67	cps
Sodium	23-2	80665179	80474370	80219625	80453058	0.28	cps
Strontium	86-1	24666228	24722407	24744081	24710905	0.16	cps
Strontium	88-1	215306703	216112730	217116463	216178632	0.42	cps
Sulfur	34-1	331322	330217	332437	331325	0.34	cps
Terbium	159-1	14908487	14437222	14373023	14572911	2.01	cps
Terbium	159-2	8944029	9186985	9097006	9076007	1.35	cps
Thallium	203-1	3307609	3257842	3326453	3297301	1.08	cps
Thallium	205-1	7762717	7793332	7758631	7771560	0.24	cps
Tin	118-1	2634589	2714239	2692565	2680464	1.54	cps
Titanium	47-1	3643684	3623027	3665191	3643967	0.58	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:38:40	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10879432	10925094	11047482	10950669	0.79	cps
Vanadium	51-2	935418	933342	933829	934196	0.12	cps
Yttrium	89-1	11183808	10886394	10874102	10981435	1.60	cps
Yttrium	89-2	2481637	2466819	2508813	2485756	0.86	cps
Zinc	66-2	1778192	1789400	1767045	1778212	0.63	cps
Zirconium	90-1	5248772	5164239	5242296	5218436	0.90	cps
Zirconium	91-1	1162552	1167758	1169602	1166637	0.31	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:41:28	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	403	370	351	18.17	cps
Antimony	121-1	2210	2230	2550	2330	8.19	cps
Arsenic	75-2	7	10	7	8	24.71	cps
Barium	135-1	150	183	147	160	12.67	cps
Barium	137-1	277	257	293	276	6.66	cps
Beryllium	9-1	183	133	123	147	21.92	cps
Bismuth	209-1	9673501	9435536	9534851	9547963	1.25	cps
Bismuth	209-2	6948273	6977931	7034352	6986852	0.63	cps
Bromine	81-1	45199	42514	38904	42206	7.48	cps
Bromine	81-2	4894	4561	4607	4687	3.85	cps
Cadmium	108-1	7	3	10	7	50.03	cps
Cadmium	106-1	3250	2950	2927	3043	5.93	cps
Cadmium	111-1	2331	2100	2099	2176	6.14	cps
Calcium	43-1	278	238	225	247	11.18	cps
Calcium	44-1	5111	4517	4776	4801	6.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	347	303	427	359	17.43	cps
Cobalt	59-2	90	147	130	122	23.83	cps
Copper	63-2	1463	1790	1603	1619	10.12	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	100	93	113	102	9.96	cps
Erbium	164-2	60	47	37	48	24.50	cps
Gadolinium	160-1	50	40	27	39	30.10	cps
Gadolinium	160-2	470	493	423	462	7.71	cps
Holmium	165-1	15083427	14760671	14385797	14743299	2.37	cps
Holmium	165-2	9449090	9256726	9407362	9371059	1.08	cps
Indium	115-1	11217418	11066464	10936887	11073590	1.27	cps
Indium	115-2	3501109	3466305	3445471	3470962	0.81	cps
Iron	56-2	19299	25936	24390	23208	14.96	cps
Iron	57-2	843	1143	1120	1036	16.12	cps
Iron	54-2	1677	2047	1893	1872	9.93	cps
Krypton	83-1	120	97	120	112	12.00	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:41:28	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1483	1393	1453	1443	3.18	cps
Lead	207-1	1337	1257	1217	1270	4.81	cps
Lead	208-1	6167	5484	5521	5724	6.72	cps
Lithium	6-1	2138236	2134465	2086787	2119829	1.35	cps
Magnesium	24-2	2947	4617	3994	3853	21.91	cps
Manganese	55-2	747	1033	893	891	16.09	cps
Molybdenum	94-1	877	907	940	908	3.49	cps
Molybdenum	95-1	1020	863	960	948	8.34	cps
Molybdenum	96-1	1103	1020	1077	1067	3.99	cps
Molybdenum	97-1	673	550	580	601	10.70	cps
Molybdenum	98-1	1717	1417	1377	1503	12.36	cps
Neodymium	150-1	3	7	3	4	43.40	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	63	80	77	73	12.03	cps
Phosphorus	31-2	90	60	110	87	29.04	cps
Potassium	39-2	36678	37459	36540	36892	1.34	cps
Rhodium	103-1	9897310	9753757	9738914	9796660	0.89	cps
Rhodium	103-2	5200426	5293660	5229129	5241072	0.91	cps
Scandium	45-1	5492283	5467296	5426963	5462181	0.60	cps
Scandium	45-2	452380	453058	456043	453827	0.43	cps
Selenium	82-1	324	374	313	337	9.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	153	187	120	153	21.74	cps
Silicon	28-1	137335	135616	136904	136618	0.65	cps
Silver	107-1	540	410	407	452	16.81	cps
Silver	109-1	500	420	360	427	16.46	cps
Sodium	23-2	86256	95561	86273	89363	6.01	cps
Strontium	86-1	963	750	657	790	19.90	cps
Strontium	88-1	6245	5358	5561	5721	8.12	cps
Sulfur	34-1	118374	117601	116671	117549	0.73	cps
Terbium	159-1	15355399	15213106	15224467	15264324	0.52	cps
Terbium	159-2	9295122	9367282	9202964	9288456	0.89	cps
Thallium	203-1	423	367	267	352	22.52	cps
Thallium	205-1	1040	947	753	913	16.01	cps
Tin	118-1	1040	1090	1093	1074	2.78	cps
Titanium	47-1	330	237	327	298	17.78	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:41:28	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	300	250	287	279	9.28	cps
Vanadium	51-2	30	67	33	43	46.80	cps
Yttrium	89-1	11438510	11386572	11298248	11374443	0.62	cps
Yttrium	89-2	2646287	2659606	2658807	2654900	0.28	cps
Zinc	66-2	340	347	460	382	17.64	cps
Zirconium	90-1	957	1063	1217	1079	12.11	cps
Zirconium	91-1	227	200	253	227	11.77	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-18	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:44:45	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304947	301439	301328	302572	0.68	cps
Antimony	121-1	650	683	790	708	10.33	cps
Arsenic	75-2	313	340	403	352	13.12	cps
Barium	135-1	20695	20588	20535	20606	0.40	cps
Barium	137-1	35768	35224	35805	35599	0.91	cps
Beryllium	9-1	2867	2710	2817	2798	2.86	cps
Bismuth	209-1	8301802	8363573	8357724	8341033	0.41	cps
Bismuth	209-2	6282102	6342082	6381084	6335089	0.79	cps
Bromine	81-1	304939	310838	308390	308056	0.96	cps
Bromine	81-2	51008	51218	51335	51187	0.32	cps
Cadmium	108-1	17	20	27	21	24.12	cps
Cadmium	106-1	3100	3167	3024	3097	2.32	cps
Cadmium	111-1	2175	2220	2115	2170	2.43	cps
Calcium	43-1	433337	436003	434994	434778	0.31	cps
Calcium	44-1	6530007	6519656	6514796	6521486	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1393	1467	1537	1466	4.89	cps
Cobalt	59-2	289201	289137	289806	289381	0.13	cps
Copper	63-2	960	1187	1200	1116	12.09	cps
Dysprosium	156-1	54729	55255	55195	55060	0.52	cps
Dysprosium	156-2	47028	47764	48085	47626	1.14	cps
Erbium	164-1	38964	40355	40178	39832	1.90	cps
Erbium	164-2	26168	26064	26275	26169	0.40	cps
Gadolinium	160-1	46571	46497	47494	46854	1.19	cps
Gadolinium	160-2	32090	31953	32083	32042	0.24	cps
Holmium	165-1	14158700	14189544	14133765	14160670	0.20	cps
Holmium	165-2	9138097	9207238	9202377	9182571	0.42	cps
Indium	115-1	10009819	10161498	10159743	10110354	0.86	cps
Indium	115-2	3245048	3240086	3216098	3233744	0.48	cps
Iron	56-2	535835485	540421512	537746805	538001268	0.43	cps
Iron	57-2	13191963	13291097	13180953	13221337	0.46	cps
Iron	54-2	29176571	28939083	28904956	29006870	0.51	cps
Krypton	83-1	123	120	140	128	8.38	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-18	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:44:45	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1533	1503	1463	1500	2.34	cps
Lead	207-1	1400	1360	1320	1360	2.94	cps
Lead	208-1	6191	6331	6107	6210	1.82	cps
Lithium	6-1	1946648	1959066	1981351	1962355	0.90	cps
Magnesium	24-2	1961764	1999031	1989232	1983342	0.97	cps
Manganese	55-2	10745882	10798551	10738995	10761143	0.30	cps
Molybdenum	94-1	2557	2364	2300	2407	5.56	cps
Molybdenum	95-1	720	910	770	800	12.31	cps
Molybdenum	96-1	8166	8229	8309	8235	0.87	cps
Molybdenum	97-1	380	387	363	377	3.19	cps
Molybdenum	98-1	610	677	717	668	8.07	cps
Neodymium	150-1	72418	73376	73671	73155	0.90	cps
Neodymium	150-2	40562	40251	39900	40237	0.82	cps
Nickel	60-2	134836	133878	134113	134275	0.37	cps
Phosphorus	31-2	203	180	240	208	14.56	cps
Potassium	39-2	5761518	5800457	5779267	5780414	0.34	cps
Rhodium	103-1	8708899	8772324	8794957	8758727	0.51	cps
Rhodium	103-2	4759766	4727833	4747887	4745162	0.34	cps
Scandium	45-1	5190449	5148898	5182587	5173978	0.43	cps
Scandium	45-2	434574	434381	436089	435015	0.22	cps
Selenium	82-1	491	555	522	523	6.11	cps
Selenium	77-2	43	40	50	44	11.46	cps
Selenium	78-2	250	170	233	218	19.38	cps
Silicon	28-1	8035956	7990667	8115362	8047328	0.78	cps
Silver	107-1	197	210	170	192	10.60	cps
Silver	109-1	163	133	153	150	10.18	cps
Sodium	23-2	144212181	145809784	144973028	144998331	0.55	cps
Strontium	86-1	409254	415060	414350	412888	0.77	cps
Strontium	88-1	3584818	3590236	3644201	3606418	0.91	cps
Sulfur	34-1	12599849	12873358	12845193	12772800	1.18	cps
Terbium	159-1	14601427	14616017	14734556	14650667	0.50	cps
Terbium	159-2	9004341	9090283	9197970	9097531	1.07	cps
Thallium	203-1	187	143	140	157	16.62	cps
Thallium	205-1	437	410	360	402	9.68	cps
Tin	118-1	1853	1970	2087	1970	5.92	cps
Titanium	47-1	540	630	600	590	7.77	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-18	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:44:45	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	223	207	233	221	6.09	cps
Vanadium	51-2	3270	3537	3440	3416	3.95	cps
Yttrium	89-1	11818330	11677644	11879708	11791894	0.88	cps
Yttrium	89-2	2766890	2747898	2779964	2764917	0.58	cps
Zinc	66-2	86425	86569	87457	86817	0.64	cps
Zirconium	90-1	4988	4731	4397	4705	6.29	cps
Zirconium	91-1	1120	1053	1050	1074	3.68	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-09	Instrumnet Name :	P7
Client Sample ID :	PMW-5(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:47:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27480	27477	27835	27597	0.75	cps
Antimony	121-1	563	543	640	582	8.76	cps
Arsenic	75-2	3157	3037	3164	3119	2.29	cps
Barium	135-1	56512	56100	57977	56863	1.74	cps
Barium	137-1	98669	98344	98820	98611	0.25	cps
Beryllium	9-1	113	130	147	130	12.82	cps
Bismuth	209-1	9338740	9282360	9290248	9303782	0.33	cps
Bismuth	209-2	7064259	6957993	6999200	7007151	0.76	cps
Bromine	81-1	82137	91347	95365	89616	7.57	cps
Bromine	81-2	15245	15014	15258	15172	0.90	cps
Cadmium	108-1	50	37	43	43	15.38	cps
Cadmium	106-1	3264	3014	2954	3077	5.34	cps
Cadmium	111-1	2470	2317	2327	2371	3.59	cps
Calcium	43-1	260266	265345	264320	263310	1.02	cps
Calcium	44-1	3949263	3956753	3980791	3962269	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41784	41544	41574	41634	0.32	cps
Cobalt	59-2	6265	6645	6575	6495	3.12	cps
Copper	63-2	9787	9697	9710	9731	0.50	cps
Dysprosium	156-1	3180	3087	3220	3163	2.16	cps
Dysprosium	156-2	2474	2374	2280	2376	4.07	cps
Erbium	164-1	2227	2427	2214	2289	5.22	cps
Erbium	164-2	1543	1580	1400	1508	6.31	cps
Gadolinium	160-1	3020	2987	3027	3011	0.71	cps
Gadolinium	160-2	2317	2427	2410	2385	2.49	cps
Holmium	165-1	14660266	14658074	14526825	14615055	0.52	cps
Holmium	165-2	9675654	9483595	9424232	9527827	1.38	cps
Indium	115-1	11013948	10944422	10871675	10943349	0.65	cps
Indium	115-2	3512749	3479804	3472291	3488281	0.62	cps
Iron	56-2	132213551	130037331	131267725	131172869	0.83	cps
Iron	57-2	3227362	3182725	3250225	3220104	1.07	cps
Iron	54-2	7148771	7057234	7107529	7104511	0.65	cps
Krypton	83-1	93	100	120	104	13.29	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-09	Instrumnet Name :	P7
Client Sample ID :	PMW-5(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:47:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2837	3054	2747	2879	5.48	cps
Lead	207-1	2377	2427	2344	2382	1.76	cps
Lead	208-1	10905	11152	10452	10836	3.28	cps
Lithium	6-1	2038853	2032917	2018689	2030153	0.51	cps
Magnesium	24-2	1090902	1098793	1100789	1096828	0.48	cps
Manganese	55-2	620897	618178	618934	619337	0.23	cps
Molybdenum	94-1	4237	4114	4034	4128	2.48	cps
Molybdenum	95-1	4077	4137	3781	3998	4.78	cps
Molybdenum	96-1	6535	6488	6465	6496	0.55	cps
Molybdenum	97-1	2617	2557	2447	2540	3.39	cps
Molybdenum	98-1	6538	6298	6508	6448	2.03	cps
Neodymium	150-1	5751	5815	5685	5750	1.13	cps
Neodymium	150-2	3024	3077	3080	3060	1.04	cps
Nickel	60-2	14911	15158	14927	14999	0.92	cps
Phosphorus	31-2	173	217	237	209	15.50	cps
Potassium	39-2	1117170	1114054	1111687	1114304	0.25	cps
Rhodium	103-1	9545761	9589746	9504372	9546626	0.45	cps
Rhodium	103-2	5232796	5240797	5234744	5236112	0.08	cps
Scandium	45-1	5440683	5408283	5397072	5415346	0.42	cps
Scandium	45-2	462473	459427	458813	460238	0.43	cps
Selenium	82-1	380	394	353	375	5.54	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	157	130	163	150	11.76	cps
Silicon	28-1	8171089	8472393	8403119	8348867	1.89	cps
Silver	107-1	143	83	127	118	26.30	cps
Silver	109-1	53	67	83	68	22.18	cps
Sodium	23-2	4561778	4536980	4637651	4578803	1.15	cps
Strontium	86-1	182405	182600	182930	182645	0.15	cps
Strontium	88-1	1596761	1607355	1617677	1607264	0.65	cps
Sulfur	34-1	425351	432570	432585	430169	0.97	cps
Terbium	159-1	15164117	15061951	15191044	15139037	0.45	cps
Terbium	159-2	9481784	9339886	9450708	9424126	0.79	cps
Thallium	203-1	167	97	127	130	27.01	cps
Thallium	205-1	310	310	223	281	17.80	cps
Tin	118-1	10837	11234	11408	11160	2.62	cps
Titanium	47-1	5256	4564	6152	5324	14.96	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-09	Instrumnet Name :	P7
Client Sample ID :	PMW-5(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:47:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1577	1533	1537	1549	1.56	cps
Vanadium	51-2	2237	2257	2107	2200	3.70	cps
Yttrium	89-1	11325635	11372878	11310637	11336383	0.29	cps
Yttrium	89-2	2679071	2705187	2693873	2692710	0.49	cps
Zinc	66-2	95657	94778	95939	95458	0.63	cps
Zirconium	90-1	5028	4941	5194	5054	2.55	cps
Zirconium	91-1	1173	1053	1190	1139	6.55	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-10	Instrumnet Name :	P7
Client Sample ID :	MW-1(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:51:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4431	5135	4811	4792	7.35	cps
Antimony	121-1	323	400	447	390	15.97	cps
Arsenic	75-2	53	17	33	34	53.29	cps
Barium	135-1	164910	165156	164603	164890	0.17	cps
Barium	137-1	284044	285769	287375	285730	0.58	cps
Beryllium	9-1	83	100	67	83	20.00	cps
Bismuth	209-1	9409355	8944415	9202379	9185383	2.54	cps
Bismuth	209-2	6867211	6871748	6836180	6858379	0.28	cps
Bromine	81-1	54307	61581	66566	60818	10.14	cps
Bromine	81-2	10540	10227	10811	10526	2.78	cps
Cadmium	108-1	7	10	7	8	24.71	cps
Cadmium	106-1	3290	3057	3044	3130	4.43	cps
Cadmium	111-1	2325	2146	2169	2214	4.40	cps
Calcium	43-1	1198373	1210153	1208525	1205684	0.53	cps
Calcium	44-1	19315669	19503946	19355284	19391633	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1740	1713	1663	1706	2.28	cps
Cobalt	59-2	7809	7639	7775	7741	1.16	cps
Copper	63-2	1410	1353	1387	1383	2.06	cps
Dysprosium	156-1	170	183	163	172	5.91	cps
Dysprosium	156-2	93	130	120	114	16.56	cps
Erbium	164-1	260	200	220	227	13.48	cps
Erbium	164-2	120	137	103	120	13.89	cps
Gadolinium	160-1	213	177	187	192	9.86	cps
Gadolinium	160-2	577	620	527	574	8.13	cps
Holmium	165-1	14998749	14251193	14489557	14579833	2.62	cps
Holmium	165-2	9460528	9395180	9282079	9379263	0.96	cps
Indium	115-1	11183876	10720924	10987736	10964179	2.12	cps
Indium	115-2	3476086	3438478	3388775	3434446	1.28	cps
Iron	56-2	15205363	15065195	15129720	15133426	0.46	cps
Iron	57-2	419105	411797	417638	416180	0.93	cps
Iron	54-2	873223	875667	872548	873813	0.19	cps
Krypton	83-1	127	100	103	110	13.21	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-10	Instrumnet Name :	P7
Client Sample ID :	MW-1(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:51:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2064	1663	1863	1863	10.73	cps
Lead	207-1	1497	1373	1537	1469	5.80	cps
Lead	208-1	7288	6747	7001	7012	3.85	cps
Lithium	6-1	2080948	2004493	2032156	2039199	1.90	cps
Magnesium	24-2	2301479	2252641	2293281	2282467	1.15	cps
Manganese	55-2	894568	893414	889437	892473	0.30	cps
Molybdenum	94-1	1207	1090	1110	1136	5.49	cps
Molybdenum	95-1	1140	1083	1097	1107	2.68	cps
Molybdenum	96-1	1393	1423	1573	1463	6.59	cps
Molybdenum	97-1	647	653	710	670	5.19	cps
Molybdenum	98-1	1703	1917	1753	1791	6.23	cps
Neodymium	150-1	313	253	210	259	20.04	cps
Neodymium	150-2	110	113	113	112	1.72	cps
Nickel	60-2	2230	2087	2177	2165	3.35	cps
Phosphorus	31-2	130	157	163	150	11.76	cps
Potassium	39-2	582098	581742	582447	582096	0.06	cps
Rhodium	103-1	9838815	9348748	9503547	9563703	2.62	cps
Rhodium	103-2	5134492	5076856	5030748	5080699	1.02	cps
Scandium	45-1	5627266	5366255	5431560	5475027	2.48	cps
Scandium	45-2	453709	448720	447979	450136	0.69	cps
Selenium	82-1	361	400	372	378	5.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	120	110	120	8.33	cps
Silicon	28-1	23769674	23740573	23704577	23738275	0.14	cps
Silver	107-1	153	117	87	119	28.08	cps
Silver	109-1	70	73	77	73	4.55	cps
Sodium	23-2	2748727	2724661	2752598	2741996	0.55	cps
Strontium	86-1	1007985	1015626	1023918	1015843	0.78	cps
Strontium	88-1	8852167	8876743	8904053	8877654	0.29	cps
Sulfur	34-1	1113809	1129247	1121067	1121374	0.69	cps
Terbium	159-1	15450917	14703799	15233892	15129536	2.54	cps
Terbium	159-2	9311589	9285433	9208297	9268440	0.58	cps
Thallium	203-1	113	120	107	113	5.88	cps
Thallium	205-1	293	280	340	304	10.35	cps
Tin	118-1	2627	2800	2817	2748	3.83	cps
Titanium	47-1	1147	987	797	977	17.94	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-10	Instrumnet Name :	P7
Client Sample ID :	MW-1(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:51:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2727	2677	2637	2680	1.68	cps
Vanadium	51-2	310	360	410	360	13.89	cps
Yttrium	89-1	11562569	11152459	11300546	11338525	1.83	cps
Yttrium	89-2	2634208	2614042	2600430	2616226	0.65	cps
Zinc	66-2	5318	4978	5084	5126	3.39	cps
Zirconium	90-1	1210	1103	1183	1166	4.76	cps
Zirconium	91-1	247	277	280	268	6.86	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-11	Instrumnet Name :	P7
Client Sample ID :	PMW-3(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:54:24	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32184	32638	32668	32497	0.84	cps
Antimony	121-1	187	177	130	164	18.39	cps
Arsenic	75-2	313	343	290	316	8.47	cps
Barium	135-1	31816	31455	31866	31712	0.71	cps
Barium	137-1	55344	56117	55896	55785	0.71	cps
Beryllium	9-1	287	260	283	277	5.25	cps
Bismuth	209-1	8721539	8650862	8666970	8679790	0.43	cps
Bismuth	209-2	6571222	6591701	6543334	6568753	0.37	cps
Bromine	81-1	329647	398399	431561	386536	13.45	cps
Bromine	81-2	78406	78426	80601	79145	1.59	cps
Cadmium	108-1	13	10	17	13	25.01	cps
Cadmium	106-1	2977	3037	2927	2980	1.85	cps
Cadmium	111-1	2078	2132	2067	2092	1.67	cps
Calcium	43-1	1555791	1551786	1522752	1543443	1.17	cps
Calcium	44-1	24704306	24731353	24508679	24648112	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2470	2717	2447	2545	5.88	cps
Cobalt	59-2	16866	16906	17267	17013	1.30	cps
Copper	63-2	897	823	890	870	4.66	cps
Dysprosium	156-1	22625	22054	21894	22191	1.73	cps
Dysprosium	156-2	17748	17408	17181	17445	1.64	cps
Erbium	164-1	17057	16500	17207	16921	2.20	cps
Erbium	164-2	10674	11088	10701	10821	2.14	cps
Gadolinium	160-1	19734	19430	20121	19762	1.75	cps
Gadolinium	160-2	13767	13156	13567	13497	2.31	cps
Holmium	165-1	14036544	14156736	14138188	14110490	0.46	cps
Holmium	165-2	9110208	9150411	8945274	9068631	1.20	cps
Indium	115-1	10309110	10301598	10206365	10272358	0.56	cps
Indium	115-2	3208852	3241407	3241737	3230665	0.58	cps
Iron	56-2	277724023	276617676	276245023	276862240	0.28	cps
Iron	57-2	6828997	6813111	6719175	6787094	0.87	cps
Iron	54-2	15081849	15036605	14982066	15033507	0.33	cps
Krypton	83-1	103	93	100	99	5.15	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-11	Instrumnet Name :	P7
Client Sample ID :	PMW-3(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:54:24	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1410	1447	1343	1400	3.74	cps
Lead	207-1	1163	1220	1240	1208	3.29	cps
Lead	208-1	5364	5527	5300	5397	2.17	cps
Lithium	6-1	1969576	1948909	1945234	1954573	0.67	cps
Magnesium	24-2	2054284	2132961	2120013	2102419	2.01	cps
Manganese	55-2	3003745	2987247	2967575	2986189	0.61	cps
Molybdenum	94-1	2334	2380	2294	2336	1.86	cps
Molybdenum	95-1	340	290	277	302	11.05	cps
Molybdenum	96-1	4637	4577	4577	4597	0.75	cps
Molybdenum	97-1	193	207	190	197	4.48	cps
Molybdenum	98-1	307	243	370	307	20.65	cps
Neodymium	150-1	34248	35000	34776	34675	1.11	cps
Neodymium	150-2	18062	18149	18249	18153	0.52	cps
Nickel	60-2	9907	9910	10174	9997	1.53	cps
Phosphorus	31-2	123	143	140	136	7.91	cps
Potassium	39-2	2857409	2861405	2852442	2857085	0.16	cps
Rhodium	103-1	8952985	8920071	8894368	8922474	0.33	cps
Rhodium	103-2	4813769	4784469	4751554	4783264	0.65	cps
Scandium	45-1	5177458	5135641	5094299	5135799	0.81	cps
Scandium	45-2	427169	427222	424168	426186	0.41	cps
Selenium	82-1	528	497	517	514	3.05	cps
Selenium	77-2	57	50	40	49	17.16	cps
Selenium	78-2	160	203	183	182	11.90	cps
Silicon	28-1	9364957	9244395	9266993	9292115	0.69	cps
Silver	107-1	80	70	63	71	11.80	cps
Silver	109-1	57	40	50	49	17.16	cps
Sodium	23-2	38189863	37968944	37892964	38017257	0.41	cps
Strontium	86-1	882551	887137	888856	886181	0.37	cps
Strontium	88-1	7788750	7728981	7681339	7733023	0.70	cps
Sulfur	34-1	4380064	4367291	4283723	4343693	1.20	cps
Terbium	159-1	14569431	14725956	14470833	14588740	0.88	cps
Terbium	159-2	9019231	8978279	8930097	8975869	0.50	cps
Thallium	203-1	1450	1443	1420	1438	1.10	cps
Thallium	205-1	3527	3527	3440	3498	1.43	cps
Tin	118-1	1533	1457	1543	1511	3.14	cps
Titanium	47-1	360	310	343	338	7.54	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-11	Instrumnet Name :	P7
Client Sample ID :	PMW-3(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:54:24	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	523	557	543	541	3.10	cps
Vanadium	51-2	4301	4257	4291	4283	0.53	cps
Yttrium	89-1	11106405	11064428	10925845	11032226	0.86	cps
Yttrium	89-2	2544400	2565723	2523778	2544633	0.82	cps
Zinc	66-2	6308	6231	6008	6182	2.52	cps
Zirconium	90-1	5218	5328	5248	5264	1.08	cps
Zirconium	91-1	1177	1307	1267	1250	5.33	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-12	Instrumnet Name :	P7
Client Sample ID :	PMW-4(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:57:32	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100966	101234	99782	100660	0.77	cps
Antimony	121-1	427	353	490	423	16.16	cps
Arsenic	75-2	667	823	723	738	10.75	cps
Barium	135-1	41427	40748	41634	41270	1.12	cps
Barium	137-1	69897	71847	71194	70979	1.40	cps
Beryllium	9-1	133	67	113	104	32.75	cps
Bismuth	209-1	9016840	8895278	8876089	8929402	0.85	cps
Bismuth	209-2	6847980	6909938	6771351	6843090	1.01	cps
Bromine	81-1	128305	134781	135922	133003	3.09	cps
Bromine	81-2	21626	21663	21566	21618	0.23	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	3257	3090	3094	3147	3.03	cps
Cadmium	111-1	2321	2196	2199	2238	3.18	cps
Calcium	43-1	436792	436672	438431	437298	0.22	cps
Calcium	44-1	6461210	6498171	6600532	6519971	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8262	8006	7829	8032	2.71	cps
Cobalt	59-2	10724	10771	10717	10737	0.27	cps
Copper	63-2	2677	2674	2700	2684	0.54	cps
Dysprosium	156-1	39857	39830	39736	39807	0.16	cps
Dysprosium	156-2	28232	28415	28041	28230	0.66	cps
Erbium	164-1	35806	36190	35375	35790	1.14	cps
Erbium	164-2	23463	22959	23326	23249	1.12	cps
Gadolinium	160-1	44477	42782	43247	43502	2.01	cps
Gadolinium	160-2	29802	29762	29565	29709	0.43	cps
Holmium	165-1	14387551	14389686	14153000	14310079	0.95	cps
Holmium	165-2	9388813	9376289	9290963	9352022	0.57	cps
Indium	115-1	10704779	10502675	10580766	10596074	0.96	cps
Indium	115-2	3393197	3446442	3329594	3389744	1.73	cps
Iron	56-2	140733988	140066061	140236338	140345462	0.25	cps
Iron	57-2	3465085	3451392	3424450	3446976	0.60	cps
Iron	54-2	7638295	7662971	7617529	7639598	0.30	cps
Krypton	83-1	130	130	140	133	4.33	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-12	Instrumnet Name :	P7
Client Sample ID :	PMW-4(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:57:32	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1430	1453	1410	1431	1.52	cps
Lead	207-1	1237	1143	1170	1183	4.06	cps
Lead	208-1	5647	5531	5377	5518	2.45	cps
Lithium	6-1	1993404	1970755	1961208	1975122	0.84	cps
Magnesium	24-2	1304137	1323076	1308376	1311863	0.76	cps
Manganese	55-2	624784	618727	618086	620532	0.60	cps
Molybdenum	94-1	1537	1407	1470	1471	4.42	cps
Molybdenum	95-1	343	330	340	338	2.05	cps
Molybdenum	96-1	2514	2744	2617	2625	4.39	cps
Molybdenum	97-1	237	257	343	279	20.33	cps
Molybdenum	98-1	590	563	597	583	3.02	cps
Neodymium	150-1	72589	74060	73216	73288	1.01	cps
Neodymium	150-2	38750	39358	39224	39111	0.82	cps
Nickel	60-2	5691	5728	5608	5676	1.08	cps
Phosphorus	31-2	273	257	240	257	6.49	cps
Potassium	39-2	1963813	1984639	1966661	1971705	0.57	cps
Rhodium	103-1	9302008	9136611	9155402	9198007	0.98	cps
Rhodium	103-2	5000658	5066487	5031836	5032994	0.65	cps
Scandium	45-1	5228203	5246407	5188277	5220962	0.57	cps
Scandium	45-2	443156	443985	440661	442601	0.39	cps
Selenium	82-1	406	405	445	419	5.52	cps
Selenium	77-2	97	90	113	100	12.02	cps
Selenium	78-2	197	183	190	190	3.51	cps
Silicon	28-1	4058941	4002973	4014545	4025486	0.73	cps
Silver	107-1	187	97	147	143	31.46	cps
Silver	109-1	90	153	133	126	25.79	cps
Sodium	23-2	21846022	22036998	21881014	21921345	0.46	cps
Strontium	86-1	105303	106860	104655	105606	1.07	cps
Strontium	88-1	925836	933091	929802	929577	0.39	cps
Sulfur	34-1	962366	966449	971139	966651	0.45	cps
Terbium	159-1	14916054	14774907	14625687	14772216	0.98	cps
Terbium	159-2	9249700	9346946	9209198	9268615	0.76	cps
Thallium	203-1	90	107	103	100	8.82	cps
Thallium	205-1	217	240	237	231	5.46	cps
Tin	118-1	1790	1977	1803	1857	5.61	cps
Titanium	47-1	293	350	327	323	8.81	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-12	Instrumnet Name :	P7
Client Sample ID :	PMW-4(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 10:57:32	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1010	957	930	966	4.22	cps
Vanadium	51-2	3617	3727	3827	3724	2.82	cps
Yttrium	89-1	11570246	11391658	11286462	11416122	1.26	cps
Yttrium	89-2	2700671	2719027	2699285	2706328	0.41	cps
Zinc	66-2	4984	4928	4707	4873	3.00	cps
Zirconium	90-1	2964	3217	3240	3140	4.89	cps
Zirconium	91-1	677	653	670	667	1.80	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:00:45	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412920	410868	408485	410757	0.54	cps
Antimony	121-1	170	177	163	170	3.92	cps
Arsenic	75-2	787	723	750	753	4.22	cps
Barium	135-1	25493	25984	25750	25742	0.95	cps
Barium	137-1	44075	44737	45389	44733	1.47	cps
Beryllium	9-1	3007	2990	3074	3024	1.46	cps
Bismuth	209-1	9109495	9051930	8531671	8897699	3.58	cps
Bismuth	209-2	6949168	6927566	6855931	6910888	0.71	cps
Bromine	81-1	89725	103539	108874	100713	9.81	cps
Bromine	81-2	17754	18422	17914	18030	1.93	cps
Cadmium	108-1	23	20	23	22	8.65	cps
Cadmium	106-1	3784	3827	3560	3724	3.84	cps
Cadmium	111-1	2646	2678	2509	2611	3.43	cps
Calcium	43-1	460667	465136	465562	463788	0.58	cps
Calcium	44-1	6933428	6963814	7066183	6987808	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7399	7459	7315	7391	0.97	cps
Cobalt	59-2	48602	48605	48454	48554	0.18	cps
Copper	63-2	887	1053	1027	989	9.05	cps
Dysprosium	156-1	198009	199469	198401	198626	0.38	cps
Dysprosium	156-2	148778	149634	148701	149038	0.35	cps
Erbium	164-1	173203	173060	175936	174066	0.93	cps
Erbium	164-2	111823	112841	113976	112880	0.95	cps
Gadolinium	160-1	188450	189908	190808	189722	0.63	cps
Gadolinium	160-2	127985	128570	126640	127732	0.78	cps
Holmium	165-1	14714272	14758669	13882286	14451743	3.42	cps
Holmium	165-2	9580072	9644791	9600546	9608470	0.34	cps
Indium	115-1	10967584	10894205	10289317	10717035	3.47	cps
Indium	115-2	3493060	3489210	3484372	3488880	0.12	cps
Iron	56-2	549119192	548042459	550000992	549054214	0.18	cps
Iron	57-2	13502676	13490853	13493107	13495545	0.05	cps
Iron	54-2	29615831	29542047	29403444	29520441	0.37	cps
Krypton	83-1	307	280	317	301	6.29	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:00:45	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1330	1463	1367	1387	4.97	cps
Lead	207-1	1107	1260	1233	1200	6.83	cps
Lead	208-1	5270	5537	5517	5442	2.73	cps
Lithium	6-1	2018475	2009614	1904039	1977376	3.22	cps
Magnesium	24-2	3942444	3926582	3920713	3929913	0.29	cps
Manganese	55-2	6540596	6512180	6516978	6523251	0.23	cps
Molybdenum	94-1	7182	7342	7315	7280	1.18	cps
Molybdenum	95-1	427	430	460	439	4.18	cps
Molybdenum	96-1	9456	9507	9350	9438	0.85	cps
Molybdenum	97-1	240	240	227	236	3.27	cps
Molybdenum	98-1	243	283	227	251	11.60	cps
Neodymium	150-1	313754	319957	321005	318239	1.23	cps
Neodymium	150-2	171013	172578	170594	171395	0.61	cps
Nickel	60-2	3530	3454	3230	3405	4.58	cps
Phosphorus	31-2	97	133	163	131	25.47	cps
Potassium	39-2	820727	820538	816573	819280	0.29	cps
Rhodium	103-1	9539585	9616116	8905684	9353795	4.17	cps
Rhodium	103-2	5214216	5137193	5184653	5178687	0.75	cps
Scandium	45-1	5498267	5506381	5205220	5403289	3.18	cps
Scandium	45-2	462704	460222	456651	459859	0.66	cps
Selenium	82-1	521	529	486	512	4.45	cps
Selenium	77-2	297	333	290	307	7.61	cps
Selenium	78-2	390	457	427	424	7.87	cps
Silicon	28-1	13209745	13286511	13212759	13236338	0.33	cps
Silver	107-1	100	97	93	97	3.45	cps
Silver	109-1	50	43	40	44	11.46	cps
Sodium	23-2	3729129	3710289	3744844	3728087	0.46	cps
Strontium	86-1	306420	309002	311643	309022	0.85	cps
Strontium	88-1	2747728	2741287	2769167	2752727	0.53	cps
Sulfur	34-1	4601837	4567158	4617524	4595506	0.56	cps
Terbium	159-1	15123766	15344752	14177424	14881980	4.17	cps
Terbium	159-2	9493144	9500298	9456078	9483173	0.25	cps
Thallium	203-1	40	70	53	54	27.61	cps
Thallium	205-1	157	143	140	147	6.01	cps
Tin	118-1	9163	9173	9150	9162	0.13	cps
Titanium	47-1	863	973	923	920	5.99	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:00:45	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	317	410	377	368	12.86	cps
Vanadium	51-2	22463	23024	23288	22925	1.84	cps
Yttrium	89-1	13869888	13810826	13074856	13585190	3.26	cps
Yttrium	89-2	3249347	3223949	3280321	3251206	0.87	cps
Zinc	66-2	3300	3520	3317	3379	3.63	cps
Zirconium	90-1	18642	18288	18268	18399	1.14	cps
Zirconium	91-1	4201	4064	4337	4201	3.25	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-14	Instrumnet Name :	P7
Client Sample ID :	PMW-7S(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:03:54	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1037	880	913	943	8.75	cps
Antimony	121-1	350	297	380	342	12.33	cps
Arsenic	75-2	2480	2727	2620	2609	4.74	cps
Barium	135-1	25720	25209	26187	25705	1.90	cps
Barium	137-1	45201	45238	44657	45032	0.72	cps
Beryllium	9-1	30	50	53	44	28.39	cps
Bismuth	209-1	8880730	9003375	8841291	8908466	0.95	cps
Bismuth	209-2	6756678	6734826	6737906	6743136	0.18	cps
Bromine	81-1	139288	169018	185292	164533	14.18	cps
Bromine	81-2	32880	32940	33485	33102	1.01	cps
Cadmium	108-1	7	3	7	6	34.70	cps
Cadmium	106-1	2840	2824	2744	2803	1.84	cps
Cadmium	111-1	2004	1988	1923	1971	2.18	cps
Calcium	43-1	1913689	1959562	1936611	1936621	1.18	cps
Calcium	44-1	31036376	30916482	31115277	31022711	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4404	4331	4257	4331	1.69	cps
Cobalt	59-2	1910	1997	1863	1923	3.52	cps
Copper	63-2	987	873	923	928	6.12	cps
Dysprosium	156-1	357	353	363	358	1.42	cps
Dysprosium	156-2	277	257	230	254	9.20	cps
Erbium	164-1	403	423	427	418	3.02	cps
Erbium	164-2	250	260	237	249	4.70	cps
Gadolinium	160-1	383	400	377	387	3.11	cps
Gadolinium	160-2	723	697	653	691	5.11	cps
Holmium	165-1	14352475	14517046	14512547	14460690	0.65	cps
Holmium	165-2	9407667	9339021	9403873	9383520	0.41	cps
Indium	115-1	10609833	10675533	10587798	10624388	0.43	cps
Indium	115-2	3374911	3337358	3373231	3361833	0.63	cps
Iron	56-2	65671617	65878789	65228349	65592918	0.51	cps
Iron	57-2	1691582	1658111	1635107	1661600	1.71	cps
Iron	54-2	3590390	3594299	3526662	3570450	1.06	cps
Krypton	83-1	120	137	117	124	8.61	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-14	Instrumnet Name :	P7
Client Sample ID :	PMW-7S(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:03:54	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1170	1180	1230	1193	2.69	cps
Lead	207-1	1090	1170	1157	1139	3.76	cps
Lead	208-1	4880	4847	5014	4914	1.80	cps
Lithium	6-1	1977397	1984843	1991958	1984733	0.37	cps
Magnesium	24-2	2848507	2776701	2796650	2807286	1.32	cps
Manganese	55-2	1605971	1599758	1579446	1595058	0.87	cps
Molybdenum	94-1	2217	2057	2060	2111	4.33	cps
Molybdenum	95-1	2694	2674	2630	2666	1.21	cps
Molybdenum	96-1	3777	3901	3851	3843	1.61	cps
Molybdenum	97-1	1590	1640	1663	1631	2.30	cps
Molybdenum	98-1	4081	4317	4134	4177	2.97	cps
Neodymium	150-1	597	560	647	601	7.24	cps
Neodymium	150-2	337	367	297	333	10.54	cps
Nickel	60-2	1803	1727	1650	1727	4.44	cps
Phosphorus	31-2	143	140	193	159	18.80	cps
Potassium	39-2	1425218	1384193	1418323	1409244	1.56	cps
Rhodium	103-1	9187264	9130839	9147559	9155221	0.32	cps
Rhodium	103-2	4946357	4921987	4941725	4936689	0.26	cps
Scandium	45-1	5248958	5295694	5232547	5259066	0.62	cps
Scandium	45-2	437142	433995	437425	436188	0.44	cps
Selenium	82-1	369	365	420	385	8.07	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	123	113	120	119	4.29	cps
Silicon	28-1	18908776	18821264	18666186	18798742	0.65	cps
Silver	107-1	50	83	50	61	31.49	cps
Silver	109-1	13	33	37	28	45.44	cps
Sodium	23-2	18551031	18139603	18272924	18321186	1.15	cps
Strontium	86-1	821753	824883	823108	823248	0.19	cps
Strontium	88-1	7262954	7149019	7149857	7187277	0.91	cps
Sulfur	34-1	1686028	1656808	1632068	1658301	1.63	cps
Terbium	159-1	14988609	14955054	14899455	14947706	0.30	cps
Terbium	159-2	9195679	9265135	9181145	9213986	0.49	cps
Thallium	203-1	37	33	37	36	5.42	cps
Thallium	205-1	187	130	87	134	37.30	cps
Tin	118-1	2544	2550	2587	2560	0.91	cps
Titanium	47-1	403	453	480	446	8.74	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-14	Instrumnet Name :	P7
Client Sample ID :	PMW-7S(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:03:54	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1660	1777	1727	1721	3.40	cps
Vanadium	51-2	1040	933	1033	1002	5.96	cps
Yttrium	89-1	11099771	11034221	11111084	11081692	0.37	cps
Yttrium	89-2	2569309	2574102	2565054	2569489	0.18	cps
Zinc	66-2	1290	1363	1340	1331	2.81	cps
Zirconium	90-1	1797	2077	1923	1932	7.26	cps
Zirconium	91-1	310	467	400	392	20.05	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:07:02	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1230	1133	1243	1202	4.99	cps
Antimony	121-1	340	283	247	290	16.22	cps
Arsenic	75-2	2704	2644	2680	2676	1.13	cps
Barium	135-1	51245	50964	49904	50704	1.40	cps
Barium	137-1	87829	89009	88074	88304	0.71	cps
Beryllium	9-1	80	100	63	81	22.64	cps
Bismuth	209-1	9183961	9018526	9039942	9080810	0.99	cps
Bismuth	209-2	6784712	6812704	6727167	6774861	0.64	cps
Bromine	81-1	150141	181531	198792	176821	13.95	cps
Bromine	81-2	35753	35382	36395	35843	1.43	cps
Cadmium	108-1	7	7	7	7	0.00	cps
Cadmium	106-1	3140	2934	2797	2957	5.85	cps
Cadmium	111-1	2207	2056	1957	2073	6.08	cps
Calcium	43-1	1778482	1779212	1794571	1784088	0.51	cps
Calcium	44-1	28693529	28890116	28935715	28839786	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3034	2780	2787	2867	5.04	cps
Cobalt	59-2	1933	2003	1877	1938	3.27	cps
Copper	63-2	920	1027	923	957	6.34	cps
Dysprosium	156-1	133	127	130	130	2.57	cps
Dysprosium	156-2	67	63	93	74	22.09	cps
Erbium	164-1	207	227	240	224	7.47	cps
Erbium	164-2	137	247	157	180	32.55	cps
Gadolinium	160-1	140	153	187	160	15.02	cps
Gadolinium	160-2	513	443	473	477	7.37	cps
Holmium	165-1	14815726	14390811	14571871	14592803	1.46	cps
Holmium	165-2	9551268	9298779	9040056	9296701	2.75	cps
Indium	115-1	10867634	10680893	10652568	10733699	1.09	cps
Indium	115-2	3351752	3318541	3235274	3301856	1.82	cps
Iron	56-2	64240321	63436436	63901591	63859449	0.63	cps
Iron	57-2	1608595	1610632	1611411	1610212	0.09	cps
Iron	54-2	3494274	3431672	3450537	3458828	0.93	cps
Krypton	83-1	113	90	97	100	12.02	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:07:02	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1293	1293	1213	1267	3.65	cps
Lead	207-1	1197	1173	1077	1149	5.54	cps
Lead	208-1	4957	5287	4960	5068	3.74	cps
Lithium	6-1	1962537	1991690	1973015	1975747	0.75	cps
Magnesium	24-2	2869080	2873986	2888365	2877144	0.35	cps
Manganese	55-2	1657271	1622827	1650668	1643589	1.11	cps
Molybdenum	94-1	760	793	703	752	6.05	cps
Molybdenum	95-1	693	757	680	710	5.77	cps
Molybdenum	96-1	1650	1700	1723	1691	2.22	cps
Molybdenum	97-1	453	390	340	394	14.40	cps
Molybdenum	98-1	1040	960	967	989	4.49	cps
Neodymium	150-1	147	100	120	122	19.16	cps
Neodymium	150-2	87	50	80	72	27.04	cps
Nickel	60-2	1177	1210	1190	1192	1.41	cps
Phosphorus	31-2	500	630	583	571	11.53	cps
Potassium	39-2	1350093	1354546	1355637	1353425	0.22	cps
Rhodium	103-1	9325869	9238372	9163104	9242448	0.88	cps
Rhodium	103-2	4960270	4933794	4750660	4881575	2.34	cps
Scandium	45-1	5281414	5236037	5254816	5257422	0.43	cps
Scandium	45-2	441727	433396	424052	433058	2.04	cps
Selenium	82-1	409	430	435	425	3.29	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	120	137	110	122	11.02	cps
Silicon	28-1	23410044	23243089	23345651	23332928	0.36	cps
Silver	107-1	77	37	40	51	43.42	cps
Silver	109-1	40	40	30	37	15.75	cps
Sodium	23-2	17576368	17582302	17788150	17648940	0.68	cps
Strontium	86-1	821148	822558	820383	821363	0.13	cps
Strontium	88-1	7202866	7200467	7159352	7187562	0.34	cps
Sulfur	34-1	1598696	1598221	1572896	1589937	0.93	cps
Terbium	159-1	15123521	15123541	15012474	15086512	0.43	cps
Terbium	159-2	9212184	9134128	8977997	9108103	1.31	cps
Thallium	203-1	40	53	33	42	24.12	cps
Thallium	205-1	93	130	110	111	16.52	cps
Tin	118-1	2054	2080	2047	2060	0.86	cps
Titanium	47-1	643	617	557	606	7.33	cps

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LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:07:02	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	43	53	48	10.66	cps
Vanadium	51-2	477	463	510	483	4.97	cps
Yttrium	89-1	11222150	11038557	11055723	11105477	0.91	cps
Yttrium	89-2	2556349	2551882	2478018	2528750	1.74	cps
Zinc	66-2	1117	1237	1303	1219	7.76	cps
Zirconium	90-1	963	1087	980	1010	6.63	cps
Zirconium	91-1	267	230	267	254	8.32	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-17	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:10:08	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100	1207	1083	1130	5.92	cps
Antimony	121-1	257	327	360	314	16.77	cps
Arsenic	75-2	2824	2677	2800	2767	2.85	cps
Barium	135-1	50723	50452	50710	50628	0.30	cps
Barium	137-1	88546	88838	88761	88715	0.17	cps
Beryllium	9-1	77	47	40	54	35.88	cps
Bismuth	209-1	9039671	9142649	8955424	9045915	1.04	cps
Bismuth	209-2	7218725	6786585	6778239	6927850	3.64	cps
Bromine	81-1	156863	187713	206154	183577	13.57	cps
Bromine	81-2	35937	36104	36605	36215	0.96	cps
Cadmium	108-1	7	7	10	8	24.71	cps
Cadmium	106-1	3300	2964	2937	3067	6.60	cps
Cadmium	111-1	2319	2073	2056	2149	6.85	cps
Calcium	43-1	1806344	1802893	1811178	1806805	0.23	cps
Calcium	44-1	28863630	29080316	28934553	28959500	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2237	2407	2287	2310	3.78	cps
Cobalt	59-2	2017	1833	1933	1928	4.76	cps
Copper	63-2	943	927	820	897	7.46	cps
Dysprosium	156-1	120	93	140	118	19.88	cps
Dysprosium	156-2	53	97	77	76	28.71	cps
Erbium	164-1	237	247	210	231	8.20	cps
Erbium	164-2	167	177	150	164	8.19	cps
Gadolinium	160-1	163	180	150	164	9.14	cps
Gadolinium	160-2	607	490	543	547	10.68	cps
Holmium	165-1	14609864	14384978	14702662	14565835	1.12	cps
Holmium	165-2	9908452	9471051	9381893	9587132	2.94	cps
Indium	115-1	10669329	10693891	10766910	10710044	0.47	cps
Indium	115-2	3574609	3369649	3325452	3423237	3.88	cps
Iron	56-2	63712817	64053706	63404599	63723707	0.51	cps
Iron	57-2	1625372	1616729	1607799	1616633	0.54	cps
Iron	54-2	3447038	3487033	3447768	3460613	0.66	cps
Krypton	83-1	73	113	90	92	21.79	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-17	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:10:08	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1283	1400	1267	1317	5.52	cps
Lead	207-1	1140	1060	1137	1112	4.07	cps
Lead	208-1	5144	5077	5064	5095	0.84	cps
Lithium	6-1	1975501	1960148	1974065	1969905	0.43	cps
Magnesium	24-2	2821830	2872828	2877382	2857347	1.08	cps
Manganese	55-2	1672507	1647007	1644405	1654640	0.94	cps
Molybdenum	94-1	803	737	703	748	6.81	cps
Molybdenum	95-1	680	667	690	679	1.72	cps
Molybdenum	96-1	1647	1687	1677	1670	1.25	cps
Molybdenum	97-1	380	450	383	404	9.76	cps
Molybdenum	98-1	973	1077	1043	1031	5.11	cps
Neodymium	150-1	150	130	107	129	16.83	cps
Neodymium	150-2	63	50	50	54	14.14	cps
Nickel	60-2	1280	1193	1207	1227	3.80	cps
Phosphorus	31-2	643	543	583	590	8.53	cps
Potassium	39-2	1358346	1360235	1353552	1357378	0.25	cps
Rhodium	103-1	9321150	9199545	9286007	9268901	0.68	cps
Rhodium	103-2	5303432	5091085	5046609	5147042	2.67	cps
Scandium	45-1	5289402	5208625	5231272	5243100	0.79	cps
Scandium	45-2	466968	441901	442158	450342	3.20	cps
Selenium	82-1	446	431	426	435	2.44	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	143	200	123	156	25.56	cps
Silicon	28-1	23594253	23467200	23344575	23468676	0.53	cps
Silver	107-1	40	73	87	67	36.06	cps
Silver	109-1	20	27	27	24	15.75	cps
Sodium	23-2	17523621	17637785	17590471	17583959	0.33	cps
Strontium	86-1	823102	824231	822868	823400	0.09	cps
Strontium	88-1	7216152	7235896	7223063	7225037	0.14	cps
Sulfur	34-1	1605078	1602704	1599132	1602305	0.19	cps
Terbium	159-1	15082344	15007461	14886387	14992064	0.66	cps
Terbium	159-2	9726392	9365442	9179230	9423688	2.95	cps
Thallium	203-1	40	53	37	43	20.34	cps
Thallium	205-1	90	93	110	98	10.96	cps
Tin	118-1	2080	2297	2164	2180	5.01	cps
Titanium	47-1	610	543	563	572	5.98	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-17	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)D	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:10:08	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	43	60	52	16.07	cps
Vanadium	51-2	497	337	430	421	19.09	cps
Yttrium	89-1	11189302	11084789	11089338	11121143	0.53	cps
Yttrium	89-2	2733584	2615525	2575928	2641679	3.10	cps
Zinc	66-2	1180	1193	1097	1157	4.53	cps
Zirconium	90-1	930	1033	980	981	5.27	cps
Zirconium	91-1	267	253	200	240	14.70	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15LX5	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 11:13:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340	307	337	328	5.60	cps
Antimony	121-1	87	100	107	98	10.41	cps
Arsenic	75-2	577	590	567	578	2.03	cps
Barium	135-1	10144	10584	10214	10314	2.29	cps
Barium	137-1	17698	18369	17995	18020	1.87	cps
Beryllium	9-1	53	67	27	49	41.66	cps
Bismuth	209-1	9427565	9232265	9404714	9354848	1.14	cps
Bismuth	209-2	7004903	6982239	6959533	6982225	0.32	cps
Bromine	81-1	64208	66994	66335	65846	2.21	cps
Bromine	81-2	9773	9900	9543	9739	1.86	cps
Cadmium	108-1	3	0	7	3	100.05	cps
Cadmium	106-1	3267	3107	3017	3130	4.05	cps
Cadmium	111-1	2291	2178	2111	2193	4.16	cps
Calcium	43-1	398977	397916	398243	398379	0.14	cps
Calcium	44-1	6012130	5942743	5907451	5954108	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	780	707	723	737	5.22	cps
Cobalt	59-2	387	447	437	423	7.59	cps
Copper	63-2	703	700	630	678	6.11	cps
Dysprosium	156-1	43	57	33	44	26.35	cps
Dysprosium	156-2	30	20	23	24	20.83	cps
Erbium	164-1	133	100	97	110	18.43	cps
Erbium	164-2	70	77	100	82	19.16	cps
Gadolinium	160-1	47	47	57	50	11.55	cps
Gadolinium	160-2	460	473	557	497	10.55	cps
Holmium	165-1	15065069	14756839	14778591	14866833	1.16	cps
Holmium	165-2	9554947	9429150	9244849	9409649	1.66	cps
Indium	115-1	11248762	11138174	11098887	11161941	0.70	cps
Indium	115-2	3485231	3451706	3369736	3435558	1.73	cps
Iron	56-2	13093104	13116320	13109910	13106445	0.09	cps
Iron	57-2	349701	351216	351519	350812	0.28	cps
Iron	54-2	761589	759023	756243	758952	0.35	cps
Krypton	83-1	130	100	107	112	14.04	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15LX5	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 11:13:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	910	757	790	819	9.85	cps
Lead	207-1	797	683	703	728	8.31	cps
Lead	208-1	3544	3180	3314	3346	5.49	cps
Lithium	6-1	2036721	2044081	2024646	2035149	0.48	cps
Magnesium	24-2	603994	602957	606653	604535	0.32	cps
Manganese	55-2	346955	344885	344858	345566	0.35	cps
Molybdenum	94-1	330	320	333	328	2.12	cps
Molybdenum	95-1	157	197	197	183	12.60	cps
Molybdenum	96-1	450	440	427	439	2.67	cps
Molybdenum	97-1	107	83	107	99	13.63	cps
Molybdenum	98-1	267	317	270	284	9.83	cps
Neodymium	150-1	50	20	10	27	78.06	cps
Neodymium	150-2	17	7	27	17	59.99	cps
Nickel	60-2	253	263	253	257	2.25	cps
Phosphorus	31-2	200	183	207	197	6.11	cps
Potassium	39-2	322350	323990	322269	322870	0.30	cps
Rhodium	103-1	9891116	9866413	9739475	9832335	0.83	cps
Rhodium	103-2	5209514	5220269	5194303	5208028	0.25	cps
Scandium	45-1	5554449	5461438	5421302	5479063	1.25	cps
Scandium	45-2	455466	448206	455278	452983	0.91	cps
Selenium	82-1	306	357	325	329	7.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	157	130	147	144	9.33	cps
Silicon	28-1	4935200	4926254	4895657	4919037	0.42	cps
Silver	107-1	57	53	27	46	36.09	cps
Silver	109-1	17	37	20	24	43.83	cps
Sodium	23-2	3617786	3569484	3540326	3575865	1.09	cps
Strontium	86-1	169115	168097	167757	168323	0.42	cps
Strontium	88-1	1480727	1471294	1482398	1478139	0.41	cps
Sulfur	34-1	435134	437023	434932	435696	0.26	cps
Terbium	159-1	15443350	15220091	15088728	15250723	1.18	cps
Terbium	159-2	9390715	9206400	9310463	9302526	0.99	cps
Thallium	203-1	57	40	40	46	21.13	cps
Thallium	205-1	73	103	83	87	17.63	cps
Tin	118-1	817	797	777	797	2.51	cps
Titanium	47-1	170	177	153	167	7.21	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-15LX5	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)L	Dilution Factor :	5
Date & Time Acquired :	2024-10-06 11:13:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	20	17	17	20.01	cps
Vanadium	51-2	97	87	63	82	20.81	cps
Yttrium	89-1	11569399	11402450	11451324	11474391	0.75	cps
Yttrium	89-2	2616455	2627328	2614450	2619411	0.26	cps
Zinc	66-2	473	483	473	477	1.21	cps
Zirconium	90-1	590	597	617	601	2.31	cps
Zirconium	91-1	177	127	100	134	28.95	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-16	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:16:30	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233076	235759	233731	234189	0.60	cps
Antimony	121-1	658173	664757	661036	661322	0.50	cps
Arsenic	75-2	13813	13820	13830	13821	0.06	cps
Barium	135-1	3655004	3541525	3564537	3587022	1.67	cps
Barium	137-1	6211897	6109822	6180648	6167455	0.85	cps
Beryllium	9-1	50766	51328	51127	51073	0.56	cps
Bismuth	209-1	8869804	8952698	8947661	8923388	0.52	cps
Bismuth	209-2	6756387	6883819	6647894	6762700	1.75	cps
Bromine	81-1	140443	170845	189380	166890	14.80	cps
Bromine	81-2	33251	32870	33926	33349	1.60	cps
Cadmium	108-1	5234	5361	5431	5342	1.87	cps
Cadmium	106-1	10507	10074	10240	10274	2.13	cps
Cadmium	111-1	82906	81874	81750	82177	0.77	cps
Calcium	43-1	1794535	1823880	1786640	1801685	1.09	cps
Calcium	44-1	29255174	29000717	29046486	29100792	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	425717	425061	423924	424901	0.21	cps
Cobalt	59-2	1584556	1592874	1613870	1597100	0.95	cps
Copper	63-2	534539	528190	528829	530519	0.66	cps
Dysprosium	156-1	163	157	187	169	9.33	cps
Dysprosium	156-2	210	237	217	221	6.28	cps
Erbium	164-1	227	207	243	226	8.14	cps
Erbium	164-2	140	167	147	151	9.18	cps
Gadolinium	160-1	130	137	187	151	20.50	cps
Gadolinium	160-2	503	453	497	484	5.60	cps
Holmium	165-1	14575779	14519467	14354039	14483095	0.80	cps
Holmium	165-2	9454562	9372800	9293575	9373645	0.86	cps
Indium	115-1	10610398	10478530	10420313	10503081	0.93	cps
Indium	115-2	3350051	3400578	3367653	3372760	0.76	cps
Iron	56-2	65343294	65691052	65396221	65476856	0.29	cps
Iron	57-2	1639871	1670230	1664704	1658268	0.98	cps
Iron	54-2	3548752	3558016	3535060	3547276	0.33	cps
Krypton	83-1	93	77	107	92	16.30	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-16	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:16:30	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	98817	100877	100236	99976	1.05	cps
Lead	207-1	87754	88337	87630	87907	0.43	cps
Lead	208-1	393607	400557	396606	396923	0.88	cps
Lithium	6-1	1995107	1939523	1945877	1960169	1.55	cps
Magnesium	24-2	2845006	2872490	2812539	2843345	1.06	cps
Manganese	55-2	2468922	2454049	2412849	2445273	1.19	cps
Molybdenum	94-1	903	797	740	813	10.20	cps
Molybdenum	95-1	820	703	713	746	8.67	cps
Molybdenum	96-1	1630	1690	1747	1689	3.45	cps
Molybdenum	97-1	367	420	383	390	7.00	cps
Molybdenum	98-1	1030	1097	1107	1078	3.87	cps
Neodymium	150-1	290	293	327	303	6.68	cps
Neodymium	150-2	90	57	77	74	22.53	cps
Nickel	60-2	398715	397633	397475	397941	0.17	cps
Phosphorus	31-2	557	547	567	557	1.80	cps
Potassium	39-2	1366766	1361292	1350981	1359680	0.59	cps
Rhodium	103-1	9165438	9158788	9213388	9179205	0.32	cps
Rhodium	103-2	4995342	4990114	4969042	4984833	0.28	cps
Scandium	45-1	5300543	5255236	5260043	5271941	0.47	cps
Scandium	45-2	442369	451110	440134	444538	1.30	cps
Selenium	82-1	9751	10030	9958	9913	1.47	cps
Selenium	77-2	810	903	757	823	9.02	cps
Selenium	78-2	2920	2734	3100	2918	6.28	cps
Silicon	28-1	23518741	23787165	23639463	23648457	0.57	cps
Silver	107-1	378650	377802	373907	376786	0.67	cps
Silver	109-1	358519	364672	361430	361540	0.85	cps
Sodium	23-2	17569811	17498199	17681777	17583262	0.53	cps
Strontium	86-1	826477	826133	827843	826818	0.11	cps
Strontium	88-1	7225496	7260472	7205399	7230456	0.39	cps
Sulfur	34-1	1639444	1611170	1621958	1624191	0.88	cps
Terbium	159-1	15146391	14880472	14703217	14910027	1.50	cps
Terbium	159-2	9145225	9226849	9159233	9177102	0.48	cps
Thallium	203-1	308000	308971	308342	308437	0.16	cps
Thallium	205-1	721886	725830	730644	726120	0.60	cps
Tin	118-1	2560	2374	2234	2389	6.86	cps
Titanium	47-1	1519	750	680	983	47.36	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-16	Instrumnet Name :	P7
Client Sample ID :	PMW-7D(20240927)S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:16:30	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	30	37	38	22.21	cps
Vanadium	51-2	947781	942813	942416	944337	0.32	cps
Yttrium	89-1	11168679	10991526	10949515	11036573	1.05	cps
Yttrium	89-2	2600951	2603690	2566913	2590518	0.79	cps
Zinc	66-2	195163	192625	193179	193656	0.69	cps
Zirconium	90-1	1207	987	1083	1092	10.10	cps
Zirconium	91-1	263	250	293	269	8.26	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:19:35	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1643	1620	1650	1638	0.96	cps
Antimony	121-1	353	410	427	397	9.69	cps
Arsenic	75-2	13	17	13	14	13.35	cps
Barium	135-1	176644	177751	177734	177376	0.36	cps
Barium	137-1	310968	307651	308330	308983	0.57	cps
Beryllium	9-1	67	43	40	50	29.06	cps
Bismuth	209-1	9217114	9166395	9070848	9151453	0.81	cps
Bismuth	209-2	6947274	6933747	6853287	6911436	0.74	cps
Bromine	81-1	116722	139276	151659	135886	13.04	cps
Bromine	81-2	26784	26788	27492	27021	1.51	cps
Cadmium	108-1	17	10	13	13	25.01	cps
Cadmium	106-1	2937	3020	2844	2934	3.01	cps
Cadmium	111-1	2098	2127	2008	2078	2.99	cps
Calcium	43-1	1325956	1317996	1323391	1322447	0.31	cps
Calcium	44-1	21211677	21136861	21150083	21166207	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1627	1597	1560	1595	2.09	cps
Cobalt	59-2	797	690	720	736	7.48	cps
Copper	63-2	1133	1097	1197	1142	4.43	cps
Dysprosium	156-1	47	47	80	58	33.30	cps
Dysprosium	156-2	53	50	50	51	3.76	cps
Erbium	164-1	153	170	160	161	5.20	cps
Erbium	164-2	63	80	93	79	19.05	cps
Gadolinium	160-1	87	103	133	108	21.94	cps
Gadolinium	160-2	420	513	467	467	10.00	cps
Holmium	165-1	14732439	14668635	14625801	14675625	0.37	cps
Holmium	165-2	9471928	9463598	9259147	9398224	1.28	cps
Indium	115-1	11103357	11066258	10890989	11020201	1.03	cps
Indium	115-2	3447062	3459106	3407558	3437909	0.78	cps
Iron	56-2	6343001	6389141	6273154	6335099	0.92	cps
Iron	57-2	188968	188435	186967	188124	0.55	cps
Iron	54-2	366628	368614	366945	367396	0.29	cps
Krypton	83-1	103	97	133	111	17.58	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:19:35	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1433	1340	1403	1392	3.42	cps
Lead	207-1	1147	1173	1337	1219	8.44	cps
Lead	208-1	5520	5494	5624	5546	1.24	cps
Lithium	6-1	2039324	2013471	2009282	2020692	0.81	cps
Magnesium	24-2	1127803	1131098	1124224	1127709	0.30	cps
Manganese	55-2	220369	218428	218344	219047	0.52	cps
Molybdenum	94-1	437	397	413	416	4.84	cps
Molybdenum	95-1	300	277	240	272	11.11	cps
Molybdenum	96-1	363	410	427	400	8.21	cps
Molybdenum	97-1	157	140	187	161	14.68	cps
Molybdenum	98-1	407	353	400	387	7.52	cps
Neodymium	150-1	103	117	110	110	6.06	cps
Neodymium	150-2	67	70	57	64	10.76	cps
Nickel	60-2	567	537	560	554	2.84	cps
Phosphorus	31-2	303	310	293	302	2.78	cps
Potassium	39-2	802044	808875	802569	804496	0.47	cps
Rhodium	103-1	9706877	9618362	9524865	9616701	0.95	cps
Rhodium	103-2	5171090	5162756	5137966	5157271	0.33	cps
Scandium	45-1	5517284	5470421	5445967	5477890	0.66	cps
Scandium	45-2	453911	456775	449516	453401	0.81	cps
Selenium	82-1	414	458	317	396	18.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	150	113	130	131	14.00	cps
Silicon	28-1	10719181	10769749	10745232	10744721	0.24	cps
Silver	107-1	347	283	267	299	14.12	cps
Silver	109-1	283	187	167	212	29.40	cps
Sodium	23-2	2491658	2479155	2480962	2483925	0.27	cps
Strontium	86-1	4308961	4336220	4348063	4331081	0.46	cps
Strontium	88-1	37569761	37517654	37826331	37637915	0.44	cps
Sulfur	34-1	395743	392680	393966	394129	0.39	cps
Terbium	159-1	15330838	15266358	15006015	15201070	1.13	cps
Terbium	159-2	9387523	9351209	9195153	9311295	1.10	cps
Thallium	203-1	80	63	93	79	19.05	cps
Thallium	205-1	290	207	187	228	24.06	cps
Tin	118-1	2857	2850	2917	2875	1.28	cps
Titanium	47-1	360	337	333	343	4.23	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:19:35	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	867	910	720	832	11.96	cps
Vanadium	51-2	160	137	123	140	13.25	cps
Yttrium	89-1	11378568	11351800	11258487	11329618	0.56	cps
Yttrium	89-2	2667398	2678663	2603560	2649874	1.53	cps
Zinc	66-2	1077	937	1013	1009	6.95	cps
Zirconium	90-1	723	707	717	716	1.17	cps
Zirconium	91-1	180	113	147	147	22.72	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-19	Instrumnet Name :	P7
Client Sample ID :	FB(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:22:46	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	673	710	730	704	4.08	cps
Antimony	121-1	257	307	300	288	9.43	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	220	213	257	230	10.14	cps
Barium	137-1	433	390	383	402	6.75	cps
Beryllium	9-1	53	33	23	37	41.66	cps
Bismuth	209-1	9377846	9520970	9497931	9465582	0.81	cps
Bismuth	209-2	6896951	7096039	7107818	7033603	1.68	cps
Bromine	81-1	35108	30124	27228	30820	12.93	cps
Bromine	81-2	2730	2534	2350	2538	7.49	cps
Cadmium	108-1	17	10	20	16	32.73	cps
Cadmium	106-1	3144	3140	3104	3129	0.71	cps
Cadmium	111-1	2196	2205	2159	2186	1.12	cps
Calcium	43-1	492	406	493	464	10.78	cps
Calcium	44-1	7764	7022	7300	7362	5.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1353	1363	1327	1348	1.41	cps
Cobalt	59-2	90	93	47	77	33.95	cps
Copper	63-2	777	760	810	782	3.25	cps
Dysprosium	156-1	17	30	30	26	30.11	cps
Dysprosium	156-2	10	13	0	8	89.21	cps
Erbium	164-1	103	147	87	112	27.60	cps
Erbium	164-2	40	83	70	64	34.44	cps
Gadolinium	160-1	40	47	80	56	38.57	cps
Gadolinium	160-2	480	513	527	507	4.74	cps
Holmium	165-1	14740064	14761949	14992496	14831503	0.94	cps
Holmium	165-2	9238406	9524733	9557788	9440309	1.86	cps
Indium	115-1	11264593	11085133	11307146	11218957	1.05	cps
Indium	115-2	3413828	3546629	3570033	3510163	2.40	cps
Iron	56-2	24914	25241	24760	24972	0.98	cps
Iron	57-2	1060	1297	1233	1197	10.24	cps
Iron	54-2	1910	2114	2043	2022	5.11	cps
Krypton	83-1	100	80	70	83	18.33	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-19	Instrumnet Name :	P7
Client Sample ID :	FB(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:22:46	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1010	903	870	928	7.88	cps
Lead	207-1	817	937	857	870	7.02	cps
Lead	208-1	3867	3947	3810	3875	1.77	cps
Lithium	6-1	2021957	2016707	2036689	2025117	0.51	cps
Magnesium	24-2	1190	1337	1307	1278	6.06	cps
Manganese	55-2	2720	2707	2757	2728	0.95	cps
Molybdenum	94-1	247	207	193	216	12.88	cps
Molybdenum	95-1	93	87	50	77	30.43	cps
Molybdenum	96-1	140	130	157	142	9.47	cps
Molybdenum	97-1	33	70	33	46	46.48	cps
Molybdenum	98-1	133	113	107	118	11.79	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	13	20	13	16	24.76	cps
Nickel	60-2	363	390	373	376	3.59	cps
Phosphorus	31-2	120	163	137	140	15.61	cps
Potassium	39-2	32772	32268	33303	32781	1.58	cps
Rhodium	103-1	9991316	10094902	10088357	10058192	0.58	cps
Rhodium	103-2	5265728	5390263	5391807	5349266	1.35	cps
Scandium	45-1	5557616	5546685	5537576	5547292	0.18	cps
Scandium	45-2	456132	466978	468423	463844	1.45	cps
Selenium	82-1	311	377	345	344	9.54	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	153	167	140	153	8.70	cps
Silicon	28-1	170425	173695	177807	173976	2.13	cps
Silver	107-1	83	110	100	98	13.78	cps
Silver	109-1	77	40	70	62	31.39	cps
Sodium	23-2	23842	24279	23468	23863	1.70	cps
Strontium	86-1	470	297	400	389	22.42	cps
Strontium	88-1	2630	1967	1760	2119	21.45	cps
Sulfur	34-1	130347	128562	130102	129670	0.75	cps
Terbium	159-1	15390192	15148926	15440853	15326657	1.02	cps
Terbium	159-2	9252817	9417435	9393889	9354714	0.95	cps
Thallium	203-1	47	50	57	51	9.96	cps
Thallium	205-1	133	167	73	124	38.01	cps
Tin	118-1	1917	1870	1943	1910	1.94	cps
Titanium	47-1	207	230	153	197	19.98	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-19	Instrumnet Name :	P7
Client Sample ID :	FB(20240925)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:22:46	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	10	17	10	66.70	cps
Vanadium	51-2	40	33	53	42	24.12	cps
Yttrium	89-1	11599183	11605817	11647371	11617457	0.22	cps
Yttrium	89-2	2634338	2695210	2765618	2698389	2.43	cps
Zinc	66-2	640	550	597	596	7.56	cps
Zirconium	90-1	517	597	647	587	11.18	cps
Zirconium	91-1	70	103	127	100	28.48	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-20	Instrumnet Name :	P7
Client Sample ID :	FB(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:26:05	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580	583	560	574	2.20	cps
Antimony	121-1	83	63	80	76	14.18	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	117	87	83	96	19.21	cps
Barium	137-1	187	237	203	209	12.19	cps
Beryllium	9-1	40	23	53	39	38.65	cps
Bismuth	209-1	9491208	9435848	9330269	9419109	0.87	cps
Bismuth	209-2	7195894	7095997	7073416	7121769	0.92	cps
Bromine	81-1	16426	16099	15889	16138	1.68	cps
Bromine	81-2	1443	1287	1250	1327	7.74	cps
Cadmium	108-1	13	3	13	10	57.75	cps
Cadmium	106-1	3240	3244	3130	3205	2.01	cps
Cadmium	111-1	2259	2272	2185	2239	2.08	cps
Calcium	43-1	300	210	330	280	22.32	cps
Calcium	44-1	4949	5119	5009	5025	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	897	817	820	844	5.36	cps
Cobalt	59-2	80	50	73	68	23.24	cps
Copper	63-2	720	680	677	692	3.48	cps
Dysprosium	156-1	33	23	27	28	18.33	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	133	103	123	120	12.73	cps
Erbium	164-2	63	73	83	73	13.64	cps
Gadolinium	160-1	43	73	73	63	27.35	cps
Gadolinium	160-2	553	467	413	478	14.79	cps
Holmium	165-1	14756116	14802724	14854766	14804535	0.33	cps
Holmium	165-2	9682784	9643590	9515353	9613909	0.91	cps
Indium	115-1	11182954	11240712	11376836	11266834	0.88	cps
Indium	115-2	3588068	3597061	3559780	3581636	0.54	cps
Iron	56-2	17484	17283	17177	17315	0.90	cps
Iron	57-2	960	960	1057	992	5.63	cps
Iron	54-2	1640	1650	1657	1649	0.51	cps
Krypton	83-1	97	90	120	102	15.41	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-20	Instrumnet Name :	P7
Client Sample ID :	FB(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:26:05	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	753	800	780	778	3.01	cps
Lead	207-1	687	713	800	733	8.08	cps
Lead	208-1	3127	3084	3290	3167	3.44	cps
Lithium	6-1	2053102	2108815	2073545	2078487	1.36	cps
Magnesium	24-2	940	930	927	932	0.74	cps
Manganese	55-2	1110	1223	1190	1175	4.96	cps
Molybdenum	94-1	233	247	210	230	8.07	cps
Molybdenum	95-1	47	53	63	54	15.40	cps
Molybdenum	96-1	143	120	100	121	17.91	cps
Molybdenum	97-1	30	27	40	32	21.53	cps
Molybdenum	98-1	110	67	107	94	25.53	cps
Neodymium	150-1	23	20	30	24	20.83	cps
Neodymium	150-2	20	17	10	16	32.73	cps
Nickel	60-2	170	250	180	200	21.80	cps
Phosphorus	31-2	130	127	130	129	1.49	cps
Potassium	39-2	33577	33433	33073	33361	0.78	cps
Rhodium	103-1	10110990	10152326	10083374	10115564	0.34	cps
Rhodium	103-2	5528377	5475163	5452530	5485356	0.71	cps
Scandium	45-1	5662469	5661754	5607548	5643924	0.56	cps
Scandium	45-2	480226	473965	472609	475600	0.85	cps
Selenium	82-1	300	324	344	322	6.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	133	133	183	150	19.24	cps
Silicon	28-1	167277	173549	175625	172150	2.52	cps
Silver	107-1	87	80	97	88	9.56	cps
Silver	109-1	40	23	33	32	26.04	cps
Sodium	23-2	20374	20213	19900	20162	1.20	cps
Strontium	86-1	217	217	280	238	15.38	cps
Strontium	88-1	693	657	683	678	2.80	cps
Sulfur	34-1	132377	133124	134542	133348	0.82	cps
Terbium	159-1	15361501	15387094	15232954	15327183	0.54	cps
Terbium	159-2	9602501	9508316	9433001	9514606	0.89	cps
Thallium	203-1	47	23	50	40	36.33	cps
Thallium	205-1	90	73	87	83	10.59	cps
Tin	118-1	1860	2074	2094	2009	6.44	cps
Titanium	47-1	140	170	103	138	24.24	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-20	Instrumnet Name :	P7
Client Sample ID :	FB(20240926)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:26:05	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	0	7	7	4	86.60	cps
Vanadium	51-2	23	17	13	18	28.64	cps
Yttrium	89-1	11645986	11683073	11604676	11644578	0.34	cps
Yttrium	89-2	2757141	2725597	2742942	2741893	0.58	cps
Zinc	66-2	430	400	403	411	4.00	cps
Zirconium	90-1	550	633	573	586	7.34	cps
Zirconium	91-1	143	147	137	142	3.58	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-21	Instrumnet Name :	P7
Client Sample ID :	FB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:29:22	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	947	853	747	849	11.79	cps
Antimony	121-1	67	53	63	61	11.36	cps
Arsenic	75-2	10	0	7	6	91.64	cps
Barium	135-1	107	133	153	131	17.86	cps
Barium	137-1	227	187	210	208	9.67	cps
Beryllium	9-1	40	50	40	43	13.32	cps
Bismuth	209-1	9474892	9504507	9411998	9463799	0.50	cps
Bismuth	209-2	7271817	7132210	7183470	7195832	0.98	cps
Bromine	81-1	13913	13333	13780	13675	2.22	cps
Bromine	81-2	907	890	953	917	3.58	cps
Cadmium	108-1	10	3	0	4	114.60	cps
Cadmium	106-1	3487	3170	3460	3373	5.21	cps
Cadmium	111-1	2437	2227	2426	2363	5.00	cps
Calcium	43-1	263	246	290	266	8.20	cps
Calcium	44-1	4722	4589	4695	4669	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500	463	527	497	6.40	cps
Cobalt	59-2	80	63	80	74	12.93	cps
Copper	63-2	877	857	827	853	2.95	cps
Dysprosium	156-1	30	7	33	23	62.26	cps
Dysprosium	156-2	23	10	20	18	39.03	cps
Erbium	164-1	113	80	97	97	17.24	cps
Erbium	164-2	60	60	67	62	6.19	cps
Gadolinium	160-1	57	47	50	51	9.96	cps
Gadolinium	160-2	467	433	560	487	13.49	cps
Holmium	165-1	14976369	14878557	14872971	14909299	0.39	cps
Holmium	165-2	9646049	9503515	9774286	9641284	1.40	cps
Indium	115-1	11399788	11409618	11502131	11437179	0.49	cps
Indium	115-2	3624820	3603426	3597040	3608429	0.40	cps
Iron	56-2	18041	19182	18765	18663	3.09	cps
Iron	57-2	1003	1127	1097	1076	5.98	cps
Iron	54-2	1773	1693	1680	1716	2.94	cps
Krypton	83-1	153	87	130	123	27.43	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-21	Instrumnet Name :	P7
Client Sample ID :	FB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:29:22	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	827	810	833	823	1.46	cps
Lead	207-1	623	617	673	638	4.86	cps
Lead	208-1	3067	3200	3094	3120	2.26	cps
Lithium	6-1	2086734	2124554	2119261	2110183	0.97	cps
Magnesium	24-2	1063	1027	967	1019	4.79	cps
Manganese	55-2	893	903	910	902	0.93	cps
Molybdenum	94-1	313	233	240	262	16.93	cps
Molybdenum	95-1	70	40	63	58	27.26	cps
Molybdenum	96-1	110	73	167	117	40.31	cps
Molybdenum	97-1	43	37	20	33	36.05	cps
Molybdenum	98-1	130	90	77	99	28.07	cps
Neodymium	150-1	40	40	10	30	57.74	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	147	133	117	132	11.37	cps
Phosphorus	31-2	143	143	123	137	8.45	cps
Potassium	39-2	34609	34496	35201	34769	1.09	cps
Rhodium	103-1	10369481	10323092	10318425	10336999	0.27	cps
Rhodium	103-2	5580538	5513885	5556835	5550419	0.61	cps
Scandium	45-1	5773656	5753448	5809840	5778981	0.49	cps
Scandium	45-2	485322	483177	483119	483873	0.26	cps
Selenium	82-1	339	366	287	331	12.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	147	110	170	142	21.27	cps
Silicon	28-1	170567	175433	177993	174664	2.16	cps
Silver	107-1	87	107	47	80	38.19	cps
Silver	109-1	30	37	43	37	18.18	cps
Sodium	23-2	19175	19129	18908	19071	0.75	cps
Strontium	86-1	197	230	240	222	10.21	cps
Strontium	88-1	597	610	650	619	4.48	cps
Sulfur	34-1	137146	136265	140139	137850	1.47	cps
Terbium	159-1	15604494	15525894	15413870	15514753	0.62	cps
Terbium	159-2	9595216	9564440	9601525	9587060	0.21	cps
Thallium	203-1	43	30	27	33	26.45	cps
Thallium	205-1	83	120	93	99	19.17	cps
Tin	118-1	833	857	853	848	1.49	cps
Titanium	47-1	180	110	133	141	25.26	cps

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On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-21	Instrumnet Name :	P7
Client Sample ID :	FB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:29:22	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	13	17	12	41.65	cps
Vanadium	51-2	20	23	17	20	16.65	cps
Yttrium	89-1	11890858	11902367	11817858	11870361	0.39	cps
Yttrium	89-2	2833337	2796787	2769677	2799934	1.14	cps
Zinc	66-2	370	390	420	393	6.40	cps
Zirconium	90-1	653	610	560	608	7.69	cps
Zirconium	91-1	117	140	83	113	25.13	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-22	Instrumnet Name :	P7
Client Sample ID :	EB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:32:41	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2147	2290	2057	2165	5.44	cps
Antimony	121-1	100	83	140	108	27.02	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	513	453	487	484	6.21	cps
Barium	137-1	763	800	723	762	5.03	cps
Beryllium	9-1	57	43	33	44	26.35	cps
Bismuth	209-1	9151640	9336305	9386982	9291642	1.33	cps
Bismuth	209-2	7154770	7102553	7111981	7123101	0.39	cps
Bromine	81-1	12379	12462	12445	12429	0.36	cps
Bromine	81-2	653	807	663	708	12.12	cps
Cadmium	108-1	20	7	3	10	88.20	cps
Cadmium	106-1	3364	3324	3264	3317	1.52	cps
Cadmium	111-1	2341	2325	2289	2318	1.14	cps
Calcium	43-1	636	560	553	583	7.94	cps
Calcium	44-1	9545	10066	9629	9747	2.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6968	6795	6952	6905	1.39	cps
Cobalt	59-2	223	190	197	203	8.68	cps
Copper	63-2	1083	1077	1167	1109	4.52	cps
Dysprosium	156-1	27	47	33	36	28.64	cps
Dysprosium	156-2	20	20	33	24	31.49	cps
Erbium	164-1	90	67	127	94	32.02	cps
Erbium	164-2	83	87	50	73	27.65	cps
Gadolinium	160-1	47	63	70	60	20.03	cps
Gadolinium	160-2	467	430	503	467	7.86	cps
Holmium	165-1	14758689	14853222	14675212	14762375	0.60	cps
Holmium	165-2	9531061	9542137	9587069	9553422	0.31	cps
Indium	115-1	11434361	11354542	11339553	11376152	0.45	cps
Indium	115-2	3601260	3602636	3564621	3589506	0.60	cps
Iron	56-2	58921	58255	57717	58298	1.04	cps
Iron	57-2	2040	2027	2114	2060	2.27	cps
Iron	54-2	3964	4071	4171	4068	2.54	cps
Krypton	83-1	93	83	97	91	7.62	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-22	Instrumnet Name :	P7
Client Sample ID :	EB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:32:41	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1113	1083	1093	1097	1.39	cps
Lead	207-1	933	927	867	909	4.04	cps
Lead	208-1	4000	4244	4154	4133	2.98	cps
Lithium	6-1	2062906	2129118	2115329	2102451	1.66	cps
Magnesium	24-2	1643	1633	1603	1627	1.28	cps
Manganese	55-2	5801	5751	5875	5809	1.07	cps
Molybdenum	94-1	360	400	453	404	11.58	cps
Molybdenum	95-1	220	283	290	264	14.61	cps
Molybdenum	96-1	327	350	307	328	6.62	cps
Molybdenum	97-1	163	133	143	147	10.41	cps
Molybdenum	98-1	337	423	373	378	11.52	cps
Neodymium	150-1	30	27	23	27	12.51	cps
Neodymium	150-2	13	20	20	18	21.66	cps
Nickel	60-2	1667	1677	1573	1639	3.48	cps
Phosphorus	31-2	107	200	153	153	30.43	cps
Potassium	39-2	37603	37336	36978	37306	0.84	cps
Rhodium	103-1	10241859	10346620	10256737	10281738	0.55	cps
Rhodium	103-2	5562730	5580836	5479760	5541109	0.97	cps
Scandium	45-1	5688408	5757708	5804711	5750276	1.02	cps
Scandium	45-2	485618	485287	484739	485215	0.09	cps
Selenium	82-1	363	383	355	367	3.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	157	143	143	9.30	cps
Silicon	28-1	188867	194806	200883	194852	3.08	cps
Silver	107-1	70	73	70	71	2.70	cps
Silver	109-1	30	53	20	34	49.66	cps
Sodium	23-2	21846	22089	22413	22116	1.29	cps
Strontium	86-1	300	373	370	348	11.91	cps
Strontium	88-1	1357	1293	1213	1288	5.58	cps
Sulfur	34-1	139833	142756	146262	142950	2.25	cps
Terbium	159-1	15265644	15287013	15203361	15252006	0.28	cps
Terbium	159-2	9481521	9538415	9493444	9504460	0.32	cps
Thallium	203-1	37	33	27	32	15.80	cps
Thallium	205-1	90	80	93	88	7.90	cps
Tin	118-1	2724	2754	2640	2706	2.17	cps
Titanium	47-1	217	243	310	257	18.73	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-22	Instrumnet Name :	P7
Client Sample ID :	EB(20240927)	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:32:41	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	13	13	16	24.76	cps
Vanadium	51-2	50	87	53	63	32.02	cps
Yttrium	89-1	11773271	11924098	11899384	11865584	0.68	cps
Yttrium	89-2	2783811	2823425	2746430	2784555	1.38	cps
Zinc	66-2	790	870	800	820	5.32	cps
Zirconium	90-1	650	863	803	772	14.25	cps
Zirconium	91-1	207	140	180	176	19.11	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-04	Instrumnet Name :	P7
Client Sample ID :	YE0S7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:50:05	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3295937	3272147	3284852	3284312	0.36	cps
Antimony	121-1	162000	160848	162136	161662	0.44	cps
Arsenic	75-2	12969	12806	12712	12829	1.01	cps
Barium	135-1	1702814	1704149	1696085	1701016	0.25	cps
Barium	137-1	2887953	2973150	2963385	2941496	1.59	cps
Beryllium	9-1	13299	13606	13836	13580	1.98	cps
Bismuth	209-1	9609858	9386233	9417243	9471111	1.28	cps
Bismuth	209-2	7144156	7125633	7166654	7145481	0.29	cps
Bromine	81-1	18448	17274	16670	17464	5.18	cps
Bromine	81-2	1180	1193	1157	1177	1.58	cps
Cadmium	108-1	1403	1433	1580	1472	6.42	cps
Cadmium	106-1	4924	4908	4964	4932	0.59	cps
Cadmium	111-1	23026	22896	22827	22916	0.44	cps
Calcium	43-1	447057	448186	451058	448767	0.46	cps
Calcium	44-1	6711491	6694078	6664073	6689881	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210696	210971	208885	210184	0.54	cps
Cobalt	59-2	524251	521986	520014	522083	0.41	cps
Copper	63-2	416655	415887	412369	414970	0.55	cps
Dysprosium	156-1	34943	35575	34763	35094	1.21	cps
Dysprosium	156-2	25653	26114	25623	25797	1.07	cps
Erbium	164-1	38122	39138	38590	38617	1.32	cps
Erbium	164-2	25690	24682	24555	24976	2.49	cps
Gadolinium	160-1	35281	35314	35064	35220	0.39	cps
Gadolinium	160-2	23920	23570	23994	23828	0.95	cps
Holmium	165-1	15655431	15397509	15178304	15410415	1.55	cps
Holmium	165-2	9886129	9786334	9889312	9853925	0.59	cps
Indium	115-1	11866808	11781055	11430044	11692636	1.98	cps
Indium	115-2	3674444	3710894	3688569	3691302	0.50	cps
Iron	56-2	122189055	122018045	121489998	121899033	0.30	cps
Iron	57-2	3031762	3026426	2998732	3018973	0.59	cps
Iron	54-2	6649116	6699881	6646118	6665038	0.45	cps
Krypton	83-1	193	150	173	172	12.59	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-04	Instrumnet Name :	P7
Client Sample ID :	YE0S7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:50:05	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1447840	1459289	1457294	1454808	0.42	cps
Lead	207-1	1234506	1249120	1244722	1242783	0.60	cps
Lead	208-1	6003927	6036466	6081835	6040743	0.65	cps
Lithium	6-1	2158635	2217037	2142157	2172610	1.81	cps
Magnesium	24-2	1956583	1941006	1938234	1945274	0.51	cps
Manganese	55-2	4329412	4349455	4318934	4332600	0.36	cps
Molybdenum	94-1	206116	204250	204010	204792	0.56	cps
Molybdenum	95-1	342379	347864	343562	344602	0.84	cps
Molybdenum	96-1	375326	374224	373157	374236	0.29	cps
Molybdenum	97-1	215269	217142	216850	216420	0.47	cps
Molybdenum	98-1	560903	566177	559032	562038	0.66	cps
Neodymium	150-1	49523	49547	49359	49476	0.21	cps
Neodymium	150-2	26108	25887	26001	25998	0.42	cps
Nickel	60-2	130864	130145	129358	130123	0.58	cps
Phosphorus	31-2	23632	22997	23208	23279	1.39	cps
Potassium	39-2	1227044	1223534	1225463	1225347	0.14	cps
Rhodium	103-1	10769752	10503297	10276036	10516362	2.35	cps
Rhodium	103-2	5561958	5634542	5567485	5587995	0.72	cps
Scandium	45-1	6338392	6228620	6146975	6237996	1.54	cps
Scandium	45-2	508936	509986	506123	508348	0.39	cps
Selenium	82-1	2612	2626	2732	2656	2.47	cps
Selenium	77-2	303	287	277	289	4.66	cps
Selenium	78-2	903	1133	940	992	12.45	cps
Silicon	28-1	31157456	31461026	31141710	31253397	0.58	cps
Silver	107-1	91747	91053	92469	91756	0.77	cps
Silver	109-1	87549	87629	87760	87646	0.12	cps
Sodium	23-2	173822	176862	177493	176059	1.11	cps
Strontium	86-1	4712903	4674421	4673699	4687008	0.48	cps
Strontium	88-1	41469379	41148874	40863126	41160460	0.74	cps
Sulfur	34-1	159455	156482	155953	157297	1.20	cps
Terbium	159-1	16123509	15906729	15455198	15828479	2.15	cps
Terbium	159-2	9855052	9792074	9722505	9789877	0.68	cps
Thallium	203-1	66344	68367	67690	67467	1.53	cps
Thallium	205-1	160592	162481	163438	162170	0.89	cps
Tin	118-1	28535	28772	27780	28362	1.83	cps
Titanium	47-1	387346	385306	383300	385317	0.52	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-04	Instrumnet Name :	P7
Client Sample ID :	YE0S7S	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:50:05	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39101	39281	39425	39269	0.41	cps
Vanadium	51-2	625522	626810	630414	627582	0.40	cps
Yttrium	89-1	13225552	12958215	12908885	13030884	1.31	cps
Yttrium	89-2	2961030	2962188	2985483	2969567	0.46	cps
Zinc	66-2	217307	213642	215806	215585	0.85	cps
Zirconium	90-1	23015	23549	22991	23185	1.36	cps
Zirconium	91-1	5201	5151	5051	5134	1.49	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:58:41	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5717572	5767209	5724258	5736346	0.47	cps
Antimony	121-1	3107212	3101146	3068121	3092160	0.68	cps
Arsenic	75-2	127565	127401	128537	127834	0.48	cps
Barium	135-1	4290482	4254148	4239242	4261291	0.62	cps
Barium	137-1	7302675	7337609	7302436	7314240	0.28	cps
Beryllium	9-1	494504	493399	488852	492252	0.61	cps
Bismuth	209-1	8242697	8149313	8218055	8203355	0.59	cps
Bismuth	209-2	6215358	6054939	6060267	6110188	1.49	cps
Bromine	81-1	8609	8149	7972	8243	3.99	cps
Bromine	81-2	230	127	210	189	29.01	cps
Cadmium	108-1	54974	53629	54197	54266	1.24	cps
Cadmium	106-1	79432	79975	78819	79409	0.73	cps
Cadmium	111-1	732285	722289	718364	724313	0.99	cps
Calcium	43-1	3748254	3644119	3654600	3682324	1.56	cps
Calcium	44-1	59901777	59160891	58625028	59229232	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1000748	1003132	998392	1000757	0.24	cps
Cobalt	59-2	1462301	1468676	1469475	1466817	0.27	cps
Copper	63-2	10216545	10118099	10020508	10118384	0.97	cps
Dysprosium	156-1	210	253	260	241	11.26	cps
Dysprosium	156-2	297	263	240	267	10.68	cps
Erbium	164-1	163	223	163	183	18.89	cps
Erbium	164-2	133	137	163	144	11.38	cps
Gadolinium	160-1	180	167	187	178	5.73	cps
Gadolinium	160-2	547	567	537	550	2.78	cps
Holmium	165-1	14094686	13725931	13754660	13858426	1.48	cps
Holmium	165-2	8948248	8885550	8778912	8870903	0.97	cps
Indium	115-1	10043724	9845316	9652052	9847030	1.99	cps
Indium	115-2	3107397	3108115	3036506	3084006	1.33	cps
Iron	56-2	221624970	218105537	220593023	220107843	0.82	cps
Iron	57-2	5488038	5498128	5484696	5490287	0.13	cps
Iron	54-2	11997169	12013416	12040268	12016951	0.18	cps
Krypton	83-1	103	113	117	111	6.25	cps

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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:58:41	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12612172	12483434	12629114	12574906	0.63	cps
Lead	207-1	11185198	11235800	11214245	11211748	0.23	cps
Lead	208-1	50531843	50534442	50696878	50587721	0.19	cps
Lithium	6-1	1940841	1895832	1938323	1924999	1.31	cps
Magnesium	24-2	45824499	45646623	46049839	45840320	0.44	cps
Manganese	55-2	7962158	7868538	7945257	7925318	0.63	cps
Molybdenum	94-1	10731414	10636049	10474409	10613957	1.22	cps
Molybdenum	95-1	15654367	15547849	15400240	15534152	0.82	cps
Molybdenum	96-1	17193523	16910564	16738204	16947430	1.36	cps
Molybdenum	97-1	9862742	9671739	9626081	9720187	1.29	cps
Molybdenum	98-1	25690960	25105565	25012860	25269795	1.45	cps
Neodymium	150-1	400	453	347	400	13.33	cps
Neodymium	150-2	103	120	123	116	9.27	cps
Nickel	60-2	359547	357407	358744	358566	0.30	cps
Phosphorus	31-2	58759	58371	59107	58745	0.63	cps
Potassium	39-2	29020559	29086497	29155896	29087651	0.23	cps
Rhodium	103-1	8672406	8353209	8315119	8446911	2.32	cps
Rhodium	103-2	4514820	4481993	4470606	4489140	0.51	cps
Scandium	45-1	5275150	5096009	4972125	5114428	2.98	cps
Scandium	45-2	419984	421639	422188	421270	0.27	cps
Selenium	82-1	42298	41822	41409	41843	1.06	cps
Selenium	77-2	3550	3674	3664	3629	1.89	cps
Selenium	78-2	13026	12415	12442	12628	2.73	cps
Silicon	28-1	6277932	6120428	6066033	6154798	1.79	cps
Silver	107-1	3578854	3461947	3533270	3524690	1.67	cps
Silver	109-1	3442103	3360034	3347024	3383053	1.52	cps
Sodium	23-2	77266752	77410374	77777752	77484959	0.34	cps
Strontium	86-1	24149760	23931483	23880924	23987389	0.60	cps
Strontium	88-1	210956764	208722944	208302004	209327237	0.68	cps
Sulfur	34-1	344495	338543	332540	338526	1.77	cps
Terbium	159-1	14375558	14155642	14161238	14230813	0.88	cps
Terbium	159-2	8745200	8679161	8637964	8687442	0.62	cps
Thallium	203-1	3223296	3192541	3174737	3196858	0.77	cps
Thallium	205-1	7602642	7570790	7595286	7589573	0.22	cps
Tin	118-1	2627961	2629422	2620146	2625843	0.19	cps
Titanium	47-1	3631145	3549126	3532507	3570926	1.48	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 11:58:41	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10604024	10609718	10658649	10624130	0.28	cps
Vanadium	51-2	907820	911032	911997	910283	0.24	cps
Yttrium	89-1	10808780	10673213	10431242	10637745	1.80	cps
Yttrium	89-2	2446229	2430759	2436693	2437893	0.32	cps
Zinc	66-2	1712711	1728716	1715066	1718831	0.50	cps
Zirconium	90-1	5112764	5030850	5001279	5048297	1.14	cps
Zirconium	91-1	1153074	1135114	1132727	1140305	0.98	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:01:28	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287	257	303	282	8.38	cps
Antimony	121-1	2130	2407	2630	2389	10.49	cps
Arsenic	75-2	10	7	17	11	45.82	cps
Barium	135-1	230	150	150	177	26.14	cps
Barium	137-1	320	290	327	312	6.25	cps
Beryllium	9-1	117	147	120	128	12.87	cps
Bismuth	209-1	9624364	9564529	9552687	9580527	0.40	cps
Bismuth	209-2	7043426	7196103	7068983	7102837	1.15	cps
Bromine	81-1	8106	8563	8379	8349	2.75	cps
Bromine	81-2	200	203	193	199	2.56	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	3144	3114	3127	3128	0.48	cps
Cadmium	111-1	2266	2207	2222	2232	1.37	cps
Calcium	43-1	324	238	298	287	15.41	cps
Calcium	44-1	4866	4823	4640	4776	2.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	347	340	313	333	5.29	cps
Cobalt	59-2	93	120	130	114	16.56	cps
Copper	63-2	1123	1223	1083	1143	6.31	cps
Dysprosium	156-1	10	10	10	10	0.00	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	113	153	83	117	30.11	cps
Erbium	164-2	63	50	63	59	13.07	cps
Gadolinium	160-1	43	50	50	48	8.06	cps
Gadolinium	160-2	483	483	447	471	4.49	cps
Holmium	165-1	14913556	14894456	14968820	14925611	0.26	cps
Holmium	165-2	9474959	9568349	9315325	9452878	1.35	cps
Indium	115-1	11105280	11193482	11211794	11170185	0.51	cps
Indium	115-2	3475116	3541273	3501910	3506100	0.95	cps
Iron	56-2	14290	14687	15261	14746	3.31	cps
Iron	57-2	913	893	793	867	7.42	cps
Iron	54-2	1420	1377	1400	1399	1.55	cps
Krypton	83-1	103	97	80	93	12.88	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:01:28	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1527	1387	1257	1390	9.71	cps
Lead	207-1	1187	1050	1063	1100	6.85	cps
Lead	208-1	5627	5344	4967	5313	6.23	cps
Lithium	6-1	2112876	2144579	2148039	2135164	0.91	cps
Magnesium	24-2	2010	2020	2040	2023	0.75	cps
Manganese	55-2	563	587	567	572	2.21	cps
Molybdenum	94-1	967	960	1103	1010	8.01	cps
Molybdenum	95-1	1083	907	887	959	11.29	cps
Molybdenum	96-1	1243	1100	1200	1181	6.22	cps
Molybdenum	97-1	587	607	593	596	1.71	cps
Molybdenum	98-1	1740	1447	1453	1547	10.83	cps
Neodymium	150-1	10	10	17	12	31.50	cps
Neodymium	150-2	17	7	0	8	107.84	cps
Nickel	60-2	67	73	90	77	15.68	cps
Phosphorus	31-2	100	160	117	126	24.67	cps
Potassium	39-2	35261	35949	35134	35448	1.24	cps
Rhodium	103-1	9831498	9875975	9969490	9892321	0.71	cps
Rhodium	103-2	5409141	5328995	5321784	5353307	0.91	cps
Scandium	45-1	5543840	5521516	5664389	5576582	1.38	cps
Scandium	45-2	469584	473242	464137	468987	0.98	cps
Selenium	82-1	308	326	340	324	4.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	117	180	147	21.68	cps
Silicon	28-1	135243	133818	133017	134026	0.84	cps
Silver	107-1	543	503	470	506	7.26	cps
Silver	109-1	500	350	343	398	22.27	cps
Sodium	23-2	22336	21555	21268	21720	2.55	cps
Strontium	86-1	877	863	853	864	1.35	cps
Strontium	88-1	6848	5531	5474	5951	13.06	cps
Sulfur	34-1	128945	129382	130824	129717	0.76	cps
Terbium	159-1	15194630	15359435	15347644	15300570	0.60	cps
Terbium	159-2	9442728	9430354	9381984	9418355	0.34	cps
Thallium	203-1	527	457	397	460	14.14	cps
Thallium	205-1	1213	1143	960	1106	11.83	cps
Tin	118-1	1017	1210	1237	1155	10.40	cps
Titanium	47-1	220	237	183	213	12.79	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:01:28	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	397	270	277	314	22.67	cps
Vanadium	51-2	33	33	23	30	19.25	cps
Yttrium	89-1	11446531	11523199	11530274	11500001	0.40	cps
Yttrium	89-2	2750914	2702350	2698291	2717185	1.08	cps
Zinc	66-2	400	310	377	362	12.89	cps
Zirconium	90-1	1110	1013	1170	1098	7.20	cps
Zirconium	91-1	227	220	243	230	5.23	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:30:54	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1377	1113	1173	1221	11.30	cps
Antimony	121-1	190	163	283	212	29.69	cps
Arsenic	75-2	10	7	17	11	45.82	cps
Barium	135-1	92149	91277	90019	91148	1.18	cps
Barium	137-1	157690	158360	157708	157919	0.24	cps
Beryllium	9-1	23	43	30	32	31.61	cps
Bismuth	209-1	9259737	9069079	9227208	9185341	1.11	cps
Bismuth	209-2	7053769	6912602	6874578	6946983	1.36	cps
Bromine	81-1	54993	69044	75917	66651	16.00	cps
Bromine	81-2	12832	13329	13133	13098	1.91	cps
Cadmium	108-1	3	3	3	3	0.00	cps
Cadmium	106-1	2770	2924	2577	2757	6.30	cps
Cadmium	111-1	1950	2068	1805	1941	6.78	cps
Calcium	43-1	786641	776673	764566	775960	1.42	cps
Calcium	44-1	11914166	11725141	11392698	11677335	2.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1023	967	987	992	2.90	cps
Cobalt	59-2	373	400	347	373	7.14	cps
Copper	63-2	870	790	993	884	11.58	cps
Dysprosium	156-1	50	47	57	51	9.96	cps
Dysprosium	156-2	33	43	27	34	24.35	cps
Erbium	164-1	140	133	160	144	9.61	cps
Erbium	164-2	80	60	73	71	14.32	cps
Gadolinium	160-1	93	73	73	80	14.43	cps
Gadolinium	160-2	473	557	530	520	8.18	cps
Holmium	165-1	14815801	14699631	14779048	14764827	0.40	cps
Holmium	165-2	9622735	9528793	9532034	9561187	0.56	cps
Indium	115-1	11509158	11316525	11390120	11405268	0.85	cps
Indium	115-2	3581177	3565676	3556333	3567729	0.35	cps
Iron	56-2	3404133	3401342	3353914	3386463	0.83	cps
Iron	57-2	102238	98634	100184	100352	1.80	cps
Iron	54-2	194974	194863	194903	194913	0.03	cps
Krypton	83-1	93	117	103	104	11.21	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:30:54	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	780	890	807	826	6.95	cps
Lead	207-1	690	643	647	660	3.94	cps
Lead	208-1	3120	3237	3164	3174	1.86	cps
Lithium	6-1	2164839	2123204	2140700	2142914	0.98	cps
Magnesium	24-2	614238	610534	609407	611393	0.41	cps
Manganese	55-2	116802	116285	116274	116454	0.26	cps
Molybdenum	94-1	333	373	333	347	6.66	cps
Molybdenum	95-1	183	123	177	161	20.41	cps
Molybdenum	96-1	293	280	273	282	3.61	cps
Molybdenum	97-1	77	93	103	91	14.78	cps
Molybdenum	98-1	223	220	200	214	5.89	cps
Neodymium	150-1	90	50	60	67	31.22	cps
Neodymium	150-2	53	30	27	37	39.62	cps
Nickel	60-2	320	307	237	288	15.56	cps
Phosphorus	31-2	193	213	163	190	13.24	cps
Potassium	39-2	450408	449244	446834	448829	0.41	cps
Rhodium	103-1	10382955	10126079	10017967	10175667	1.84	cps
Rhodium	103-2	5401018	5397895	5392122	5397012	0.08	cps
Scandium	45-1	6168290	5956735	5862603	5995876	2.61	cps
Scandium	45-2	487277	481337	480920	483178	0.74	cps
Selenium	82-1	412	341	344	366	10.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	160	77	119	35.05	cps
Silicon	28-1	6150931	6044022	5927421	6040791	1.85	cps
Silver	107-1	70	60	47	59	19.88	cps
Silver	109-1	47	50	33	43	20.36	cps
Sodium	23-2	1345977	1326205	1331721	1334634	0.76	cps
Strontium	86-1	2339928	2287707	2280159	2302598	1.41	cps
Strontium	88-1	20223352	19900652	19891308	20005104	0.95	cps
Sulfur	34-1	298643	294372	290518	294511	1.38	cps
Terbium	159-1	15498968	15425775	15137679	15354141	1.24	cps
Terbium	159-2	9509048	9389288	9374624	9424320	0.78	cps
Thallium	203-1	73	67	63	68	7.51	cps
Thallium	205-1	227	167	167	187	18.56	cps
Tin	118-1	1773	1853	1917	1848	3.89	cps
Titanium	47-1	260	250	303	271	10.46	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MW-2(MCUA)(20240926	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:30:54	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	377	357	417	383	7.97	cps
Vanadium	51-2	77	87	73	79	8.80	cps
Yttrium	89-1	12329235	12006129	11886521	12073962	1.90	cps
Yttrium	89-2	2821175	2732427	2748697	2767433	1.71	cps
Zinc	66-2	710	673	630	671	5.97	cps
Zirconium	90-1	780	727	870	792	9.14	cps
Zirconium	91-1	187	190	163	180	8.07	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:34:05	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214675	216045	215730	215483	0.33	cps
Antimony	121-1	100	87	90	92	7.52	cps
Arsenic	75-2	473	360	460	431	14.37	cps
Barium	135-1	12776	13099	12839	12905	1.33	cps
Barium	137-1	22341	22588	22952	22627	1.36	cps
Beryllium	9-1	1610	1547	1577	1578	2.01	cps
Bismuth	209-1	9402695	9346669	9139028	9296131	1.49	cps
Bismuth	209-2	6876056	6994788	7000387	6957077	1.01	cps
Bromine	81-1	47135	53945	56474	52518	9.20	cps
Bromine	81-2	8756	8723	8943	8807	1.35	cps
Cadmium	108-1	10	13	20	14	35.26	cps
Cadmium	106-1	3417	3394	3350	3387	1.00	cps
Cadmium	111-1	2385	2380	2338	2368	1.09	cps
Calcium	43-1	236111	237346	239701	237719	0.77	cps
Calcium	44-1	3488302	3542708	3609003	3546671	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4157	3844	4127	4043	4.28	cps
Cobalt	59-2	26003	25742	25508	25751	0.96	cps
Copper	63-2	650	710	653	671	5.02	cps
Dysprosium	156-1	99966	102141	102118	101408	1.23	cps
Dysprosium	156-2	75595	77512	76500	76536	1.25	cps
Erbium	164-1	87350	89477	88602	88476	1.21	cps
Erbium	164-2	57990	56879	57330	57399	0.97	cps
Gadolinium	160-1	94097	96341	95748	95395	1.22	cps
Gadolinium	160-2	64785	64327	65023	64712	0.55	cps
Holmium	165-1	14846321	14940035	14766085	14850814	0.59	cps
Holmium	165-2	9640216	9491086	9573019	9568107	0.78	cps
Indium	115-1	11050213	11053057	10942044	11015105	0.57	cps
Indium	115-2	3500072	3522276	3490100	3504149	0.47	cps
Iron	56-2	284783742	286454269	285610562	285616191	0.29	cps
Iron	57-2	6979209	7023723	7016302	7006411	0.34	cps
Iron	54-2	15588137	15326261	15458948	15457782	0.85	cps
Krypton	83-1	227	180	140	182	23.80	cps

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:34:05	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	747	767	797	770	3.27	cps
Lead	207-1	653	660	690	668	2.92	cps
Lead	208-1	2980	3214	3124	3106	3.79	cps
Lithium	6-1	2068691	2065691	2036506	2056963	0.86	cps
Magnesium	24-2	2067766	2073635	2067675	2069692	0.16	cps
Manganese	55-2	3370922	3424147	3442673	3412580	1.09	cps
Molybdenum	94-1	4027	3774	4054	3952	3.91	cps
Molybdenum	95-1	180	190	260	210	20.76	cps
Molybdenum	96-1	4868	4704	5034	4869	3.39	cps
Molybdenum	97-1	223	140	173	179	23.45	cps
Molybdenum	98-1	157	167	127	150	13.88	cps
Neodymium	150-1	158624	161904	162015	160848	1.20	cps
Neodymium	150-2	86107	87231	86940	86759	0.67	cps
Nickel	60-2	1850	1683	1780	1771	4.73	cps
Phosphorus	31-2	123	150	120	131	12.54	cps
Potassium	39-2	444580	442370	443873	443608	0.25	cps
Rhodium	103-1	9774688	9782215	9759354	9772085	0.12	cps
Rhodium	103-2	5335329	5327136	5319381	5327282	0.15	cps
Scandium	45-1	5507908	5528705	5520843	5519152	0.19	cps
Scandium	45-2	470624	472772	469896	471097	0.32	cps
Selenium	82-1	339	442	482	421	17.58	cps
Selenium	77-2	187	197	183	189	3.67	cps
Selenium	78-2	327	297	300	308	5.34	cps
Silicon	28-1	6720328	6873193	6816652	6803391	1.14	cps
Silver	107-1	67	63	60	63	5.27	cps
Silver	109-1	20	30	27	26	19.92	cps
Sodium	23-2	1945578	1959217	1925773	1943523	0.87	cps
Strontium	86-1	154895	156487	159216	156866	1.39	cps
Strontium	88-1	1356125	1374342	1379314	1369927	0.89	cps
Sulfur	34-1	2456019	2480894	2471103	2469339	0.51	cps
Terbium	159-1	15351549	15290524	15199775	15280616	0.50	cps
Terbium	159-2	9576702	9566393	9552761	9565285	0.13	cps
Thallium	203-1	83	67	47	66	28.00	cps
Thallium	205-1	117	147	187	150	23.41	cps
Tin	118-1	6408	6472	6605	6495	1.55	cps
Titanium	47-1	630	547	550	576	8.20	cps

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Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4227-13DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-6(20240927)	Dilution Factor :	2
Date & Time Acquired :	2024-10-06 12:34:05	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	183	213	190	196	8.06	cps
Vanadium	51-2	12285	11982	12072	12113	1.29	cps
Yttrium	89-1	12614504	12892909	12798211	12768541	1.11	cps
Yttrium	89-2	3010767	3019163	2960248	2996726	1.06	cps
Zinc	66-2	1637	1713	1773	1708	4.01	cps
Zirconium	90-1	9113	9583	10007	9568	4.67	cps
Zirconium	91-1	2094	2210	2127	2144	2.80	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02A	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:56:04	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3368031	3273740	3237257	3293009	2.05	cps
Antimony	121-1	14134	14417	14364	14305	1.05	cps
Arsenic	75-2	10117	9797	9633	9849	2.50	cps
Barium	135-1	881394	882117	867347	876953	0.95	cps
Barium	137-1	1519083	1516402	1513946	1516477	0.17	cps
Beryllium	9-1	1500	1567	1470	1512	3.27	cps
Bismuth	209-1	9694125	9634499	9547567	9625397	0.77	cps
Bismuth	209-2	7077079	7241847	7061969	7126965	1.40	cps
Bromine	81-1	16813	16523	15081	16139	5.75	cps
Bromine	81-2	953	1023	880	952	7.53	cps
Cadmium	108-1	293	253	290	279	7.96	cps
Cadmium	106-1	3660	3497	3400	3519	3.73	cps
Cadmium	111-1	4761	4618	4484	4621	2.99	cps
Calcium	43-1	461207	460762	458337	460102	0.34	cps
Calcium	44-1	6894699	6897682	6835362	6875914	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110098	109198	109020	109439	0.53	cps
Cobalt	59-2	140160	137701	138283	138715	0.93	cps
Copper	63-2	293962	287764	288604	290110	1.16	cps
Dysprosium	156-1	35762	35916	35675	35784	0.34	cps
Dysprosium	156-2	24835	25176	24865	24959	0.76	cps
Erbium	164-1	39238	39519	39255	39338	0.40	cps
Erbium	164-2	24595	24535	24732	24621	0.41	cps
Gadolinium	160-1	36076	35902	35351	35777	1.06	cps
Gadolinium	160-2	24391	24151	24024	24189	0.77	cps
Holmium	165-1	16022927	15501898	15489316	15671380	1.94	cps
Holmium	165-2	9802175	9872251	9758292	9810906	0.59	cps
Indium	115-1	12257296	11970289	11900379	12042655	1.57	cps
Indium	115-2	3713321	3745260	3661260	3706614	1.14	cps
Iron	56-2	125290591	123896585	123638165	124275114	0.72	cps
Iron	57-2	3101976	3051205	3059440	3070874	0.89	cps
Iron	54-2	6842488	6748700	6682249	6757812	1.19	cps
Krypton	83-1	160	157	167	161	3.16	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02A	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:56:04	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1421637	1435501	1436536	1431225	0.58	cps
Lead	207-1	1210701	1226423	1229262	1222129	0.82	cps
Lead	208-1	5883189	5934708	5909379	5909092	0.44	cps
Lithium	6-1	2232155	2223230	2171781	2209055	1.48	cps
Magnesium	24-2	2013814	2016664	1982661	2004379	0.94	cps
Manganese	55-2	4244196	4173141	4199885	4205741	0.85	cps
Molybdenum	94-1	9723	10501	10350	10191	4.05	cps
Molybdenum	95-1	1853	1880	1770	1835	3.13	cps
Molybdenum	96-1	5221	5231	5201	5218	0.29	cps
Molybdenum	97-1	1090	1097	1160	1116	3.46	cps
Molybdenum	98-1	2720	2667	2624	2670	1.81	cps
Neodymium	150-1	49527	49185	49446	49386	0.36	cps
Neodymium	150-2	25430	26057	25339	25609	1.53	cps
Nickel	60-2	33524	32910	32241	32892	1.95	cps
Phosphorus	31-2	23832	23558	23291	23560	1.15	cps
Potassium	39-2	1251686	1240619	1241895	1244733	0.49	cps
Rhodium	103-1	11062877	10888374	10830932	10927394	1.11	cps
Rhodium	103-2	5714073	5731460	5594872	5680135	1.31	cps
Scandium	45-1	6635475	6493891	6306062	6478476	2.55	cps
Scandium	45-2	533004	525716	521224	526648	1.13	cps
Selenium	82-1	457	485	502	482	4.73	cps
Selenium	77-2	63	70	100	78	25.11	cps
Selenium	78-2	233	183	207	208	12.04	cps
Silicon	28-1	33090946	33016674	32649986	32919202	0.72	cps
Silver	107-1	3407	3257	3504	3389	3.67	cps
Silver	109-1	3190	3157	3330	3226	2.85	cps
Sodium	23-2	164911	165037	167749	165899	0.97	cps
Strontium	86-1	321990	320522	320145	320886	0.30	cps
Strontium	88-1	2819995	2778376	2806005	2801459	0.76	cps
Sulfur	34-1	167961	164343	159334	163879	2.64	cps
Terbium	159-1	16612537	15966064	15939513	16172705	2.36	cps
Terbium	159-2	9989871	9979093	9785877	9918280	1.16	cps
Thallium	203-1	1760	1687	1987	1811	8.64	cps
Thallium	205-1	4291	4417	4407	4372	1.61	cps
Tin	118-1	28301	28886	28284	28490	1.20	cps
Titanium	47-1	401617	399259	399117	399998	0.35	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	P4161-02A	Instrumnet Name :	P7
Client Sample ID :	YE0S7A	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:56:04	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39181	39712	38803	39232	1.16	cps
Vanadium	51-2	1164285	1153818	1152242	1156781	0.57	cps
Yttrium	89-1	13690338	13073438	13263829	13342535	2.37	cps
Yttrium	89-2	3043812	3050479	3014175	3036155	0.64	cps
Zinc	66-2	508063	506450	501174	505229	0.71	cps
Zirconium	90-1	24066	24260	24624	24317	1.16	cps
Zirconium	91-1	5454	5428	5551	5478	1.18	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:59:10	DataFile Name :	088CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5776823	5766188	5731448	5758153	0.41	cps
Antimony	121-1	3127924	3120055	3055370	3101116	1.28	cps
Arsenic	75-2	127431	127872	128766	128023	0.53	cps
Barium	135-1	4351635	4321786	4221573	4298331	1.59	cps
Barium	137-1	7505276	7450554	7344868	7433566	1.10	cps
Beryllium	9-1	500879	494188	488901	494656	1.21	cps
Bismuth	209-1	8483408	8514751	8402117	8466758	0.69	cps
Bismuth	209-2	6216961	6188781	6149551	6185097	0.55	cps
Bromine	81-1	9156	8042	8122	8440	7.36	cps
Bromine	81-2	187	140	177	168	14.65	cps
Cadmium	108-1	56078	55281	54877	55412	1.10	cps
Cadmium	106-1	82647	80495	80022	81054	1.73	cps
Cadmium	111-1	743572	738113	733648	738444	0.67	cps
Calcium	43-1	3863417	3712986	3686116	3754173	2.55	cps
Calcium	44-1	61459589	59858825	59189022	60169145	1.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1011201	1014765	1013638	1013201	0.18	cps
Cobalt	59-2	1473116	1479135	1481209	1477820	0.28	cps
Copper	63-2	10257334	10211143	10301626	10256701	0.44	cps
Dysprosium	156-1	220	247	213	227	7.78	cps
Dysprosium	156-2	280	277	253	270	5.38	cps
Erbium	164-1	203	213	207	208	2.45	cps
Erbium	164-2	170	150	157	159	6.41	cps
Gadolinium	160-1	200	173	207	193	9.12	cps
Gadolinium	160-2	510	567	537	538	5.27	cps
Holmium	165-1	14432464	14196578	14148978	14259340	1.06	cps
Holmium	165-2	9026044	9076142	8997126	9033104	0.44	cps
Indium	115-1	10295378	10010168	9926509	10077352	1.92	cps
Indium	115-2	3142129	3125293	3168933	3145451	0.70	cps
Iron	56-2	222789090	221433997	224182950	222802012	0.62	cps
Iron	57-2	5598060	5548163	5517802	5554675	0.73	cps
Iron	54-2	12012656	12068564	12161744	12080988	0.62	cps
Krypton	83-1	103	103	87	98	9.84	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:59:10	DataFile Name :	088CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12750646	12857953	12795327	12801308	0.42	cps
Lead	207-1	11290977	11477582	11469816	11412792	0.92	cps
Lead	208-1	51180840	51883403	51414305	51492850	0.69	cps
Lithium	6-1	1971012	1924931	1906074	1934006	1.73	cps
Magnesium	24-2	46338148	46315579	46471154	46374960	0.18	cps
Manganese	55-2	7964773	7999860	8059632	8008089	0.60	cps
Molybdenum	94-1	10918993	10862854	10637518	10806455	1.38	cps
Molybdenum	95-1	16012669	15658842	15680526	15784012	1.26	cps
Molybdenum	96-1	17370690	17311263	16976884	17219612	1.23	cps
Molybdenum	97-1	9974770	9902082	9831018	9902623	0.73	cps
Molybdenum	98-1	26122417	25631337	25462527	25738760	1.33	cps
Neodymium	150-1	380	420	393	398	5.12	cps
Neodymium	150-2	117	100	110	109	7.71	cps
Nickel	60-2	364073	365231	362180	363828	0.42	cps
Phosphorus	31-2	57725	57069	58729	57841	1.45	cps
Potassium	39-2	28659219	29033719	29251237	28981392	1.03	cps
Rhodium	103-1	8836030	8548591	8408459	8597693	2.54	cps
Rhodium	103-2	4531540	4624985	4529312	4561946	1.20	cps
Scandium	45-1	5427622	5230768	5098349	5252246	3.15	cps
Scandium	45-2	424567	431103	429257	428309	0.79	cps
Selenium	82-1	43562	42589	42896	43016	1.16	cps
Selenium	77-2	3677	3904	3721	3767	3.19	cps
Selenium	78-2	12195	13166	12852	12738	3.89	cps
Silicon	28-1	6400933	6205086	6134906	6246975	2.21	cps
Silver	107-1	3595252	3559268	3497599	3550706	1.39	cps
Silver	109-1	3457127	3437927	3374374	3423143	1.27	cps
Sodium	23-2	77954961	78109882	77983179	78016007	0.11	cps
Strontium	86-1	24938536	24246233	24139610	24441460	1.77	cps
Strontium	88-1	216300550	214232090	211730797	214087812	1.07	cps
Sulfur	34-1	353888	344594	339285	345922	2.14	cps
Terbium	159-1	15012756	14565844	14334343	14637648	2.36	cps
Terbium	159-2	8935167	8936519	8899228	8923638	0.24	cps
Thallium	203-1	3227315	3260028	3260340	3249228	0.58	cps
Thallium	205-1	7703561	7715631	7662321	7693838	0.36	cps
Tin	118-1	2663404	2639593	2618466	2640487	0.85	cps
Titanium	47-1	3713518	3581642	3522533	3605898	2.71	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 12:59:10	DataFile Name :	088CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10675857	10910250	10863005	10816371	1.15	cps
Vanadium	51-2	904932	908119	919619	910890	0.85	cps
Yttrium	89-1	11104564	10829957	10653194	10862571	2.09	cps
Yttrium	89-2	2476062	2491842	2472263	2480056	0.42	cps
Zinc	66-2	1742635	1735298	1726218	1734717	0.47	cps
Zirconium	90-1	5253481	5137304	5079047	5156611	1.72	cps
Zirconium	91-1	1182205	1167938	1139045	1163063	1.89	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 13:01:58	DataFile Name :	089CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	80	127	116	27.26	cps
Antimony	121-1	1980	2084	2307	2124	7.86	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	123	113	87	108	17.59	cps
Barium	137-1	143	130	137	137	4.88	cps
Beryllium	9-1	133	113	113	120	9.62	cps
Bismuth	209-1	9788612	9774647	9619577	9727612	0.96	cps
Bismuth	209-2	7143761	7101554	7167008	7137441	0.46	cps
Bromine	81-1	8139	8299	8493	8310	2.13	cps
Bromine	81-2	170	183	127	160	18.52	cps
Cadmium	108-1	13	7	7	9	43.25	cps
Cadmium	106-1	3354	3060	3124	3179	4.86	cps
Cadmium	111-1	2385	2204	2209	2266	4.55	cps
Calcium	43-1	142	232	193	189	23.94	cps
Calcium	44-1	3476	3569	3263	3436	4.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297	350	293	313	10.15	cps
Cobalt	59-2	63	57	63	61	6.29	cps
Copper	63-2	930	953	797	893	9.46	cps
Dysprosium	156-1	13	27	20	20	33.35	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	103	117	113	111	6.25	cps
Erbium	164-2	57	53	70	60	14.70	cps
Gadolinium	160-1	37	47	67	50	30.55	cps
Gadolinium	160-2	427	483	503	471	8.44	cps
Holmium	165-1	15127367	15131523	15043585	15100825	0.33	cps
Holmium	165-2	9602128	9579729	9561067	9580975	0.21	cps
Indium	115-1	11368942	11217894	11262852	11283229	0.69	cps
Indium	115-2	3576275	3599219	3548257	3574584	0.71	cps
Iron	56-2	10420	10153	10013	10196	2.03	cps
Iron	57-2	793	693	767	751	6.89	cps
Iron	54-2	1100	1183	1040	1108	6.50	cps
Krypton	83-1	113	93	100	102	9.97	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 13:01:58	DataFile Name :	089CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1107	1053	917	1026	9.56	cps
Lead	207-1	837	790	943	857	9.17	cps
Lead	208-1	4314	4067	3817	4066	6.11	cps
Lithium	6-1	2148918	2128390	2148253	2141854	0.54	cps
Magnesium	24-2	1070	1037	1020	1042	2.44	cps
Manganese	55-2	280	323	307	303	7.21	cps
Molybdenum	94-1	793	750	767	770	2.84	cps
Molybdenum	95-1	800	757	723	760	5.06	cps
Molybdenum	96-1	973	777	830	860	11.83	cps
Molybdenum	97-1	427	457	377	420	9.62	cps
Molybdenum	98-1	1193	1077	1153	1141	5.20	cps
Neodymium	150-1	3	7	37	16	118.03	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	57	50	47	51	9.96	cps
Phosphorus	31-2	87	123	117	109	17.94	cps
Potassium	39-2	35929	35137	35391	35486	1.14	cps
Rhodium	103-1	10029090	10098393	10033494	10053659	0.39	cps
Rhodium	103-2	5417703	5432406	5501743	5450617	0.82	cps
Scandium	45-1	5588237	5634062	5586443	5602914	0.48	cps
Scandium	45-2	478229	476060	476742	477010	0.23	cps
Selenium	82-1	298	350	332	327	8.11	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	123	117	133	124	6.74	cps
Silicon	28-1	131995	132856	134755	133202	1.06	cps
Silver	107-1	483	427	250	387	31.47	cps
Silver	109-1	480	353	340	391	19.76	cps
Sodium	23-2	21572	21044	20440	21019	2.69	cps
Strontium	86-1	473	460	357	430	14.85	cps
Strontium	88-1	3510	2650	2364	2841	21.01	cps
Sulfur	34-1	132203	133084	135504	133597	1.28	cps
Terbium	159-1	15715823	15572480	15617338	15635214	0.47	cps
Terbium	159-2	9450445	9538453	9557023	9515307	0.60	cps
Thallium	203-1	527	480	380	462	16.21	cps
Thallium	205-1	1127	1000	867	998	13.03	cps
Tin	118-1	883	1003	1087	991	10.31	cps
Titanium	47-1	170	160	160	163	3.53	cps

Reviewed By:mohan
On:10/7/2024 11:35:34 PM
Inst Id :P7

LB Number :	LB132796	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-10-06 13:01:58	DataFile Name :	089CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	180	177	143	167	12.16	cps
Vanadium	51-2	27	37	3	22	76.99	cps
Yttrium	89-1	11784340	11658929	11705129	11716133	0.54	cps
Yttrium	89-2	2719516	2732721	2772726	2741654	1.01	cps
Zinc	66-2	340	333	257	310	14.94	cps
Zirconium	90-1	967	1040	973	993	4.08	cps
Zirconium	91-1	240	227	270	246	9.04	cps

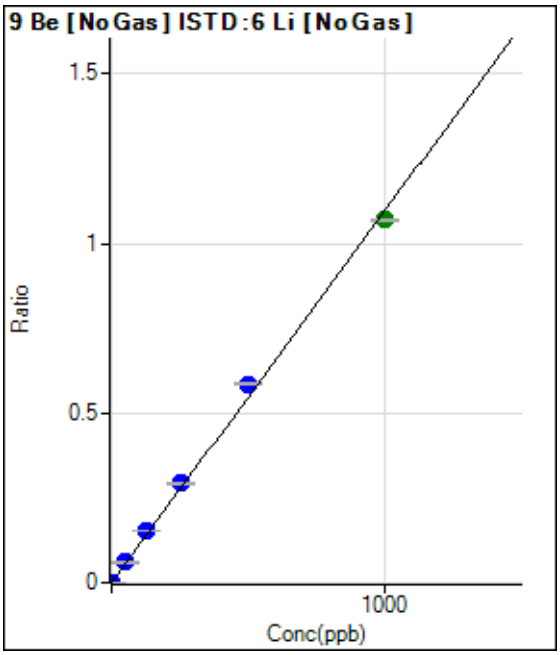
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102524-MS.b\
Analysis File: P7102524-MS.batch.bin
DA Date-Time: 2024-10-25 09:48:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2024-10-25 02:54:34
2	006CALS.d	S02	2024-10-25 02:57:55
3	007CALS.d	S03	2024-10-25 03:01:17
4	008CALS.d	S04	2024-10-25 03:04:22
5	009CALS.d	S05	2024-10-25 03:07:20
6	010CALS.d	S06	2024-10-25 03:10:12
7	011CALS.d	S07	2024-10-25 03:13:01
8	012CALS.d	S08	2024-10-25 03:15:49

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0000	P	21.
2	☐	1.000	1.076	2063.49	0.0012	P	3.4
3	☐	50.000	54.799	102274.57	0.0600	P	4.6
4	☐	125.000	138.269	261104.28	0.1514	P	1.5
5	☐	250.000	266.741	510440.50	0.2920	P	2.5
6	☐	500.000	533.876	1010558.21	0.5844	P	1.1
7	☐	1000.000	976.978	1887060.20	1.0695	A	0.5
8	☐			253.34	0.0001	P	14.

y = 0.0011 * x + 2.8038E-005

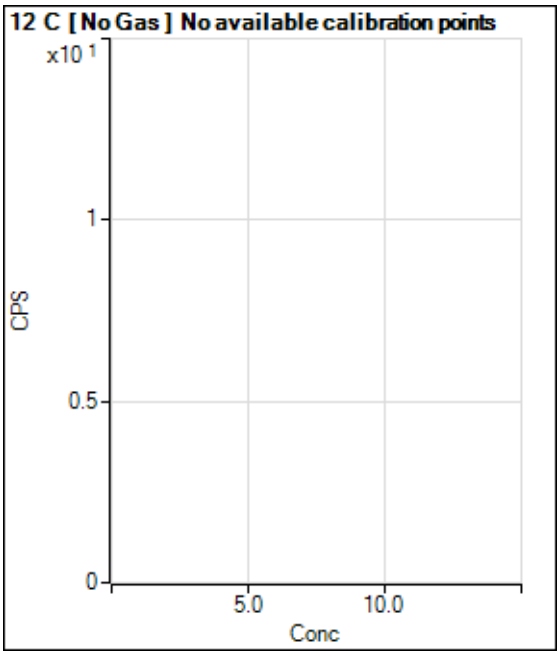
R = 0.9989

DL = 0.01657

BEC = 0.02561

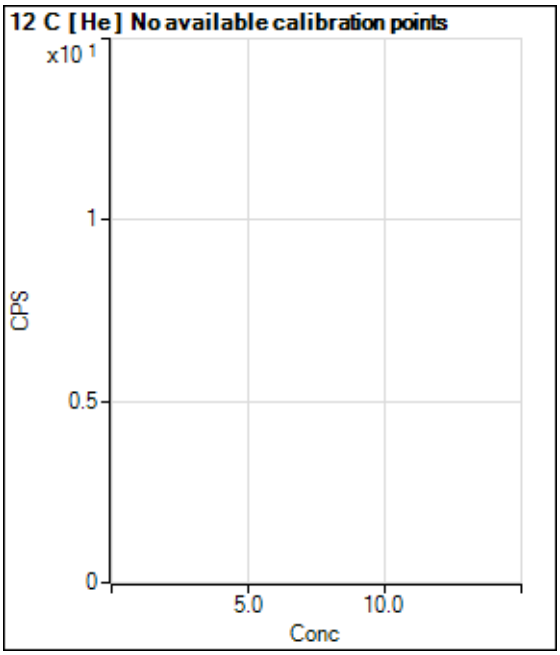
Weight: <None>

Min Conc: 0

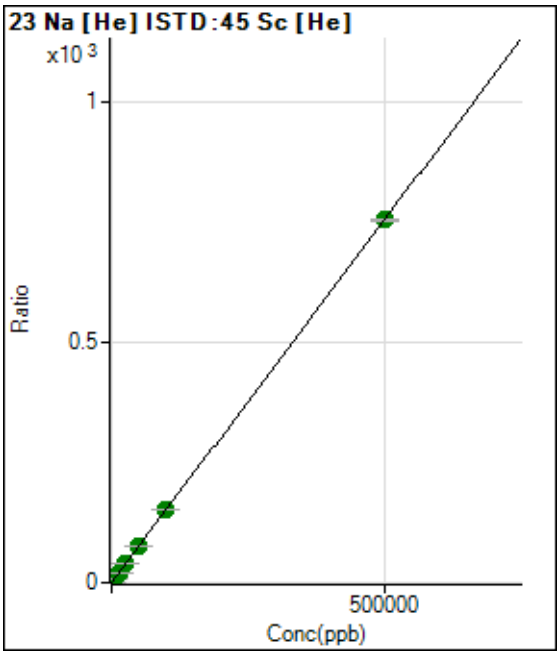


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

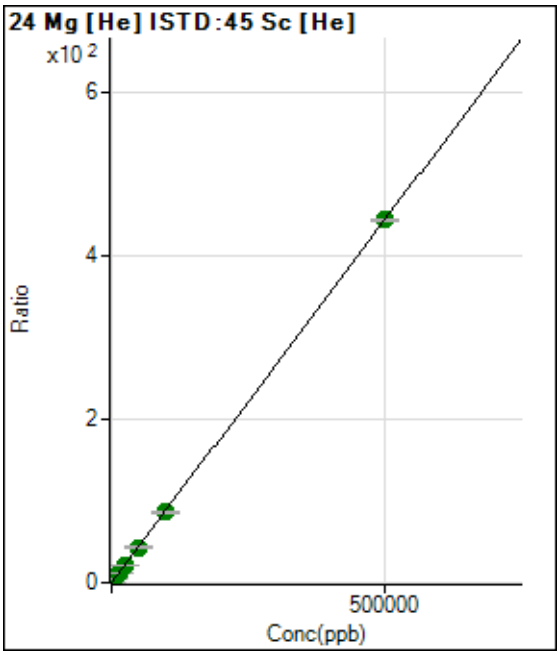


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36984.39	0.0693	P	1.2
2	☐	500.000	528.880	466321.49	0.8681	P	0.0
3	☐	5000.000	5069.908	4205164.62	7.7270	A	0.8
4	☐	12500.000	12868.740	10829643.17	19.5065	A	1.2
5	☐	25000.000	25464.095	21492702.04	38.5308	A	0.6
6	☐	50000.000	50044.791	41666429.38	75.6580	A	0.4
7	☐	100000.00	100065.74	86577585.38	151.2106	A	0.3
8	☐	500000.00	499949.22	435376793.51	755.2029	A	0.5

y = 0.0015 * x + 0.0693
R = 1.0000
DL = 1.679
BEC = 45.87

Weight: <None>
Min Conc: 0

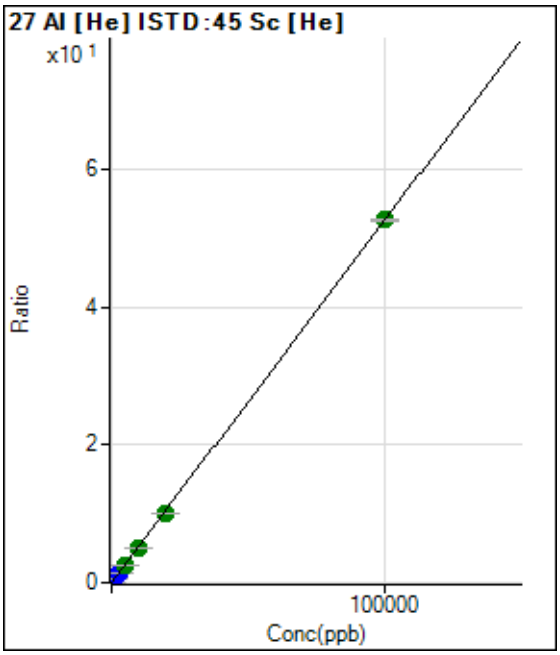
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1117.83	0.0021	P	2.5
2	☐	500.000	555.221	265471.37	0.4942	P	0.8
3	☐	5000.000	5005.559	2415668.23	4.4388	A	0.9
4	☐	12500.000	12578.232	6190735.19	11.1509	A	0.6
5	☐	25000.000	24888.660	12306519.82	22.0624	A	0.7
6	☐	50000.000	49080.077	23959349.37	43.5046	A	0.1
7	☐	100000.00	97134.853	49296523.16	86.0984	A	0.6
8	☐	500000.00	500668.52	255835278.41	443.7737	A	0.9

y = 8.8636E-004 * x + 0.0021
R = 1.0000
DL = 0.1796
BEC = 2.362

Weight: <None>
Min Conc: 0

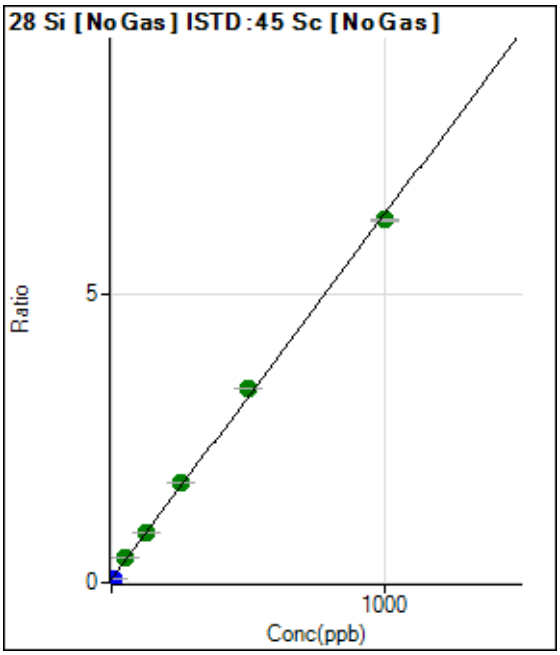


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1186.73	0.0022	P	3.0
2	☐	20.000	20.285	6929.41	0.0129	P	1.2
3	☐	1000.000	1032.380	296935.80	0.5456	P	1.0
4	☐	2500.000	2616.375	765819.79	1.3794	P	0.4
5	☐	5000.000	4918.190	1445265.38	2.5910	A	0.9
6	☐	10000.000	9758.194	2829888.47	5.1386	A	0.7
7	☐	20000.000	19236.859	5798812.13	10.1278	A	0.4
8	☐	100000.00	100177.66	30400268.71	52.7323	A	0.4

y = 5.2637E-004 * x + 0.0022
R = 1.0000
DL = 0.382
BEC = 4.223

Weight: <None>
Min Conc: 0

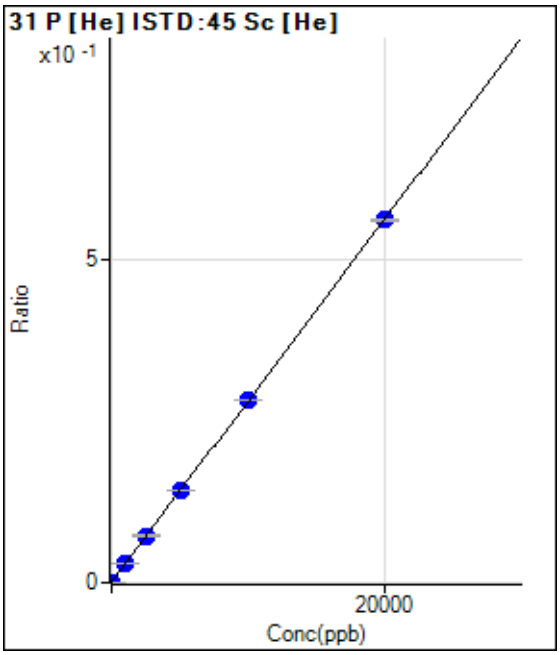
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	345168.41	0.0597	P	0.2
2	☐	10.000	0.921	377475.05	0.0655	P	0.5
3	☐	50.000	57.772	2460247.25	0.4257	A	3.0
4	☐	125.000	128.493	5157315.27	0.8738	A	0.3
5	☐	250.000	262.894	10344480.75	1.7254	A	0.5
6	☐	500.000	522.845	20331126.36	3.3723	A	0.5
7	☐	1000.000	984.620	38752426.64	6.2980	A	0.4
8	☐			426148.00	0.0688	P	0.9

y = 0.0063 * x + 0.0597
R = 0.9994
DL = 0.05199
BEC = 9.424

Weight: <None>
Min Conc: 0

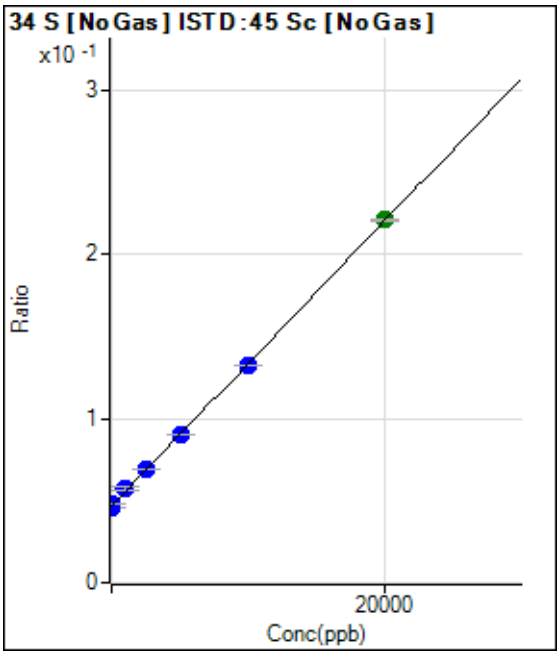


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-18.530	166.67	0.0003	P	14.
2	☐	0.000	18.530	726.69	0.0014	P	10.
3	☐	1000.000	991.447	15610.30	0.0287	P	0.3
4	☐	2500.000	2560.117	40390.93	0.0728	P	1.8
5	☐	5000.000	5072.657	79951.66	0.1433	P	0.4
6	☐	10000.000	9995.898	155104.30	0.2816	P	0.1
7	☐	20000.000	19976.800	321789.65	0.5620	P	0.4
8	☐			315.56	0.0005	P	12.

y = 2.8092E-005 * x + 8.3270E-004
R = 1.0000
DL = 10.18
BEC = 29.64

Weight: <None>
Min Conc: 0

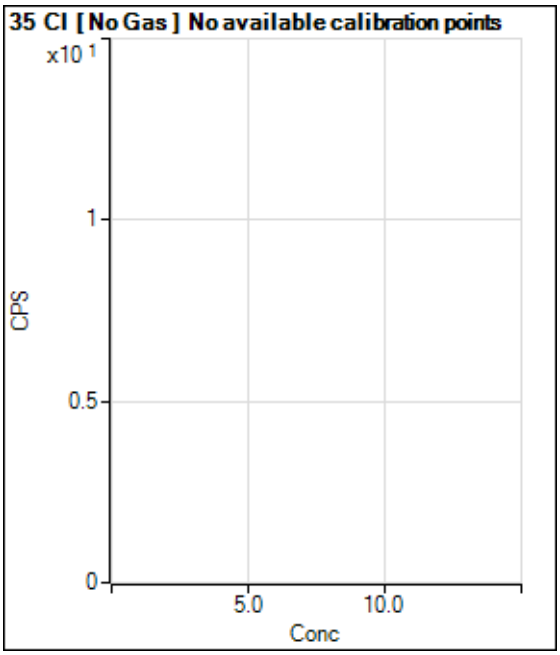
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-133.535	263390.93	0.0456	P	1.8
2	☐	0.000	133.535	275796.22	0.0479	P	1.0
3	☐	1000.000	1226.635	331735.34	0.0574	P	2.3
4	☐	2500.000	2593.769	408970.47	0.0693	P	0.9
5	☐	5000.000	4986.242	540276.44	0.0901	P	0.4
6	☐	10000.000	9840.283	797892.38	0.1323	P	0.3
7	☐	20000.000	20060.245	1361458.50	0.2213	A	0.9
8	☐			269689.74	0.0435	P	2.0

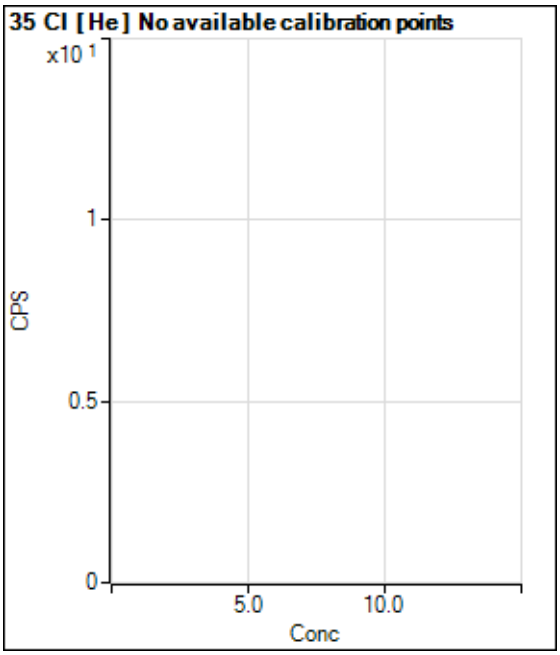
y = 8.7003E-006 * x + 0.0467
R = 0.9998
DL = 220.2
BEC = 5371

Weight: <None>
Min Conc: 0

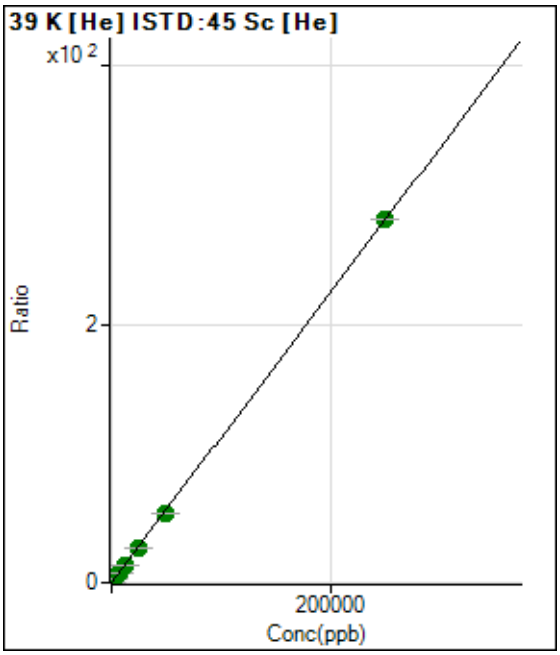


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

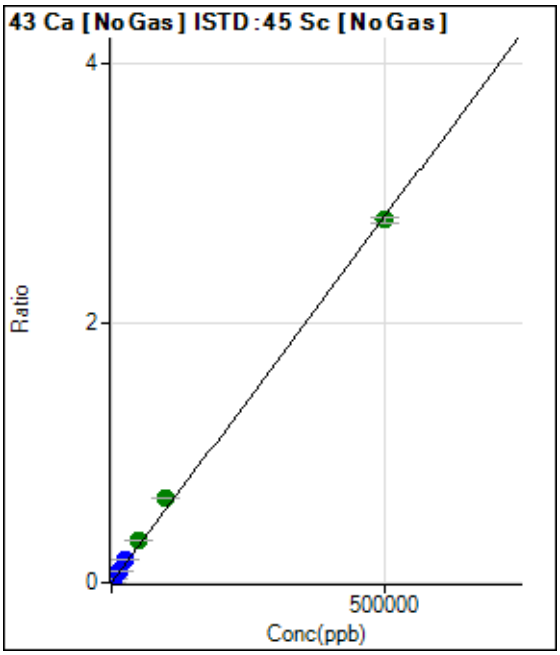


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71421.96	0.1338	P	0.9
2	☐	500.000	512.776	380109.63	0.7076	P	0.8
3	☐	2500.000	2427.201	1551028.33	2.8501	A	0.8
4	☐	6250.000	6119.293	3876297.86	6.9819	A	0.8
5	☐	12500.000	12085.863	7619119.33	13.6590	A	0.3
6	☐	25000.000	24083.583	14916159.78	27.0856	A	1.0
7	☐	50000.000	47695.340	30637712.88	53.5094	A	0.4
8	☐	250000.00	250577.25	161740693.14	280.5534	A	0.2

y = 0.0011 * x + 0.1338
R = 1.0000
DL = 3.094
BEC = 119.6

Weight: <None>
Min Conc: 0

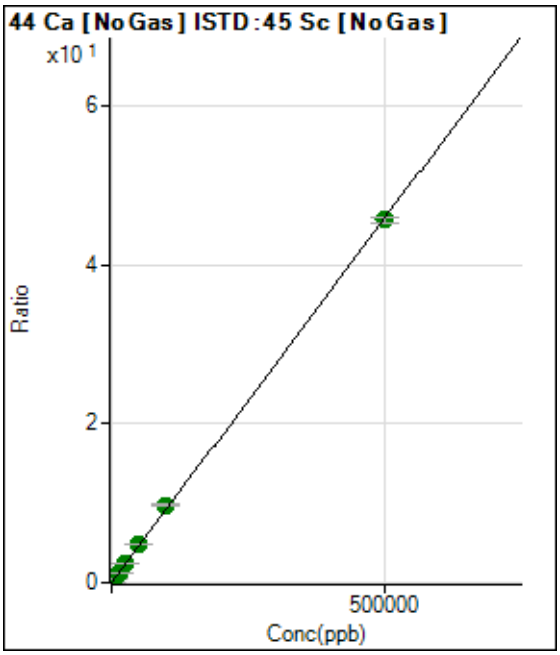
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	521.12	0.0001	P	1.8
2	☐	500.000	529.704	17748.26	0.0031	P	0.3
3	☐	5000.000	6257.250	204743.88	0.0354	P	3.0
4	☐	12500.000	15682.879	523299.44	0.0887	P	0.7
5	☐	25000.000	30925.316	1047764.85	0.1748	P	1.3
6	☐	50000.000	57850.548	1970317.37	0.3268	A	0.9
7	☐	100000.00	115496.28	4014226.29	0.6524	A	1.3
8	☐	500000.00	495727.24	17341790.85	2.7999	A	1.7

y = 5.6479E-006 * x + 9.0134E-005
R = 0.9994
DL = 0.8536
BEC = 15.96

Weight: <None>
Min Conc: 0

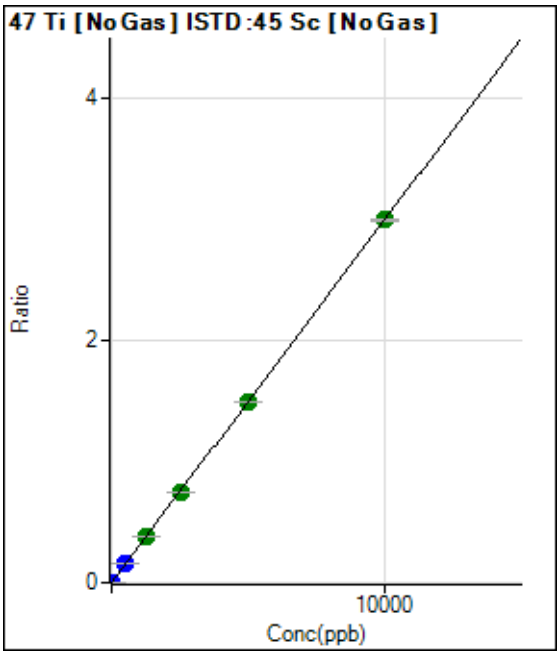


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26598.83	0.0046	P	1.4
2	☐	500.000	533.943	308620.11	0.0536	P	0.3
3	☐	5000.000	5394.200	2886740.58	0.4995	A	2.2
4	☐	12500.000	13598.236	7390568.99	1.2522	A	0.4
5	☐	25000.000	26787.186	14762802.69	2.4623	A	0.8
6	☐	50000.000	53527.541	29635201.23	4.9156	A	0.6
7	☐	100000.00	106877.18	60363304.10	9.8103	A	1.2
8	☐	500000.00	498151.01	283106135.78	45.7087	A	1.8

y = 9.1748E-005 * x + 0.0046
R = 0.9999
DL = 2.042
BEC = 50.16

Weight: <None>
Min Conc: 0

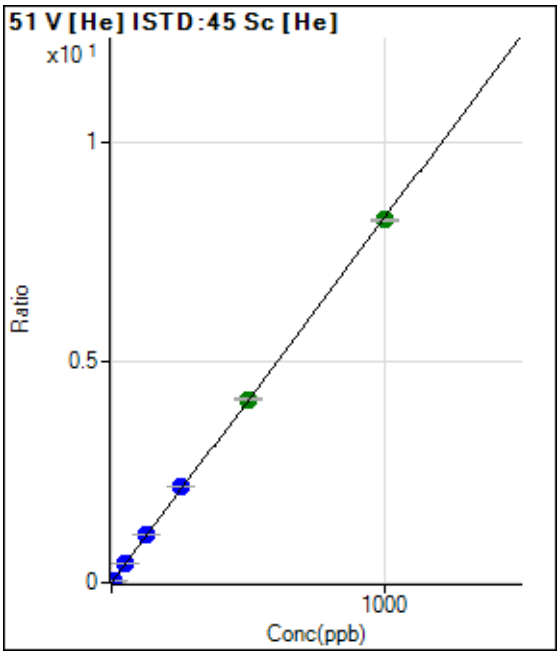
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	268.89	0.0000	P	9.9
2	☐	5.000	4.582	8158.94	0.0014	P	4.6
3	☐	500.000	523.934	905426.13	0.1567	P	2.7
4	☐	1250.000	1274.583	2249108.58	0.3811	A	0.6
5	☐	2500.000	2497.547	4476941.53	0.7467	A	1.2
6	☐	5000.000	4985.632	8986152.92	1.4905	A	0.4
7	☐	10000.000	10003.528	18401497.23	2.9906	A	0.6
8	☐			2706.93	0.0004	P	1.8

y = 2.9895E-004 * x + 4.6532E-005
R = 1.0000
DL = 0.04604
BEC = 0.1557

Weight: <None>
Min Conc: 0

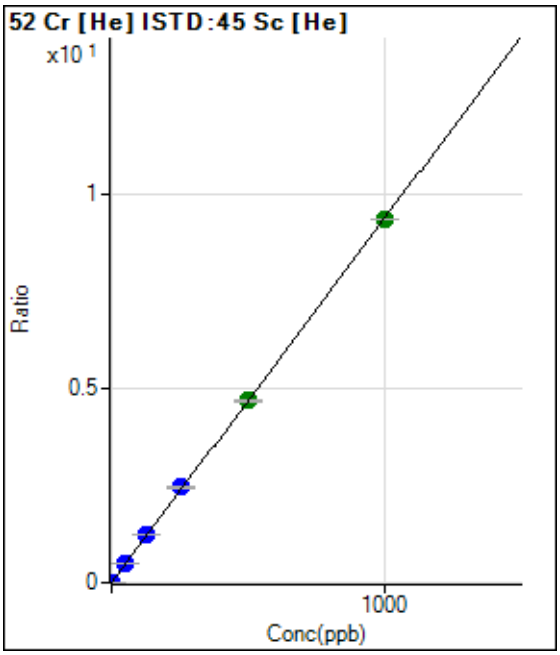


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0001	P	19.
2	☐	5.000	5.156	22958.62	0.0427	P	1.3
3	☐	50.000	52.354	235618.48	0.4330	P	1.1
4	☐	125.000	132.638	608888.25	1.0967	P	0.3
5	☐	250.000	263.490	1215230.43	2.1786	P	0.2
6	☐	500.000	501.686	2284295.61	4.1479	A	1.1
7	☐	1000.000	994.711	4708796.22	8.2241	A	0.5
8	☐			1141.16	0.0020	P	4.5

y = 0.0083 * x + 1.1449E-004
R = 0.9999
DL = 0.00802
BEC = 0.01385

Weight: <None>
Min Conc: 0

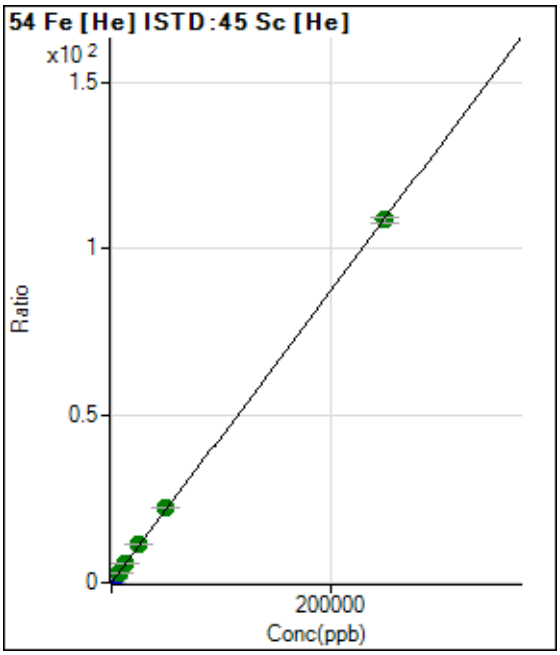
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1387.86	0.0026	P	7.3
2	☐	2.000	2.049	11702.39	0.0218	P	1.7
3	☐	50.000	52.215	267518.58	0.4916	P	0.7
4	☐	125.000	132.388	689730.04	1.2424	P	0.5
5	☐	250.000	261.188	1365798.10	2.4485	P	0.3
6	☐	500.000	500.347	2581878.64	4.6881	A	0.8
7	☐	1000.000	995.995	5341827.35	9.3297	A	0.2
8	☐			19111.07	0.0332	P	5.5

y = 0.0094 * x + 0.0026
R = 0.9999
DL = 0.06063
BEC = 0.2777

Weight: <None>
Min Conc: 0

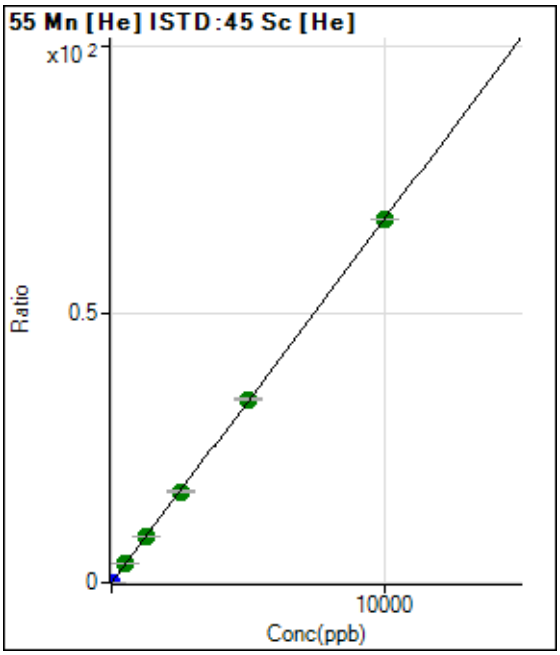


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3217.04	0.0060	P	5.1
2	☐	50.000	56.866	16540.30	0.0308	P	0.1
3	☐	2500.000	2818.777	671325.80	1.2336	P	0.6
4	☐	6250.000	6682.072	1618901.97	2.9160	A	0.6
5	☐	12500.000	13208.826	3212027.14	5.7583	A	0.9
6	☐	25000.000	26163.653	6278090.60	11.4000	A	1.4
7	☐	50000.000	51766.981	12911328.70	22.5500	A	0.4
8	☐	250000.00	249480.80	62638104.62	108.6523	A	1.4

y = 4.3549E-004 * x + 0.0060
R = 1.0000
DL = 2.103
BEC = 13.84

Weight: <None>
Min Conc: 0

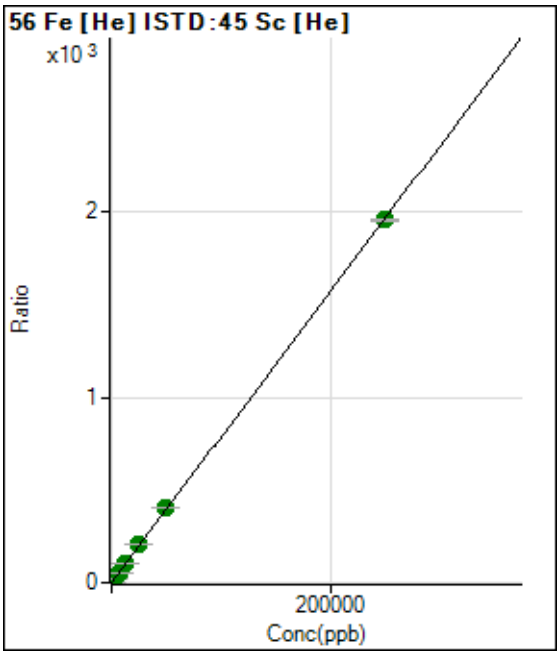
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1330.07	0.0025	P	5.8
2	☐	1.000	1.109	5373.23	0.0100	P	2.8
3	☐	500.000	509.681	1880219.28	3.4550	A	2.0
4	☐	1250.000	1270.416	4779060.21	8.6082	A	0.5
5	☐	2500.000	2505.361	9467915.35	16.9735	A	0.8
6	☐	5000.000	5030.729	18768353.89	34.0801	A	0.9
7	☐	10000.000	9980.259	38709693.59	67.6077	A	0.1
8	☐			21598.88	0.0375	P	2.2

y = 0.0068 * x + 0.0025
R = 1.0000
DL = 0.06431
BEC = 0.3678

Weight: <None>
Min Conc: 0

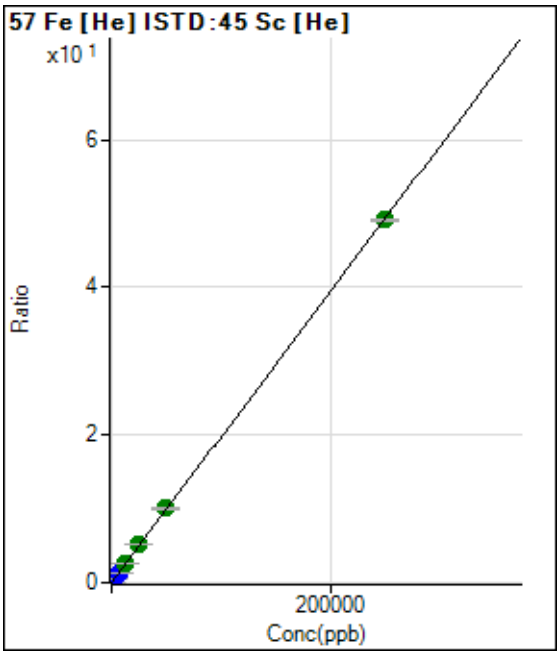


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31215.64	0.0585	P	0.9
2	☐	50.000	55.149	263897.10	0.4913	P	0.4
3	☐	2500.000	2633.707	11280124.55	20.7278	A	1.3
4	☐	6250.000	6642.691	28974896.24	52.1902	A	0.6
5	☐	12500.000	13072.818	57261187.48	102.6537	A	0.8
6	☐	25000.000	26131.278	112974383.87	205.1363	A	0.3
7	☐	50000.000	51497.280	231435534.33	404.2083	A	0.3
8	☐	250000.00	249547.62	1129078463.1	1,958.504	A	0.6

y = 0.0078 * x + 0.0585
R = 1.0000
DL = 0.1904
BEC = 7.451

Weight: <None>
Min Conc: 0

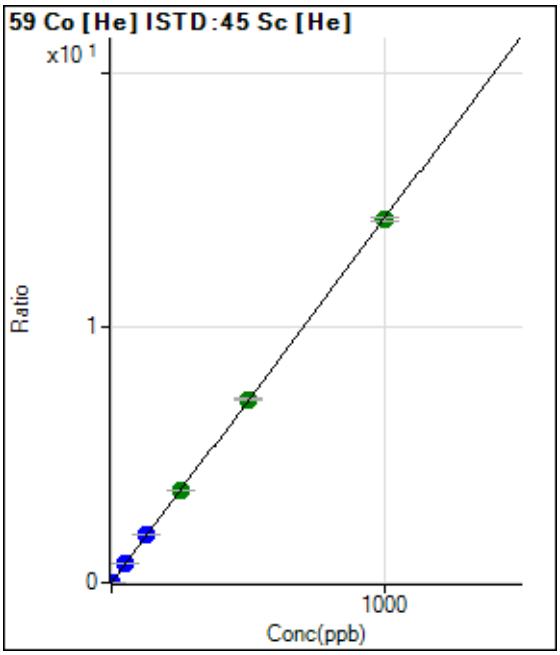
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2296.86	0.0043	P	3.4
2	☐	50.000	57.513	8390.19	0.0156	P	3.3
3	☐	2500.000	2779.060	299931.49	0.5511	P	1.1
4	☐	6250.000	7061.371	773799.55	1.3938	P	0.2
5	☐	12500.000	12915.136	1419965.87	2.5456	A	1.0
6	☐	25000.000	25936.847	2813073.40	5.1079	A	0.3
7	☐	50000.000	51039.936	5752749.29	10.0474	A	0.7
8	☐	250000.00	249654.49	28322879.02	49.1287	A	0.4

y = 1.9677E-004 * x + 0.0043
R = 1.0000
DL = 2.207
BEC = 21.87

Weight: <None>
Min Conc: 0

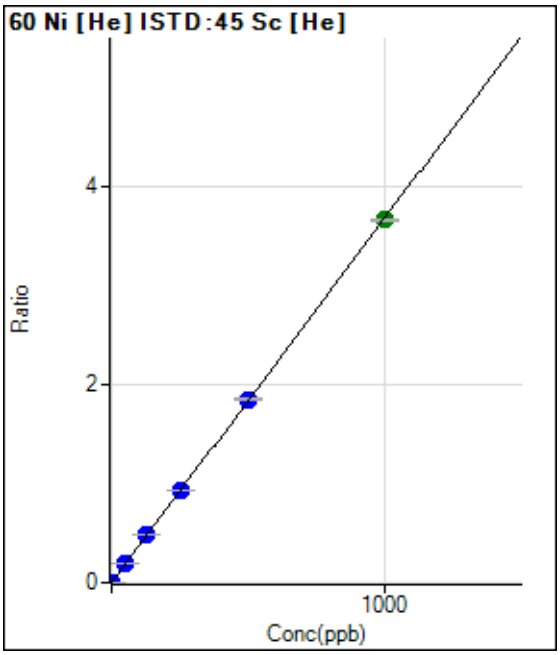


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	254.45	0.0005	P	14.
2	☐	1.000	1.071	8475.79	0.0158	P	1.8
3	☐	50.000	51.973	404344.08	0.7430	P	0.7
4	☐	125.000	131.691	1044776.81	1.8819	P	0.4
5	☐	250.000	254.235	2026282.61	3.6326	A	1.0
6	☐	500.000	503.981	3965347.37	7.2005	A	1.4
7	☐	1000.000	996.015	8147425.85	14.2298	A	0.9
8	☐			22231.00	0.0386	P	0.7

y = 0.0143 * x + 4.7662E-004
R = 1.0000
DL = 0.01443
BEC = 0.03336

Weight: <None>
Min Conc: 0

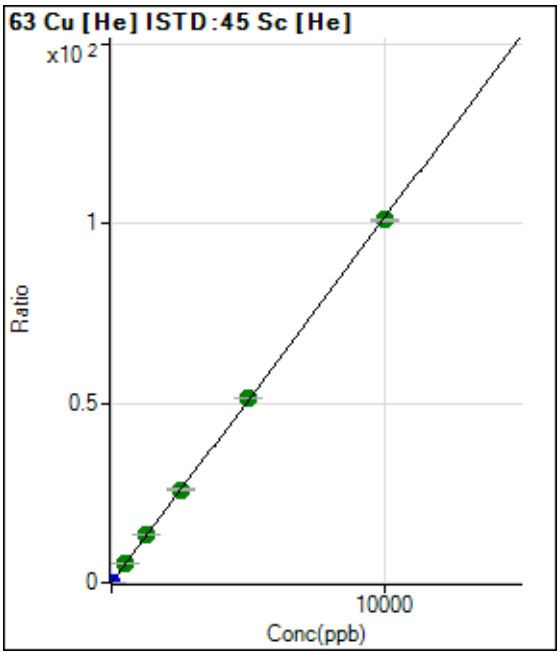
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.34	0.0006	P	8.1
2	☐	1.000	1.092	2492.46	0.0046	P	4.8
3	☐	50.000	51.651	103728.60	0.1906	P	0.3
4	☐	125.000	130.180	266177.78	0.4794	P	0.3
5	☐	250.000	255.350	524250.01	0.9398	P	0.1
6	☐	500.000	503.633	1020509.72	1.8531	P	0.5
7	☐	1000.000	996.116	2098146.51	3.6645	A	0.5
8	☐			8346.84	0.0145	P	1.5

y = 0.0037 * x + 6.2422E-004
R = 1.0000
DL = 0.04138
BEC = 0.1697

Weight: <None>
Min Conc: 0

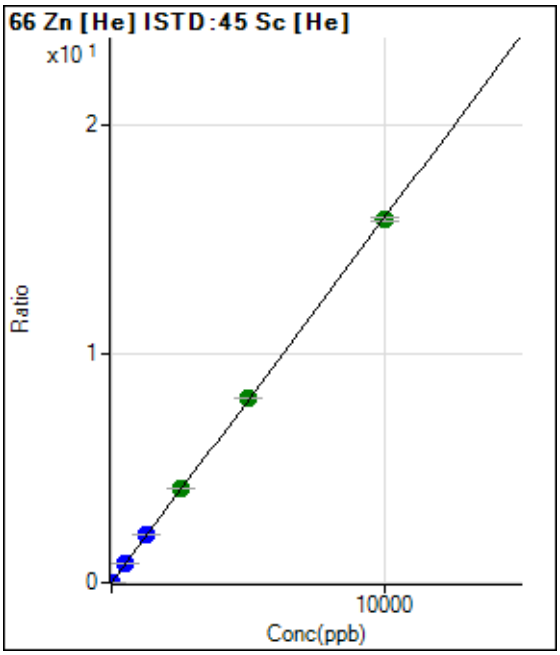


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2143.51	0.0040	P	4.6
2	☐	2.000	2.163	13966.61	0.0260	P	0.8
3	☐	500.000	524.807	2904720.13	5.3376	A	1.2
4	☐	1250.000	1304.324	7361587.74	13.2597	A	0.4
5	☐	2500.000	2555.240	14487515.62	25.9725	A	1.3
6	☐	5000.000	5061.924	28333369.58	51.4476	A	0.4
7	☐	10000.000	9947.197	57884131.36	101.0959	A	0.5
8	☐			13738.61	0.0238	P	1.9

y = 0.0102 * x + 0.0040
R = 0.9999
DL = 0.05403
BEC = 0.3952

Weight: <None>
Min Conc: 0

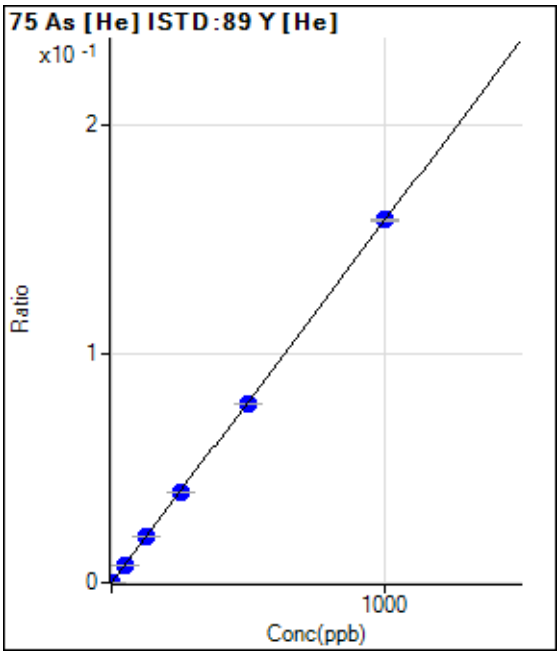
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1235.62	0.0023	P	3.5
2	☐	2.000	6.362	6687.11	0.0125	P	6.3
3	☐	500.000	515.540	448286.69	0.8237	P	0.5
4	☐	1250.000	1317.689	1166908.00	2.1018	P	0.2
5	☐	2500.000	2574.373	2289333.96	4.1041	A	0.2
6	☐	5000.000	5064.034	4444951.57	8.0710	A	0.5
7	☐	10000.000	9940.150	9069627.50	15.8402	A	1.2
8	☐			5397.69	0.0094	P	2.9

y = 0.0016 * x + 0.0023
R = 0.9999
DL = 0.1523
BEC = 1.453

Weight: <None>
Min Conc: 0

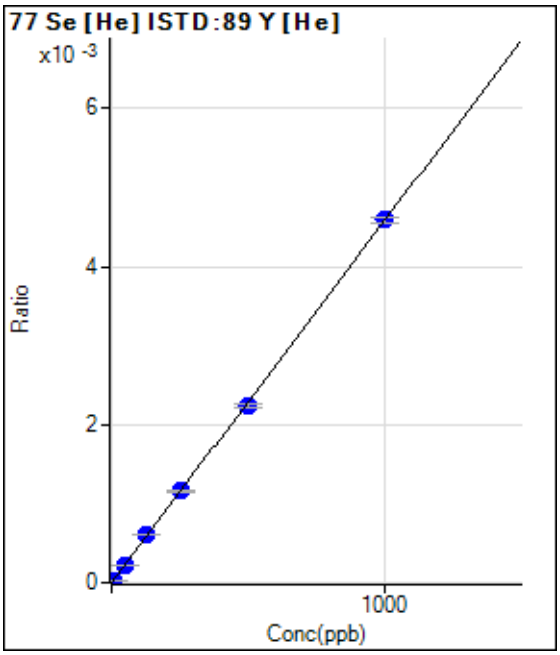


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	56.
2	☐	1.000	0.963	600.02	0.0002	P	9.7
3	☐	50.000	50.020	30826.49	0.0079	P	1.6
4	☐	125.000	126.991	80326.84	0.0201	P	1.4
5	☐	250.000	248.110	159280.51	0.0393	P	0.6
6	☐	500.000	494.984	316388.62	0.0784	P	0.4
7	☐	1000.000	1002.731	654119.26	0.1588	P	0.5
8	☐			404.45	0.0001	P	9.6

y = 1.5841E-004 * x + 2.5561E-006
R = 1.0000
DL = 0.02738
BEC = 0.01614

Weight: <None>
Min Conc: 0

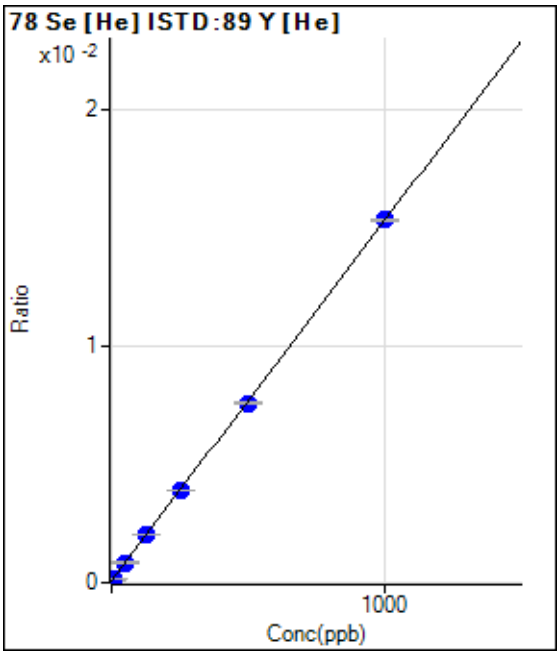
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.961	87.78	0.0000	P	11.
3	☐	50.000	48.428	862.26	0.0002	P	7.8
4	☐	125.000	133.302	2435.78	0.0006	P	1.7
5	☐	250.000	254.311	4716.35	0.0012	P	2.1
6	☐	500.000	490.004	9048.38	0.0022	P	2.1
7	☐	1000.000	1002.961	18902.15	0.0046	P	1.7
8	☐			6.67	0.0000	P	49.

y = 4.5763E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

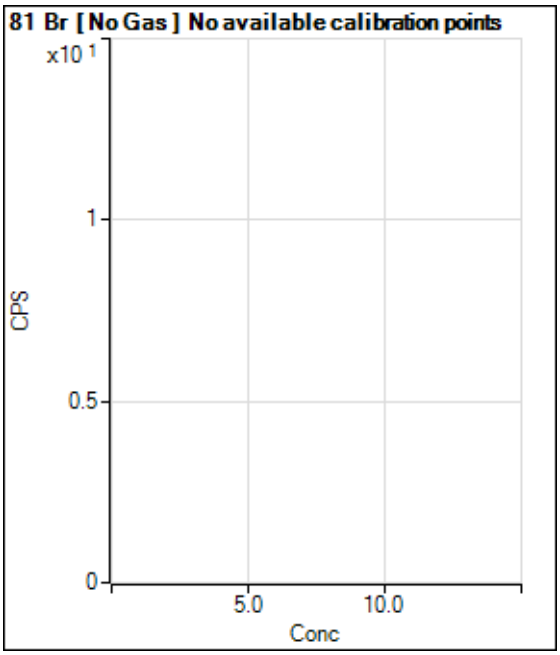


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	346.67	0.0001	P	0.4
2	☐	5.000	4.560	612.24	0.0002	P	3.1
3	☐	50.000	49.246	3259.27	0.0008	P	6.6
4	☐	125.000	128.901	8185.66	0.0021	P	1.6
5	☐	250.000	251.523	15868.60	0.0039	P	1.3
6	☐	500.000	493.595	30661.78	0.0076	P	0.2
7	☐	1000.000	1002.374	63171.65	0.0153	P	0.7
8	☐			377.79	0.0001	P	7.2

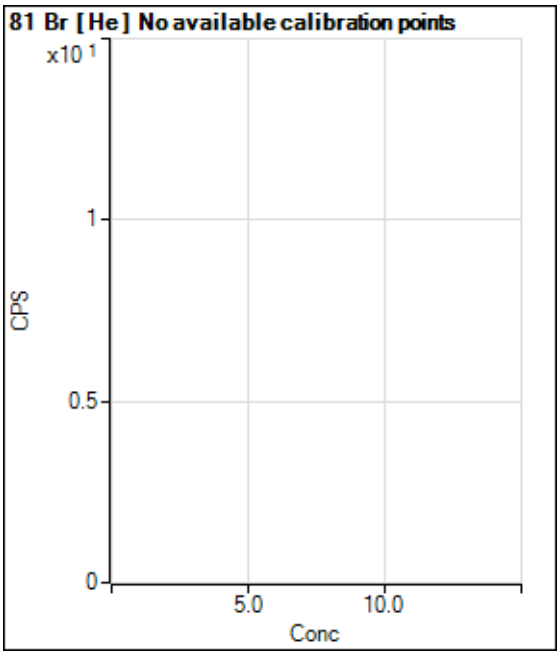
y = 1.5215E-005 * x + 8.8933E-005
R = 1.0000
DL = 0.06142
BEC = 5.845

Weight: <None>
Min Conc: 0

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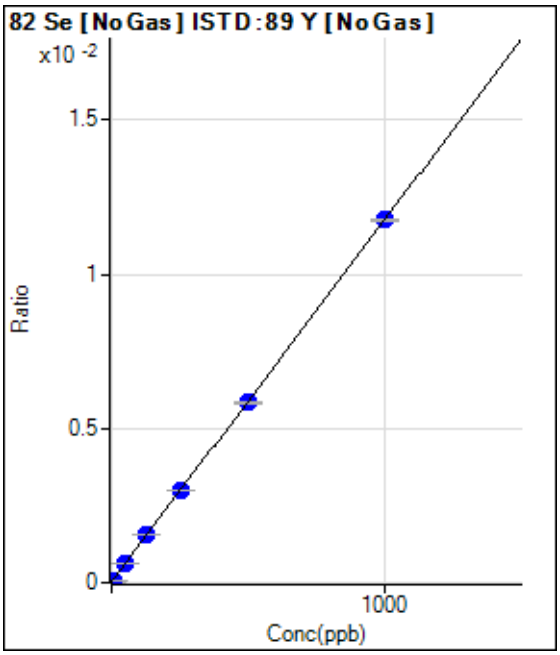


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8877.19		P	0.4
2	☐			8912.77		P	1.0
3	☐			8934.99		P	1.4
4	☐			8802.71		P	1.5
5	☐			9118.44		P	1.3
6	☐			9356.38		P	0.6
7	☐			9549.84		P	1.7
8	☐			10990.83		P	1.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			151.11		P	21.
2	☐			161.11		P	31.
3	☐			135.56		P	10.
4	☐			124.45		P	5.6
5	☐			121.12		P	5.7
6	☐			122.23		P	4.2
7	☐			97.78		P	16.
8	☐			132.23		P	13.

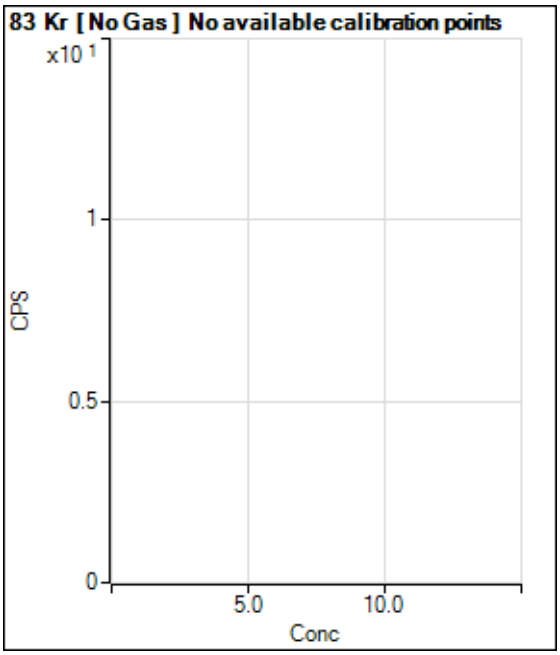
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.52	0.0000	P	17.
2	☐	5.000	5.174	1344.08	0.0001	P	1.4
3	☐	50.000	51.903	9619.95	0.0006	P	2.9
4	☐	125.000	129.786	24169.22	0.0015	P	0.2
5	☐	250.000	252.942	47765.46	0.0030	P	0.8
6	☐	500.000	496.670	94728.47	0.0059	P	1.0
7	☐	1000.000	1000.235	192819.33	0.0118	P	0.8
8	☐			626.12	0.0000	P	4.3

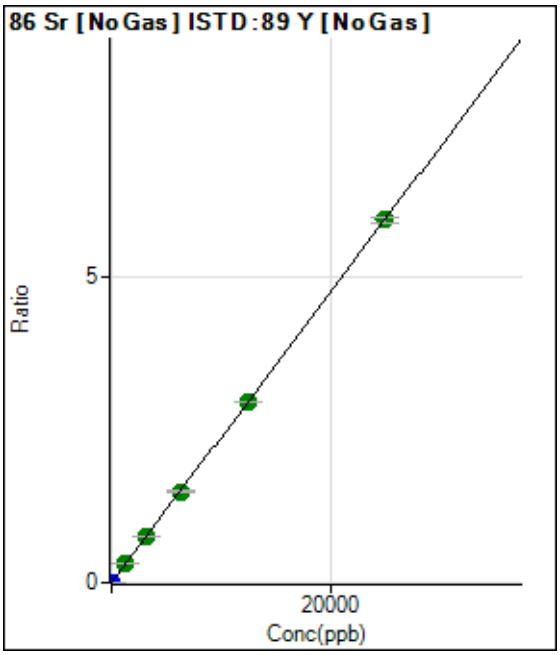
y = 1.1725E-005 * x + 2.7953E-005
R = 1.0000
DL = 1.263
BEC = 2.384

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			287.78		P	4.4
2	☐			303.34		P	6.1
3	☐			308.90		P	17.
4	☐			301.12		P	12.
5	☐			313.34		P	1.8
6	☐			303.34		P	11.
7	☐			324.45		P	4.2
8	☐			386.68		P	7.1

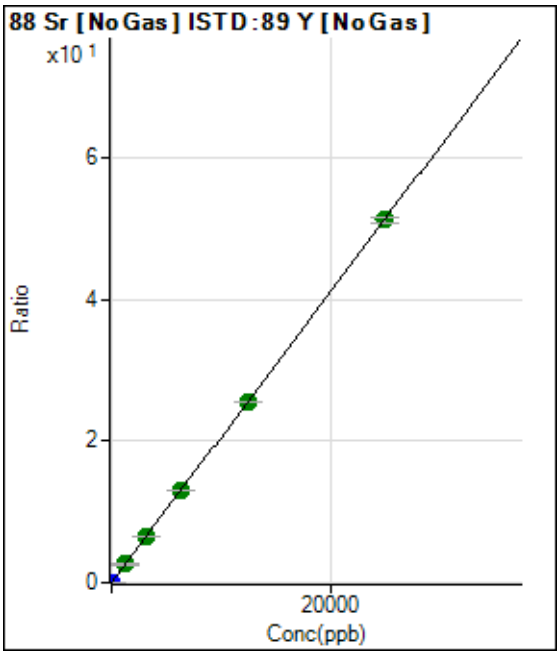
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	553.35	0.0000	P	4.3
2	☐	1.000	0.994	4126.17	0.0003	P	2.3
3	☐	1250.000	1282.437	4589259.72	0.3036	A	2.2
4	☐	3125.000	3168.833	11700305.38	0.7502	A	0.5
5	☐	6250.000	6282.395	23729892.43	1.4872	A	0.8
6	☐	12500.000	12420.379	47598420.40	2.9402	A	0.1
7	☐	25000.000	25024.611	97168781.89	5.9239	A	1.6
8	☐			16820.85	0.0010	P	4.9

y = 2.3672E-004 * x + 3.6641E-005
R = 1.0000
DL = 0.02002
BEC = 0.1548

Weight: <None>
Min Conc: 0

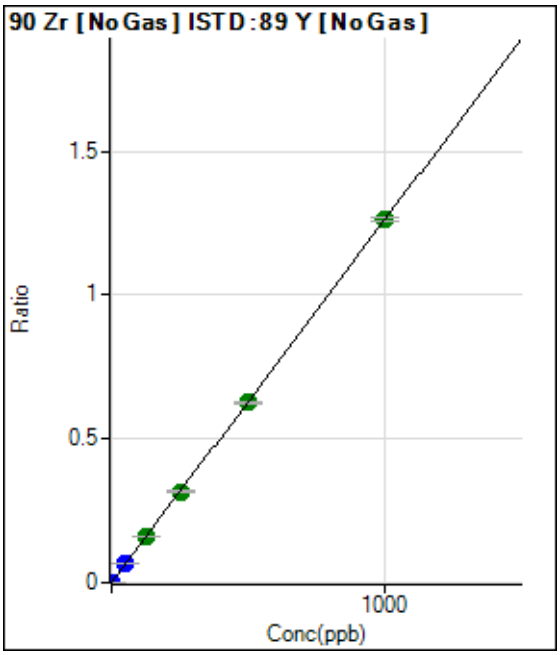


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	896.71	0.0001	P	5.5
2	☐	1.000	0.995	31895.66	0.0021	P	2.5
3	☐	1250.000	1271.952	39480154.14	2.6124	A	3.6
4	☐	3125.000	3193.474	102297465.15	6.5587	A	0.8
5	☐	6250.000	6304.292	206580732.48	12.9477	A	0.2
6	☐	12500.000	12462.805	414352767.16	25.5959	A	0.5
7	☐	25000.000	24995.368	842033000.79	51.3350	A	1.8
8	☐			143407.61	0.0090	P	4.1

y = 0.0021 * x + 5.9366E-005
R = 1.0000
DL = 0.00475
BEC = 0.02891

Weight: <None>
Min Conc: 0

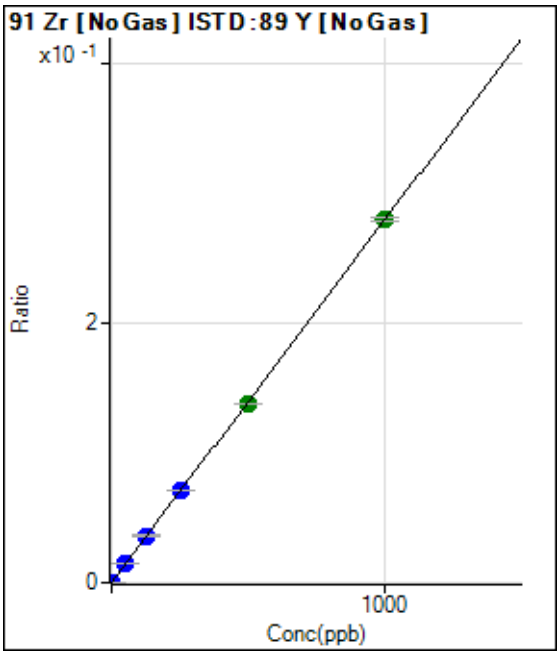
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	750.03	0.0000	P	5.1
2	☐	1.000	0.983	19535.27	0.0013	P	1.6
3	☐	50.000	51.799	987327.97	0.0653	P	3.3
4	☐	125.000	127.726	2511265.13	0.1610	A	0.5
5	☐	250.000	250.458	5037095.97	0.3157	A	1.7
6	☐	500.000	496.837	10137099.16	0.6262	A	0.4
7	☐	1000.000	1001.036	20693260.66	1.2616	A	1.1
8	☐			12835.70	0.0008	P	1.4

y = 0.0013 * x + 4.9664E-005
R = 1.0000
DL = 0.006035
BEC = 0.03941

Weight: <None>
Min Conc: 0

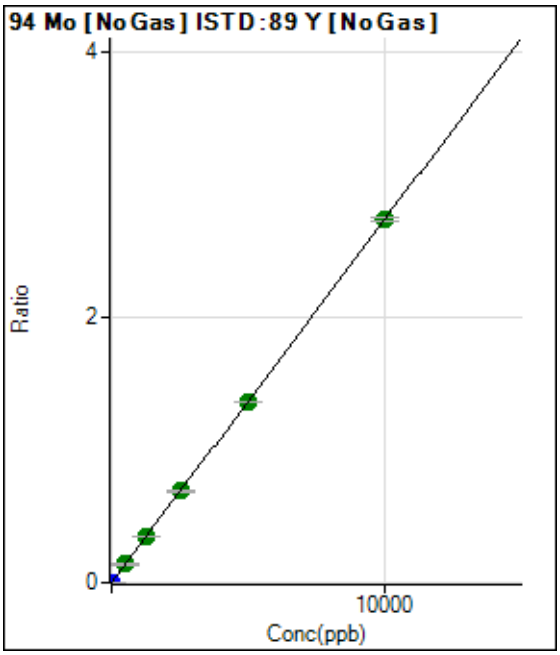


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	173.34	0.0000	P	16.
2	☐	1.000	0.963	4257.32	0.0003	P	2.0
3	☐	50.000	51.825	219233.94	0.0145	P	3.3
4	☐	125.000	129.949	567036.98	0.0364	P	0.8
5	☐	250.000	255.730	1141341.89	0.0715	P	0.4
6	☐	500.000	493.693	2235422.48	0.1381	A	0.1
7	☐	1000.000	1001.011	4592256.01	0.2800	A	1.2
8	☐			2844.75	0.0002	P	6.5

y = 2.7968E-004 * x + 1.1477E-005
R = 0.9999
DL = 0.02006
BEC = 0.04104

Weight: <None>
Min Conc: 0

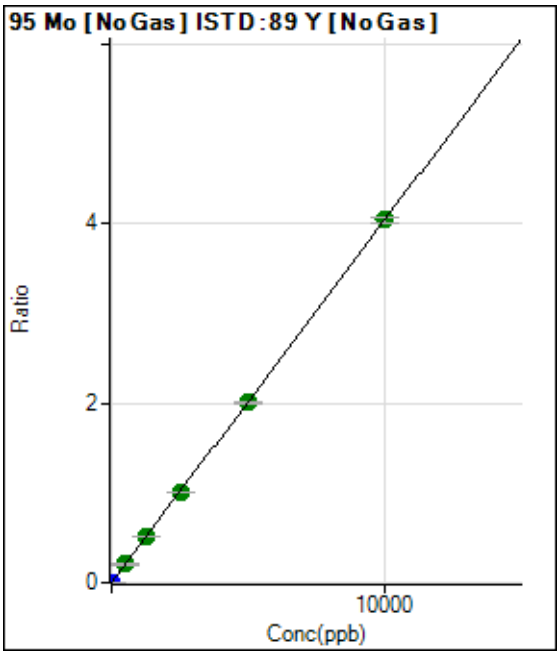
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.45	0.0000	P	5.6
2	☐	5.000	5.348	22466.18	0.0015	P	1.5
3	☐	500.000	509.549	2103518.69	0.1392	A	2.6
4	☐	1250.000	1273.277	5423697.91	0.3477	A	1.3
5	☐	2500.000	2522.439	10991134.00	0.6888	A	0.8
6	☐	5000.000	4986.410	22044511.89	1.3617	A	0.2
7	☐	10000.000	9997.798	44783038.78	2.7302	A	1.2
8	☐			10609.51	0.0007	P	2.9

y = 2.7308E-004 * x + 2.0818E-005
R = 1.0000
DL = 0.01271
BEC = 0.07623

Weight: <None>
Min Conc: 0

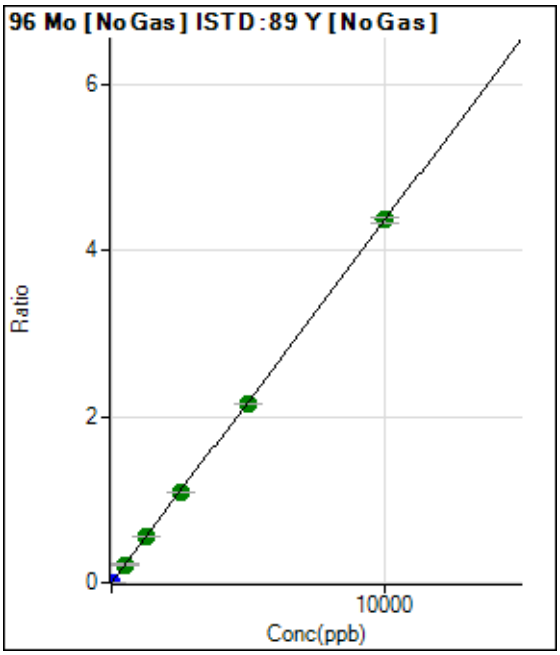


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.56	0.0000	P	10.
2	☐	5.000	4.455	27441.37	0.0018	P	0.6
3	☐	500.000	505.240	3080729.95	0.2038	A	2.9
4	☐	1250.000	1270.335	7993004.05	0.5125	A	1.4
5	☐	2500.000	2504.536	16120236.71	1.0103	A	0.3
6	☐	5000.000	4966.945	32437355.07	2.0037	A	0.9
7	☐	10000.000	10012.590	66251832.35	4.0391	A	1.5
8	☐			10172.49	0.0006	P	1.1

y = 4.0340E-004 * x + 1.2288E-005
R = 1.0000
DL = 0.009311
BEC = 0.03046

Weight: <None>
Min Conc: 0

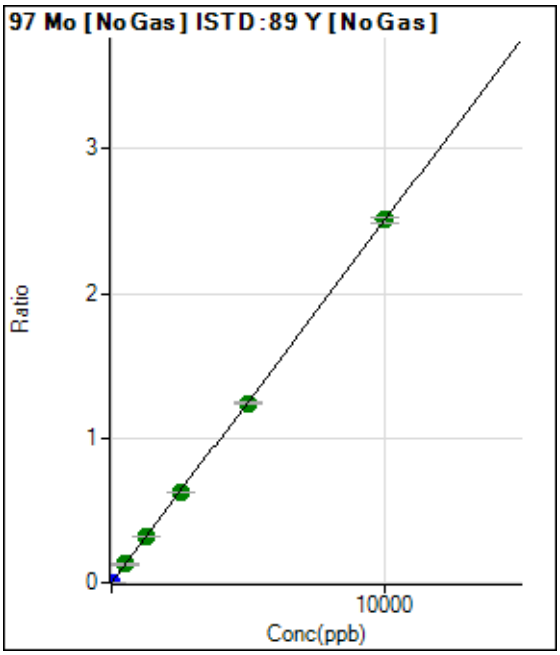
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	248.89	0.0000	P	5.3
2	☐	5.000	4.490	29953.99	0.0020	P	1.8
3	☐	500.000	502.954	3316389.22	0.2194	A	3.0
4	☐	1250.000	1274.384	8670612.65	0.5559	A	1.0
5	☐	2500.000	2512.185	17484917.93	1.0959	A	0.6
6	☐	5000.000	4955.097	34993299.76	2.1616	A	0.3
7	☐	10000.000	10016.210	71669127.27	4.3693	A	1.5
8	☐			20979.58	0.0013	P	2.0

y = 4.3623E-004 * x + 1.6483E-005
R = 1.0000
DL = 0.006018
BEC = 0.03778

Weight: <None>
Min Conc: 0

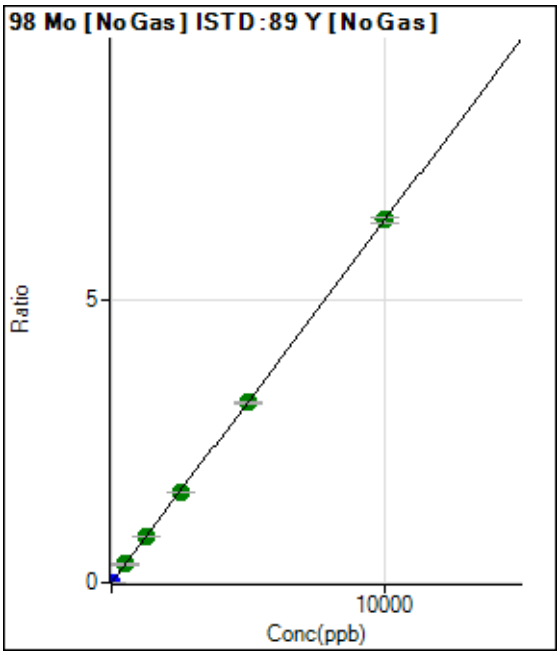


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	39.
2	☐	5.000	4.443	16983.26	0.0011	P	1.4
3	☐	500.000	506.758	1918318.27	0.1269	A	2.2
4	☐	1250.000	1272.321	4969613.71	0.3186	A	0.6
5	☐	2500.000	2489.392	9946880.96	0.6234	A	0.5
6	☐	5000.000	4958.997	20103917.34	1.2419	A	0.8
7	☐	10000.000	10020.026	41158904.11	2.5093	A	1.7
8	☐			6231.39	0.0004	P	4.9

y = 2.5043E-004 * x + 6.9991E-006
R = 1.0000
DL = 0.03287
BEC = 0.02795

Weight: <None>
Min Conc: 0

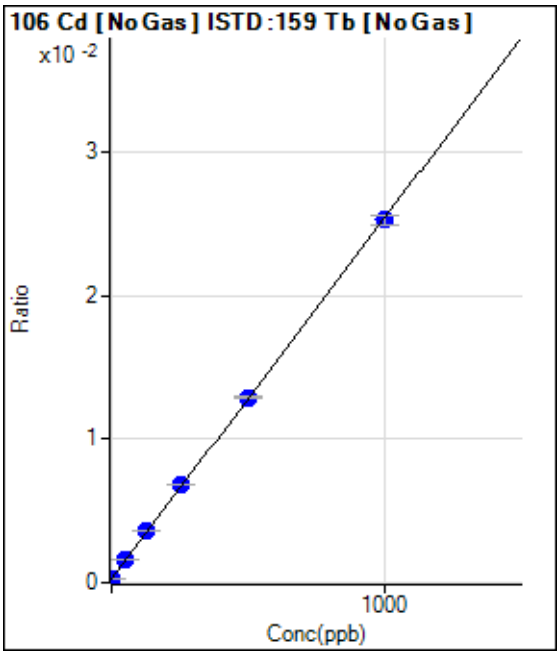
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	245.56	0.0000	P	4.4
2	☐	5.000	4.453	43525.84	0.0029	P	2.2
3	☐	500.000	506.284	4902924.96	0.3244	A	3.3
4	☐	1250.000	1269.963	12691254.81	0.8137	A	0.2
5	☐	2500.000	2500.918	25568613.23	1.6024	A	1.2
6	☐	5000.000	4963.915	51489233.68	3.1805	A	0.6
7	☐	10000.000	10015.004	105254831.77	6.4169	A	1.5
8	☐			15157.96	0.0009	P	5.9

y = 6.4073E-004 * x + 1.6259E-005
R = 1.0000
DL = 0.00333
BEC = 0.02538

Weight: <None>
Min Conc: 0

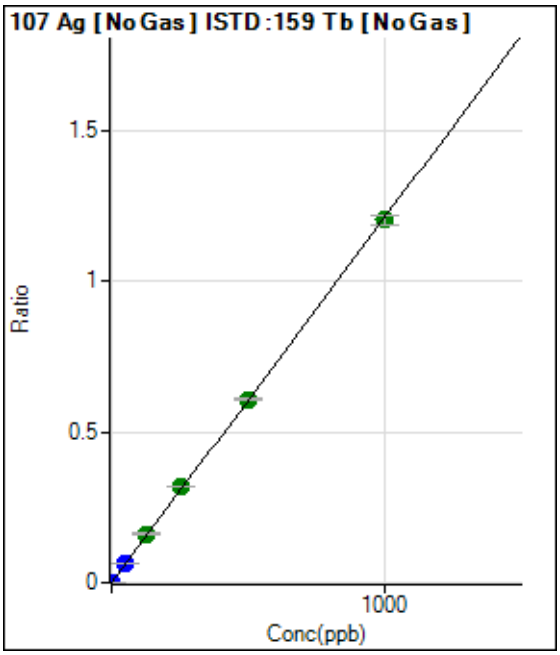


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2840.31	0.0003	P	1.4
2	☐	1.000	1.316	3171.49	0.0003	P	2.3
3	☐	50.000	53.028	17343.75	0.0016	P	1.9
4	☐	125.000	132.175	40271.21	0.0036	P	1.1
5	☐	250.000	259.634	77163.32	0.0068	P	0.3
6	☐	500.000	503.300	152359.35	0.0129	P	0.9
7	☐	1000.000	994.893	303905.77	0.0253	P	2.7
8	☐			3278.18	0.0003	P	2.3

y = 2.5121E-005 * x + 2.5907E-004
R = 0.9999
DL = 0.4327
BEC = 10.31

Weight: <None>
Min Conc: 0

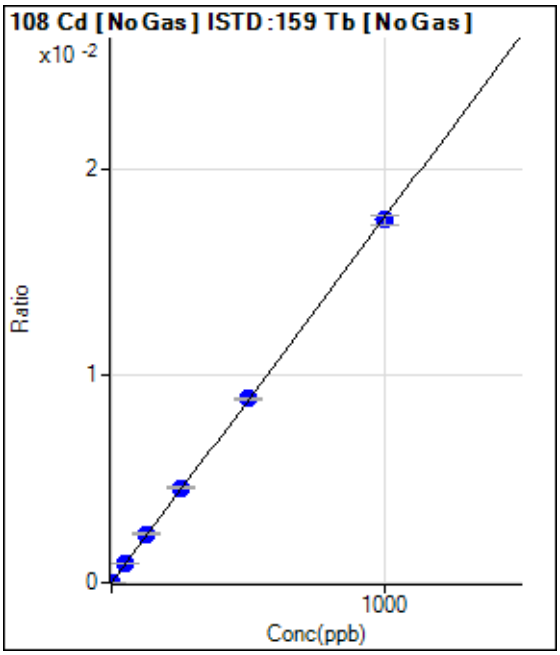
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	24.
2	☐	1.000	0.960	12678.95	0.0012	P	0.7
3	☐	50.000	52.882	698162.87	0.0641	P	3.6
4	☐	125.000	134.049	1827213.92	0.1624	A	0.6
5	☐	250.000	263.882	3637764.36	0.3197	A	0.5
6	☐	500.000	502.275	7186001.70	0.6085	A	0.8
7	☐	1000.000	994.117	14495045.34	1.2044	A	2.4
8	☐			1971.27	0.0002	P	5.3

y = 0.0012 * x + 5.3762E-006
R = 0.9999
DL = 0.003199
BEC = 0.004438

Weight: <None>
Min Conc: 0

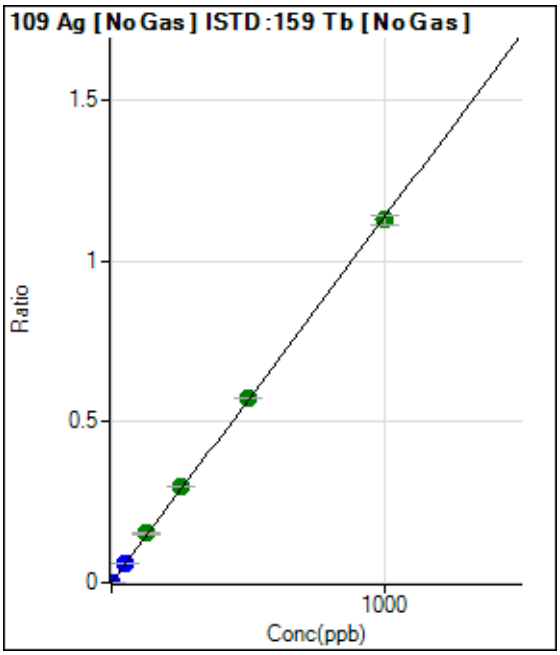


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	32.
2	☐	1.000	0.958	193.34	0.0000	P	13.
3	☐	50.000	51.515	9909.02	0.0009	P	4.1
4	☐	125.000	133.756	26549.91	0.0024	P	1.6
5	☐	250.000	260.700	52323.89	0.0046	P	1.5
6	☐	500.000	504.376	105044.39	0.0089	P	0.5
7	☐	1000.000	993.967	210955.96	0.0175	P	2.8
8	☐			104.45	0.0000	P	6.9

y = 1.7634E-005 * x + 9.1062E-007
R = 0.9999
DL = 0.05049
BEC = 0.05164

Weight: <None>
Min Conc: 0

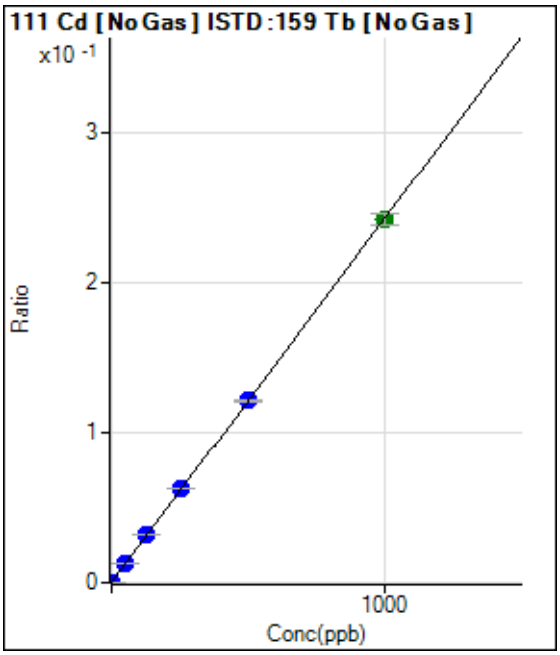
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.
2	☐	1.000	0.978	12092.91	0.0011	P	1.4
3	☐	50.000	52.953	655591.22	0.0602	P	3.7
4	☐	125.000	134.226	1715868.90	0.1525	A	0.1
5	☐	250.000	263.307	3404237.69	0.2992	A	1.5
6	☐	500.000	505.154	6777644.76	0.5739	A	0.4
7	☐	1000.000	992.795	13575087.58	1.1280	A	2.8
8	☐			1862.37	0.0002	P	10.

y = 0.0011 * x + 2.5376E-006
R = 0.9999
DL = 0.002353
BEC = 0.002234

Weight: <None>
Min Conc: 0

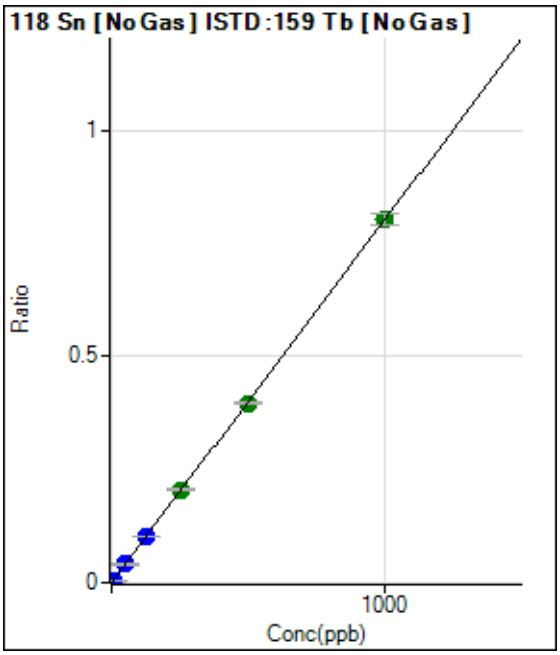


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1991.21	0.0002	P	1.2
2	☐	1.000	1.061	4762.76	0.0004	P	3.0
3	☐	50.000	52.296	140008.26	0.0128	P	3.3
4	☐	125.000	131.272	359771.51	0.0320	P	0.5
5	☐	250.000	258.003	713129.89	0.0627	P	1.0
6	☐	500.000	499.743	1431464.98	0.1212	P	0.6
7	☐	1000.000	997.229	2908822.67	0.2417	A	3.3
8	☐			2719.40	0.0002	P	2.6

y = 2.4220E-004 * x + 1.8162E-004
R = 1.0000
DL = 0.02807
BEC = 0.7499

Weight: <None>
Min Conc: 0

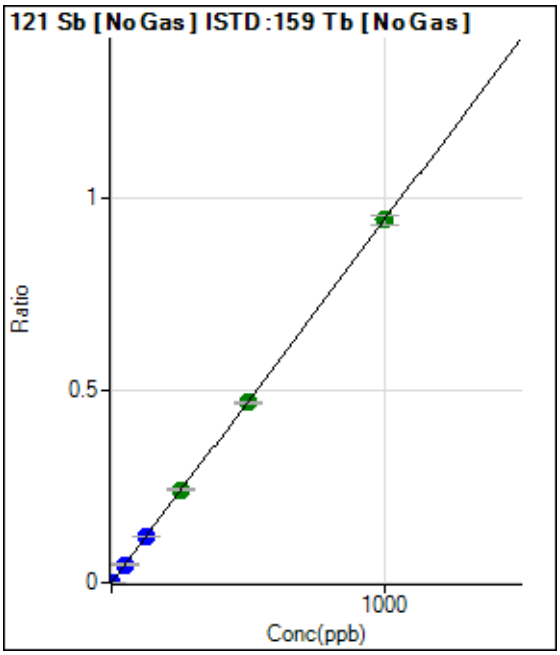
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2125.74	0.0002	P	2.7
2	☐	5.000	4.744	43377.30	0.0040	P	1.5
3	☐	50.000	50.653	444371.35	0.0408	P	3.6
4	☐	125.000	127.622	1152721.21	0.1025	P	1.1
5	☐	250.000	255.605	2332725.12	0.2050	A	2.0
6	☐	500.000	494.725	4683263.89	0.3966	A	1.0
7	☐	1000.000	1000.877	9653769.65	0.8022	A	3.1
8	☐			6280.32	0.0005	P	3.8

y = 8.0126E-004 * x + 1.9392E-004
R = 1.0000
DL = 0.01971
BEC = 0.242

Weight: <None>
Min Conc: 0

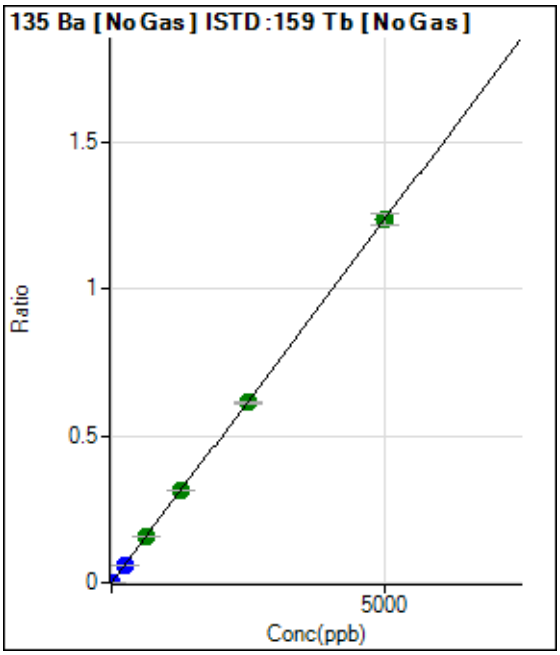


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0000	P	32.
2	☐	2.000	1.980	20346.70	0.0019	P	1.0
3	☐	50.000	50.224	516586.87	0.0474	P	3.6
4	☐	125.000	126.877	1347418.72	0.1198	P	0.9
5	☐	250.000	256.632	2756275.05	0.2422	A	1.4
6	☐	500.000	496.718	5536303.74	0.4688	A	0.8
7	☐	1000.000	999.737	11356370.53	0.9436	A	2.5
8	☐			8252.44	0.0007	P	1.0

y = 9.4383E-004 * x + 4.9710E-006
R = 1.0000
DL = 0.005057
BEC = 0.005267

Weight: <None>
Min Conc: 0

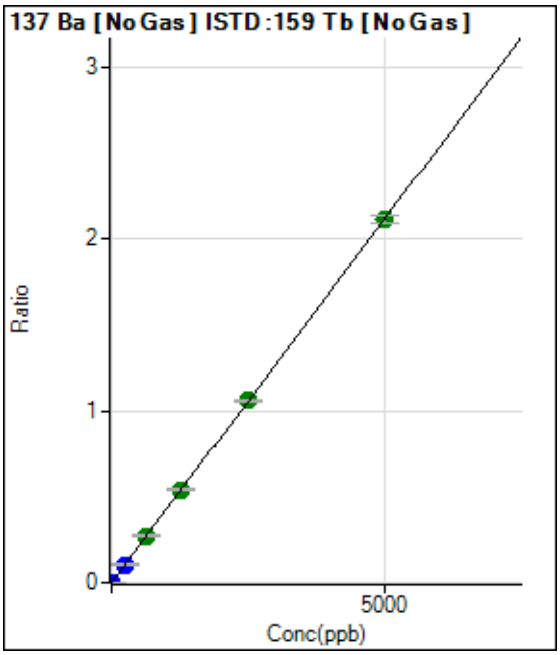
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	16.
2	☐	10.000	9.178	24817.25	0.0023	P	1.3
3	☐	250.000	246.352	664229.83	0.0610	P	3.7
4	☐	625.000	644.355	1793654.00	0.1594	A	1.3
5	☐	1250.000	1276.650	3593802.41	0.3158	A	0.4
6	☐	2500.000	2487.169	7266015.31	0.6153	A	1.3
7	☐	5000.000	4997.518	14878586.72	1.2363	A	3.4
8	☐			6435.95	0.0006	P	2.5

y = 2.4739E-004 * x + 1.5192E-005
R = 1.0000
DL = 0.03084
BEC = 0.06141

Weight: <None>
Min Conc: 0

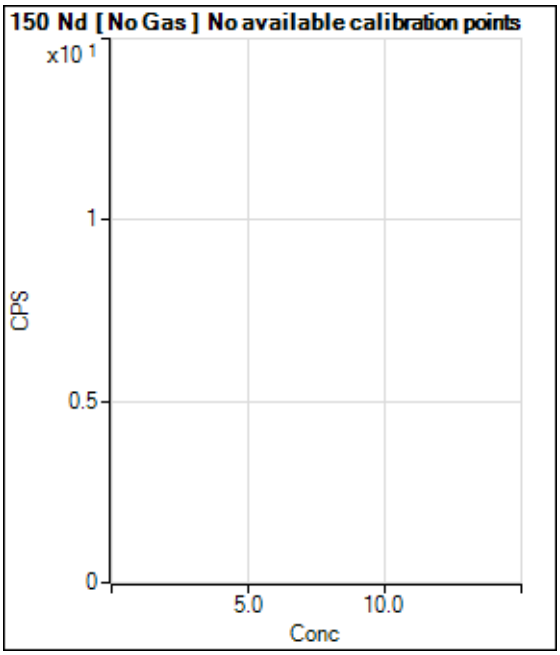


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.34	0.0000	P	16.
2	☐	10.000	9.393	43327.01	0.0040	P	1.6
3	☐	250.000	248.116	1143252.80	0.1049	P	3.4
4	☐	625.000	644.964	3068137.07	0.2727	A	2.2
5	☐	1250.000	1274.133	6129800.88	0.5387	A	2.0
6	☐	2500.000	2501.775	12489895.64	1.0577	A	1.5
7	☐	5000.000	4990.679	25394765.73	2.1099	A	2.0
8	☐			10882.04	0.0009	P	2.1

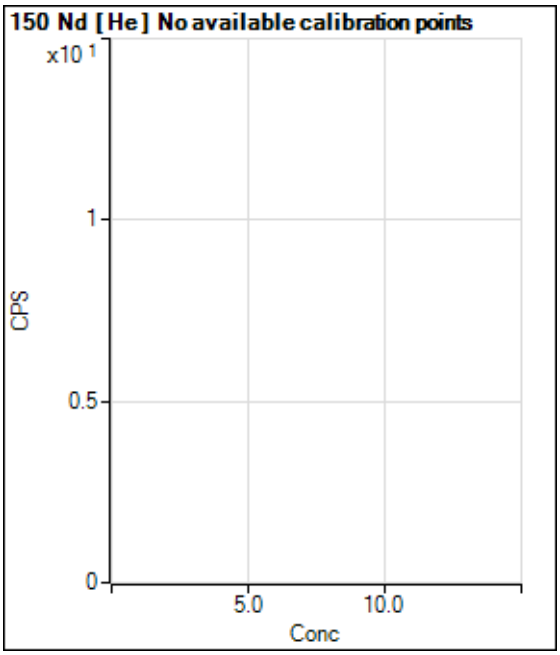
y = 4.2276E-004 * x + 1.9442E-005
R = 1.0000
DL = 0.02295
BEC = 0.04599

Weight: <None>
Min Conc: 0

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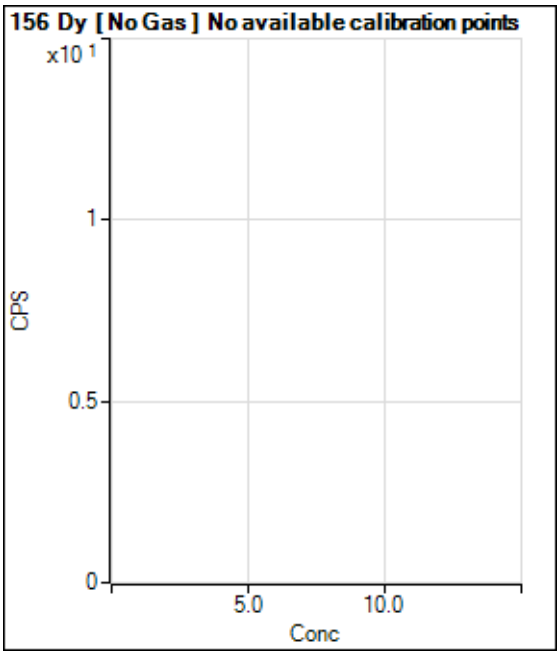


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	69.
2	☐			8.89		P	57.
3	☐			35.56		P	28.
4	☐			98.89		P	20.
5	☐			131.11		P	3.9
6	☐			304.45		P	24.
7	☐			568.91		P	5.8
8	☐			214.45		P	12.

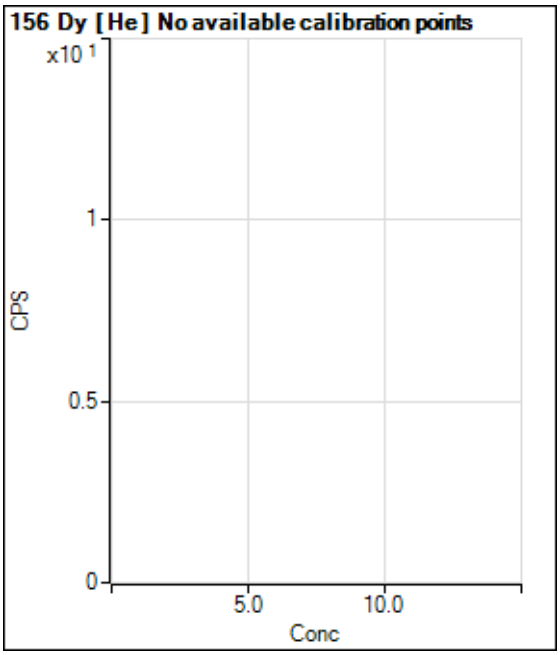


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.
2	☐			7.78		P	24.
3	☐			10.00		P	57.
4	☐			17.78		P	10.
5	☐			41.11		P	12.
6	☐			80.00		P	36.
7	☐			148.89		P	32.
8	☐			137.78		P	3.7

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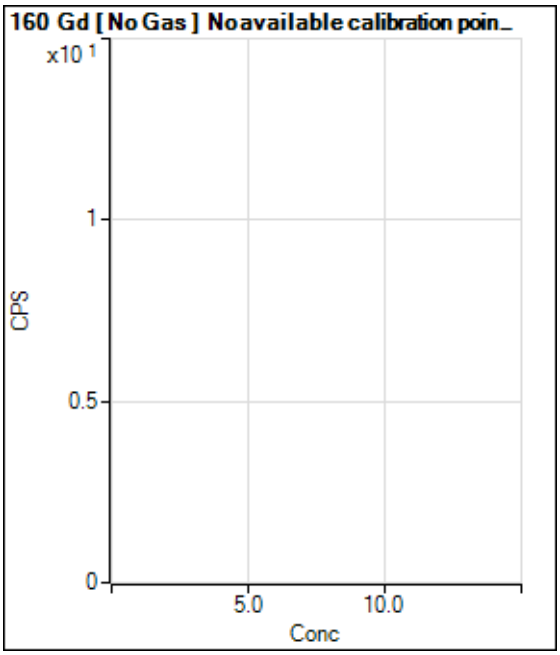


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			904.48		P	5.7
2	☐			888.93		P	8.1
3	☐			970.04		P	3.7
4	☐			1051.16		P	7.9
5	☐			1160.06		P	7.3
6	☐			1236.73		P	3.5
7	☐			1393.42		P	3.5
8	☐			1376.75		P	4.0

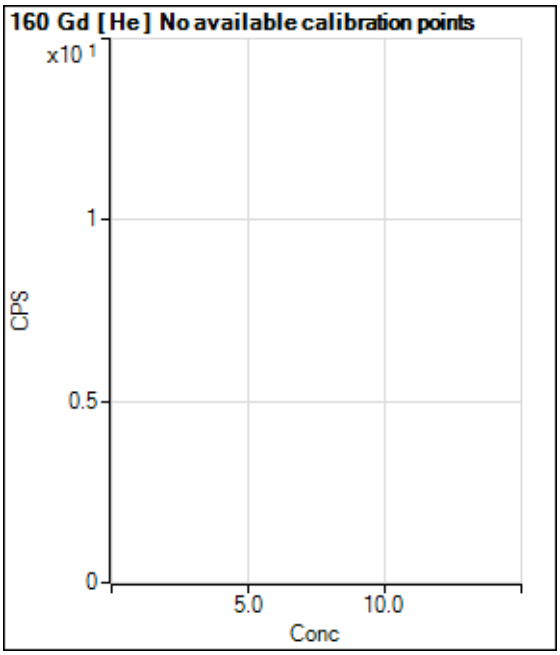


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			200.01		P	23.
2	☐			212.23		P	0.9
3	☐			234.45		P	7.8
4	☐			312.23		P	7.1
5	☐			423.34		P	2.1
6	☐			533.35		P	6.3
7	☐			828.92		P	1.8
8	☐			552.24		P	6.3

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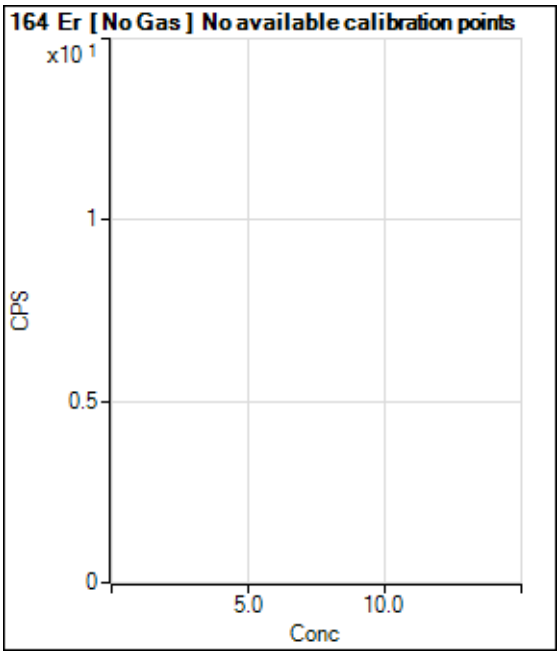


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47.78		P	40.
2	☐			44.45		P	15.
3	☐			64.44		P	15.
4	☐			61.11		P	36.
5	☐			80.00		P	32.
6	☐			113.33		P	33.
7	☐			154.45		P	28.
8	☐			425.57		P	10.

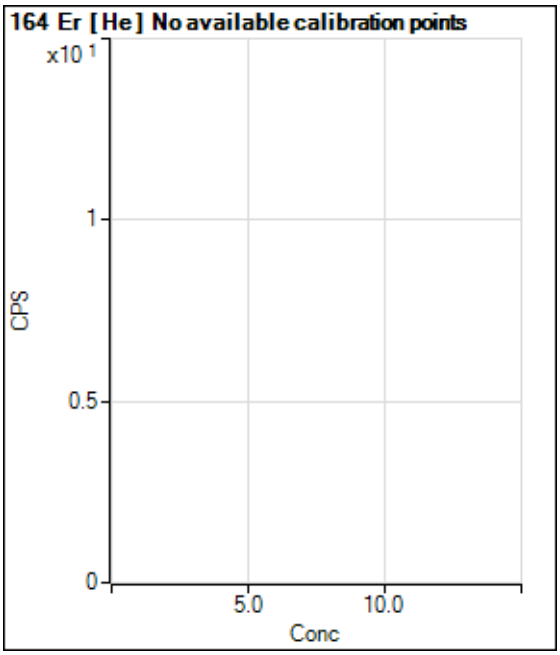


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			275.56		P	4.6
2	☐			285.56		P	12.
3	☐			311.12		P	14.
4	☐			314.45		P	8.0
5	☐			332.23		P	3.1
6	☐			312.23		P	9.7
7	☐			416.68		P	8.5
8	☐			532.24		P	12.

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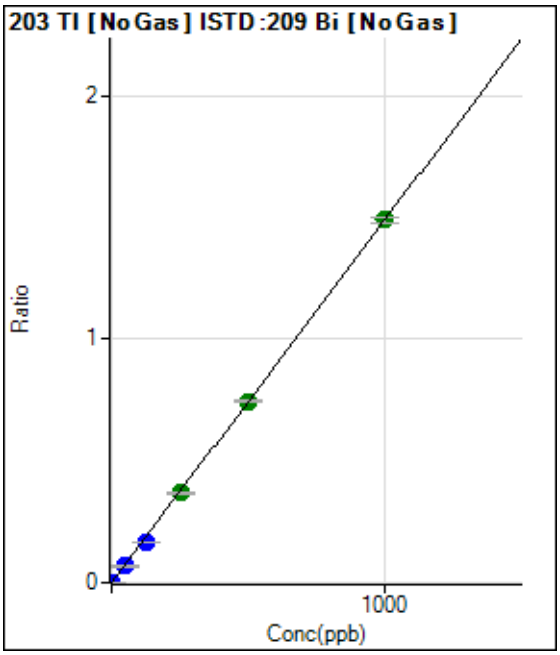


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			76.67		P	31.
2	☐			67.78		P	17.
3	☐			94.45		P	8.9
4	☐			88.89		P	2.2
5	☐			115.56		P	13.
6	☐			153.34		P	10.
7	☐			216.67		P	5.5
8	☐			508.91		P	1.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			50.00		P	6.7
2	☐			60.00		P	14.
3	☐			58.89		P	43.
4	☐			84.44		P	14.
5	☐			65.55		P	16.
6	☐			76.67		P	18.
7	☐			158.89		P	5.3
8	☐			356.68		P	6.5

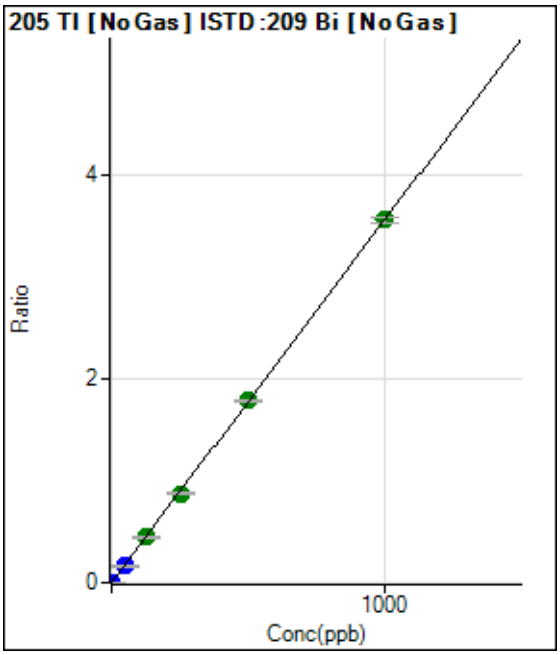
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.90	0.0001	P	1.6
2	☐	1.000	0.859	8672.84	0.0013	P	0.6
3	☐	50.000	45.473	436754.38	0.0677	P	3.8
4	☐	125.000	113.666	1145017.21	0.1691	P	0.1
5	☐	250.000	247.766	2520009.31	0.3685	A	2.2
6	☐	500.000	501.574	5134084.16	0.7460	A	1.3
7	☐	1000.000	1001.415	10463536.30	1.4894	A	1.4
8	☐			1440.09	0.0002	P	10.

y = 0.0015 * x + 5.1539E-005
R = 0.9999
DL = 0.001646
BEC = 0.03465

Weight: <None>
Min Conc: 0

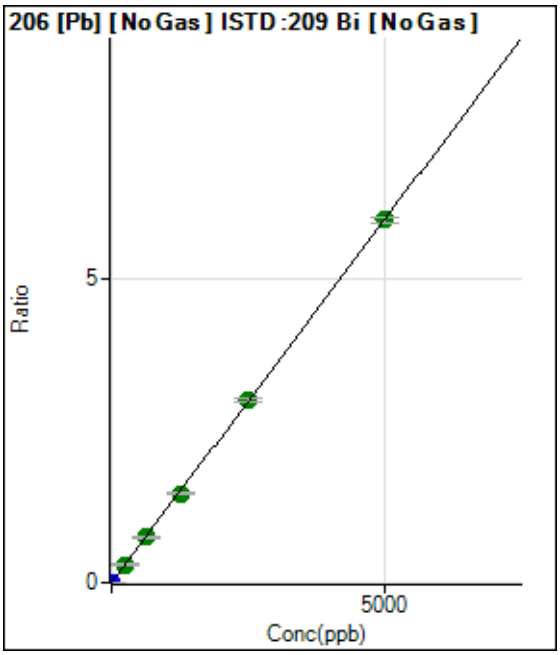


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	835.59	0.0001	P	2.8
2	☐	1.000	0.858	20741.49	0.0032	P	1.1
3	☐	50.000	45.763	1051048.52	0.1629	P	4.3
4	☐	125.000	124.847	3007740.93	0.4442	A	1.1
5	☐	250.000	244.732	5952372.48	0.8705	A	2.6
6	☐	500.000	501.427	12274006.90	1.7835	A	1.2
7	☐	1000.000	1000.835	25006949.07	3.5597	A	1.7
8	☐			3394.90	0.0006	P	11.

y = 0.0036 * x + 1.2711E-004
R = 1.0000
DL = 0.00295
BEC = 0.03574

Weight: <None>
Min Conc: 0

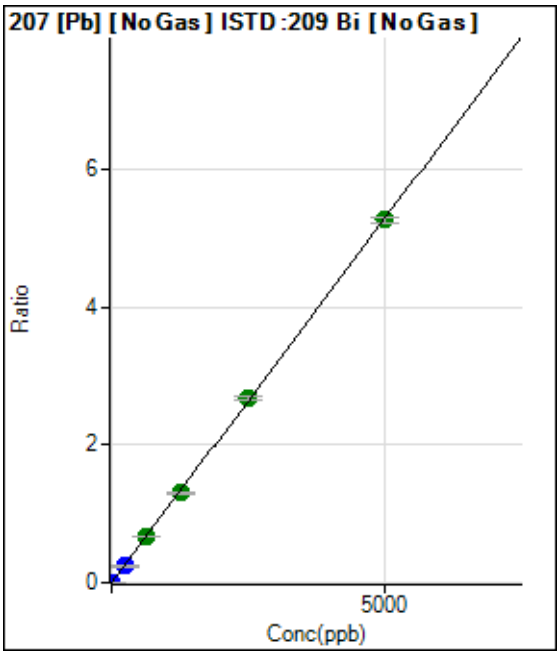
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.46	0.0001	P	9.3
2	☐	1.000	0.878	7279.79	0.0011	P	4.5
3	☐	250.000	248.769	1915749.15	0.2969	A	5.4
4	☐	625.000	623.516	5039861.04	0.7442	A	2.6
5	☐	1250.000	1224.968	9996131.45	1.4619	A	2.7
6	☐	2500.000	2514.021	20648267.75	3.0003	A	2.4
7	☐	5000.000	4999.495	41916139.93	5.9664	A	1.2
8	☐			7419.87	0.0012	P	4.9

y = 0.0012 * x + 6.7646E-005
R = 1.0000
DL = 0.01575
BEC = 0.05668

Weight: <None>
Min Conc: 0

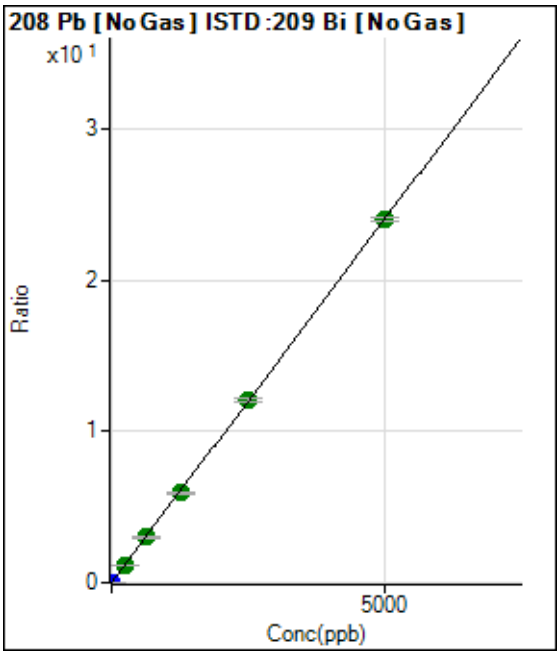


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.45	0.0001	P	6.8
2	☐	1.000	0.880	6417.13	0.0010	P	1.4
3	☐	250.000	228.915	1558258.47	0.2415	P	4.2
4	☐	625.000	624.026	4457144.52	0.6582	A	0.8
5	☐	1250.000	1239.325	8937956.67	1.3072	A	2.3
6	☐	2500.000	2531.894	18377974.17	2.6704	A	1.7
7	☐	5000.000	4987.898	36959287.50	5.2608	A	1.4
8	☐			6448.26	0.0010	P	4.1

y = 0.0011 * x + 5.5370E-005
R = 1.0000
DL = 0.01079
BEC = 0.0525

Weight: <None>
Min Conc: 0

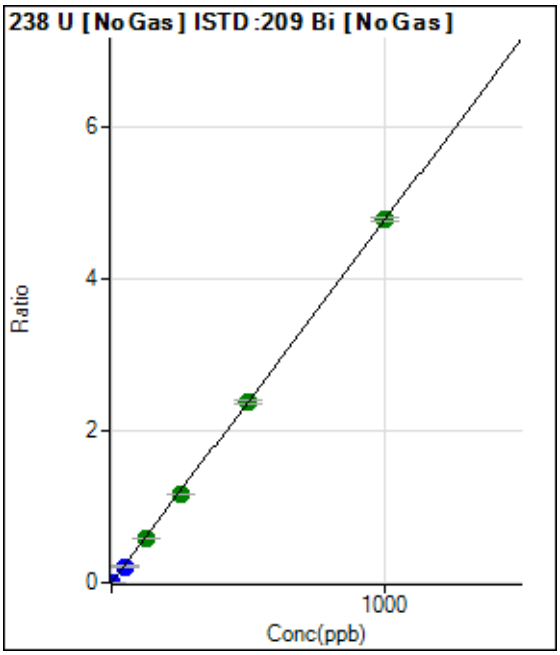
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1776.73	0.0003	P	1.8
2	☐	1.000	0.864	28837.68	0.0044	P	0.6
3	☐	250.000	244.638	7582658.05	1.1751	A	4.2
4	☐	625.000	622.831	20256274.77	2.9913	A	1.3
5	☐	1250.000	1236.926	40618958.63	5.9405	A	2.3
6	☐	2500.000	2518.627	83242558.48	12.0957	A	1.6
7	☐	5000.000	4994.494	168516353.88	23.9857	A	1.0
8	☐			29111.28	0.0047	P	3.0

y = 0.0048 * x + 2.7022E-004
R = 1.0000
DL = 0.003106
BEC = 0.05627

Weight: <None>
Min Conc: 0

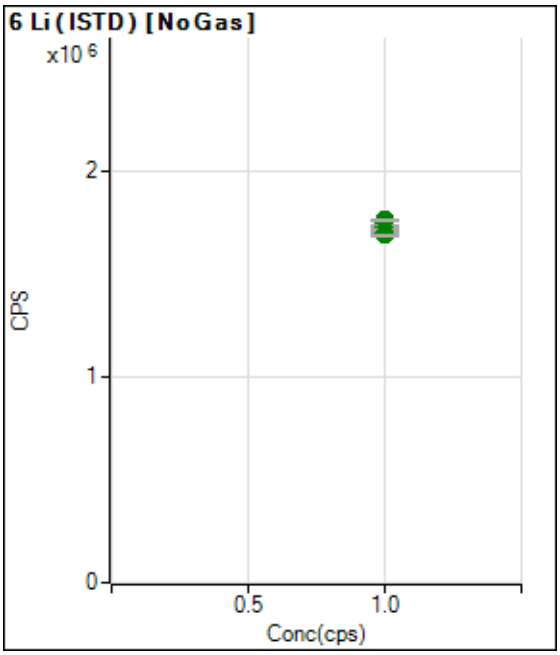


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	142.22	0.0000	P	12.
2	☐	1.000	0.841	26333.81	0.0040	P	1.1
3	☐	50.000	44.231	1361841.11	0.2110	P	4.2
4	☐	125.000	123.670	3995538.76	0.5900	A	0.8
5	☐	250.000	243.958	7959163.21	1.1639	A	1.8
6	☐	500.000	500.934	16447323.09	2.3899	A	1.9
7	☐	1000.000	1001.498	33568309.22	4.7781	A	1.0
8	☐			1852.37	0.0003	P	9.1

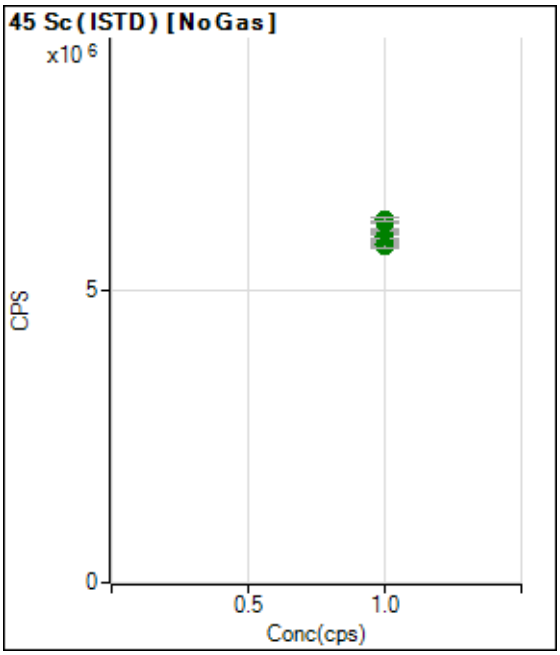
y = 0.0048 * x + 2.1659E-005
R = 1.0000
DL = 0.001748
BEC = 0.00454

Weight: <None>
Min Conc: 0

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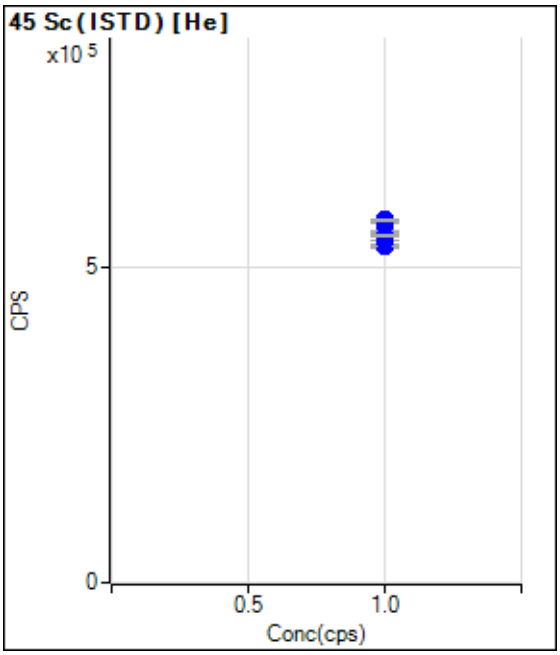


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1704808.10		A	0.3
2	☐	1.000		1711129.31		A	1.1
3	☐	1.000		1705708.05		A	3.1
4	☐	1.000		1724907.54		A	1.7
5	☐	1.000		1748353.36		A	1.6
6	☐	1.000		1729200.29		A	1.1
7	☐	1.000		1764449.35		A	0.6
8	☐	1.000		1689504.94		A	0.6

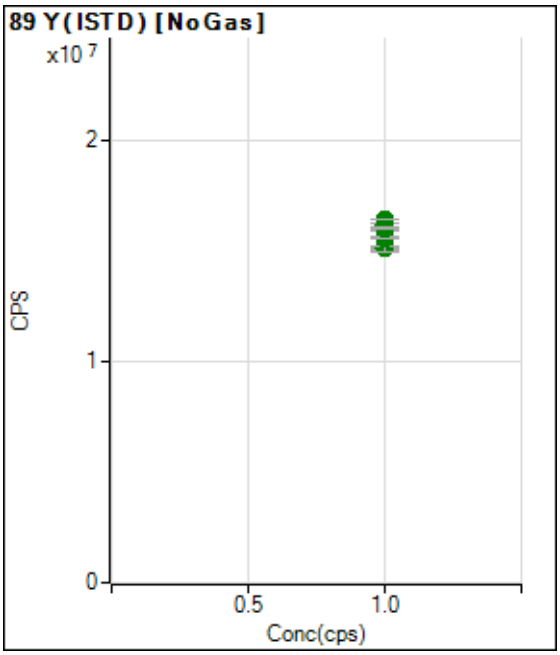


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5780840.40		A	1.2
2	☐	1.000		5759011.09		A	0.9
3	☐	1.000		5780854.36		A	2.0
4	☐	1.000		5902070.88		A	1.0
5	☐	1.000		5995548.80		A	0.3
6	☐	1.000		6028878.66		A	0.7
7	☐	1.000		6153103.45		A	0.3
8	☐	1.000		6194426.09		A	1.0

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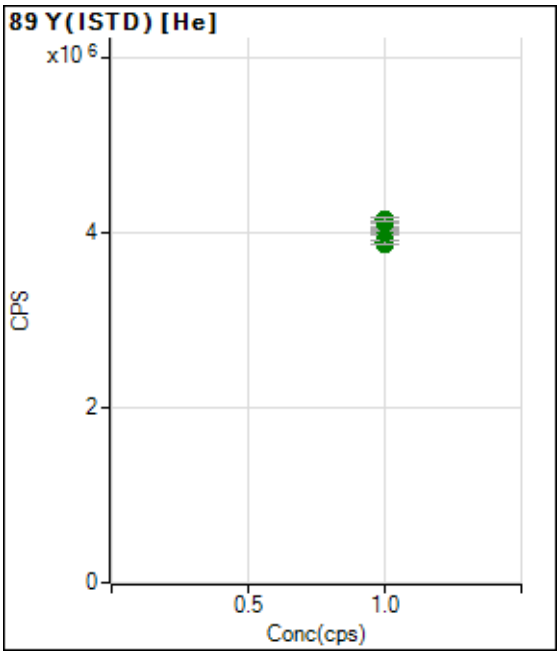


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		533844.86		P	0.6
2	☐	1.000		537168.39		P	0.5
3	☐	1.000		544213.46		P	0.2
4	☐	1.000		555184.85		P	0.3
5	☐	1.000		557809.67		P	0.2
6	☐	1.000		550731.46		P	0.7
7	☐	1.000		572564.05		P	0.2
8	☐	1.000		576506.35		P	0.3

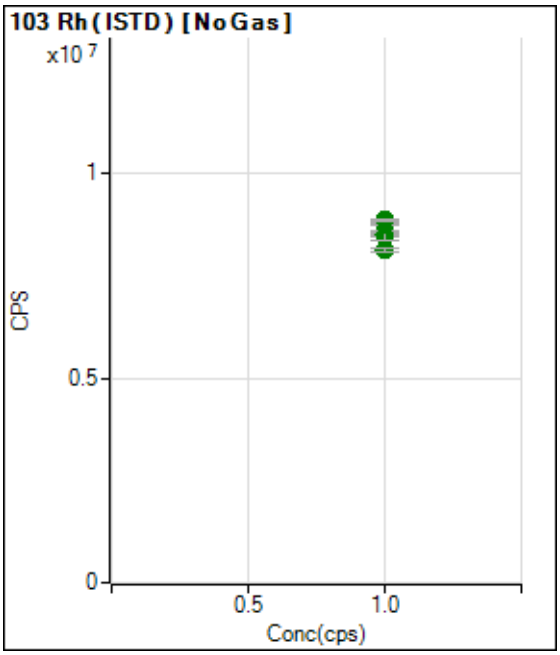


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15099982.97		A	0.9
2	☐	1.000		15167038.11		A	0.1
3	☐	1.000		15119039.64		A	1.8
4	☐	1.000		15596432.82		A	0.8
5	☐	1.000		15955017.26		A	0.9
6	☐	1.000		16188689.90		A	0.8
7	☐	1.000		16402631.98		A	0.1
8	☐	1.000		16020556.57		A	0.4

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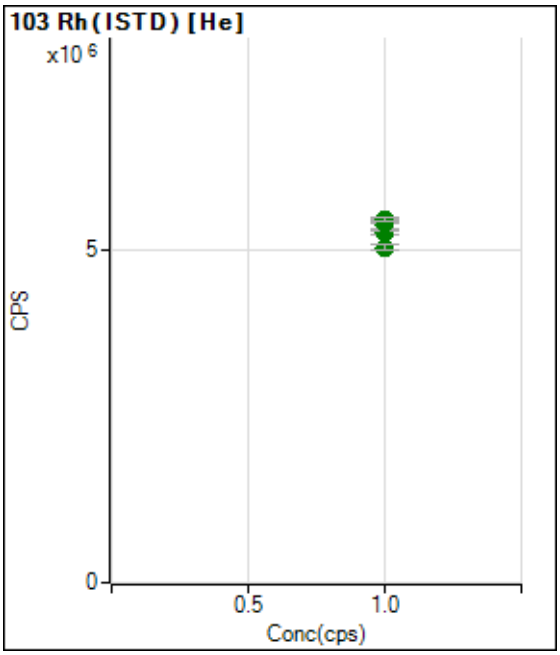


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1	☐	1.000		3898177.62		A	1.1
2	☐	1.000		3867100.64		A	0.2
3	☐	1.000		3889543.03		A	0.8
4	☐	1.000		3992674.94		A	0.5
5	☐	1.000		4052438.06		A	0.4
6	☐	1.000		4034897.09		A	0.4
7	☐	1.000		4118069.90		A	0.6
8	☐	1.000		4145419.21		A	1.2

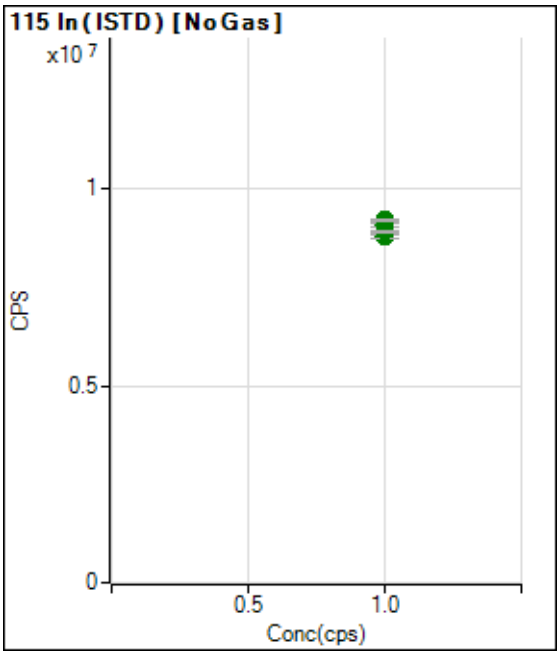


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1	☐	1.000		8515670.22		A	1.1
2	☐	1.000		8475568.27		A	1.0
3	☐	1.000		8492931.89		A	2.8
4	☐	1.000		8734754.73		A	0.2
5	☐	1.000		8766505.22		A	0.4
6	☐	1.000		8731070.22		A	0.4
7	☐	1.000		8862464.87		A	0.5
8	☐	1.000		8126300.02		A	1.1

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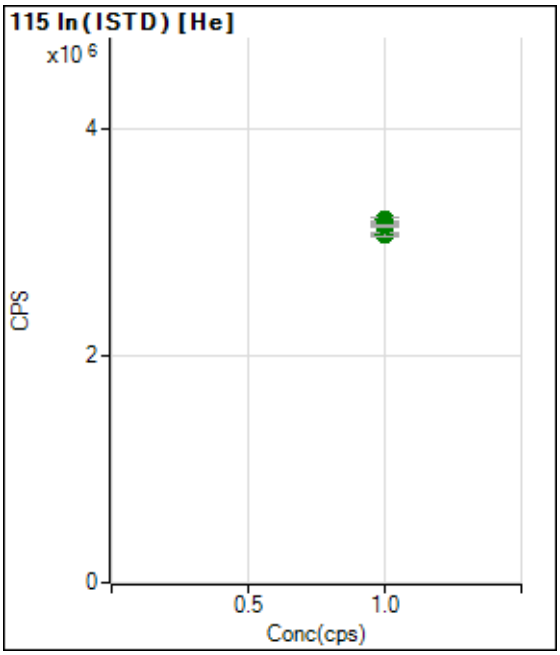


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5357786.76		A	1.3
2	☐	1.000		5261733.67		A	1.0
3	☐	1.000		5288343.57		A	0.8
4	☐	1.000		5414936.66		A	0.9
5	☐	1.000		5437780.13		A	0.6
6	☐	1.000		5397526.03		A	0.3
7	☐	1.000		5445716.45		A	1.2
8	☐	1.000		5035449.99		A	1.4

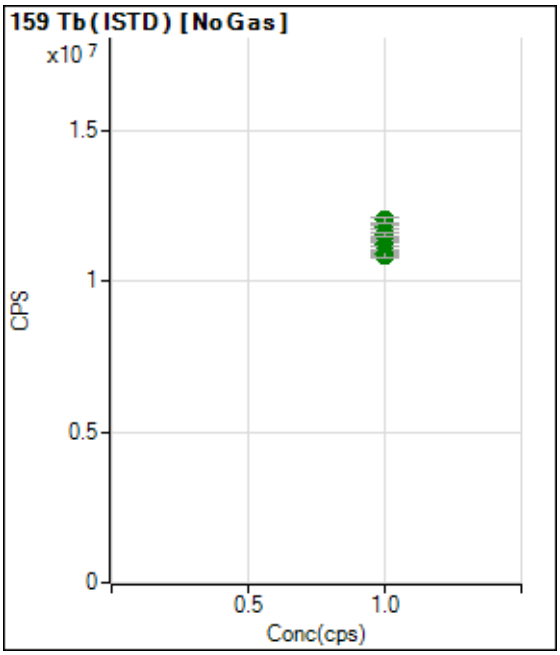


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1	☐	1.000		8878797.81		A	0.6
2	☐	1.000		8793832.24		A	1.1
3	☐	1.000		8791956.93		A	1.8
4	☐	1.000		9069013.63		A	0.8
5	☐	1.000		9072638.82		A	1.4
6	☐	1.000		9166716.84		A	0.4
7	☐	1.000		9206353.47		A	0.5
8	☐	1.000		8912923.17		A	0.4

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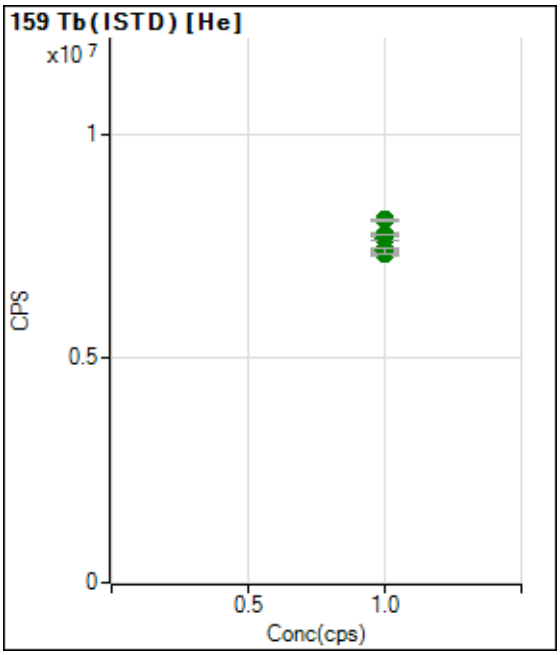


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3057000.99		A	0.3
2	☐	1.000		3072235.72		A	0.7
3	☐	1.000		3068590.12		A	1.4
4	☐	1.000		3169530.57		A	1.1
5	☐	1.000		3194761.62		A	1.2
6	☐	1.000		3142468.06		A	1.1
7	☐	1.000		3170586.20		A	0.6
8	☐	1.000		3142365.37		A	0.9

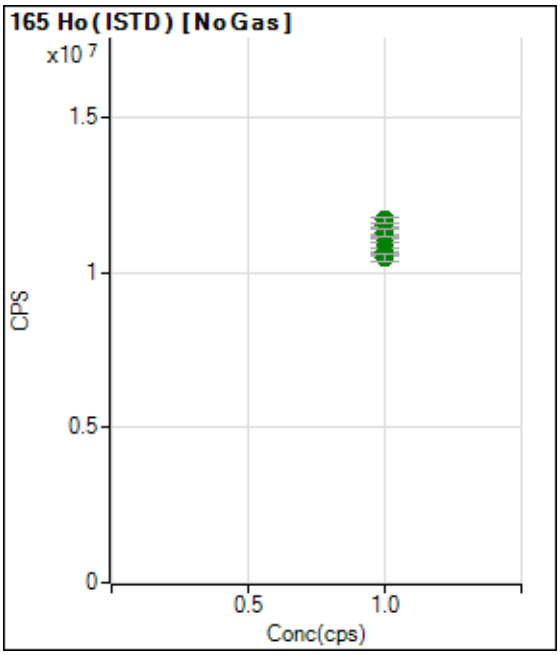


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10963545.67		A	0.8
2	☐	1.000		10856974.00		A	0.4
3	☐	1.000		10902627.13		A	2.4
4	☐	1.000		11251447.33		A	1.2
5	☐	1.000		11378692.89		A	0.6
6	☐	1.000		11809186.77		A	1.0
7	☐	1.000		12038234.82		A	1.5
8	☐	1.000		11575901.63		A	1.1

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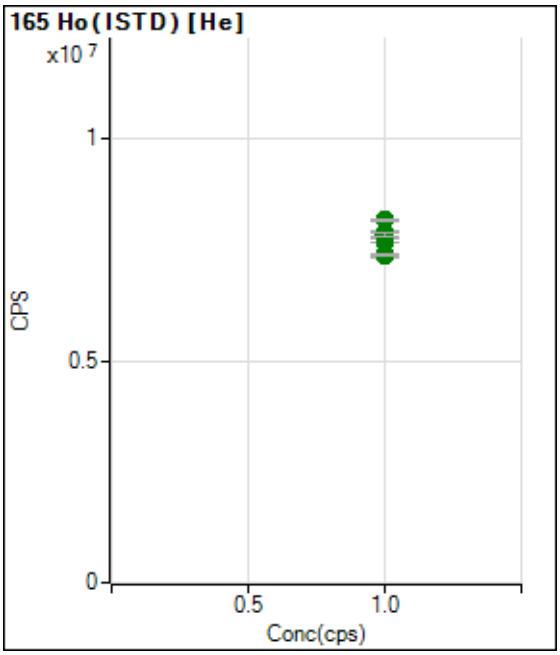


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7406518.71		A	0.5
2	☐	1.000		7321809.41		A	0.9
3	☐	1.000		7411851.28		A	1.9
4	☐	1.000		7682797.25		A	1.0
5	☐	1.000		7780387.59		A	0.9
6	☐	1.000		7775636.97		A	1.3
7	☐	1.000		8089600.99		A	0.3
8	☐	1.000		7763275.51		A	0.2

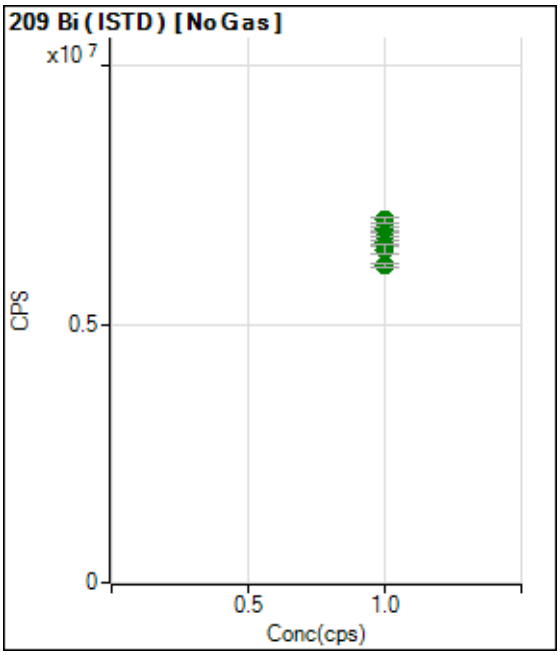


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10595088.11		A	1.6
2	☐	1.000		10684557.13		A	1.7
3	☐	1.000		10483334.36		A	2.1
4	☐	1.000		10970775.25		A	0.3
5	☐	1.000		11164703.17		A	1.3
6	☐	1.000		11544438.02		A	1.0
7	☐	1.000		11699585.66		A	1.3
8	☐	1.000		11267179.69		A	2.1

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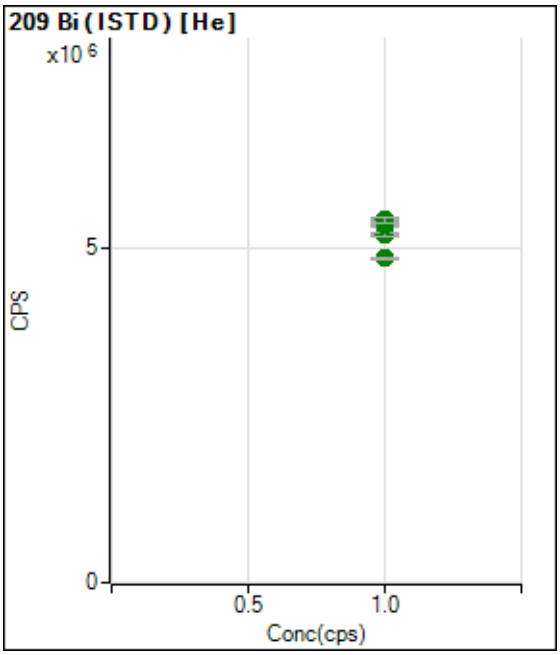


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7363712.67		A	0.9
2	☐	1.000		7408231.21		A	0.8
3	☐	1.000		7396964.96		A	0.5
4	☐	1.000		7675551.62		A	0.4
5	☐	1.000		7782844.47		A	0.9
6	☐	1.000		7911685.02		A	0.9
7	☐	1.000		8184203.35		A	0.7
8	☐	1.000		7845263.14		A	1.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6576120.11		A	2.1
2	☐	1.000		6526109.00		A	0.4
3	☐	1.000		6457713.72		A	2.8
4	☐	1.000		6771177.05		A	1.6
5	☐	1.000		6838788.51		A	1.5
6	☐	1.000		6881931.84		A	0.3
7	☐	1.000		7026269.96		A	1.6
8	☐	1.000		6150625.81		A	1.3

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5222632.63		A	0.5
2	☐	1.000		5207647.84		A	0.2
3	☐	1.000		5213503.05		A	0.8
4	☐	1.000		5353137.73		A	0.7
5	☐	1.000		5387422.00		A	1.5
6	☐	1.000		5395767.56		A	0.4
7	☐	1.000		5428914.15		A	1.3
8	☐	1.000		4852518.92		A	0.5

Reviewed By:Mohan
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US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102524-MS.b
Acq. Date-Time	2024-10-25 02:00:49
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		13308	133076.50			0.561	5.000
24		428643	4286427.53			0.479	5.000
25		59755	597553.75			0.448	5.000
26		69575	695747.53			3.575	5.000
59		87708	877078.00			0.603	5.000
113		6148	61477.37			1.463	5.000
115		135607	1356068.41			1.535	5.000
206		25201	252011.91			1.951	5.000
207		20992	209915.03			1.632	5.000
208		51547	515465.71			1.979	5.000
220		1	8.80			20.328	

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	13359	13384	13327	13271	13197
24	428938	430041	428874	430224	425137
25	59555	60003	59847	59974	59397
26	69093	73952	67974	68703	68151
59	88041	87724	88395	87178	87201
113	6276	6177	6124	6135	6027
115	138092	137054	134725	135430	132734
206	25829	25389	25287	25000	24502
207	21499	21043	21067	20640	20709
208	52814	52097	51782	50735	50305

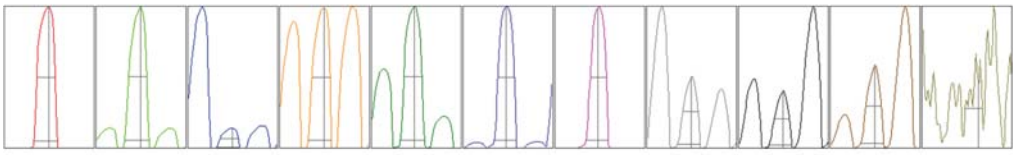
Reviewed By:Mohan
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Inst Id :P7

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	22629.71	9.00	8.90 - 9.10	
24	747768.81	24.00	23.90 - 24.10	
25	104873.87	25.00	24.90 - 25.10	
26	116415.48	26.00	25.90 - 26.10	
59	150367.64	58.95	58.90 - 59.10	
113	11455.03	112.95	112.90 - 113.10	
115	255363.27	114.95	114.90 - 115.10	
206	50693.24	206.00	205.90 - 206.10	
207	42179.50	207.00	206.90 - 207.10	
208	103428.75	208.00	207.90 - 208.10	
220	0.95	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.781	0.900	
24	0.61	0.819	0.900	
25	0.61	0.766	0.900	
26	0.62	0.779	0.900	
59	0.61	0.813	0.900	
113	0.55	0.746	0.900	
115	0.53	0.752	0.900	
206	0.51	0.764	0.900	
207	0.50	0.768	0.900	
208	0.52	0.772	0.900	
220	0.59			

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

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

US EPA Tune Check Report

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	9.3 V	Deflect	14.6 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-110 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	0.9979	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2413 V	Pulse HV	1976 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		32092	320918.03			0.631	
89		144744	1447438.61			0.487	
205		36232	362321.75			0.680	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	32414	32083	32002	32096	31864
89	145750	144991	144833	144093	144052
205	36455	36100	35987	36082	36537

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	9.3 V	Deflect	3.6 V

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 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	0.9979	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2413 V	Pulse HV	1976 V

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	0.13	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.11	-0.06	0.16	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.00	0.01	0.00	N/A	ppb
Calcium	43-1	-0.33	0.16	0.16	0.00	N/A	ppb
Calcium	44-1	0.78	-0.45	-0.33	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	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	0.07	-0.04	-0.03	0.00	N/A	ppb
Iron	57-2	0.63	0.17	-0.81	0.00	N/A	ppb
Iron	54-2	-0.16	0.77	-0.60	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	-0.06	0.01	0.00	N/A	ppb
Manganese	55-2	-0.02	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-17.16	-20.27	-18.16	-18.53		ppb
Potassium	39-2	0.86	0.29	-1.15	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.36	-0.11	0.46	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Silicon	28-1	0.02	-0.02	0.00	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	0.45	-0.63	0.17	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-36.11	-223.03	-141.46	-133.54		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.06	-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:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.96	20.57	20.32	20.28	1.51	ppb
Antimony	121-1	1.97	1.97	2.00	1.98	1.03	ppb
Arsenic	75-2	0.90	1.07	0.92	0.96	9.86	ppb
Barium	135-1	9.05	9.28	9.21	9.18	1.28	ppb
Barium	137-1	9.23	9.52	9.43	9.39	1.56	ppb
Beryllium	9-1	1.04	1.11	1.07	1.08	3.49	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.89	1.11	0.96	14.03	ppb
Cadmium	106-1	1.62	1.23	1.10	1.32	20.43	ppb
Cadmium	111-1	1.12	1.02	1.04	1.06	5.15	ppb
Calcium	43-1	531.18	527.58	530.35	529.70	0.36	ppb
Calcium	44-1	534.49	535.05	532.29	533.94	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	2.09	2.02	2.05	1.90	ppb
Cobalt	59-2	1.05	1.09	1.07	1.07	1.90	ppb
Copper	63-2	2.18	2.14	2.17	2.16	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				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	54.86	55.19	55.40	55.15	0.49	ppb
Iron	57-2	55.69	60.56	56.28	57.51	4.62	ppb
Iron	54-2	56.80	56.90	56.90	56.87	0.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.83	0.91	0.88	4.83	ppb
Lead	207-1	0.87	0.89	0.87	0.88	1.43	ppb
Lead	208-1	0.87	0.86	0.86	0.86	0.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	550.70	555.82	559.14	555.22	0.77	ppb
Manganese	55-2	1.08	1.16	1.09	1.11	3.72	ppb
Molybdenum	94-1	5.25	5.40	5.39	5.35	1.53	ppb
Molybdenum	95-1	4.43	4.45	4.48	4.45	0.61	ppb
Molybdenum	96-1	4.40	4.52	4.55	4.49	1.83	ppb
Molybdenum	97-1	4.38	4.44	4.50	4.44	1.37	ppb
Molybdenum	98-1	4.37	4.43	4.56	4.45	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.04	1.16	1.09	5.49	ppb
Phosphorus	31-2	15.60	15.46	24.53	18.53	28.04	ppb
Potassium	39-2	506.79	515.69	515.86	512.78	1.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.06	5.24	5.23	5.17	1.98	ppb
Selenium	77-2	5.47	5.09	4.32	4.96	11.78	ppb
Selenium	78-2	4.20	4.81	4.67	4.56	7.02	ppb
Silicon	28-1	0.97	0.87	0.92	0.92	5.13	ppb
Silver	107-1	0.97	0.95	0.96	0.96	0.66	ppb
Silver	109-1	0.98	0.96	0.99	0.98	1.45	ppb
Sodium	23-2	529.05	528.85	528.73	528.88	0.03	ppb
Strontium	86-1	1.03	0.98	0.98	0.99	2.70	ppb
Strontium	88-1	0.97	1.01	1.01	1.00	2.52	ppb
Sulfur	34-1	177.44	148.65	74.51	133.54	39.77	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.86	0.85	0.86	0.86	0.62	ppb
Thallium	205-1	0.85	0.85	0.87	0.86	1.16	ppb
Tin	118-1	4.66	4.80	4.77	4.74	1.57	ppb
Titanium	47-1	4.40	4.52	4.82	4.58	4.75	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.84	0.85	0.84	1.09	ppb
Vanadium	51-2	5.09	5.22	5.15	5.16	1.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.88	6.34	6.87	6.36	7.80	ppb
Zirconium	90-1	0.97	0.98	1.00	0.98	1.71	ppb
Zirconium	91-1	0.97	0.98	0.94	0.96	2.05	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1020.56	1039.40	1037.17	1032.38	1.00	ppb
Antimony	121-1	48.65	49.82	52.21	50.22	3.62	ppb
Arsenic	75-2	50.96	49.46	49.63	50.02	1.64	ppb
Barium	135-1	238.73	243.87	256.46	246.35	3.70	ppb
Barium	137-1	240.49	246.69	257.17	248.12	3.40	ppb
Beryllium	9-1	53.07	53.66	57.67	54.80	4.57	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	51.94	49.22	53.38	51.51	4.10	ppb
Cadmium	106-1	51.78	53.16	54.14	53.03	2.25	ppb
Cadmium	111-1	50.59	52.20	54.10	52.30	3.36	ppb
Calcium	43-1	6079.43	6233.49	6458.83	6257.25	3.05	ppb
Calcium	44-1	5307.53	5342.46	5532.61	5394.20	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.88	52.58	52.18	52.22	0.67	ppb
Cobalt	59-2	52.36	51.82	51.73	51.97	0.66	ppb
Copper	63-2	518.69	530.95	524.78	524.81	1.17	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				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2595.49	2655.19	2650.44	2633.71	1.26	ppb
Iron	57-2	2744.72	2800.13	2792.33	2779.06	1.08	ppb
Iron	54-2	2816.98	2836.01	2803.35	2818.78	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	236.33	247.13	262.85	248.77	5.36	ppb
Lead	207-1	220.76	226.42	239.56	228.91	4.21	ppb
Lead	208-1	235.69	242.31	255.91	244.64	4.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	5032.10	5028.24	4956.34	5005.56	0.85	ppb
Manganese	55-2	498.06	513.42	517.56	509.68	2.02	ppb
Molybdenum	94-1	496.83	508.93	522.88	509.55	2.56	ppb
Molybdenum	95-1	490.08	506.17	519.46	505.24	2.91	ppb
Molybdenum	96-1	487.22	504.36	517.28	502.95	3.00	ppb
Molybdenum	97-1	496.58	504.99	518.71	506.76	2.21	ppb
Molybdenum	98-1	490.74	503.88	524.23	506.28	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.47	51.72	51.77	51.65	0.31	ppb
Phosphorus	31-2	994.27	989.12	990.95	991.45	0.26	ppb
Potassium	39-2	2406.36	2428.01	2447.24	2427.20	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	51.02	50.99	53.70	51.90	3.00	ppb
Selenium	77-2	45.16	47.52	52.60	48.43	7.85	ppb
Selenium	78-2	53.10	45.89	48.75	49.25	7.37	ppb
Silicon	28-1	55.90	57.48	59.93	57.77	3.52	ppb
Silver	107-1	51.17	52.57	54.90	52.88	3.57	ppb
Silver	109-1	51.23	52.55	55.08	52.95	3.69	ppb
Sodium	23-2	5114.24	5053.17	5042.31	5069.91	0.76	ppb
Strontium	86-1	1272.59	1259.99	1314.72	1282.44	2.23	ppb
Strontium	88-1	1231.83	1261.42	1322.61	1271.95	3.64	ppb
Sulfur	34-1	1170.61	1110.00	1399.30	1226.64	12.44	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	43.98	45.09	47.35	45.47	3.78	ppb
Thallium	205-1	44.07	45.31	47.91	45.76	4.29	ppb
Tin	118-1	48.99	50.38	52.59	50.65	3.58	ppb
Titanium	47-1	511.64	520.58	539.58	523.93	2.72	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.49	44.00	46.20	44.23	4.21	ppb
Vanadium	51-2	51.71	52.76	52.60	52.35	1.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	512.33	517.70	516.58	515.54	0.55	ppb
Zirconium	90-1	50.33	51.39	53.67	51.80	3.30	ppb
Zirconium	91-1	50.16	51.72	53.59	51.82	3.31	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2625.69	2616.37	2607.06	2616.37	0.36	ppb
Antimony	121-1	126.38	126.10	128.16	126.88	0.88	ppb
Arsenic	75-2	125.13	128.67	127.18	126.99	1.40	ppb
Barium	135-1	642.64	637.23	653.19	644.36	1.26	ppb
Barium	137-1	638.25	635.72	660.92	644.96	2.15	ppb
Beryllium	9-1	136.92	140.59	137.29	138.27	1.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.13	133.01	136.13	133.76	1.57	ppb
Cadmium	106-1	132.78	130.43	133.31	132.17	1.16	ppb
Cadmium	111-1	131.07	130.77	131.98	131.27	0.48	ppb
Calcium	43-1	15719.11	15558.07	15771.46	15682.88	0.71	ppb
Calcium	44-1	13608.00	13539.35	13647.36	13598.24	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.18	133.08	131.90	132.39	0.46	ppb
Cobalt	59-2	131.92	132.01	131.14	131.69	0.36	ppb
Copper	63-2	1309.26	1305.30	1298.41	1304.32	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				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	6599.73	6666.69	6661.66	6642.69	0.56	ppb
Iron	57-2	7063.83	7044.92	7075.36	7061.37	0.22	ppb
Iron	54-2	6638.86	6702.95	6704.41	6682.07	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	613.46	614.91	642.18	623.52	2.59	ppb
Lead	207-1	620.71	621.98	629.39	624.03	0.75	ppb
Lead	208-1	620.23	616.48	631.78	622.83	1.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	12496.42	12644.51	12593.77	12578.23	0.60	ppb
Manganese	55-2	1263.10	1276.47	1271.67	1270.42	0.53	ppb
Molybdenum	94-1	1255.32	1275.07	1289.44	1273.28	1.35	ppb
Molybdenum	95-1	1253.51	1289.27	1268.23	1270.33	1.42	ppb
Molybdenum	96-1	1270.72	1288.13	1264.30	1274.38	0.97	ppb
Molybdenum	97-1	1264.15	1276.23	1276.58	1272.32	0.56	ppb
Molybdenum	98-1	1267.10	1271.40	1271.39	1269.96	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.73	130.34	130.47	130.18	0.30	ppb
Phosphorus	31-2	2610.51	2550.65	2519.20	2560.12	1.81	ppb
Potassium	39-2	6171.89	6066.29	6119.71	6119.29	0.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	129.66	129.57	130.13	129.79	0.23	ppb
Selenium	77-2	135.99	131.84	132.08	133.30	1.75	ppb
Selenium	78-2	127.09	131.21	128.40	128.90	1.63	ppb
Silicon	28-1	128.49	128.13	128.86	128.49	0.28	ppb
Silver	107-1	134.91	133.69	133.54	134.05	0.56	ppb
Silver	109-1	134.39	134.04	134.24	134.23	0.13	ppb
Sodium	23-2	12942.00	12976.27	12687.94	12868.74	1.22	ppb
Strontium	86-1	3150.91	3183.87	3171.72	3168.83	0.53	ppb
Strontium	88-1	3167.33	3192.03	3221.06	3193.47	0.84	ppb
Sulfur	34-1	2678.93	2542.30	2560.08	2593.77	2.86	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	113.51	113.73	113.76	113.67	0.12	ppb
Thallium	205-1	123.89	124.19	126.46	124.85	1.13	ppb
Tin	118-1	127.08	126.51	129.27	127.62	1.14	ppb
Titanium	47-1	1282.40	1266.69	1274.66	1274.58	0.62	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	122.85	123.37	124.78	123.67	0.81	ppb
Vanadium	51-2	132.60	132.32	132.99	132.64	0.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1321.35	1315.79	1315.93	1317.69	0.24	ppb
Zirconium	90-1	127.27	128.47	127.44	127.73	0.51	ppb
Zirconium	91-1	128.70	130.47	130.68	129.95	0.84	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4925.68	4960.33	4868.56	4918.19	0.94	ppb
Antimony	121-1	252.70	259.62	257.58	256.63	1.39	ppb
Arsenic	75-2	247.75	246.91	249.68	248.11	0.57	ppb
Barium	135-1	1278.33	1281.32	1270.29	1276.65	0.45	ppb
Barium	137-1	1245.26	1295.45	1281.69	1274.13	2.04	ppb
Beryllium	9-1	260.28	273.71	266.24	266.74	2.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	256.58	260.93	264.59	260.70	1.54	ppb
Cadmium	106-1	258.76	260.08	260.06	259.63	0.29	ppb
Cadmium	111-1	255.15	258.67	260.19	258.00	1.00	ppb
Calcium	43-1	30471.70	31083.52	31220.72	30925.32	1.29	ppb
Calcium	44-1	26613.68	27033.30	26714.58	26787.19	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261.34	261.78	260.45	261.19	0.26	ppb
Cobalt	59-2	257.21	253.34	252.15	254.24	1.04	ppb
Copper	63-2	2526.92	2592.76	2546.04	2555.24	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	13162.05	13093.29	12963.12	13072.82	0.77	ppb
Iron	57-2	13049.65	12904.86	12790.89	12915.14	1.00	ppb
Iron	54-2	13221.03	13318.46	13086.99	13208.83	0.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1201.67	1210.28	1262.95	1224.97	2.71	ppb
Lead	207-1	1221.56	1223.55	1272.86	1239.32	2.35	ppb
Lead	208-1	1220.27	1221.15	1269.36	1236.93	2.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	24691.77	25033.68	24940.53	24888.66	0.71	ppb
Manganese	55-2	2496.57	2529.62	2489.89	2505.36	0.85	ppb
Molybdenum	94-1	2500.86	2522.97	2543.48	2522.44	0.84	ppb
Molybdenum	95-1	2496.95	2504.79	2511.86	2504.54	0.30	ppb
Molybdenum	96-1	2516.65	2496.51	2523.39	2512.18	0.56	ppb
Molybdenum	97-1	2474.85	2499.42	2493.90	2489.39	0.52	ppb
Molybdenum	98-1	2469.21	2504.13	2529.42	2500.92	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.06	255.21	255.78	255.35	0.15	ppb
Phosphorus	31-2	5077.31	5088.58	5052.08	5072.66	0.37	ppb
Potassium	39-2	12042.67	12102.12	12112.80	12085.86	0.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	250.63	253.86	254.34	252.94	0.80	ppb
Selenium	77-2	250.39	260.47	252.08	254.31	2.12	ppb
Selenium	78-2	249.50	249.77	255.30	251.52	1.30	ppb
Silicon	28-1	262.03	262.17	264.48	262.89	0.52	ppb
Silver	107-1	263.18	263.02	265.44	263.88	0.51	ppb
Silver	109-1	258.84	264.51	266.56	263.31	1.52	ppb
Sodium	23-2	25293.10	25615.75	25483.44	25464.09	0.64	ppb
Strontium	86-1	6225.41	6304.43	6317.35	6282.40	0.79	ppb
Strontium	88-1	6300.81	6318.42	6293.64	6304.29	0.20	ppb
Sulfur	34-1	4958.11	5034.50	4966.12	4986.24	0.84	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	244.04	245.38	253.87	247.77	2.15	ppb
Thallium	205-1	240.78	241.40	252.01	244.73	2.58	ppb
Tin	118-1	250.34	260.46	256.01	255.60	1.98	ppb
Titanium	47-1	2465.74	2524.81	2502.09	2497.55	1.19	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	240.06	243.02	248.79	243.96	1.82	ppb
Vanadium	51-2	263.44	263.91	263.12	263.49	0.15	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	2574.70	2567.88	2580.53	2574.37	0.25	ppb
Zirconium	90-1	247.47	248.62	255.29	250.46	1.69	ppb
Zirconium	91-1	254.43	256.39	256.37	255.73	0.44	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9718.76	9839.09	9716.73	9758.19	0.72	ppb
Antimony	121-1	494.52	501.30	494.33	496.72	0.80	ppb
Arsenic	75-2	497.42	493.74	493.80	494.98	0.43	ppb
Barium	135-1	2470.31	2523.37	2467.83	2487.17	1.26	ppb
Barium	137-1	2481.02	2546.03	2478.27	2501.77	1.53	ppb
Beryllium	9-1	528.88	532.57	540.18	533.88	1.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.44	507.33	503.36	504.38	0.51	ppb
Cadmium	106-1	504.73	506.94	498.23	503.30	0.90	ppb
Cadmium	111-1	499.72	502.59	496.92	499.74	0.57	ppb
Calcium	43-1	57359.54	57754.98	58437.12	57850.55	0.94	ppb
Calcium	44-1	53201.48	53521.33	53859.81	53527.54	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.10	500.40	496.54	500.35	0.76	ppb
Cobalt	59-2	496.44	510.79	504.71	503.98	1.43	ppb
Copper	63-2	5064.62	5078.41	5042.74	5061.92	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				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	26039.53	26184.00	26170.31	26131.28	0.31	ppb
Iron	57-2	25842.34	25952.21	26016.00	25936.85	0.34	ppb
Iron	54-2	26415.61	26336.16	25739.19	26163.65	1.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2444.79	2536.27	2561.01	2514.02	2.44	ppb
Lead	207-1	2482.06	2561.15	2552.48	2531.89	1.71	ppb
Lead	208-1	2472.58	2547.34	2535.96	2518.63	1.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	49113.57	49077.55	49049.12	49080.08	0.07	ppb
Manganese	55-2	5046.41	5063.62	4982.16	5030.73	0.85	ppb
Molybdenum	94-1	4980.63	4997.05	4981.55	4986.41	0.18	ppb
Molybdenum	95-1	4972.72	5006.01	4922.11	4966.95	0.85	ppb
Molybdenum	96-1	4941.03	4971.46	4952.80	4955.10	0.31	ppb
Molybdenum	97-1	4950.00	4925.29	5001.70	4959.00	0.79	ppb
Molybdenum	98-1	4941.95	4955.27	4994.52	4963.91	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.02	506.36	501.51	503.63	0.49	ppb
Phosphorus	31-2	9988.22	10001.12	9998.36	9995.90	0.07	ppb
Potassium	39-2	23934.00	24369.88	23946.87	24083.58	1.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	493.14	502.31	494.56	496.67	0.99	ppb
Selenium	77-2	487.50	481.07	501.44	490.00	2.12	ppb
Selenium	78-2	493.55	494.80	492.43	493.59	0.24	ppb
Silicon	28-1	520.65	522.31	525.58	522.84	0.48	ppb
Silver	107-1	498.47	506.13	502.22	502.28	0.76	ppb
Silver	109-1	504.36	507.25	503.85	505.15	0.36	ppb
Sodium	23-2	49948.00	50269.19	49917.18	50044.79	0.39	ppb
Strontium	86-1	12418.53	12412.10	12430.51	12420.38	0.08	ppb
Strontium	88-1	12536.27	12408.41	12443.74	12462.81	0.53	ppb
Sulfur	34-1	9878.67	9839.91	9802.26	9840.28	0.39	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	501.69	494.78	508.26	501.57	1.34	ppb
Thallium	205-1	494.49	506.24	503.55	501.43	1.23	ppb
Tin	118-1	493.89	499.99	490.29	494.72	0.99	ppb
Titanium	47-1	4967.06	5002.64	4987.20	4985.63	0.36	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.22	511.04	499.54	500.93	1.89	ppb
Vanadium	51-2	504.45	505.25	495.36	501.69	1.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	5090.73	5056.87	5044.50	5064.03	0.47	ppb
Zirconium	90-1	496.22	498.85	495.44	496.84	0.36	ppb
Zirconium	91-1	493.71	493.41	493.96	493.69	0.06	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19143.20	19277.59	19289.79	19236.86	0.42	ppb
Antimony	121-1	971.35	1016.52	1011.35	999.74	2.47	ppb
Arsenic	75-2	1000.52	998.70	1008.97	1002.73	0.55	ppb
Barium	135-1	4805.66	5071.95	5114.94	4997.52	3.35	ppb
Barium	137-1	4877.56	5042.95	5051.54	4990.68	1.96	ppb
Beryllium	9-1	971.29	978.95	980.70	976.98	0.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	961.62	1013.57	1006.71	993.97	2.84	ppb
Cadmium	106-1	963.66	1012.38	1008.64	994.89	2.73	ppb
Cadmium	111-1	960.39	1022.89	1008.40	997.23	3.28	ppb
Calcium	43-1	113957.02	115594.13	116937.69	115496.28	1.29	ppb
Calcium	44-1	105494.15	107097.69	108039.72	106877.19	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997.83	994.69	995.46	996.00	0.16	ppb
Cobalt	59-2	985.11	1001.70	1001.24	996.02	0.95	ppb
Copper	63-2	9927.08	10004.42	9910.10	9947.20	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	51649.84	51402.78	51439.22	51497.28	0.26	ppb
Iron	57-2	51222.34	50605.01	51292.46	51039.94	0.74	ppb
Iron	54-2	51987.71	51546.16	51767.07	51766.98	0.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5036.64	5033.75	4928.09	4999.49	1.24	ppb
Lead	207-1	4994.69	5054.72	4914.28	4987.90	1.41	ppb
Lead	208-1	5001.77	5038.25	4943.46	4994.49	0.96	ppb
Lithium	6-1				103		%
Magnesium	24-2	97231.15	96511.79	97661.62	97134.85	0.60	ppb
Manganese	55-2	9964.19	9985.56	9991.02	9980.26	0.14	ppb
Molybdenum	94-1	9858.34	10083.57	10051.48	9997.80	1.22	ppb
Molybdenum	95-1	9837.63	10118.62	10081.53	10012.59	1.52	ppb
Molybdenum	96-1	9853.63	10136.31	10058.70	10016.21	1.46	ppb
Molybdenum	97-1	9827.38	10107.56	10125.13	10020.03	1.67	ppb
Molybdenum	98-1	9846.60	10076.41	10122.00	10015.00	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.01	1001.30	995.03	996.12	0.48	ppb
Phosphorus	31-2	20072.29	19920.98	19937.13	19976.80	0.42	ppb
Potassium	39-2	47700.45	47907.89	47477.68	47695.34	0.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	991.46	1003.92	1005.32	1000.24	0.76	ppb
Selenium	77-2	1022.34	993.51	993.03	1002.96	1.67	ppb
Selenium	78-2	996.77	1000.72	1009.63	1002.37	0.66	ppb
Silicon	28-1	980.80	985.29	987.78	984.62	0.36	ppb
Silver	107-1	966.61	1008.39	1007.35	994.12	2.40	ppb
Silver	109-1	960.48	1009.40	1008.51	992.80	2.82	ppb
Sodium	23-2	99677.44	100300.45	100219.35	100065.75	0.34	ppb
Strontium	86-1	24559.43	25249.21	25265.19	25024.61	1.61	ppb
Strontium	88-1	24476.13	25214.03	25295.94	24995.37	1.81	ppb
Sulfur	34-1	19868.62	20302.95	20009.17	20060.25	1.10	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1005.44	1012.82	985.99	1001.41	1.38	ppb
Thallium	205-1	1009.51	1012.27	980.72	1000.83	1.75	ppb
Tin	118-1	965.61	1014.01	1023.01	1000.88	3.08	ppb
Titanium	47-1	9932.67	10021.02	10056.90	10003.53	0.64	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1010.45	1004.00	990.05	1001.50	1.04	ppb
Vanadium	51-2	992.77	990.79	1000.57	994.71	0.52	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	9881.42	10073.93	9865.10	9940.15	1.17	ppb
Zirconium	90-1	988.34	1004.31	1010.46	1001.04	1.14	ppb
Zirconium	91-1	988.37	1002.89	1011.77	1001.01	1.18	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100114.26	100639.53	99779.21	100177.67	0.43	ppb
Antimony	121-1	0.74	0.75	0.75	0.75	1.05	ppb
Arsenic	75-2	0.54	0.60	0.66	0.60	9.81	ppb
Barium	135-1	2.25	2.16	2.15	2.19	2.58	ppb
Barium	137-1	2.22	2.13	2.19	2.18	2.12	ppb
Beryllium	9-1	0.12	0.12	0.09	0.11	17.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.42	0.48	0.46	7.69	ppb
Cadmium	106-1	0.96	1.22	0.70	0.96	26.99	ppb
Cadmium	111-1	0.23	0.24	0.19	0.22	11.31	ppb
Calcium	43-1	488057.74	494241.37	504882.64	495727.25	1.72	ppb
Calcium	44-1	489988.90	496867.55	507596.60	498151.02	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.14	3.49	3.16	3.26	5.96	ppb
Cobalt	59-2	2.65	2.66	2.69	2.67	0.73	ppb
Copper	63-2	1.95	2.00	1.91	1.95	2.34	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				107		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	250975.49	249684.06	247983.31	249547.62	0.60	ppb
Iron	57-2	250677.02	249220.46	249066.00	249654.50	0.36	ppb
Iron	54-2	253397.47	247228.71	247816.25	249480.81	1.36	ppb
Krypton	83-1						cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.00	0.96	0.90	0.95	5.23	ppb
Lead	207-1	0.99	0.91	0.93	0.94	4.28	ppb
Lead	208-1	0.96	0.91	0.91	0.93	3.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	505546.73	499522.14	496936.69	500668.52	0.88	ppb
Manganese	55-2	5.16	5.29	5.05	5.16	2.32	ppb
Molybdenum	94-1	2.42	2.28	2.35	2.35	3.02	ppb
Molybdenum	95-1	1.56	1.53	1.54	1.54	1.12	ppb
Molybdenum	96-1	3.03	2.92	2.94	2.96	1.99	ppb
Molybdenum	97-1	1.61	1.49	1.48	1.53	5.01	ppb
Molybdenum	98-1	1.55	1.42	1.38	1.45	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.83	3.75	3.72	3.77	1.61	ppb
Phosphorus	31-2	-12.33	-10.47	-7.69	-10.16		ppb
Potassium	39-2	251013.64	250291.58	250426.54	250577.25	0.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	0.90	0.83	1.11	0.95	15.27	ppb
Selenium	77-2	0.35	0.52	0.18	0.35	49.17	ppb
Selenium	78-2	-0.32	0.54	0.21	0.14	300.24	ppb
Silicon	28-1	1.55	1.37	1.38	1.43	6.90	ppb
Silver	107-1	0.14	0.14	0.13	0.14	5.52	ppb
Silver	109-1	0.15	0.14	0.12	0.14	10.36	ppb
Sodium	23-2	502684.48	499005.46	498157.72	499949.22	0.48	ppb
Strontium	86-1	4.53	4.14	4.17	4.28	5.13	ppb
Strontium	88-1	4.52	4.31	4.16	4.33	4.10	ppb
Sulfur	34-1	-463.73	-367.39	-267.91	-366.34		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.11	0.12	0.12	12.98	ppb
Thallium	205-1	0.14	0.12	0.10	0.12	15.29	ppb
Tin	118-1	0.41	0.45	0.45	0.44	5.99	ppb
Titanium	47-1	1.33	1.28	1.32	1.31	2.00	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.06	0.06	0.06	9.80	ppb
Vanadium	51-2	0.24	0.23	0.21	0.23	4.75	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	4.45	4.24	4.57	4.42	3.81	ppb
Zirconium	90-1	0.61	0.59	0.59	0.60	1.45	ppb
Zirconium	91-1	0.55	0.61	0.63	0.59	6.95	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.56	489.30	494.71	492.52	0.58	ppb
Antimony	121-1	201.77	206.32	209.82	205.97	1.96	ppb
Arsenic	75-2	200.46	197.67	198.39	198.84	0.73	ppb
Barium	135-1	94.02	96.83	98.14	96.33	2.18	ppb
Barium	137-1	96.62	98.50	98.90	98.01	1.24	ppb
Beryllium	9-1	107.34	110.57	109.03	108.98	1.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.04	94.97	94.04	94.68	0.59	ppb
Cadmium	106-1	91.27	93.63	92.85	92.59	1.30	ppb
Cadmium	111-1	102.98	106.14	106.45	105.19	1.83	ppb
Calcium	43-1	2063.96	2112.99	2079.88	2085.61	1.20	ppb
Calcium	44-1	2068.86	2119.74	2104.55	2097.72	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.13	104.82	104.85	104.93	0.16	ppb
Cobalt	59-2	105.29	103.49	104.59	104.46	0.86	ppb
Copper	63-2	98.38	97.83	98.78	98.33	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				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	2038.09	2026.66	2016.44	2027.07	0.53	ppb
Iron	57-2	2159.54	2147.05	2157.08	2154.56	0.31	ppb
Iron	54-2	2249.54	2232.10	2232.17	2237.94	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	193.14	196.90	195.73	195.26	0.98	ppb
Lead	207-1	182.52	187.11	186.97	185.54	1.41	ppb
Lead	208-1	197.93	199.21	200.39	199.17	0.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	1221.46	1216.49	1220.21	1219.39	0.21	ppb
Manganese	55-2	103.76	103.03	103.84	103.54	0.43	ppb
Molybdenum	94-1	0.83	0.69	0.65	0.72	13.23	ppb
Molybdenum	95-1	0.08	0.09	0.10	0.09	8.78	ppb
Molybdenum	96-1	0.19	0.18	0.17	0.18	6.18	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	6.17	ppb
Molybdenum	98-1	0.08	0.09	0.09	0.09	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.80	102.79	103.17	103.25	0.49	ppb
Phosphorus	31-2	-19.16	-18.80	-18.11	-18.69		ppb
Potassium	39-2	1849.96	1845.12	1863.25	1852.78	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	205.89	210.46	206.63	207.66	1.18	ppb
Selenium	77-2	206.79	196.99	205.31	203.03	2.60	ppb
Selenium	78-2	208.08	207.73	205.40	207.07	0.70	ppb
Silicon	28-1	-0.14	-0.03	-0.09	-0.08		ppb
Silver	107-1	50.51	51.61	52.40	51.50	1.84	ppb
Silver	109-1	50.05	52.03	52.66	51.58	2.64	ppb
Sodium	23-2	1918.58	1906.20	1904.66	1909.81	0.40	ppb
Strontium	86-1	0.33	0.33	0.39	0.35	10.17	ppb
Strontium	88-1	0.36	0.37	0.37	0.37	1.01	ppb
Sulfur	34-1	38.29	77.75	-72.33	14.57	534.10	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	213.92	219.13	212.87	215.31	1.56	ppb
Thallium	205-1	211.39	218.70	214.28	214.79	1.71	ppb
Tin	118-1	0.07	0.07	0.06	0.07	2.28	ppb
Titanium	47-1	0.11	0.13	0.13	0.13	11.13	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	21.77	ppb
Vanadium	51-2	102.66	101.38	102.29	102.11	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	201.73	199.94	200.08	200.58	0.50	ppb
Zirconium	90-1	0.46	0.35	0.31	0.37	20.94	ppb
Zirconium	91-1	0.49	0.38	0.35	0.40	17.96	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.34	-1.20	-1.69	-1.41		ppb
Antimony	121-1	0.13	0.14	0.17	0.15	12.83	ppb
Arsenic	75-2	0.02	0.00	0.03	0.02	101.74	ppb
Barium	135-1	0.00	0.00	0.01	0.00	153.45	ppb
Barium	137-1	0.03	0.04	0.03	0.04	17.73	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	28.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.05	-0.02		ppb
Cadmium	106-1	1.57	0.96	0.73	1.09	39.94	ppb
Cadmium	111-1	0.12	0.08	0.07	0.09	29.76	ppb
Calcium	43-1	4.01	1.04	1.95	2.33	65.27	ppb
Calcium	44-1	3.77	2.92	2.22	2.97	26.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	159.16	ppb
Copper	63-2	-0.03	-0.06	-0.07	-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				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	56-2	1.77	1.85	1.68	1.77	4.92	ppb
Iron	57-2	-0.92	0.74	0.60	0.14	662.30	ppb
Iron	54-2	1.73	1.46	2.17	1.79	19.87	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.04	0.05	19.55	ppb
Lead	207-1	0.07	0.06	0.04	0.06	23.23	ppb
Lead	208-1	0.06	0.05	0.05	0.05	9.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.23	0.82	1.33	1.13	24.09	ppb
Manganese	55-2	0.00	-0.02	-0.04	-0.02		ppb
Molybdenum	94-1	0.24	0.21	0.21	0.22	8.10	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	24.52	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.06	13.26	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	27.13	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	18.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-15.89	-18.49	-18.68	-17.69		ppb
Potassium	39-2	7.64	9.17	9.13	8.65	10.07	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.05	0.47	0.60	0.37	76.20	ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	0.29	0.22	0.19	0.23	22.62	ppb
Silicon	28-1	-0.50	-0.63	-0.44	-0.52		ppb
Silver	107-1	0.04	0.03	0.03	0.03	3.75	ppb
Silver	109-1	0.04	0.03	0.02	0.03	24.78	ppb
Sodium	23-2	8.66	8.87	9.10	8.88	2.48	ppb
Strontium	86-1	0.04	0.03	0.03	0.03	8.67	ppb
Strontium	88-1	0.05	0.04	0.05	0.05	11.26	ppb
Sulfur	34-1	-50.70	-178.72	-81.26	-103.56		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.03	0.02	0.03	29.76	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.18	ppb
Tin	118-1	0.03	0.04	0.04	0.04	16.76	ppb
Titanium	47-1	-0.02	0.01	0.00	0.00		ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	65.45	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	0.14	0.04	0.10	0.09	56.17	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	3.17	ppb
Zirconium	91-1	0.12	0.12	0.11	0.12	5.62	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88834.05	88064.43	88541.88	88480.12	0.44	ppb
Antimony	121-1	1.13	1.17	1.17	1.16	1.85	ppb
Arsenic	75-2	0.35	0.25	0.27	0.29	19.12	ppb
Barium	135-1	1.36	1.32	1.34	1.34	1.58	ppb
Barium	137-1	1.37	1.44	1.37	1.39	2.83	ppb
Beryllium	9-1	0.31	0.28	0.28	0.29	6.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.86	7.41	8.01	7.76	4.03	ppb
Cadmium	106-1	0.93	0.19	0.38	0.50	76.66	ppb
Cadmium	111-1	0.34	0.37	0.29	0.34	12.01	ppb
Calcium	43-1	95979.06	96585.98	94387.41	95650.82	1.19	ppb
Calcium	44-1	96098.29	96412.43	95012.56	95841.09	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.45	20.27	20.02	20.25	1.08	ppb
Cobalt	59-2	1.27	1.27	1.25	1.26	1.05	ppb
Copper	63-2	7.13	7.16	7.10	7.13	0.37	ppb
Dysprosium	156-1						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				110		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	100931.99	99677.85	99173.13	99927.65	0.91	ppb
Iron	57-2	100069.55	99531.56	97675.57	99092.23	1.27	ppb
Iron	54-2	100588.22	99012.00	98769.21	99456.48	0.99	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.28	4.20	4.27	4.25	1.08	ppb
Lead	207-1	3.82	3.76	3.69	3.75	1.74	ppb
Lead	208-1	3.95	3.94	3.90	3.93	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	94781.29	93392.09	93174.38	93782.59	0.93	ppb
Manganese	55-2	8.04	8.05	8.04	8.05	0.09	ppb
Molybdenum	94-1	1467.74	1438.99	1443.62	1450.12	1.06	ppb
Molybdenum	95-1	1733.61	1724.77	1722.25	1726.88	0.35	ppb
Molybdenum	96-1	1723.01	1698.23	1707.64	1709.63	0.73	ppb
Molybdenum	97-1	1744.23	1717.16	1713.72	1725.03	0.97	ppb
Molybdenum	98-1	1760.91	1727.60	1707.74	1732.08	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.09	5.16	5.20	2.52	ppb
Phosphorus	31-2	90134.10	91764.70	91371.66	91090.15	0.93	ppb
Potassium	39-2	93006.87	92238.81	92432.20	92559.29	0.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.84	0.70	0.75	0.76	9.68	ppb
Selenium	77-2	0.00	0.17	0.34	0.17	99.96	ppb
Selenium	78-2	0.50	-0.64	0.43	0.10	656.44	ppb
Silicon	28-1	2.87	2.93	2.85	2.88	1.54	ppb
Silver	107-1	0.09	0.07	0.07	0.08	11.16	ppb
Silver	109-1	0.08	0.08	0.07	0.08	4.82	ppb
Sodium	23-2	95964.74	95014.31	95385.96	95455.00	0.50	ppb
Strontium	86-1	34.60	34.01	33.83	34.14	1.18	ppb
Strontium	88-1	34.44	34.31	33.91	34.22	0.80	ppb
Sulfur	34-1	93612.27	94601.87	93288.83	93834.32	0.73	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.09	0.09	0.09	4.44	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	7.54	ppb
Tin	118-1	0.18	0.14	0.16	0.16	10.99	ppb
Titanium	47-1	1771.96	1798.36	1766.48	1778.93	0.96	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	4.06	ppb
Vanadium	51-2	0.20	0.19	0.20	0.19	4.50	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	11.09	11.21	10.83	11.04	1.75	ppb
Zirconium	90-1	0.24	0.24	0.25	0.24	3.22	ppb
Zirconium	91-1	0.21	0.23	0.27	0.23	13.75	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87282.37	87514.33	86664.64	87153.78	0.50	ppb
Antimony	121-1	20.17	20.57	20.88	20.54	1.73	ppb
Arsenic	75-2	19.23	19.46	19.89	19.53	1.70	ppb
Barium	135-1	19.90	19.95	20.22	20.02	0.86	ppb
Barium	137-1	20.13	20.38	20.31	20.27	0.62	ppb
Beryllium	9-1	21.44	21.90	21.30	21.55	1.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.53	24.54	24.13	24.40	0.95	ppb
Cadmium	106-1	16.94	16.66	17.47	17.03	2.41	ppb
Cadmium	111-1	19.54	19.47	19.56	19.52	0.25	ppb
Calcium	43-1	95605.57	95916.93	97604.63	96375.71	1.12	ppb
Calcium	44-1	95443.70	96361.04	97307.02	96370.58	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.30	39.88	40.26	40.15	0.58	ppb
Cobalt	59-2	20.76	20.76	20.87	20.80	0.31	ppb
Copper	63-2	25.40	25.73	25.38	25.51	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				110		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	100013.39	99992.31	99133.34	99713.01	0.50	ppb
Iron	57-2	99048.40	97268.99	97771.88	98029.76	0.94	ppb
Iron	54-2	99129.94	99052.70	98871.74	99018.13	0.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.44	24.22	24.16	24.27	0.61	ppb
Lead	207-1	23.85	23.39	23.33	23.52	1.21	ppb
Lead	208-1	23.79	23.65	23.61	23.69	0.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	93913.19	92624.79	93316.43	93284.80	0.69	ppb
Manganese	55-2	27.84	27.92	27.54	27.77	0.72	ppb
Molybdenum	94-1	1423.23	1448.51	1413.20	1428.31	1.27	ppb
Molybdenum	95-1	1696.30	1749.16	1738.30	1727.92	1.62	ppb
Molybdenum	96-1	1692.18	1728.26	1716.40	1712.28	1.07	ppb
Molybdenum	97-1	1696.61	1740.27	1722.96	1719.95	1.28	ppb
Molybdenum	98-1	1699.49	1738.82	1723.04	1720.45	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.27	24.21	24.48	24.32	0.57	ppb
Phosphorus	31-2	91000.07	90395.58	93148.76	91514.80	1.58	ppb
Potassium	39-2	92249.80	92417.59	93722.38	92796.59	0.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	18.89	19.77	19.44	19.36	2.31	ppb
Selenium	77-2	18.63	19.08	21.60	19.77	8.10	ppb
Selenium	78-2	18.74	19.56	20.50	19.60	4.50	ppb
Silicon	28-1	3.05	3.12	3.27	3.15	3.63	ppb
Silver	107-1	18.32	18.73	19.03	18.70	1.90	ppb
Silver	109-1	18.52	18.78	18.92	18.74	1.09	ppb
Sodium	23-2	95148.43	94169.37	94923.26	94747.02	0.54	ppb
Strontium	86-1	33.40	34.49	34.25	34.05	1.69	ppb
Strontium	88-1	33.45	34.74	34.58	34.26	2.05	ppb
Sulfur	34-1	92310.12	94366.66	93653.32	93443.36	1.12	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	20.33	20.42	20.30	20.35	0.31	ppb
Thallium	205-1	20.34	20.42	20.27	20.34	0.39	ppb
Tin	118-1	0.15	0.15	0.93	0.41	110.69	ppb
Titanium	47-1	1784.85	1789.99	1812.79	1795.88	0.83	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	9.42	ppb
Vanadium	51-2	20.07	19.95	20.26	20.10	0.78	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	30.50	30.00	29.99	30.16	0.96	ppb
Zirconium	90-1	0.06	0.08	0.08	0.07	14.60	ppb
Zirconium	91-1	0.08	0.07	0.07	0.07	6.65	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49826.66	49776.33	49926.76	49843.25	0.15	ppb
Antimony	121-1	498.82	501.77	510.83	503.81	1.24	ppb
Arsenic	75-2	484.14	480.18	475.31	479.87	0.92	ppb
Barium	135-1	2526.70	2488.47	2512.45	2509.21	0.77	ppb
Barium	137-1	2512.05	2500.04	2521.52	2511.20	0.43	ppb
Beryllium	9-1	530.35	539.41	536.32	535.36	0.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	525.14	522.68	534.97	527.60	1.23	ppb
Cadmium	106-1	518.29	515.88	535.83	523.34	2.08	ppb
Cadmium	111-1	515.89	515.42	529.39	520.24	1.53	ppb
Calcium	43-1	245567.85	249468.59	246701.86	247246.10	0.81	ppb
Calcium	44-1	243864.61	245185.95	246400.71	245150.43	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.89	483.94	490.43	487.75	0.69	ppb
Cobalt	59-2	522.43	512.05	518.33	517.61	1.01	ppb
Copper	63-2	5003.40	4972.55	5000.62	4992.19	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				111		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	124898.80	123572.93	123592.12	124021.28	0.61	ppb
Iron	57-2	121744.66	122718.78	122699.07	122387.50	0.45	ppb
Iron	54-2	122649.94	123073.13	121695.66	122472.91	0.58	ppb
Krypton	83-1						cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2509.94	2600.90	2546.79	2552.54	1.79	ppb
Lead	207-1	2482.44	2565.73	2531.40	2526.52	1.66	ppb
Lead	208-1	2491.11	2578.93	2531.10	2533.72	1.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	240732.21	239833.12	240345.06	240303.46	0.19	ppb
Manganese	55-2	4853.23	4850.59	4852.18	4852.00	0.03	ppb
Molybdenum	94-1	4890.59	4952.67	4963.36	4935.54	0.80	ppb
Molybdenum	95-1	4844.68	4967.52	4977.12	4929.78	1.50	ppb
Molybdenum	96-1	4865.80	4957.54	4953.79	4925.71	1.05	ppb
Molybdenum	97-1	4867.92	4940.56	4948.74	4919.07	0.90	ppb
Molybdenum	98-1	4866.87	4965.46	4940.39	4924.24	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.21	506.41	503.81	504.81	0.28	ppb
Phosphorus	31-2	9833.46	9868.44	9846.22	9849.38	0.18	ppb
Potassium	39-2	118963.26	118283.53	118907.79	118718.19	0.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	468.07	475.68	471.50	471.75	0.81	ppb
Selenium	77-2	456.38	481.84	476.39	471.54	2.84	ppb
Selenium	78-2	479.05	460.18	475.33	471.52	2.12	ppb
Silicon	28-1	655.46	660.50	655.14	657.03	0.46	ppb
Silver	107-1	489.58	479.56	494.73	487.96	1.58	ppb
Silver	109-1	485.80	484.17	491.13	487.03	0.75	ppb
Sodium	23-2	240972.63	241152.26	241734.89	241286.59	0.17	ppb
Strontium	86-1	12097.76	12346.78	12350.61	12265.05	1.18	ppb
Strontium	88-1	12108.80	12447.71	12432.05	12329.52	1.55	ppb
Sulfur	34-1	9187.84	9100.54	8947.05	9078.48	1.34	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	512.95	513.37	514.03	513.45	0.11	ppb
Thallium	205-1	511.34	514.37	502.84	509.52	1.17	ppb
Tin	118-1	499.84	487.03	500.14	495.67	1.51	ppb
Titanium	47-1	4923.79	4973.70	4961.05	4952.85	0.52	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	518.04	529.89	517.07	521.67	1.37	ppb
Vanadium	51-2	496.93	496.62	497.78	497.11	0.12	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	4896.36	4915.18	4922.19	4911.24	0.27	ppb
Zirconium	90-1	493.12	500.95	500.15	498.08	0.86	ppb
Zirconium	91-1	499.13	500.68	500.88	500.23	0.19	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	1.04	1.27	1.15	9.81	ppb
Antimony	121-1	0.42	0.41	0.43	0.42	2.85	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	35.63	ppb
Barium	135-1	0.17	0.10	0.11	0.13	29.02	ppb
Barium	137-1	0.14	0.12	0.15	0.13	9.43	ppb
Beryllium	9-1	0.07	0.03	0.22	0.10	96.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.05	0.01	0.03	53.40	ppb
Cadmium	106-1	1.89	0.96	0.90	1.25	44.49	ppb
Cadmium	111-1	0.19	0.14	0.11	0.15	26.71	ppb
Calcium	43-1	17.27	13.43	60.68	30.46	86.15	ppb
Calcium	44-1	17.79	14.14	55.17	29.03	78.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	246.85	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	10.72	ppb
Copper	63-2	0.28	0.32	0.30	0.30	6.71	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				105		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	8.02	8.70	9.23	8.65	7.04	ppb
Iron	57-2	4.73	6.40	7.88	6.34	24.81	ppb
Iron	54-2	7.97	9.28	9.70	8.98	10.07	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.19	0.16	0.18	11.88	ppb
Lead	207-1	0.20	0.20	0.18	0.19	6.04	ppb
Lead	208-1	0.20	0.18	0.17	0.19	6.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	10.58	11.34	12.79	11.57	9.71	ppb
Manganese	55-2	0.15	0.19	0.19	0.17	14.25	ppb
Molybdenum	94-1	1.09	0.81	0.84	0.91	16.64	ppb
Molybdenum	95-1	0.35	0.33	0.38	0.35	6.85	ppb
Molybdenum	96-1	0.42	0.38	0.47	0.42	10.11	ppb
Molybdenum	97-1	0.38	0.34	0.41	0.38	9.09	ppb
Molybdenum	98-1	0.37	0.36	0.38	0.37	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.03	0.02	56.26	ppb
Phosphorus	31-2	-16.86	-16.97	-18.42	-17.42		ppb
Potassium	39-2	26.13	26.75	25.15	26.01	3.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.04	0.39	0.22	0.22	79.07	ppb
Selenium	77-2	0.00	0.17	0.00	0.06	173.21	ppb
Selenium	78-2	1.12	0.68	0.27	0.69	61.48	ppb
Silicon	28-1	-0.36	-0.35	-0.33	-0.35		ppb
Silver	107-1	0.10	0.09	0.06	0.08	23.86	ppb
Silver	109-1	0.09	0.07	0.06	0.07	20.08	ppb
Sodium	23-2	26.52	27.53	27.26	27.10	1.92	ppb
Strontium	86-1	0.63	0.45	0.78	0.62	26.30	ppb
Strontium	88-1	0.59	0.48	0.77	0.61	23.98	ppb
Sulfur	34-1	-436.43	-430.39	-495.84	-454.22		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.08	0.06	0.07	13.84	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	10.81	ppb
Tin	118-1	0.13	0.12	0.15	0.13	8.52	ppb
Titanium	47-1	0.27	0.31	1.07	0.55	81.20	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.16	0.06	126.14	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	16.66	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.43	0.33	0.43	0.39	14.57	ppb
Zirconium	90-1	0.44	0.32	0.31	0.36	20.54	ppb
Zirconium	91-1	0.40	0.35	0.31	0.35	12.14	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.82	1.45	1.65	1.64	11.30	ppb
Antimony	121-1	0.08	0.10	0.11	0.10	15.54	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	1868.94	ppb
Barium	135-1	0.03	0.02	0.03	0.03	20.32	ppb
Barium	137-1	0.05	0.03	0.03	0.03	36.12	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	40.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.06	0.11	0.07	59.49	ppb
Cadmium	106-1	1.73	0.54	1.50	1.26	50.08	ppb
Cadmium	111-1	0.14	0.06	0.11	0.10	43.14	ppb
Calcium	43-1	4.52	4.76	5.63	4.97	11.71	ppb
Calcium	44-1	6.45	7.26	5.16	6.29	16.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	309.84	ppb
Copper	63-2	0.09	0.09	0.05	0.08	26.57	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				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	3.11	3.19	2.91	3.07	4.77	ppb
Iron	57-2	2.27	1.51	2.56	2.11	25.69	ppb
Iron	54-2	3.76	2.13	2.13	2.67	35.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.06	0.08	0.07	11.48	ppb
Lead	207-1	0.09	0.07	0.07	0.07	12.95	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.64	2.63	2.48	2.58	3.46	ppb
Manganese	55-2	0.02	-0.01	0.02	0.01	176.65	ppb
Molybdenum	94-1	0.24	0.23	0.23	0.23	2.96	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	5.30	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	5.93	ppb
Molybdenum	97-1	0.09	0.05	0.07	0.07	26.24	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	14.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-17.86	-16.54	-17.18	-17.19		ppb
Potassium	39-2	17.09	15.23	17.82	16.72	7.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.03	0.32	0.20	0.18	78.34	ppb
Selenium	77-2	0.00	0.17	0.18	0.12	86.60	ppb
Selenium	78-2	-0.33	0.81	-0.04	0.15	397.61	ppb
Silicon	28-1	-0.59	-0.39	-0.61	-0.53		ppb
Silver	107-1	0.01	0.02	0.02	0.02	20.77	ppb
Silver	109-1	0.02	0.01	0.02	0.02	9.48	ppb
Sodium	23-2	15.18	14.71	14.61	14.84	2.06	ppb
Strontium	86-1	0.14	0.06	0.10	0.10	41.05	ppb
Strontium	88-1	0.09	0.09	0.08	0.09	5.65	ppb
Sulfur	34-1	-195.34	-232.78	-301.18	-243.10		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.03	0.03	10.48	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	9.16	ppb
Tin	118-1	0.04	0.05	0.05	0.04	14.89	ppb
Titanium	47-1	0.04	0.03	0.06	0.04	40.08	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	87.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	81.78	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	0.34	0.30	0.29	0.31	8.39	ppb
Zirconium	90-1	0.11	0.09	0.09	0.10	8.36	ppb
Zirconium	91-1	0.09	0.07	0.10	0.09	14.43	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.30	38.82	39.82	39.65	1.91	ppb
Antimony	121-1	4.08	4.16	4.07	4.10	1.25	ppb
Arsenic	75-2	2.05	1.89	2.17	2.04	7.02	ppb
Barium	135-1	19.00	19.32	18.52	18.94	2.11	ppb
Barium	137-1	19.16	19.46	18.84	19.15	1.63	ppb
Beryllium	9-1	2.26	2.25	2.14	2.22	3.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.46	2.57	2.64	2.56	3.41	ppb
Cadmium	106-1	3.62	2.70	2.88	3.07	15.96	ppb
Cadmium	111-1	2.60	2.49	2.46	2.52	2.77	ppb
Calcium	43-1	1009.71	1028.07	1020.93	1019.57	0.91	ppb
Calcium	44-1	1015.86	1029.80	1039.84	1028.50	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.63	4.66	4.65	4.65	0.25	ppb
Cobalt	59-2	2.12	2.14	2.09	2.12	1.04	ppb
Copper	63-2	4.50	4.51	4.55	4.52	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	423.16	425.53	423.71	424.13	0.29	ppb
Iron	57-2	452.27	444.82	452.50	449.86	0.97	ppb
Iron	54-2	447.85	453.88	448.58	450.10	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.95	1.86	1.82	1.87	3.54	ppb
Lead	207-1	1.83	1.93	1.85	1.87	2.71	ppb
Lead	208-1	1.87	1.90	1.85	1.87	1.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	1098.82	1094.40	1104.30	1099.17	0.45	ppb
Manganese	55-2	2.21	2.15	2.30	2.22	3.45	ppb
Molybdenum	94-1	11.18	11.33	11.58	11.36	1.80	ppb
Molybdenum	95-1	8.96	9.25	9.10	9.10	1.62	ppb
Molybdenum	96-1	9.27	9.43	9.57	9.43	1.58	ppb
Molybdenum	97-1	9.09	9.23	9.21	9.18	0.83	ppb
Molybdenum	98-1	9.01	9.25	9.32	9.19	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.17	2.25	2.20	1.97	ppb
Phosphorus	31-2	-18.09	-15.67	-16.86	-16.87		ppb
Potassium	39-2	1060.88	1062.95	1070.49	1064.78	0.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	10.51	11.18	10.41	10.70	3.91	ppb
Selenium	77-2	7.49	8.87	10.78	9.05	18.28	ppb
Selenium	78-2	8.98	10.17	10.58	9.91	8.40	ppb
Silicon	28-1	2.70	2.75	2.96	2.81	4.92	ppb
Silver	107-1	2.00	2.08	2.02	2.03	2.26	ppb
Silver	109-1	2.00	2.06	2.04	2.03	1.63	ppb
Sodium	23-2	1053.85	1051.28	1046.88	1050.67	0.34	ppb
Strontium	86-1	2.02	2.06	2.16	2.08	3.33	ppb
Strontium	88-1	2.09	2.09	2.12	2.10	0.73	ppb
Sulfur	34-1	-87.06	-204.86	-174.07	-155.33		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.78	1.75	1.81	1.78	1.78	ppb
Thallium	205-1	1.79	1.75	1.73	1.76	1.85	ppb
Tin	118-1	0.03	0.05	0.05	0.05	20.93	ppb
Titanium	47-1	9.27	8.94	9.41	9.20	2.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.74	1.73	1.73	0.79	ppb
Vanadium	51-2	10.46	10.59	10.51	10.52	0.61	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	10.91	10.71	11.17	10.93	2.08	ppb
Zirconium	90-1	2.12	2.19	2.15	2.15	1.46	ppb
Zirconium	91-1	2.20	2.13	2.15	2.16	1.49	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.92	19.09	19.12	19.38	2.44	ppb
Antimony	121-1	2.08	2.06	2.07	2.07	0.51	ppb
Arsenic	75-2	1.04	1.03	0.97	1.01	3.55	ppb
Barium	135-1	9.44	9.45	9.58	9.49	0.84	ppb
Barium	137-1	9.59	9.71	9.67	9.66	0.64	ppb
Beryllium	9-1	1.08	1.15	1.10	1.11	2.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.27	1.31	1.32	4.77	ppb
Cadmium	106-1	2.70	1.71	1.65	2.02	29.35	ppb
Cadmium	111-1	1.26	1.27	1.36	1.30	4.08	ppb
Calcium	43-1	521.41	541.72	532.20	531.77	1.91	ppb
Calcium	44-1	520.54	530.16	532.63	527.78	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.36	2.41	2.37	1.44	ppb
Cobalt	59-2	1.05	1.09	1.09	1.08	2.29	ppb
Copper	63-2	2.11	2.14	2.20	2.15	2.29	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				104		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	231.86	227.14	229.04	229.35	1.03	ppb
Iron	57-2	229.77	224.77	228.80	227.78	1.16	ppb
Iron	54-2	230.93	229.32	231.10	230.45	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.95	1.00	0.93	0.96	4.05	ppb
Lead	207-1	0.99	0.96	0.93	0.96	3.19	ppb
Lead	208-1	0.96	0.97	0.94	0.95	1.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	560.92	554.73	558.20	557.95	0.56	ppb
Manganese	55-2	1.06	1.09	1.04	1.06	2.56	ppb
Molybdenum	94-1	5.65	5.86	5.71	5.74	1.90	ppb
Molybdenum	95-1	4.72	4.68	4.64	4.68	0.87	ppb
Molybdenum	96-1	4.83	4.82	4.71	4.79	1.42	ppb
Molybdenum	97-1	4.69	4.73	4.73	4.72	0.46	ppb
Molybdenum	98-1	4.68	4.70	4.70	4.69	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.18	1.29	1.23	4.48	ppb
Phosphorus	31-2	-18.31	-16.87	-17.98	-17.72		ppb
Potassium	39-2	544.01	535.29	539.03	539.45	0.81	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	5.49	5.12	5.26	5.29	3.51	ppb
Selenium	77-2	5.85	4.66	5.99	5.50	13.33	ppb
Selenium	78-2	4.92	4.53	5.78	5.08	12.64	ppb
Silicon	28-1	1.10	1.13	1.23	1.15	6.09	ppb
Silver	107-1	1.02	1.05	1.05	1.04	1.55	ppb
Silver	109-1	0.99	1.06	1.04	1.03	3.82	ppb
Sodium	23-2	535.93	532.65	530.36	532.98	0.53	ppb
Strontium	86-1	1.13	1.09	1.03	1.09	4.70	ppb
Strontium	88-1	1.08	1.11	1.07	1.09	1.71	ppb
Sulfur	34-1	-79.21	-114.38	-132.33	-108.64		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.91	0.91	0.90	0.91	0.45	ppb
Thallium	205-1	0.92	0.91	0.88	0.90	2.27	ppb
Tin	118-1	0.03	0.03	0.05	0.04	23.58	ppb
Titanium	47-1	4.63	5.16	4.80	4.86	5.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.86	0.87	1.08	ppb
Vanadium	51-2	5.41	5.28	5.21	5.30	1.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	6.06	6.02	5.54	5.87	4.89	ppb
Zirconium	90-1	1.10	1.11	1.11	1.11	0.51	ppb
Zirconium	91-1	1.11	1.13	1.06	1.10	2.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80314.42	81430.68	81102.62	80949.24	0.71	ppb
Antimony	121-1	1.90	1.94	2.00	1.95	2.50	ppb
Arsenic	75-2	171.52	173.67	168.71	171.30	1.45	ppb
Barium	135-1	358.25	361.63	366.83	362.24	1.19	ppb
Barium	137-1	376.08	382.10	379.40	379.20	0.80	ppb
Beryllium	9-1	1.46	1.47	1.50	1.48	1.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.72	5.08	5.40	5.06	6.77	ppb
Cadmium	106-1	6.71	6.08	6.74	6.51	5.75	ppb
Cadmium	111-1	4.86	4.76	4.91	4.84	1.68	ppb
Calcium	43-1	7447.20	7662.07	7629.36	7579.54	1.53	ppb
Calcium	44-1	6904.32	7056.24	7103.10	7021.22	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150.84	152.11	152.13	151.69	0.49	ppb
Cobalt	59-2	90.30	91.57	91.21	91.02	0.72	ppb
Copper	63-2	492.44	497.10	500.86	496.80	0.85	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				108		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	187392.21	190161.06	190005.09	189186.12	0.82	ppb
Iron	57-2	186891.64	188364.51	185424.77	186893.64	0.79	ppb
Iron	54-2	187040.30	188451.91	187512.61	187668.27	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.23	170.12	173.25	170.54	1.49	ppb
Lead	207-1	170.81	169.34	172.06	170.74	0.80	ppb
Lead	208-1	177.25	178.13	180.07	178.48	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	55228.69	55387.29	55382.88	55332.95	0.16	ppb
Manganese	55-2	3808.52	3862.62	3848.00	3839.71	0.73	ppb
Molybdenum	94-1	14.72	15.09	15.11	14.97	1.47	ppb
Molybdenum	95-1	2.20	2.28	2.19	2.22	2.24	ppb
Molybdenum	96-1	4.79	4.86	4.77	4.81	1.02	ppb
Molybdenum	97-1	2.16	2.19	2.22	2.19	1.33	ppb
Molybdenum	98-1	2.16	2.17	2.19	2.17	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.98	117.49	117.11	116.53	1.16	ppb
Phosphorus	31-2	1593.94	1583.79	1581.62	1586.45	0.41	ppb
Potassium	39-2	5644.38	5769.14	5729.40	5714.31	1.12	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				142		%
Scandium	45-2				141		%
Selenium	82-1	2.18	2.09	1.51	1.93	19.00	ppb
Selenium	77-2	17.77	18.85	17.45	18.02	4.07	ppb
Selenium	78-2	3.30	4.15	4.74	4.06	17.91	ppb
Silicon	28-1	687.34	709.22	705.32	700.63	1.67	ppb
Silver	107-1	1.21	1.18	1.21	1.20	1.25	ppb
Silver	109-1	1.22	1.19	1.20	1.20	1.20	ppb
Sodium	23-2	147.49	150.52	151.26	149.76	1.33	ppb
Strontium	86-1	55.62	56.91	56.49	56.34	1.17	ppb
Strontium	88-1	55.40	55.87	56.31	55.86	0.81	ppb
Sulfur	34-1	-1653.19	-1652.02	-1671.76	-1658.99		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.38	0.37	0.42	0.39	5.40	ppb
Thallium	205-1	0.35	0.38	0.44	0.39	12.30	ppb
Tin	118-1	3.64	3.61	3.71	3.66	1.40	ppb
Titanium	47-1	546.09	564.58	548.82	553.17	1.80	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.04	1.06	1.06	1.56	ppb
Vanadium	51-2	587.06	593.54	589.25	589.95	0.56	ppb
Yttrium	89-1				122		%
Yttrium	89-2				119		%
Zinc	66-2	450.73	452.01	451.31	451.35	0.14	ppb
Zirconium	90-1	7.59	7.90	7.85	7.78	2.19	ppb
Zirconium	91-1	7.64	7.91	7.97	7.84	2.22	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81316.76	80485.02	79851.48	80551.09	0.91	ppb
Antimony	121-1	1.88	1.94	1.98	1.93	2.54	ppb
Arsenic	75-2	169.74	169.17	171.17	170.03	0.61	ppb
Barium	135-1	356.51	364.31	364.55	361.79	1.27	ppb
Barium	137-1	369.32	382.79	378.04	376.72	1.81	ppb
Beryllium	9-1	1.49	1.44	1.62	1.52	5.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.91	4.75	5.32	5.00	5.90	ppb
Cadmium	106-1	7.29	7.17	7.12	7.19	1.21	ppb
Cadmium	111-1	4.73	4.82	4.83	4.79	1.14	ppb
Calcium	43-1	7563.68	7586.46	7624.97	7591.70	0.41	ppb
Calcium	44-1	6957.90	7048.42	7008.57	7004.96	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.00	151.19	150.79	151.33	0.41	ppb
Cobalt	59-2	90.65	90.26	90.05	90.32	0.34	ppb
Copper	63-2	491.22	490.37	490.16	490.58	0.11	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				110		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	188686.47	187490.34	188945.10	188373.97	0.41	ppb
Iron	57-2	185290.85	186020.67	183310.38	184873.97	0.76	ppb
Iron	54-2	187501.40	187362.55	186964.50	187276.15	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.01	170.38	170.93	169.77	0.91	ppb
Lead	207-1	169.78	172.05	170.82	170.88	0.67	ppb
Lead	208-1	177.55	179.43	177.99	178.32	0.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	55625.98	55056.21	55330.48	55337.56	0.51	ppb
Manganese	55-2	3794.81	3807.94	3786.09	3796.28	0.29	ppb
Molybdenum	94-1	14.72	14.85	15.20	14.92	1.66	ppb
Molybdenum	95-1	2.24	2.26	2.34	2.28	2.50	ppb
Molybdenum	96-1	4.69	4.79	4.75	4.74	1.07	ppb
Molybdenum	97-1	2.21	2.23	2.11	2.18	3.10	ppb
Molybdenum	98-1	2.14	2.15	2.15	2.15	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.87	116.18	115.85	115.97	0.16	ppb
Phosphorus	31-2	1589.01	1595.26	1546.72	1577.00	1.67	ppb
Potassium	39-2	5686.48	5688.69	5727.96	5701.04	0.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				141		%
Scandium	45-2				142		%
Selenium	82-1	1.76	1.32	1.75	1.61	15.45	ppb
Selenium	77-2	17.01	17.27	15.69	16.66	5.08	ppb
Selenium	78-2	4.62	4.12	3.78	4.18	10.11	ppb
Silicon	28-1	695.88	708.46	703.78	702.71	0.90	ppb
Silver	107-1	1.14	1.17	1.16	1.16	1.55	ppb
Silver	109-1	1.13	1.16	1.16	1.15	1.48	ppb
Sodium	23-2	165.47	166.35	205.03	178.95	12.62	ppb
Strontium	86-1	55.99	56.96	57.13	56.69	1.09	ppb
Strontium	88-1	55.99	56.81	57.09	56.63	1.01	ppb
Sulfur	34-1	-1688.53	-1737.62	-1730.59	-1718.91		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.40	0.43	0.40	6.18	ppb
Thallium	205-1	0.38	0.40	0.42	0.40	5.86	ppb
Tin	118-1	3.62	3.68	3.80	3.70	2.51	ppb
Titanium	47-1	544.90	545.74	547.36	546.00	0.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.06	1.06	1.06	0.45	ppb
Vanadium	51-2	588.03	587.98	587.19	587.73	0.08	ppb
Yttrium	89-1				123		%
Yttrium	89-2				119		%
Zinc	66-2	453.05	447.97	448.99	450.00	0.60	ppb
Zirconium	90-1	7.60	7.87	7.98	7.82	2.52	ppb
Zirconium	91-1	7.68	7.91	8.00	7.86	2.08	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70776.72	70625.30	69635.96	70345.99	0.88	ppb
Antimony	121-1	1.91	1.89	1.88	1.89	0.97	ppb
Arsenic	75-2	262.28	257.50	260.40	260.06	0.93	ppb
Barium	135-1	341.17	343.37	339.99	341.51	0.50	ppb
Barium	137-1	358.87	362.09	354.70	358.55	1.03	ppb
Beryllium	9-1	1.30	1.37	1.40	1.35	3.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.67	4.28	3.96	3.97	7.79	ppb
Cadmium	106-1	6.38	5.87	6.17	6.14	4.17	ppb
Cadmium	111-1	3.61	3.60	3.67	3.63	1.05	ppb
Calcium	43-1	6685.20	6657.60	6797.66	6713.49	1.11	ppb
Calcium	44-1	6134.18	6195.10	6160.29	6163.19	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.92	152.99	152.03	152.65	0.35	ppb
Cobalt	59-2	81.64	82.51	81.16	81.77	0.84	ppb
Copper	63-2	455.21	457.28	458.93	457.14	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	177905.51	178297.23	176704.60	177635.78	0.47	ppb
Iron	57-2	173556.06	172528.74	173319.96	173134.92	0.31	ppb
Iron	54-2	176208.98	177252.49	175346.18	176269.22	0.54	ppb
Krypton	83-1						cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	142.94	143.49	147.58	144.67	1.75	ppb
Lead	207-1	144.26	145.86	146.26	145.46	0.73	ppb
Lead	208-1	150.55	151.25	153.64	151.81	1.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	47651.60	47896.89	47142.47	47563.65	0.81	ppb
Manganese	55-2	3101.43	3132.68	3069.21	3101.11	1.02	ppb
Molybdenum	94-1	12.93	13.08	13.01	13.01	0.60	ppb
Molybdenum	95-1	1.64	1.70	1.64	1.66	2.28	ppb
Molybdenum	96-1	3.97	4.08	3.95	4.00	1.73	ppb
Molybdenum	97-1	1.61	1.62	1.65	1.63	1.46	ppb
Molybdenum	98-1	1.61	1.59	1.55	1.59	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.82	129.03	127.60	128.48	0.60	ppb
Phosphorus	31-2	1635.84	1677.51	1645.87	1653.07	1.32	ppb
Potassium	39-2	7409.51	7543.13	7309.42	7420.69	1.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				138		%
Scandium	45-2				137		%
Selenium	82-1	1.52	1.48	1.26	1.42	9.93	ppb
Selenium	77-2	14.35	14.83	14.88	14.68	2.01	ppb
Selenium	78-2	3.61	1.69	2.57	2.62	36.74	ppb
Silicon	28-1	745.85	736.00	740.09	740.64	0.67	ppb
Silver	107-1	0.84	0.87	0.85	0.85	1.53	ppb
Silver	109-1	0.87	0.86	0.88	0.87	1.40	ppb
Sodium	23-2	201.94	207.12	205.76	204.94	1.31	ppb
Strontium	86-1	51.71	51.37	50.86	51.31	0.83	ppb
Strontium	88-1	49.86	50.88	50.33	50.36	1.02	ppb
Sulfur	34-1	-1500.45	-1618.06	-1558.81	-1559.11		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.34	0.34	0.35	0.34	2.38	ppb
Thallium	205-1	0.33	0.35	0.37	0.35	5.20	ppb
Tin	118-1	3.58	3.62	3.51	3.57	1.52	ppb
Titanium	47-1	863.11	878.34	894.63	878.69	1.79	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.67	0.67	0.66	1.54	ppb
Vanadium	51-2	537.64	539.42	535.24	537.43	0.39	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	383.12	384.67	382.99	383.59	0.24	ppb
Zirconium	90-1	7.02	7.00	6.89	6.97	1.04	ppb
Zirconium	91-1	7.15	6.99	6.91	7.02	1.75	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83979.65	84693.91	85121.30	84598.28	0.68	ppb
Antimony	121-1	1.52	1.48	1.50	1.50	1.38	ppb
Arsenic	75-2	169.76	166.50	172.05	169.43	1.65	ppb
Barium	135-1	298.08	293.46	300.90	297.48	1.26	ppb
Barium	137-1	296.12	303.19	306.32	301.88	1.73	ppb
Beryllium	9-1	1.49	1.45	1.39	1.44	3.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.50	4.43	4.56	4.49	1.43	ppb
Cadmium	106-1	6.92	6.63	5.98	6.51	7.39	ppb
Cadmium	111-1	4.35	4.19	4.21	4.25	2.02	ppb
Calcium	43-1	9725.64	9621.96	9747.61	9698.40	0.69	ppb
Calcium	44-1	8835.37	8954.56	8995.92	8928.62	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.43	167.27	170.09	168.60	0.84	ppb
Cobalt	59-2	102.31	102.57	103.49	102.79	0.60	ppb
Copper	63-2	522.40	515.57	519.50	519.16	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				109		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	196646.72	197022.73	199380.70	197683.38	0.75	ppb
Iron	57-2	192265.00	195253.04	194209.39	193909.14	0.78	ppb
Iron	54-2	195829.12	197447.42	199073.98	197450.18	0.82	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	157.68	159.35	158.94	158.66	0.55	ppb
Lead	207-1	154.37	164.08	163.11	160.52	3.33	ppb
Lead	208-1	161.80	168.50	167.12	165.81	2.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	58556.86	58853.65	58826.31	58745.61	0.28	ppb
Manganese	55-2	3756.07	3812.51	3808.37	3792.32	0.83	ppb
Molybdenum	94-1	11.33	11.55	11.64	11.51	1.36	ppb
Molybdenum	95-1	1.61	1.71	1.65	1.65	3.04	ppb
Molybdenum	96-1	3.91	4.07	4.01	4.00	2.07	ppb
Molybdenum	97-1	1.61	1.71	1.65	1.66	2.99	ppb
Molybdenum	98-1	1.59	1.66	1.63	1.63	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.90	139.04	139.41	138.78	0.57	ppb
Phosphorus	31-2	1596.16	1621.29	1627.43	1614.96	1.03	ppb
Potassium	39-2	6524.35	6646.85	6652.08	6607.76	1.09	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				133		%
Scandium	45-2				135		%
Selenium	82-1	0.95	0.93	1.45	1.11	26.45	ppb
Selenium	77-2	14.47	13.20	11.13	12.93	13.02	ppb
Selenium	78-2	4.02	3.21	2.43	3.22	24.73	ppb
Silicon	28-1	898.09	876.67	886.98	887.25	1.21	ppb
Silver	107-1	1.10	1.08	1.08	1.09	1.14	ppb
Silver	109-1	1.08	1.11	1.11	1.10	1.44	ppb
Sodium	23-2	241.84	244.90	246.56	244.43	0.98	ppb
Strontium	86-1	54.50	57.51	57.07	56.36	2.88	ppb
Strontium	88-1	55.45	56.08	55.74	55.76	0.57	ppb
Sulfur	34-1	-1192.51	-1322.31	-1285.69	-1266.84		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.26	0.29	0.28	5.64	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	3.11	ppb
Tin	118-1	3.67	3.63	3.73	3.67	1.33	ppb
Titanium	47-1	1139.25	1142.10	1122.90	1134.75	0.91	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.77	0.78	0.76	2.26	ppb
Vanadium	51-2	557.64	565.64	566.34	563.20	0.86	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	473.33	478.25	480.83	477.47	0.80	ppb
Zirconium	90-1	5.95	6.28	6.17	6.13	2.73	ppb
Zirconium	91-1	5.93	6.31	6.29	6.18	3.46	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64568.86	64038.94	64489.05	64365.62	0.44	ppb
Antimony	121-1	2.76	2.70	2.79	2.75	1.62	ppb
Arsenic	75-2	191.17	187.04	188.68	188.96	1.10	ppb
Barium	135-1	199.92	197.81	202.29	200.01	1.12	ppb
Barium	137-1	203.11	199.49	202.83	201.81	1.00	ppb
Beryllium	9-1	0.97	0.99	1.01	0.99	2.12	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.71	4.48	4.18	4.46	5.87	ppb
Cadmium	106-1	6.52	5.08	5.59	5.73	12.73	ppb
Cadmium	111-1	2.97	2.81	2.97	2.91	3.25	ppb
Calcium	43-1	11775.20	11529.07	11807.19	11703.82	1.30	ppb
Calcium	44-1	10877.54	10505.20	10786.60	10723.11	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231.97	225.86	229.41	229.08	1.34	ppb
Cobalt	59-2	110.80	108.65	109.82	109.76	0.98	ppb
Copper	63-2	449.85	451.92	444.98	448.92	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	159357.57	156476.60	158861.29	158231.82	0.97	ppb
Iron	57-2	156145.88	156051.58	155175.47	155790.97	0.34	ppb
Iron	54-2	157049.97	155339.49	158073.98	156821.15	0.88	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.48	92.56	94.32	93.45	0.94	ppb
Lead	207-1	93.81	94.67	96.39	94.96	1.38	ppb
Lead	208-1	97.69	92.60	94.41	94.90	2.72	ppb
Lithium	6-1				96		%
Magnesium	24-2	44407.53	44248.95	44760.62	44472.37	0.59	ppb
Manganese	55-2	3481.39	3406.60	3442.45	3443.48	1.09	ppb
Molybdenum	94-1	11.32	11.33	11.50	11.38	0.86	ppb
Molybdenum	95-1	0.95	1.01	1.02	0.99	4.15	ppb
Molybdenum	96-1	3.05	3.00	3.01	3.02	0.90	ppb
Molybdenum	97-1	0.99	0.96	0.94	0.97	2.67	ppb
Molybdenum	98-1	0.92	0.91	0.93	0.92	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.93	153.61	156.50	156.01	1.41	ppb
Phosphorus	31-2	1268.18	1278.32	1310.87	1285.79	1.73	ppb
Potassium	39-2	5186.69	5156.54	5144.10	5162.45	0.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				122		%
Scandium	45-2				123		%
Selenium	82-1	0.99	1.14	1.31	1.15	14.08	ppb
Selenium	77-2	7.70	6.78	8.77	7.75	12.88	ppb
Selenium	78-2	1.10	3.15	2.32	2.19	47.17	ppb
Silicon	28-1	804.78	795.59	795.65	798.67	0.66	ppb
Silver	107-1	0.44	0.47	0.45	0.45	3.38	ppb
Silver	109-1	0.45	0.44	0.46	0.45	2.69	ppb
Sodium	23-2	297.00	292.45	301.15	296.87	1.47	ppb
Strontium	86-1	62.35	62.06	62.37	62.26	0.28	ppb
Strontium	88-1	61.78	62.29	61.83	61.97	0.46	ppb
Sulfur	34-1	-1193.34	-1281.49	-1263.20	-1246.01		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.16	0.16	0.16	5.59	ppb
Thallium	205-1	0.17	0.17	0.16	0.16	1.90	ppb
Tin	118-1	2.61	2.52	2.62	2.58	2.07	ppb
Titanium	47-1	2279.67	2268.33	2326.76	2291.59	1.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.46	0.47	0.46	0.81	ppb
Vanadium	51-2	344.67	343.77	343.29	343.91	0.20	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	365.50	359.47	360.64	361.87	0.88	ppb
Zirconium	90-1	6.34	6.34	6.37	6.35	0.27	ppb
Zirconium	91-1	6.35	6.39	6.43	6.39	0.67	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75370.57	75234.67	74800.81	75135.35	0.40	ppb
Antimony	121-1	1.78	1.79	1.72	1.76	2.15	ppb
Arsenic	75-2	229.28	231.41	231.93	230.87	0.61	ppb
Barium	135-1	240.66	246.92	237.86	241.81	1.92	ppb
Barium	137-1	241.53	250.04	244.31	245.29	1.77	ppb
Beryllium	9-1	1.34	1.36	1.33	1.34	1.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.94	3.93	4.02	3.96	1.30	ppb
Cadmium	106-1	6.90	6.25	5.16	6.10	14.41	ppb
Cadmium	111-1	3.78	3.79	3.51	3.69	4.28	ppb
Calcium	43-1	7808.84	7640.68	7893.24	7780.92	1.65	ppb
Calcium	44-1	7200.85	7212.27	7234.68	7215.93	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.16	156.21	156.75	157.04	0.64	ppb
Cobalt	59-2	84.83	84.51	84.17	84.50	0.39	ppb
Copper	63-2	439.89	439.99	432.10	437.33	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				111		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	173370.54	172354.24	173299.34	173008.04	0.33	ppb
Iron	57-2	169678.93	169948.40	169517.46	169714.93	0.13	ppb
Iron	54-2	172357.39	171901.33	171446.88	171901.87	0.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.18	116.54	120.41	120.04	2.78	ppb
Lead	207-1	121.58	118.59	123.07	121.08	1.89	ppb
Lead	208-1	125.96	123.05	127.56	125.52	1.82	ppb
Lithium	6-1				96		%
Magnesium	24-2	51976.12	52076.17	51442.94	51831.75	0.66	ppb
Manganese	55-2	2881.01	2908.96	2888.85	2892.94	0.50	ppb
Molybdenum	94-1	11.71	11.73	11.76	11.74	0.21	ppb
Molybdenum	95-1	1.56	1.60	1.56	1.58	1.59	ppb
Molybdenum	96-1	3.83	3.89	3.95	3.89	1.60	ppb
Molybdenum	97-1	1.58	1.62	1.61	1.60	1.36	ppb
Molybdenum	98-1	1.58	1.57	1.59	1.58	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.68	131.93	130.39	131.67	0.89	ppb
Phosphorus	31-2	1354.69	1349.58	1346.83	1350.37	0.30	ppb
Potassium	39-2	3784.25	3742.66	3715.23	3747.38	0.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				143		%
Scandium	45-2				144		%
Selenium	82-1	1.00	1.21	1.04	1.08	10.25	ppb
Selenium	77-2	16.22	16.03	12.66	14.97	13.37	ppb
Selenium	78-2	2.28	3.32	3.07	2.89	18.70	ppb
Silicon	28-1	733.67	740.26	740.32	738.08	0.52	ppb
Silver	107-1	0.68	0.67	0.67	0.68	1.06	ppb
Silver	109-1	0.66	0.67	0.67	0.66	1.11	ppb
Sodium	23-2	178.59	177.50	176.51	177.54	0.59	ppb
Strontium	86-1	59.36	60.70	60.46	60.17	1.19	ppb
Strontium	88-1	58.63	60.17	59.52	59.44	1.30	ppb
Sulfur	34-1	-1471.37	-1513.13	-1478.69	-1487.73		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.21	0.21	0.21	1.21	ppb
Thallium	205-1	0.21	0.20	0.21	0.21	1.05	ppb
Tin	118-1	3.48	3.57	3.58	3.54	1.46	ppb
Titanium	47-1	603.37	600.66	607.92	603.98	0.61	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.74	0.76	0.75	2.19	ppb
Vanadium	51-2	547.72	546.62	545.11	546.48	0.24	ppb
Yttrium	89-1				121		%
Yttrium	89-2				117		%
Zinc	66-2	396.29	397.41	396.55	396.75	0.15	ppb
Zirconium	90-1	6.17	6.10	6.24	6.17	1.17	ppb
Zirconium	91-1	6.21	6.20	6.43	6.28	2.06	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58572.92	58595.29	57570.30	58246.17	1.01	ppb
Antimony	121-1	3.29	3.37	3.40	3.35	1.69	ppb
Arsenic	75-2	160.61	163.94	162.36	162.30	1.03	ppb
Barium	135-1	162.11	166.64	164.81	164.52	1.39	ppb
Barium	137-1	164.14	168.43	167.76	166.78	1.38	ppb
Beryllium	9-1	1.07	0.95	0.93	0.98	7.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.60	4.91	5.04	4.85	4.67	ppb
Cadmium	106-1	6.19	5.97	5.75	5.97	3.71	ppb
Cadmium	111-1	3.28	3.36	3.32	3.32	1.22	ppb
Calcium	43-1	12139.20	12370.57	12239.32	12249.70	0.95	ppb
Calcium	44-1	11452.53	11428.47	11347.33	11409.44	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	217.30	216.56	217.11	216.99	0.18	ppb
Cobalt	59-2	112.93	112.45	113.52	112.97	0.47	ppb
Copper	63-2	494.51	483.86	483.51	487.30	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	143821.23	145101.01	145541.82	144821.35	0.62	ppb
Iron	57-2	140979.03	142386.95	139885.53	141083.83	0.89	ppb
Iron	54-2	143065.64	143760.15	144415.64	143747.15	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	105.84	109.45	109.84	108.38	2.03	ppb
Lead	207-1	106.00	110.72	109.33	108.68	2.23	ppb
Lead	208-1	111.24	114.69	114.60	113.51	1.73	ppb
Lithium	6-1				95		%
Magnesium	24-2	37878.02	38133.37	38017.86	38009.75	0.34	ppb
Manganese	55-2	2784.53	2800.19	2800.75	2795.16	0.33	ppb
Molybdenum	94-1	12.61	12.67	12.70	12.66	0.36	ppb
Molybdenum	95-1	0.86	0.97	0.89	0.91	6.24	ppb
Molybdenum	96-1	3.02	3.03	2.95	3.00	1.54	ppb
Molybdenum	97-1	0.87	0.88	0.91	0.89	2.53	ppb
Molybdenum	98-1	0.86	0.84	0.84	0.85	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.75	142.89	144.24	143.96	0.67	ppb
Phosphorus	31-2	1313.94	1313.78	1326.88	1318.20	0.57	ppb
Potassium	39-2	4711.10	4681.70	4689.42	4694.07	0.32	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				124		%
Scandium	45-2				124		%
Selenium	82-1	1.17	1.33	1.26	1.25	6.44	ppb
Selenium	77-2	8.90	5.77	8.17	7.62	21.51	ppb
Selenium	78-2	1.26	2.88	1.23	1.79	52.64	ppb
Silicon	28-1	657.92	658.52	652.18	656.21	0.53	ppb
Silver	107-1	0.52	0.53	0.55	0.54	2.85	ppb
Silver	109-1	0.53	0.56	0.55	0.55	2.96	ppb
Sodium	23-2	347.03	348.90	346.99	347.64	0.31	ppb
Strontium	86-1	55.26	55.56	56.36	55.72	1.03	ppb
Strontium	88-1	55.57	55.43	55.42	55.47	0.15	ppb
Sulfur	34-1	-1251.46	-1219.02	-1256.66	-1242.38		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.17	0.19	0.17	7.73	ppb
Thallium	205-1	0.16	0.18	0.17	0.17	5.65	ppb
Tin	118-1	3.07	3.28	3.24	3.20	3.36	ppb
Titanium	47-1	3065.93	3120.49	3038.73	3075.05	1.35	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.48	0.47	0.46	4.35	ppb
Vanadium	51-2	297.95	301.18	302.21	300.45	0.74	ppb
Yttrium	89-1				120		%
Yttrium	89-2				114		%
Zinc	66-2	384.60	384.28	382.19	383.69	0.34	ppb
Zirconium	90-1	7.03	7.16	7.17	7.12	1.08	ppb
Zirconium	91-1	7.16	7.11	7.31	7.19	1.40	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62814.70	62914.99	62786.95	62838.88	0.11	ppb
Antimony	121-1	2.83	2.94	2.88	2.88	1.90	ppb
Arsenic	75-2	168.58	167.58	168.43	168.19	0.32	ppb
Barium	135-1	215.72	218.67	220.51	218.30	1.11	ppb
Barium	137-1	219.03	221.15	224.54	221.57	1.25	ppb
Beryllium	9-1	1.09	0.99	1.11	1.06	6.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.45	4.90	5.06	4.80	6.65	ppb
Cadmium	106-1	5.23	5.63	5.93	5.60	6.26	ppb
Cadmium	111-1	2.74	2.71	2.95	2.80	4.61	ppb
Calcium	43-1	11682.64	11720.79	11625.19	11676.21	0.41	ppb
Calcium	44-1	10742.77	10898.13	10741.25	10794.05	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213.41	213.14	211.10	212.55	0.59	ppb
Cobalt	59-2	120.59	121.45	120.44	120.83	0.45	ppb
Copper	63-2	481.53	490.27	493.99	488.60	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	154326.04	157268.83	153974.23	155189.70	1.17	ppb
Iron	57-2	149946.36	152257.69	152512.15	151572.07	0.93	ppb
Iron	54-2	154180.61	155237.93	152135.36	153851.30	1.03	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	98.65	99.38	98.45	98.83	0.50	ppb
Lead	207-1	99.07	99.99	98.55	99.20	0.73	ppb
Lead	208-1	102.57	103.86	103.59	103.34	0.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	41323.23	40951.69	40920.23	41065.05	0.55	ppb
Manganese	55-2	3170.17	3233.36	3118.61	3174.04	1.81	ppb
Molybdenum	94-1	12.30	12.30	12.34	12.31	0.19	ppb
Molybdenum	95-1	0.95	0.94	0.93	0.94	1.13	ppb
Molybdenum	96-1	3.13	3.06	2.99	3.06	2.19	ppb
Molybdenum	97-1	0.89	0.92	0.94	0.92	2.71	ppb
Molybdenum	98-1	0.91	0.92	0.91	0.92	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.71	158.70	159.06	158.49	0.44	ppb
Phosphorus	31-2	1393.35	1424.29	1346.01	1387.88	2.84	ppb
Potassium	39-2	8376.01	8301.45	8209.79	8295.75	1.00	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				125		%
Scandium	45-2				124		%
Selenium	82-1	1.73	1.07	1.52	1.44	23.34	ppb
Selenium	77-2	10.61	7.17	5.69	7.82	32.28	ppb
Selenium	78-2	2.21	2.39	1.98	2.19	9.30	ppb
Silicon	28-1	658.07	659.14	645.08	654.10	1.20	ppb
Silver	107-1	0.56	0.59	0.61	0.59	3.75	ppb
Silver	109-1	0.57	0.58	0.61	0.58	3.47	ppb
Sodium	23-2	325.49	329.09	327.76	327.45	0.56	ppb
Strontium	86-1	54.46	54.61	54.55	54.54	0.14	ppb
Strontium	88-1	53.50	54.54	53.72	53.92	1.02	ppb
Sulfur	34-1	-1159.28	-1188.63	-1281.18	-1209.70		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.23	0.22	0.20	0.22	8.34	ppb
Thallium	205-1	0.20	0.21	0.20	0.20	3.04	ppb
Tin	118-1	3.04	3.10	3.09	3.08	1.04	ppb
Titanium	47-1	2366.68	2339.29	2300.75	2335.57	1.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.51	0.51	0.51	1.34	ppb
Vanadium	51-2	319.62	318.57	322.00	320.06	0.55	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	332.75	329.49	330.22	330.82	0.52	ppb
Zirconium	90-1	6.91	7.03	6.93	6.96	0.90	ppb
Zirconium	91-1	6.99	7.08	6.87	6.98	1.53	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63063.04	63510.51	63002.50	63192.02	0.44	ppb
Antimony	121-1	2.70	2.76	2.82	2.76	2.27	ppb
Arsenic	75-2	180.56	179.76	177.29	179.21	0.95	ppb
Barium	135-1	238.00	242.41	243.80	241.40	1.25	ppb
Barium	137-1	241.86	245.21	248.56	245.21	1.37	ppb
Beryllium	9-1	1.28	1.21	1.18	1.22	4.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.50	5.00	5.22	4.91	7.58	ppb
Cadmium	106-1	5.96	6.07	5.69	5.91	3.28	ppb
Cadmium	111-1	2.86	2.84	2.97	2.89	2.47	ppb
Calcium	43-1	12955.51	13044.23	13117.99	13039.24	0.62	ppb
Calcium	44-1	12035.08	12071.03	12177.78	12094.63	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	218.94	218.06	217.74	218.25	0.29	ppb
Cobalt	59-2	119.95	119.26	120.41	119.87	0.48	ppb
Copper	63-2	513.40	507.76	513.31	511.49	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				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	154254.38	151722.16	152763.96	152913.50	0.83	ppb
Iron	57-2	153410.28	150347.09	150735.73	151497.70	1.10	ppb
Iron	54-2	151790.11	151232.81	152005.01	151675.98	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.60	82.10	83.64	82.78	0.95	ppb
Lead	207-1	82.84	83.71	83.22	83.26	0.53	ppb
Lead	208-1	82.17	82.58	83.02	82.59	0.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	38674.19	38571.62	38937.76	38727.86	0.49	ppb
Manganese	55-2	3516.96	3486.60	3519.26	3507.61	0.52	ppb
Molybdenum	94-1	14.86	15.40	14.96	15.07	1.91	ppb
Molybdenum	95-1	0.98	1.03	1.03	1.01	2.85	ppb
Molybdenum	96-1	3.36	3.34	3.33	3.34	0.43	ppb
Molybdenum	97-1	0.93	1.04	0.98	0.98	5.66	ppb
Molybdenum	98-1	0.95	0.98	0.94	0.96	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.77	153.17	152.82	152.59	0.47	ppb
Phosphorus	31-2	1254.21	1222.08	1246.71	1241.00	1.35	ppb
Potassium	39-2	4287.57	4304.27	4297.20	4296.35	0.20	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				123		%
Scandium	45-2				122		%
Selenium	82-1	1.92	1.61	1.57	1.70	11.04	ppb
Selenium	77-2	6.74	10.00	9.10	8.61	19.58	ppb
Selenium	78-2	1.81	2.59	2.86	2.42	22.36	ppb
Silicon	28-1	560.44	562.51	563.97	562.31	0.32	ppb
Silver	107-1	0.50	0.54	0.57	0.54	6.30	ppb
Silver	109-1	0.52	0.52	0.53	0.52	0.29	ppb
Sodium	23-2	251.01	253.09	250.95	251.68	0.48	ppb
Strontium	86-1	63.33	64.47	64.03	63.95	0.90	ppb
Strontium	88-1	62.76	63.05	62.10	62.64	0.78	ppb
Sulfur	34-1	-1053.69	-1057.50	-1130.85	-1080.68		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.18	0.18	0.18	2.55	ppb
Thallium	205-1	0.17	0.18	0.17	0.17	1.96	ppb
Tin	118-1	2.68	2.70	2.76	2.71	1.40	ppb
Titanium	47-1	2294.67	2315.96	2293.09	2301.24	0.56	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.61	0.64	0.62	2.83	ppb
Vanadium	51-2	316.68	313.00	315.73	315.13	0.61	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	327.48	327.94	329.26	328.22	0.28	ppb
Zirconium	90-1	8.39	8.53	8.54	8.49	0.96	ppb
Zirconium	91-1	8.40	8.58	8.34	8.44	1.49	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70058.87	63058.70	60257.28	64458.28	7.83	ppb
Antimony	121-1	2.58	2.65	2.60	2.61	1.25	ppb
Arsenic	75-2	221.33	197.23	191.38	203.32	7.81	ppb
Barium	135-1	214.71	216.36	212.37	214.48	0.93	ppb
Barium	137-1	219.53	216.38	217.14	217.68	0.75	ppb
Beryllium	9-1	1.11	1.10	1.08	1.10	1.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.69	5.88	5.61	5.73	2.46	ppb
Cadmium	106-1	7.72	7.60	6.75	7.36	7.18	ppb
Cadmium	111-1	3.61	3.53	3.50	3.55	1.53	ppb
Calcium	43-1	11587.90	11713.50	11728.04	11676.48	0.66	ppb
Calcium	44-1	10692.20	10695.94	10642.72	10676.95	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234.30	210.13	205.62	216.68	7.12	ppb
Cobalt	59-2	141.70	128.07	124.51	131.43	6.90	ppb
Copper	63-2	635.63	572.78	561.36	589.92	6.78	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				107		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	169224.28	154035.95	147549.21	156936.48	7.09	ppb
Iron	57-2	165029.74	148402.57	146047.20	153159.84	6.76	ppb
Iron	54-2	167841.56	150101.79	147034.49	154992.61	7.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	137.94	138.20	139.09	138.41	0.43	ppb
Lead	207-1	138.86	139.33	142.04	140.08	1.22	ppb
Lead	208-1	144.70	145.98	147.16	145.95	0.84	ppb
Lithium	6-1				95		%
Magnesium	24-2	43474.63	39101.02	38100.76	40225.47	7.10	ppb
Manganese	55-2	3379.75	3089.73	2951.79	3140.42	6.96	ppb
Molybdenum	94-1	14.91	15.05	15.22	15.06	1.03	ppb
Molybdenum	95-1	1.09	1.10	1.11	1.10	1.06	ppb
Molybdenum	96-1	3.40	3.49	3.40	3.43	1.51	ppb
Molybdenum	97-1	1.07	1.07	1.09	1.08	0.97	ppb
Molybdenum	98-1	1.04	1.06	1.03	1.04	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	169.28	152.81	147.97	156.69	7.13	ppb
Phosphorus	31-2	1777.66	1604.44	1577.12	1653.07	6.58	ppb
Potassium	39-2	6547.53	5912.10	5777.03	6078.89	6.77	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				120		%
Scandium	45-2				113		%
Selenium	82-1	1.17	0.98	1.11	1.09	8.81	ppb
Selenium	77-2	9.89	8.47	10.21	9.52	9.72	ppb
Selenium	78-2	3.42	3.36	2.11	2.96	24.95	ppb
Silicon	28-1	764.76	773.18	762.97	766.97	0.71	ppb
Silver	107-1	0.90	0.89	0.86	0.88	2.61	ppb
Silver	109-1	0.87	0.90	0.88	0.88	1.40	ppb
Sodium	23-2	253.97	227.60	221.82	234.47	7.31	ppb
Strontium	86-1	61.83	62.21	62.51	62.18	0.55	ppb
Strontium	88-1	61.71	61.43	60.66	61.27	0.88	ppb
Sulfur	34-1	-846.56	-802.42	-884.32	-844.44		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.20	0.20	0.21	0.20	1.60	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.68	ppb
Tin	118-1	3.19	3.12	3.17	3.16	1.17	ppb
Titanium	47-1	1807.33	1833.28	1815.40	1818.67	0.73	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.67	0.69	0.67	2.69	ppb
Vanadium	51-2	376.28	331.80	325.92	344.67	7.99	ppb
Yttrium	89-1				115		%
Yttrium	89-2				106		%
Zinc	66-2	449.58	408.33	396.01	417.97	6.71	ppb
Zirconium	90-1	8.43	8.56	8.56	8.52	0.92	ppb
Zirconium	91-1	8.56	8.66	8.56	8.59	0.68	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62810.85	62847.56	63972.34	63210.25	1.04	ppb
Antimony	121-1	2.84	2.81	2.80	2.82	0.66	ppb
Arsenic	75-2	196.51	197.91	198.22	197.55	0.46	ppb
Barium	135-1	220.69	216.53	219.55	218.92	0.98	ppb
Barium	137-1	222.78	219.84	224.45	222.36	1.05	ppb
Beryllium	9-1	1.03	1.27	1.12	1.14	10.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.10	5.43	6.36	5.63	11.59	ppb
Cadmium	106-1	6.72	5.94	6.91	6.53	7.89	ppb
Cadmium	111-1	3.70	3.50	3.54	3.58	2.98	ppb
Calcium	43-1	12117.49	12269.02	12204.74	12197.09	0.62	ppb
Calcium	44-1	11068.91	11205.67	11210.31	11161.63	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214.33	211.64	213.13	213.03	0.63	ppb
Cobalt	59-2	126.96	125.76	125.30	126.01	0.68	ppb
Copper	63-2	561.14	563.98	562.46	562.53	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	152617.02	151557.89	153427.89	152534.27	0.61	ppb
Iron	57-2	150030.42	148600.50	150319.68	149650.20	0.62	ppb
Iron	54-2	151980.37	149646.28	152613.24	151413.30	1.03	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	139.93	141.77	142.11	141.27	0.83	ppb
Lead	207-1	142.30	143.12	142.74	142.72	0.29	ppb
Lead	208-1	147.00	148.34	147.19	147.51	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	39713.82	39426.44	40112.69	39750.98	0.87	ppb
Manganese	55-2	3027.43	3022.20	3063.37	3037.66	0.74	ppb
Molybdenum	94-1	15.44	16.03	15.61	15.69	1.94	ppb
Molybdenum	95-1	1.14	1.13	1.10	1.12	1.84	ppb
Molybdenum	96-1	3.51	3.49	3.53	3.51	0.62	ppb
Molybdenum	97-1	1.06	1.10	1.09	1.09	2.20	ppb
Molybdenum	98-1	1.04	1.05	1.06	1.05	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.97	153.00	154.60	153.53	0.61	ppb
Phosphorus	31-2	1633.04	1608.34	1617.95	1619.78	0.77	ppb
Potassium	39-2	5907.04	5938.89	5937.74	5927.89	0.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				120		%
Scandium	45-2				121		%
Selenium	82-1	1.43	1.29	1.44	1.39	6.17	ppb
Selenium	77-2	7.24	7.57	8.34	7.72	7.33	ppb
Selenium	78-2	2.32	2.72	0.83	1.96	51.01	ppb
Silicon	28-1	737.86	742.10	727.76	735.91	1.00	ppb
Silver	107-1	0.87	0.87	0.87	0.87	0.62	ppb
Silver	109-1	0.90	0.92	0.89	0.90	1.34	ppb
Sodium	23-2	221.55	221.69	225.95	223.06	1.12	ppb
Strontium	86-1	62.50	64.26	63.46	63.41	1.39	ppb
Strontium	88-1	63.50	63.66	64.45	63.87	0.80	ppb
Sulfur	34-1	-972.78	-956.75	-972.90	-967.47		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.19	0.20	0.22	0.20	5.81	ppb
Thallium	205-1	0.20	0.20	0.19	0.20	1.34	ppb
Tin	118-1	3.14	3.12	3.20	3.15	1.38	ppb
Titanium	47-1	1918.70	1943.81	1961.69	1941.40	1.11	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.67	0.68	0.68	0.55	ppb
Vanadium	51-2	335.13	332.18	336.72	334.68	0.69	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	405.32	403.31	405.14	404.59	0.27	ppb
Zirconium	90-1	8.72	8.83	8.89	8.81	1.00	ppb
Zirconium	91-1	8.66	9.04	8.91	8.87	2.21	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12908.00	12946.21	12847.35	12900.52	0.39	ppb
Antimony	121-1	0.52	0.54	0.55	0.54	3.26	ppb
Arsenic	75-2	39.37	39.07	39.72	39.39	0.83	ppb
Barium	135-1	40.59	41.46	41.72	41.26	1.43	ppb
Barium	137-1	41.91	41.83	42.44	42.06	0.79	ppb
Beryllium	9-1	0.19	0.20	0.19	0.19	0.82	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.83	1.31	1.02	1.05	23.02	ppb
Cadmium	106-1	1.62	1.21	0.96	1.26	26.62	ppb
Cadmium	111-1	0.73	0.67	0.69	0.70	4.21	ppb
Calcium	43-1	2442.26	2403.47	2465.89	2437.21	1.29	ppb
Calcium	44-1	2263.48	2260.95	2304.32	2276.25	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.65	43.79	43.39	43.61	0.47	ppb
Cobalt	59-2	26.61	26.58	26.32	26.51	0.60	ppb
Copper	63-2	121.02	121.48	120.19	120.90	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				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	31654.61	31754.92	31449.33	31619.62	0.49	ppb
Iron	57-2	30816.61	30980.89	30236.33	30677.94	1.28	ppb
Iron	54-2	31173.83	31354.71	31182.92	31237.15	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.77	27.05	26.59	26.80	0.87	ppb
Lead	207-1	26.75	27.53	26.79	27.02	1.61	ppb
Lead	208-1	26.57	27.07	26.44	26.69	1.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	8081.11	8061.35	8060.60	8067.69	0.14	ppb
Manganese	55-2	634.65	635.54	631.18	633.79	0.36	ppb
Molybdenum	94-1	2.84	3.04	2.98	2.95	3.51	ppb
Molybdenum	95-1	0.23	0.20	0.22	0.22	6.12	ppb
Molybdenum	96-1	0.69	0.71	0.68	0.70	2.49	ppb
Molybdenum	97-1	0.25	0.21	0.23	0.23	7.89	ppb
Molybdenum	98-1	0.23	0.21	0.22	0.22	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.79	32.05	31.63	31.82	0.66	ppb
Phosphorus	31-2	323.20	316.44	306.88	315.51	2.60	ppb
Potassium	39-2	1331.71	1333.24	1330.11	1331.69	0.12	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	0.20	0.50	0.36	0.35	43.34	ppb
Selenium	77-2	2.27	1.74	3.24	2.42	31.66	ppb
Selenium	78-2	0.61	-0.83	0.68	0.15	563.20	ppb
Silicon	28-1	151.37	150.73	150.81	150.97	0.23	ppb
Silver	107-1	0.17	0.17	0.18	0.17	4.01	ppb
Silver	109-1	0.17	0.17	0.17	0.17	0.44	ppb
Sodium	23-2	74.60	76.02	73.61	74.74	1.62	ppb
Strontium	86-1	12.38	12.65	12.41	12.48	1.21	ppb
Strontium	88-1	12.75	12.63	12.60	12.66	0.65	ppb
Sulfur	34-1	-1035.19	-1138.31	-1125.28	-1099.60		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.04	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	16.43	ppb
Tin	118-1	0.56	0.56	0.55	0.56	0.91	ppb
Titanium	47-1	389.72	388.57	391.21	389.83	0.34	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.12	0.12	0.12	5.25	ppb
Vanadium	51-2	71.62	72.12	70.79	71.51	0.94	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	86.07	87.13	84.78	85.99	1.37	ppb
Zirconium	90-1	1.65	1.66	1.63	1.64	0.92	ppb
Zirconium	91-1	1.69	1.62	1.63	1.65	2.09	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63024.19	63022.99	62959.03	63002.07	0.06	ppb
Antimony	121-1	61.94	62.83	61.91	62.23	0.84	ppb
Arsenic	75-2	218.04	214.98	215.24	216.08	0.79	ppb
Barium	135-1	1482.38	1521.12	1484.13	1495.88	1.46	ppb
Barium	137-1	1485.48	1504.54	1503.33	1497.78	0.71	ppb
Beryllium	9-1	37.75	37.42	37.75	37.64	0.50	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.02	33.17	32.97	33.05	0.32	ppb
Cadmium	106-1	34.32	32.49	31.98	32.93	3.74	ppb
Cadmium	111-1	33.52	33.77	33.64	33.64	0.37	ppb
Calcium	43-1	11768.81	11928.97	11749.04	11815.61	0.84	ppb
Calcium	44-1	10912.08	10943.91	10847.98	10901.33	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313.04	314.41	320.40	315.95	1.24	ppb
Cobalt	59-2	413.19	416.90	419.93	416.67	0.81	ppb
Copper	63-2	705.86	702.19	692.95	700.33	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	150692.83	149800.09	150208.59	150233.84	0.30	ppb
Iron	57-2	149547.66	148393.47	148620.20	148853.77	0.41	ppb
Iron	54-2	148443.87	147952.08	148036.05	148144.00	0.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	151.86	152.54	152.51	152.30	0.25	ppb
Lead	207-1	152.64	153.16	154.88	153.56	0.76	ppb
Lead	208-1	158.78	158.03	159.98	158.93	0.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	38757.27	38257.01	38620.58	38544.95	0.67	ppb
Manganese	55-2	3287.54	3247.53	3248.73	3261.27	0.70	ppb
Molybdenum	94-1	15.12	15.27	15.42	15.27	0.97	ppb
Molybdenum	95-1	1.18	1.11	1.13	1.14	2.84	ppb
Molybdenum	96-1	3.52	3.45	3.45	3.47	1.21	ppb
Molybdenum	97-1	1.08	1.10	1.04	1.07	2.94	ppb
Molybdenum	98-1	1.08	1.11	1.13	1.11	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	443.05	441.76	443.80	442.87	0.23	ppb
Phosphorus	31-2	1606.95	1597.42	1594.84	1599.74	0.40	ppb
Potassium	39-2	5847.85	5832.26	5802.14	5827.42	0.40	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				122		%
Scandium	45-2				122		%
Selenium	82-1	72.54	73.83	74.61	73.66	1.42	ppb
Selenium	77-2	76.96	77.22	83.89	79.36	4.95	ppb
Selenium	78-2	71.32	71.11	73.35	71.92	1.72	ppb
Silicon	28-1	738.53	726.99	730.52	732.01	0.81	ppb
Silver	107-1	28.82	29.20	29.02	29.01	0.65	ppb
Silver	109-1	28.84	29.22	28.88	28.98	0.73	ppb
Sodium	23-2	213.05	213.48	216.33	214.28	0.83	ppb
Strontium	86-1	62.86	62.39	63.65	62.97	1.01	ppb
Strontium	88-1	62.73	63.53	62.48	62.91	0.87	ppb
Sulfur	34-1	-1051.50	-1039.74	-1083.74	-1058.32		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	26.25	26.72	26.79	26.58	1.11	ppb
Thallium	205-1	26.71	26.68	26.74	26.71	0.11	ppb
Tin	118-1	3.17	3.15	3.08	3.13	1.54	ppb
Titanium	47-1	1861.89	1871.42	1871.59	1868.30	0.30	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.68	0.69	0.68	1.88	ppb
Vanadium	51-2	613.51	612.14	625.82	617.16	1.22	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	695.36	694.79	695.45	695.20	0.05	ppb
Zirconium	90-1	8.51	8.57	8.63	8.57	0.71	ppb
Zirconium	91-1	8.57	8.51	8.58	8.56	0.43	ppb

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66703.50	65293.93	66540.74	66179.39	1.17	ppb
Antimony	121-1	286.63	290.25	288.72	288.53	0.63	ppb
Arsenic	75-2	298.90	292.05	296.36	295.77	1.17	ppb
Barium	135-1	5860.80	5829.09	5683.92	5791.27	1.63	ppb
Barium	137-1	5829.05	5888.53	5775.95	5831.17	0.97	ppb
Beryllium	9-1	158.97	158.99	161.77	159.91	1.01	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.10	137.47	135.36	135.98	0.95	ppb
Cadmium	106-1	134.82	132.94	130.52	132.76	1.62	ppb
Cadmium	111-1	146.46	146.10	146.96	146.51	0.29	ppb
Calcium	43-1	11621.65	11747.17	11701.13	11689.98	0.54	ppb
Calcium	44-1	10639.99	10796.79	10784.33	10740.37	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	737.41	719.26	730.19	728.96	1.25	ppb
Cobalt	59-2	1467.53	1413.66	1446.28	1442.49	1.88	ppb
Copper	63-2	1196.83	1177.40	1202.35	1192.19	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	151536.84	149396.31	153428.35	151453.83	1.33	ppb
Iron	57-2	148554.68	147172.92	150401.42	148709.67	1.09	ppb
Iron	54-2	151096.13	148550.95	150629.50	150092.19	0.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.71	205.76	207.92	199.80	6.13	ppb
Lead	207-1	187.44	187.12	190.72	188.43	1.06	ppb
Lead	208-1	195.60	202.67	201.95	200.07	1.95	ppb
Lithium	6-1				98		%
Magnesium	24-2	38492.84	38116.57	38320.33	38309.92	0.49	ppb
Manganese	55-2	4279.93	4182.70	4286.38	4249.67	1.37	ppb
Molybdenum	94-1	15.15	15.21	15.37	15.24	0.74	ppb
Molybdenum	95-1	1.15	1.16	1.19	1.17	1.51	ppb
Molybdenum	96-1	3.48	3.43	3.50	3.47	1.17	ppb
Molybdenum	97-1	1.11	1.08	1.09	1.09	1.02	ppb
Molybdenum	98-1	1.11	1.11	1.13	1.12	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1489.72	1453.33	1490.27	1477.77	1.43	ppb
Phosphorus	31-2	1574.05	1547.05	1572.14	1564.41	0.96	ppb
Potassium	39-2	5789.47	5782.65	5753.36	5775.16	0.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	82-1	300.83	305.04	306.10	303.99	0.92	ppb
Selenium	77-2	310.81	305.35	308.02	308.06	0.89	ppb
Selenium	78-2	290.77	294.56	287.49	290.94	1.22	ppb
Silicon	28-1	744.37	747.10	743.47	744.98	0.25	ppb
Silver	107-1	90.59	87.04	85.78	87.80	2.84	ppb
Silver	109-1	97.43	93.64	100.89	97.32	3.73	ppb
Sodium	23-2	212.29	211.25	213.39	212.31	0.50	ppb
Strontium	86-1	61.98	62.53	62.46	62.32	0.48	ppb
Strontium	88-1	61.00	62.19	62.38	61.86	1.21	ppb
Sulfur	34-1	-1103.78	-1110.43	-1105.21	-1106.47		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	126.29	127.41	128.42	127.37	0.84	ppb
Thallium	205-1	137.95	136.03	138.93	137.64	1.07	ppb
Tin	118-1	2.96	2.93	2.93	2.94	0.70	ppb
Titanium	47-1	1826.76	1858.24	1822.06	1835.68	1.07	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.66	0.66	0.66	0.90	ppb
Vanadium	51-2	1657.33	1616.82	1632.03	1635.39	1.25	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	1738.40	1682.32	1730.36	1717.03	1.77	ppb
Zirconium	90-1	8.34	8.60	8.58	8.51	1.69	ppb
Zirconium	91-1	8.60	8.57	8.64	8.60	0.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63834.08	65073.49	63830.18	64245.92	1.12	ppb
Antimony	121-1	3.33	3.25	3.42	3.33	2.58	ppb
Arsenic	75-2	205.24	206.42	206.40	206.02	0.33	ppb
Barium	135-1	211.84	213.55	214.30	213.23	0.59	ppb
Barium	137-1	212.77	215.86	219.26	215.96	1.50	ppb
Beryllium	9-1	1.21	1.09	1.24	1.18	6.65	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.03	5.42	5.25	5.23	3.66	ppb
Cadmium	106-1	6.68	6.07	6.48	6.41	4.80	ppb
Cadmium	111-1	3.60	3.50	3.52	3.54	1.48	ppb
Calcium	43-1	11138.77	11264.55	11012.26	11138.52	1.13	ppb
Calcium	44-1	10340.04	10448.20	10335.13	10374.46	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.13	208.42	206.15	207.57	0.59	ppb
Cobalt	59-2	113.11	113.00	111.62	112.58	0.74	ppb
Copper	63-2	539.25	546.03	541.53	542.27	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	155588.04	156010.98	153563.89	155054.30	0.84	ppb
Iron	57-2	149706.75	150786.25	149532.76	150008.58	0.45	ppb
Iron	54-2	153869.81	152335.34	153629.37	153278.17	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	137.83	140.53	142.16	140.17	1.56	ppb
Lead	207-1	137.24	142.43	143.05	140.91	2.27	ppb
Lead	208-1	145.04	148.65	151.41	148.37	2.15	ppb
Lithium	6-1				95		%
Magnesium	24-2	38978.12	39390.67	38556.58	38975.13	1.07	ppb
Manganese	55-2	3233.99	3258.61	3216.77	3236.45	0.65	ppb
Molybdenum	94-1	16.30	16.38	16.70	16.46	1.30	ppb
Molybdenum	95-1	1.72	1.71	1.75	1.72	1.29	ppb
Molybdenum	96-1	4.06	4.22	4.20	4.16	2.11	ppb
Molybdenum	97-1	1.67	1.72	1.75	1.71	2.25	ppb
Molybdenum	98-1	1.68	1.75	1.71	1.71	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.19	147.23	147.00	147.14	0.08	ppb
Phosphorus	31-2	1488.72	1538.40	1492.62	1506.58	1.83	ppb
Potassium	39-2	7239.84	7213.64	7113.77	7189.08	0.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	1.38	2.33	1.57	1.76	28.50	ppb
Selenium	77-2	8.97	8.79	8.87	8.88	0.97	ppb
Selenium	78-2	2.85	3.09	2.71	2.88	6.73	ppb
Silicon	28-1	686.99	679.14	662.64	676.25	1.84	ppb
Silver	107-1	0.96	0.88	0.88	0.90	4.98	ppb
Silver	109-1	0.92	0.90	0.88	0.90	2.60	ppb
Sodium	23-2	269.16	270.87	269.45	269.83	0.34	ppb
Strontium	86-1	50.52	51.32	51.59	51.14	1.09	ppb
Strontium	88-1	50.43	50.31	50.74	50.49	0.44	ppb
Sulfur	34-1	-882.10	-960.18	-1033.85	-958.71		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.26	0.28	0.28	0.27	4.22	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	2.02	ppb
Tin	118-1	3.84	3.84	3.84	3.84	0.10	ppb
Titanium	47-1	2228.47	2232.54	2204.15	2221.72	0.69	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.67	0.68	0.66	3.53	ppb
Vanadium	51-2	322.63	321.55	325.61	323.26	0.65	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	513.27	517.14	510.79	513.73	0.62	ppb
Zirconium	90-1	8.84	9.02	9.07	8.98	1.34	ppb
Zirconium	91-1	8.88	9.05	9.19	9.04	1.69	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69155.98	68457.06	68973.65	68862.23	0.53	ppb
Antimony	121-1	1.23	1.25	1.24	1.24	0.95	ppb
Arsenic	75-2	262.03	261.03	257.83	260.30	0.84	ppb
Barium	135-1	456.69	457.93	461.09	458.57	0.49	ppb
Barium	137-1	481.00	485.78	474.01	480.26	1.23	ppb
Beryllium	9-1	1.41	1.47	1.58	1.49	5.71	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.74	3.70	3.12	3.52	9.86	ppb
Cadmium	106-1	6.04	5.51	6.06	5.87	5.36	ppb
Cadmium	111-1	3.01	2.94	3.03	2.99	1.54	ppb
Calcium	43-1	9647.09	9737.82	9592.03	9658.98	0.76	ppb
Calcium	44-1	8814.02	8842.83	8978.85	8878.57	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.07	159.77	160.08	160.30	0.42	ppb
Cobalt	59-2	95.45	95.21	95.53	95.40	0.18	ppb
Copper	63-2	446.33	447.21	444.18	445.90	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				112		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	175248.94	174007.08	174769.45	174675.16	0.36	ppb
Iron	57-2	173853.53	170666.48	172163.67	172227.89	0.93	ppb
Iron	54-2	174517.45	171576.34	174392.59	173495.46	0.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.42	100.12	100.45	101.66	2.36	ppb
Lead	207-1	101.65	100.84	102.48	101.66	0.81	ppb
Lead	208-1	108.19	105.00	105.46	106.22	1.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	45112.25	44562.96	44955.32	44876.84	0.63	ppb
Manganese	55-2	3475.95	3473.84	3456.06	3468.62	0.32	ppb
Molybdenum	94-1	12.23	12.56	12.65	12.48	1.76	ppb
Molybdenum	95-1	1.37	1.45	1.49	1.44	4.00	ppb
Molybdenum	96-1	3.60	3.77	3.73	3.70	2.36	ppb
Molybdenum	97-1	1.45	1.42	1.42	1.43	1.05	ppb
Molybdenum	98-1	1.37	1.39	1.39	1.39	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.35	137.23	138.26	137.95	0.45	ppb
Phosphorus	31-2	1985.78	1996.01	2016.84	1999.54	0.79	ppb
Potassium	39-2	9631.38	9455.48	9498.06	9528.31	0.96	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				132		%
Scandium	45-2				131		%
Selenium	82-1	1.04	0.85	1.07	0.98	12.23	ppb
Selenium	77-2	16.67	13.51	14.40	14.86	10.98	ppb
Selenium	78-2	2.27	3.00	3.05	2.78	15.68	ppb
Silicon	28-1	669.33	683.77	669.15	674.08	1.24	ppb
Silver	107-1	0.60	0.60	0.60	0.60	0.47	ppb
Silver	109-1	0.61	0.62	0.62	0.62	0.41	ppb
Sodium	23-2	186.86	185.68	188.37	186.97	0.72	ppb
Strontium	86-1	63.46	64.82	63.77	64.02	1.12	ppb
Strontium	88-1	64.03	63.92	63.92	63.96	0.10	ppb
Sulfur	34-1	-1312.66	-1264.61	-1354.50	-1310.59		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.27	0.26	0.26	0.26	1.84	ppb
Thallium	205-1	0.26	0.26	0.27	0.26	1.19	ppb
Tin	118-1	3.29	3.27	3.21	3.26	1.19	ppb
Titanium	47-1	1032.02	1043.31	1025.25	1033.53	0.88	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.74	0.74	0.74	1.51	ppb
Vanadium	51-2	515.28	502.00	501.37	506.22	1.55	ppb
Yttrium	89-1				122		%
Yttrium	89-2				118		%
Zinc	66-2	387.95	389.58	387.92	388.48	0.24	ppb
Zirconium	90-1	6.55	6.81	6.78	6.71	2.11	ppb
Zirconium	91-1	6.76	6.94	6.91	6.87	1.42	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28462.75	28318.76	28677.01	28486.17	0.63	ppb
Antimony	121-1	0.96	0.98	0.96	0.97	1.15	ppb
Arsenic	75-2	42.77	44.22	44.52	43.83	2.13	ppb
Barium	135-1	255.01	262.67	262.95	260.21	1.73	ppb
Barium	137-1	255.48	264.66	263.28	261.14	1.90	ppb
Beryllium	9-1	1.11	1.19	1.25	1.18	6.04	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.70	0.96	0.98	0.88	17.40	ppb
Cadmium	106-1	3.14	2.91	2.02	2.69	22.05	ppb
Cadmium	111-1	1.13	1.11	1.06	1.10	3.36	ppb
Calcium	43-1	12590.62	12920.18	12767.57	12759.45	1.29	ppb
Calcium	44-1	11645.50	11848.89	11690.83	11728.40	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.29	47.83	48.43	48.18	0.65	ppb
Cobalt	59-2	25.99	26.03	26.68	26.24	1.48	ppb
Copper	63-2	97.69	98.20	99.09	98.33	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	58907.41	59190.43	59857.03	59318.29	0.82	ppb
Iron	57-2	58422.40	59336.30	58972.31	58910.34	0.78	ppb
Iron	54-2	59261.75	58729.48	59334.69	59108.64	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.19	67.22	66.47	66.29	1.55	ppb
Lead	207-1	64.68	66.31	65.37	65.45	1.25	ppb
Lead	208-1	64.40	66.06	65.30	65.25	1.27	ppb
Lithium	6-1				96		%
Magnesium	24-2	13060.15	13238.92	13184.39	13161.15	0.70	ppb
Manganese	55-2	1174.44	1173.22	1180.00	1175.89	0.31	ppb
Molybdenum	94-1	2.80	2.71	2.90	2.81	3.31	ppb
Molybdenum	95-1	0.90	0.87	0.92	0.90	2.43	ppb
Molybdenum	96-1	1.46	1.43	1.47	1.45	1.22	ppb
Molybdenum	97-1	0.93	0.89	0.95	0.93	3.17	ppb
Molybdenum	98-1	0.89	0.89	0.91	0.89	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.78	36.86	37.71	37.11	1.39	ppb
Phosphorus	31-2	2998.23	2970.05	3065.72	3011.33	1.63	ppb
Potassium	39-2	8411.60	8145.58	8257.33	8271.51	1.61	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	0.72	0.56	0.45	0.58	23.07	ppb
Selenium	77-2	13.16	15.35	14.75	14.42	7.84	ppb
Selenium	78-2	4.20	3.00	3.18	3.46	18.73	ppb
Silicon	28-1	663.29	666.29	666.25	665.28	0.26	ppb
Silver	107-1	0.37	0.38	0.40	0.38	4.06	ppb
Silver	109-1	0.37	0.38	0.37	0.38	2.03	ppb
Sodium	23-2	273.81	274.93	279.37	276.04	1.06	ppb
Strontium	86-1	71.61	71.93	72.87	72.14	0.90	ppb
Strontium	88-1	71.00	72.11	72.33	71.81	0.99	ppb
Sulfur	34-1	-550.91	-610.67	-697.68	-619.75		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.21	0.21	0.22	0.21	2.15	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	4.51	ppb
Tin	118-1	4.25	4.40	4.36	4.34	1.81	ppb
Titanium	47-1	752.85	767.07	760.37	760.10	0.94	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.91	0.91	1.16	ppb
Vanadium	51-2	99.12	99.11	100.77	99.67	0.96	ppb
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	316.20	315.79	320.34	317.44	0.79	ppb
Zirconium	90-1	1.17	1.18	1.22	1.19	2.52	ppb
Zirconium	91-1	1.15	1.22	1.21	1.19	3.16	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23633.82	23419.43	23558.81	23537.35	0.46	ppb
Antimony	121-1	0.60	0.61	0.61	0.61	0.49	ppb
Arsenic	75-2	24.47	24.49	25.02	24.66	1.28	ppb
Barium	135-1	211.00	212.89	214.59	212.83	0.84	ppb
Barium	137-1	212.97	215.28	215.79	214.68	0.70	ppb
Beryllium	9-1	1.15	1.21	1.11	1.16	4.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	0.83	0.69	0.85	20.88	ppb
Cadmium	106-1	2.50	1.91	1.70	2.04	20.41	ppb
Cadmium	111-1	0.73	0.73	0.67	0.71	5.09	ppb
Calcium	43-1	12667.90	13056.17	13037.81	12920.63	1.70	ppb
Calcium	44-1	11759.48	12228.09	11969.09	11985.55	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.84	52.54	53.06	52.81	0.49	ppb
Cobalt	59-2	21.23	21.11	21.66	21.33	1.37	ppb
Copper	63-2	67.02	66.51	66.38	66.64	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	45032.72	44745.27	44608.93	44795.64	0.48	ppb
Iron	57-2	43623.36	43326.39	43293.05	43414.26	0.42	ppb
Iron	54-2	44568.96	43712.73	44617.38	44299.69	1.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.23	40.80	40.87	40.64	0.86	ppb
Lead	207-1	38.00	38.69	38.88	38.52	1.20	ppb
Lead	208-1	38.50	39.26	39.05	38.94	1.01	ppb
Lithium	6-1				90		%
Magnesium	24-2	10525.79	10556.24	10509.35	10530.46	0.23	ppb
Manganese	55-2	874.19	861.52	868.33	868.01	0.73	ppb
Molybdenum	94-1	7.95	8.13	8.21	8.10	1.64	ppb
Molybdenum	95-1	0.61	0.60	0.64	0.62	3.61	ppb
Molybdenum	96-1	1.62	1.69	1.71	1.67	2.75	ppb
Molybdenum	97-1	0.64	0.61	0.52	0.59	10.69	ppb
Molybdenum	98-1	0.59	0.60	0.59	0.59	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.97	45.47	45.51	45.32	0.67	ppb
Phosphorus	31-2	2146.05	2126.97	2103.51	2125.51	1.00	ppb
Potassium	39-2	6871.76	6869.75	6809.30	6850.27	0.52	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.60	0.39	0.23	0.40	45.96	ppb
Selenium	77-2	9.64	11.17	10.69	10.50	7.47	ppb
Selenium	78-2	1.60	2.23	1.59	1.81	20.18	ppb
Silicon	28-1	805.53	820.04	816.13	813.90	0.92	ppb
Silver	107-1	0.21	0.21	0.22	0.21	2.34	ppb
Silver	109-1	0.21	0.21	0.21	0.21	0.94	ppb
Sodium	23-2	279.32	277.83	279.62	278.92	0.34	ppb
Strontium	86-1	65.34	66.48	67.23	66.35	1.44	ppb
Strontium	88-1	65.03	65.89	66.19	65.71	0.92	ppb
Sulfur	34-1	-1004.04	-994.99	-1051.04	-1016.69		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.18	0.17	0.18	2.60	ppb
Thallium	205-1	0.18	0.17	0.18	0.18	1.04	ppb
Tin	118-1	4.23	4.21	4.32	4.25	1.38	ppb
Titanium	47-1	639.87	660.29	655.37	651.84	1.63	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.15	1.16	1.15	0.61	ppb
Vanadium	51-2	80.43	80.20	80.39	80.34	0.16	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	150.55	150.05	152.14	150.91	0.72	ppb
Zirconium	90-1	4.58	4.65	4.69	4.64	1.21	ppb
Zirconium	91-1	4.68	4.67	4.67	4.67	0.11	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39556.56	38931.33	38796.72	39094.87	1.04	ppb
Antimony	121-1	1.17	1.17	1.18	1.17	0.68	ppb
Arsenic	75-2	51.19	50.55	50.81	50.85	0.63	ppb
Barium	135-1	409.55	419.62	412.29	413.82	1.26	ppb
Barium	137-1	434.43	430.66	438.10	434.40	0.86	ppb
Beryllium	9-1	1.79	1.75	2.07	1.87	9.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.87	2.51	2.54	12.87	ppb
Cadmium	106-1	5.11	3.88	4.08	4.36	15.07	ppb
Cadmium	111-1	2.15	2.12	2.17	2.15	1.21	ppb
Calcium	43-1	23751.13	24233.91	23669.64	23884.89	1.28	ppb
Calcium	44-1	22027.68	22156.95	21607.98	21930.87	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.62	60.30	60.87	60.60	0.47	ppb
Cobalt	59-2	34.80	34.11	34.53	34.48	1.01	ppb
Copper	63-2	154.09	153.17	153.10	153.45	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				110		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	79293.51	78262.45	78822.34	78792.77	0.66	ppb
Iron	57-2	78437.58	77372.50	77700.06	77836.71	0.70	ppb
Iron	54-2	78433.53	77879.85	77185.63	77833.00	0.80	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	102.36	103.87	102.06	102.76	0.94	ppb
Lead	207-1	101.36	102.84	102.90	102.37	0.85	ppb
Lead	208-1	106.57	107.38	107.15	107.03	0.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	17606.68	17566.67	17648.96	17607.44	0.23	ppb
Manganese	55-2	1707.15	1697.42	1676.97	1693.85	0.91	ppb
Molybdenum	94-1	14.53	14.78	14.76	14.69	0.94	ppb
Molybdenum	95-1	1.07	1.07	1.03	1.06	2.21	ppb
Molybdenum	96-1	2.88	2.93	2.92	2.91	0.82	ppb
Molybdenum	97-1	1.02	1.04	1.03	1.03	1.15	ppb
Molybdenum	98-1	0.99	1.04	1.01	1.01	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.96	55.05	54.70	54.90	0.32	ppb
Phosphorus	31-2	2938.41	2932.24	2944.14	2938.26	0.20	ppb
Potassium	39-2	9124.19	8965.88	9120.79	9070.29	1.00	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	1.42	0.80	1.01	1.08	29.31	ppb
Selenium	77-2	22.55	18.45	22.03	21.01	10.61	ppb
Selenium	78-2	3.99	4.26	4.26	4.17	3.71	ppb
Silicon	28-1	894.49	908.17	889.31	897.32	1.09	ppb
Silver	107-1	0.55	0.56	0.57	0.56	2.03	ppb
Silver	109-1	0.56	0.56	0.56	0.56	0.44	ppb
Sodium	23-2	347.03	340.23	343.24	343.50	0.99	ppb
Strontium	86-1	114.64	115.23	114.57	114.81	0.32	ppb
Strontium	88-1	113.62	114.22	114.20	114.01	0.30	ppb
Sulfur	34-1	-799.97	-739.12	-796.41	-778.50		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.26	0.25	0.26	3.91	ppb
Thallium	205-1	0.26	0.25	0.26	0.26	2.39	ppb
Tin	118-1	22.01	22.33	22.32	22.22	0.81	ppb
Titanium	47-1	915.46	931.97	911.54	919.66	1.18	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.97	0.98	0.98	0.40	ppb
Vanadium	51-2	131.18	130.82	130.05	130.68	0.44	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	337.55	336.27	338.68	337.50	0.36	ppb
Zirconium	90-1	8.24	8.36	8.26	8.29	0.76	ppb
Zirconium	91-1	8.05	8.36	8.42	8.28	2.42	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45840.03	45239.22	45087.12	45388.79	0.88	ppb
Antimony	121-1	0.87	0.92	0.91	0.90	2.73	ppb
Arsenic	75-2	44.29	43.30	44.50	44.03	1.45	ppb
Barium	135-1	535.08	543.38	547.60	542.02	1.18	ppb
Barium	137-1	548.37	556.94	551.54	552.28	0.78	ppb
Beryllium	9-1	2.06	2.11	2.06	2.08	1.46	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.91	2.09	2.00	4.69	ppb
Cadmium	106-1	3.25	3.10	4.13	3.49	15.94	ppb
Cadmium	111-1	1.02	1.11	1.16	1.09	6.68	ppb
Calcium	43-1	33692.37	33710.99	34130.90	33844.75	0.73	ppb
Calcium	44-1	34188.73	34145.94	34034.25	34122.97	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.77	69.46	68.98	69.40	0.57	ppb
Cobalt	59-2	36.62	36.25	36.38	36.42	0.51	ppb
Copper	63-2	103.23	101.92	102.77	102.64	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	82716.13	81207.82	80934.44	81619.46	1.18	ppb
Iron	57-2	80403.40	81189.57	80328.86	80640.61	0.59	ppb
Iron	54-2	81079.29	79412.23	80258.35	80249.95	1.04	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.25	51.43	51.06	51.25	0.37	ppb
Lead	207-1	49.94	50.12	49.55	49.87	0.58	ppb
Lead	208-1	50.36	50.41	49.74	50.17	0.74	ppb
Lithium	6-1				92		%
Magnesium	24-2	19415.40	19342.73	19528.41	19428.85	0.48	ppb
Manganese	55-2	1790.06	1768.35	1737.95	1765.45	1.48	ppb
Molybdenum	94-1	22.02	22.52	22.58	22.37	1.37	ppb
Molybdenum	95-1	0.85	0.84	0.85	0.85	1.02	ppb
Molybdenum	96-1	3.50	3.54	3.53	3.52	0.51	ppb
Molybdenum	97-1	0.80	0.81	0.84	0.82	2.45	ppb
Molybdenum	98-1	0.81	0.80	0.79	0.80	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.02	57.45	57.61	57.69	0.50	ppb
Phosphorus	31-2	2301.70	2320.08	2283.84	2301.87	0.79	ppb
Potassium	39-2	6958.30	7029.12	7041.90	7009.77	0.64	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	1.03	0.65	0.97	0.88	23.34	ppb
Selenium	77-2	20.97	19.28	16.67	18.98	11.43	ppb
Selenium	78-2	4.10	3.26	5.90	4.42	30.50	ppb
Silicon	28-1	655.69	658.17	666.79	660.22	0.88	ppb
Silver	107-1	0.25	0.26	0.25	0.25	2.48	ppb
Silver	109-1	0.22	0.25	0.25	0.24	6.96	ppb
Sodium	23-2	318.27	314.53	319.68	317.49	0.84	ppb
Strontium	86-1	149.22	149.53	151.66	150.14	0.89	ppb
Strontium	88-1	148.94	148.13	148.62	148.56	0.28	ppb
Sulfur	34-1	-897.23	-876.29	-819.93	-864.48		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.29	0.27	0.26	0.28	5.23	ppb
Thallium	205-1	0.27	0.27	0.26	0.27	3.32	ppb
Tin	118-1	5.26	5.36	5.45	5.36	1.77	ppb
Titanium	47-1	962.14	965.93	955.76	961.28	0.53	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.94	0.92	0.93	1.30	ppb
Vanadium	51-2	142.35	140.88	141.34	141.52	0.53	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	217.43	216.00	216.52	216.65	0.33	ppb
Zirconium	90-1	12.95	12.89	13.12	12.99	0.89	ppb
Zirconium	91-1	12.88	13.00	13.17	13.02	1.12	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36580.46	36245.81	36510.88	36445.71	0.48	ppb
Antimony	121-1	2.56	2.59	2.96	2.71	8.25	ppb
Arsenic	75-2	51.92	52.42	54.64	52.99	2.73	ppb
Barium	135-1	397.28	394.32	446.42	412.67	7.09	ppb
Barium	137-1	416.02	407.16	476.05	433.08	8.65	ppb
Beryllium	9-1	1.75	1.82	2.02	1.86	7.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	2.00	2.26	2.23	9.99	ppb
Cadmium	106-1	3.78	3.69	3.58	3.68	2.63	ppb
Cadmium	111-1	1.52	1.50	1.71	1.58	7.23	ppb
Calcium	43-1	24673.26	25298.92	27944.41	25972.20	6.69	ppb
Calcium	44-1	22706.33	23566.18	25763.86	24012.12	6.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.12	57.29	57.30	57.24	0.18	ppb
Cobalt	59-2	32.57	32.86	32.61	32.68	0.48	ppb
Copper	63-2	268.61	268.00	267.81	268.14	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				109		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	76896.41	76920.66	76943.42	76920.16	0.03	ppb
Iron	57-2	75819.92	75299.49	73528.28	74882.56	1.60	ppb
Iron	54-2	75336.47	76441.72	76771.47	76183.22	0.99	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	129.02	131.55	149.11	136.56	8.01	ppb
Lead	207-1	129.35	132.24	150.47	137.35	8.34	ppb
Lead	208-1	135.18	136.01	156.72	142.64	8.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	16270.03	16513.57	16517.98	16433.86	0.86	ppb
Manganese	55-2	1582.08	1600.79	1573.12	1585.33	0.89	ppb
Molybdenum	94-1	20.15	20.29	23.95	21.46	10.05	ppb
Molybdenum	95-1	1.93	1.86	2.19	1.99	8.74	ppb
Molybdenum	96-1	4.21	4.29	4.90	4.47	8.41	ppb
Molybdenum	97-1	1.84	1.97	2.21	2.01	9.47	ppb
Molybdenum	98-1	1.89	1.95	2.15	1.99	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.93	53.31	52.66	52.97	0.61	ppb
Phosphorus	31-2	2457.38	2472.38	2417.57	2449.11	1.16	ppb
Potassium	39-2	6764.00	6775.47	6751.22	6763.56	0.18	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	82-1	1.38	1.02	1.50	1.30	19.17	ppb
Selenium	77-2	18.82	20.06	20.22	19.70	3.88	ppb
Selenium	78-2	3.05	3.68	5.49	4.08	31.08	ppb
Silicon	28-1	937.49	966.97	1048.52	984.33	5.84	ppb
Silver	107-1	0.59	0.62	0.70	0.64	9.57	ppb
Silver	109-1	0.60	0.59	0.69	0.63	8.50	ppb
Sodium	23-2	323.87	328.01	333.05	328.31	1.40	ppb
Strontium	86-1	112.96	115.11	132.46	120.18	8.90	ppb
Strontium	88-1	112.18	115.45	131.34	119.66	8.57	ppb
Sulfur	34-1	-838.77	-880.28	-485.94	-735.00		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.25	0.27	0.30	0.27	10.83	ppb
Thallium	205-1	0.25	0.26	0.29	0.27	8.29	ppb
Tin	118-1	22.23	22.32	25.76	23.44	8.58	ppb
Titanium	47-1	1038.74	1061.69	1199.73	1100.05	7.92	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.93	1.06	0.96	8.49	ppb
Vanadium	51-2	125.90	126.55	126.01	126.15	0.27	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	301.91	304.86	305.72	304.16	0.66	ppb
Zirconium	90-1	11.08	11.20	13.00	11.76	9.14	ppb
Zirconium	91-1	11.00	11.32	12.86	11.72	8.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31203.10	31171.35	30799.62	31058.02	0.72	ppb
Antimony	121-1	1.03	1.00	1.06	1.03	2.77	ppb
Arsenic	75-2	58.28	59.99	60.36	59.54	1.86	ppb
Barium	135-1	226.83	229.20	230.14	228.72	0.75	ppb
Barium	137-1	231.40	232.99	232.17	232.18	0.34	ppb
Beryllium	9-1	0.78	0.80	0.77	0.79	1.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.09	1.06	1.14	9.79	ppb
Cadmium	106-1	3.57	2.97	2.57	3.04	16.62	ppb
Cadmium	111-1	0.46	0.44	0.38	0.43	10.18	ppb
Calcium	43-1	29894.40	30457.17	30401.72	30251.10	1.03	ppb
Calcium	44-1	27588.31	27927.70	28140.85	27885.62	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.16	101.26	101.22	101.55	0.52	ppb
Cobalt	59-2	50.61	50.68	49.81	50.36	0.96	ppb
Copper	63-2	112.98	112.45	112.03	112.49	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				111		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	73948.76	72990.79	72401.98	73113.84	1.07	ppb
Iron	57-2	72248.24	71508.34	72048.13	71934.90	0.53	ppb
Iron	54-2	73175.40	72267.07	73026.30	72822.92	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.07	12.37	12.71	12.38	2.58	ppb
Lead	207-1	10.51	11.02	11.13	10.89	3.03	ppb
Lead	208-1	10.95	11.26	11.45	11.22	2.23	ppb
Lithium	6-1				90		%
Magnesium	24-2	19317.19	19096.84	19076.97	19163.67	0.70	ppb
Manganese	55-2	1736.54	1701.49	1720.03	1719.35	1.02	ppb
Molybdenum	94-1	15.66	15.93	16.09	15.89	1.37	ppb
Molybdenum	95-1	1.16	1.17	1.20	1.18	1.81	ppb
Molybdenum	96-1	3.06	3.18	3.22	3.15	2.69	ppb
Molybdenum	97-1	1.18	1.13	1.17	1.16	2.05	ppb
Molybdenum	98-1	1.15	1.20	1.15	1.17	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.03	78.02	78.08	78.38	0.72	ppb
Phosphorus	31-2	1320.67	1300.36	1286.78	1302.61	1.31	ppb
Potassium	39-2	1955.19	1937.80	1892.66	1928.55	1.67	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	82-1	0.61	0.85	0.84	0.77	17.84	ppb
Selenium	77-2	10.04	6.66	9.27	8.66	20.47	ppb
Selenium	78-2	0.94	2.57	0.95	1.48	63.25	ppb
Silicon	28-1	823.55	823.96	833.51	827.01	0.68	ppb
Silver	107-1	0.11	0.13	0.14	0.13	10.11	ppb
Silver	109-1	0.10	0.11	0.13	0.12	13.74	ppb
Sodium	23-2	862.24	868.09	861.43	863.92	0.42	ppb
Strontium	86-1	84.10	85.85	86.26	85.40	1.34	ppb
Strontium	88-1	84.06	84.68	84.68	84.47	0.42	ppb
Sulfur	34-1	-843.05	-817.49	-749.38	-803.31		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.16	0.15	0.15	0.15	2.73	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	1.57	ppb
Tin	118-1	2.56	2.68	2.63	2.62	2.22	ppb
Titanium	47-1	1067.56	1068.24	1091.27	1075.69	1.25	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.20	1.22	1.19	2.64	ppb
Vanadium	51-2	167.81	166.52	165.32	166.55	0.75	ppb
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	105.71	104.38	103.31	104.47	1.15	ppb
Zirconium	90-1	8.72	9.00	9.04	8.92	1.94	ppb
Zirconium	91-1	8.87	8.86	8.87	8.87	0.05	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28867.73	28882.67	28713.06	28821.15	0.33	ppb
Antimony	121-1	0.83	0.85	0.86	0.85	1.47	ppb
Arsenic	75-2	44.79	45.18	44.13	44.70	1.19	ppb
Barium	135-1	127.00	131.57	132.10	130.23	2.16	ppb
Barium	137-1	130.81	133.09	133.40	132.43	1.07	ppb
Beryllium	9-1	0.91	0.82	0.96	0.90	7.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	1.15	1.35	1.11	22.33	ppb
Cadmium	106-1	2.31	2.30	2.73	2.45	10.01	ppb
Cadmium	111-1	0.36	0.32	0.35	0.34	5.64	ppb
Calcium	43-1	28839.65	29574.05	29151.98	29188.56	1.26	ppb
Calcium	44-1	26892.73	27361.66	26915.43	27056.61	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.82	99.19	98.86	98.95	0.20	ppb
Cobalt	59-2	38.83	39.31	39.36	39.17	0.74	ppb
Copper	63-2	98.81	98.15	98.41	98.45	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				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	67765.76	67386.41	67093.54	67415.24	0.50	ppb
Iron	57-2	66154.48	66718.70	65837.83	66237.00	0.67	ppb
Iron	54-2	66470.80	66583.31	66740.05	66598.05	0.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.48	12.56	12.60	12.54	0.50	ppb
Lead	207-1	10.58	10.77	10.78	10.71	1.06	ppb
Lead	208-1	11.04	11.30	11.22	11.19	1.20	ppb
Lithium	6-1				89		%
Magnesium	24-2	16956.59	17052.13	17004.13	17004.29	0.28	ppb
Manganese	55-2	969.80	973.47	958.90	967.39	0.78	ppb
Molybdenum	94-1	16.41	16.23	16.53	16.39	0.93	ppb
Molybdenum	95-1	1.70	1.69	1.66	1.68	1.09	ppb
Molybdenum	96-1	3.60	3.61	3.56	3.59	0.77	ppb
Molybdenum	97-1	1.64	1.61	1.63	1.62	0.97	ppb
Molybdenum	98-1	1.66	1.64	1.61	1.64	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.50	70.94	71.30	71.25	0.40	ppb
Phosphorus	31-2	1216.60	1198.91	1204.40	1206.64	0.75	ppb
Potassium	39-2	2419.72	2414.60	2391.16	2408.49	0.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	0.55	0.65	0.42	0.54	21.62	ppb
Selenium	77-2	8.97	13.28	9.30	10.52	22.83	ppb
Selenium	78-2	2.60	0.83	1.30	1.58	58.25	ppb
Silicon	28-1	802.10	820.27	810.27	810.88	1.12	ppb
Silver	107-1	0.10	0.11	0.11	0.11	4.42	ppb
Silver	109-1	0.09	0.11	0.11	0.10	12.73	ppb
Sodium	23-2	1064.38	1073.69	1079.47	1072.51	0.71	ppb
Strontium	86-1	82.68	82.63	82.30	82.53	0.25	ppb
Strontium	88-1	80.57	81.77	82.38	81.57	1.13	ppb
Sulfur	34-1	-612.91	-502.90	-593.67	-569.83		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.13	0.12	0.12	6.54	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	4.78	ppb
Tin	118-1	2.69	2.69	2.81	2.73	2.54	ppb
Titanium	47-1	1059.26	1093.27	1067.67	1073.40	1.65	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.34	1.33	1.34	1.34	0.25	ppb
Vanadium	51-2	154.16	154.78	154.04	154.33	0.26	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	101.79	101.24	102.52	101.85	0.63	ppb
Zirconium	90-1	8.92	9.01	8.96	8.96	0.52	ppb
Zirconium	91-1	8.97	8.95	9.07	9.00	0.72	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27633.44	27660.28	27695.06	27662.92	0.11	ppb
Antimony	121-1	0.93	0.95	1.03	0.97	5.04	ppb
Arsenic	75-2	41.54	40.72	41.50	41.25	1.11	ppb
Barium	135-1	134.20	141.01	140.74	138.65	2.78	ppb
Barium	137-1	136.33	141.82	141.31	139.82	2.17	ppb
Beryllium	9-1	0.86	0.80	0.80	0.82	4.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.18	1.11	1.16	3.58	ppb
Cadmium	106-1	2.70	3.67	3.13	3.17	15.36	ppb
Cadmium	111-1	0.38	0.47	0.41	0.42	11.47	ppb
Calcium	43-1	32748.75	33144.67	32706.18	32866.53	0.74	ppb
Calcium	44-1	30397.26	30844.41	30229.84	30490.50	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.77	74.77	74.29	74.61	0.37	ppb
Cobalt	59-2	32.07	32.03	31.86	31.98	0.35	ppb
Copper	63-2	72.86	72.93	72.77	72.85	0.11	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				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	62576.86	63647.56	62513.31	62912.58	1.01	ppb
Iron	57-2	61930.66	62294.54	62562.47	62262.55	0.51	ppb
Iron	54-2	61806.52	63241.35	62494.34	62514.07	1.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.47	12.31	12.51	12.43	0.86	ppb
Lead	207-1	11.02	10.95	10.96	10.98	0.37	ppb
Lead	208-1	11.33	11.26	11.39	11.33	0.57	ppb
Lithium	6-1				91		%
Magnesium	24-2	16110.15	16245.56	15998.29	16118.00	0.77	ppb
Manganese	55-2	975.34	967.17	970.11	970.88	0.43	ppb
Molybdenum	94-1	17.01	17.81	17.51	17.44	2.34	ppb
Molybdenum	95-1	0.76	0.72	0.73	0.74	2.43	ppb
Molybdenum	96-1	2.80	2.81	2.87	2.83	1.36	ppb
Molybdenum	97-1	0.77	0.76	0.76	0.76	0.78	ppb
Molybdenum	98-1	0.74	0.76	0.73	0.74	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.38	60.79	60.65	60.94	0.63	ppb
Phosphorus	31-2	1790.94	1798.91	1794.55	1794.80	0.22	ppb
Potassium	39-2	2353.10	2318.59	2319.24	2330.31	0.85	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	0.18	0.32	0.32	0.27	29.11	ppb
Selenium	77-2	11.96	11.21	14.37	12.51	13.23	ppb
Selenium	78-2	1.14	1.80	1.33	1.42	23.81	ppb
Silicon	28-1	604.73	608.16	598.40	603.76	0.82	ppb
Silver	107-1	0.10	0.10	0.12	0.11	11.08	ppb
Silver	109-1	0.09	0.10	0.10	0.10	6.80	ppb
Sodium	23-2	545.27	551.01	550.94	549.07	0.60	ppb
Strontium	86-1	77.11	78.22	78.04	77.79	0.77	ppb
Strontium	88-1	75.57	78.07	78.17	77.27	1.91	ppb
Sulfur	34-1	-524.61	-434.06	-494.29	-484.32		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.12	0.11	4.23	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	3.46	ppb
Tin	118-1	2.39	2.61	2.62	2.54	5.14	ppb
Titanium	47-1	909.69	919.14	928.61	919.15	1.03	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.11	1.09	1.11	2.79	ppb
Vanadium	51-2	125.46	125.19	124.29	124.98	0.49	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	110.51	109.19	110.57	110.09	0.71	ppb
Zirconium	90-1	9.96	10.08	10.08	10.04	0.70	ppb
Zirconium	91-1	9.92	10.13	10.04	10.03	1.05	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50092.99	49887.25	49107.37	49695.87	1.05	ppb
Antimony	121-1	485.03	487.96	485.00	486.00	0.35	ppb
Arsenic	75-2	477.18	482.40	481.08	480.22	0.57	ppb
Barium	135-1	2413.64	2458.40	2461.30	2444.45	1.09	ppb
Barium	137-1	2419.98	2490.65	2467.85	2459.49	1.47	ppb
Beryllium	9-1	548.21	544.56	551.88	548.22	0.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.37	522.27	514.52	516.72	0.94	ppb
Cadmium	106-1	509.21	520.87	509.92	513.33	1.27	ppb
Cadmium	111-1	503.87	511.80	506.90	507.52	0.79	ppb
Calcium	43-1	249219.93	248308.69	252688.24	250072.29	0.92	ppb
Calcium	44-1	245502.08	245437.88	248205.70	246381.89	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.82	499.71	495.64	499.06	0.63	ppb
Cobalt	59-2	540.66	538.68	537.21	538.85	0.32	ppb
Copper	63-2	5235.39	5218.75	5232.05	5228.73	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				108		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	128323.64	127914.83	128655.74	128298.07	0.29	ppb
Iron	57-2	126582.65	126714.92	126189.88	126495.82	0.22	ppb
Iron	54-2	125926.49	127286.07	126452.69	126555.08	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2534.67	2535.37	2515.27	2528.44	0.45	ppb
Lead	207-1	2551.71	2559.61	2509.44	2540.25	1.06	ppb
Lead	208-1	2543.88	2543.58	2517.80	2535.09	0.59	ppb
Lithium	6-1				91		%
Magnesium	24-2	241539.24	245222.95	244851.74	243871.31	0.83	ppb
Manganese	55-2	4933.24	4959.76	4984.17	4959.06	0.51	ppb
Molybdenum	94-1	5009.80	5032.53	5036.84	5026.39	0.29	ppb
Molybdenum	95-1	4980.84	5019.59	4969.60	4990.01	0.53	ppb
Molybdenum	96-1	4944.30	4995.18	5010.58	4983.35	0.70	ppb
Molybdenum	97-1	4950.54	4993.59	4983.22	4975.78	0.45	ppb
Molybdenum	98-1	4988.21	5020.26	4978.35	4995.61	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.53	526.63	524.63	525.93	0.21	ppb
Phosphorus	31-2	9842.43	10046.17	9679.37	9855.99	1.86	ppb
Potassium	39-2	119725.79	119933.51	118578.68	119412.66	0.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	470.78	476.97	469.98	472.58	0.81	ppb
Selenium	77-2	447.61	465.30	473.06	461.99	2.82	ppb
Selenium	78-2	450.68	457.46	465.50	457.88	1.62	ppb
Silicon	28-1	646.28	666.29	673.65	662.07	2.14	ppb
Silver	107-1	471.92	476.41	473.92	474.08	0.47	ppb
Silver	109-1	472.65	474.88	475.73	474.42	0.33	ppb
Sodium	23-2	246021.21	246902.62	248249.39	247057.74	0.45	ppb
Strontium	86-1	12354.80	12565.23	12368.22	12429.42	0.95	ppb
Strontium	88-1	12416.76	12438.05	12557.68	12470.83	0.61	ppb
Sulfur	34-1	9920.07	10001.37	10104.58	10008.68	0.92	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	515.99	510.13	507.80	511.31	0.83	ppb
Thallium	205-1	514.19	507.53	510.08	510.60	0.66	ppb
Tin	118-1	486.10	485.14	484.88	485.37	0.13	ppb
Titanium	47-1	4959.52	4964.39	5028.81	4984.24	0.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	525.14	525.15	521.16	523.82	0.44	ppb
Vanadium	51-2	506.52	510.08	506.22	507.61	0.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5153.78	5110.78	5138.40	5134.32	0.42	ppb
Zirconium	90-1	500.79	505.71	509.76	505.42	0.89	ppb
Zirconium	91-1	502.80	506.85	508.09	505.91	0.55	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.30	-1.24	-1.51	-1.35		ppb
Antimony	121-1	0.42	0.32	0.37	0.37	13.40	ppb
Arsenic	75-2	0.02	0.00	0.05	0.02	107.20	ppb
Barium	135-1	0.10	0.05	0.08	0.08	29.76	ppb
Barium	137-1	0.13	0.09	0.07	0.10	29.17	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	27.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.06	0.06	0.05	29.48	ppb
Cadmium	106-1	0.88	-0.20	0.29	0.32	167.48	ppb
Cadmium	111-1	0.11	0.01	0.04	0.05	85.62	ppb
Calcium	43-1	9.89	2.64	2.52	5.02	84.19	ppb
Calcium	44-1	5.53	-0.01	-1.37	1.38	264.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.02	0.01	52.99	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	57.56	ppb
Copper	63-2	0.18	0.19	0.21	0.20	5.59	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				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	3.21	3.36	3.17	3.24	3.08	ppb
Iron	57-2	0.61	1.49	3.06	1.72	72.18	ppb
Iron	54-2	3.01	4.63	3.12	3.59	25.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.19	0.16	0.19	16.97	ppb
Lead	207-1	0.25	0.17	0.15	0.19	29.85	ppb
Lead	208-1	0.23	0.17	0.16	0.19	20.43	ppb
Lithium	6-1				90		%
Magnesium	24-2	4.78	4.86	4.57	4.74	3.15	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	213.02	ppb
Molybdenum	94-1	1.00	0.60	0.59	0.73	31.49	ppb
Molybdenum	95-1	0.36	0.27	0.25	0.29	20.40	ppb
Molybdenum	96-1	0.41	0.30	0.31	0.34	18.36	ppb
Molybdenum	97-1	0.36	0.29	0.26	0.30	16.72	ppb
Molybdenum	98-1	0.36	0.26	0.25	0.29	20.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-19.65	-16.94	-14.96	-17.18		ppb
Potassium	39-2	11.89	12.15	11.50	11.85	2.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	-0.12	0.79	0.17	0.28	168.59	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	-0.03	0.09	-0.04		ppb
Silicon	28-1	0.43	-0.29	-0.30	-0.06		ppb
Silver	107-1	0.08	0.05	0.05	0.06	25.14	ppb
Silver	109-1	0.08	0.06	0.06	0.07	17.63	ppb
Sodium	23-2	47.28	46.94	44.75	46.32	2.96	ppb
Strontium	86-1	0.52	0.36	0.33	0.40	26.04	ppb
Strontium	88-1	0.56	0.38	0.31	0.42	31.07	ppb
Sulfur	34-1	279.46	-82.74	-147.88	16.28	1414.17	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.04	0.03	0.05	28.58	ppb
Thallium	205-1	0.06	0.04	0.03	0.04	37.12	ppb
Tin	118-1	0.09	0.07	0.11	0.09	26.30	ppb
Titanium	47-1	0.26	0.21	0.21	0.22	14.40	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	37.25	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	25.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.54	-0.45	-0.46	-0.48		ppb
Zirconium	90-1	0.43	0.21	0.21	0.28	44.49	ppb
Zirconium	91-1	0.45	0.23	0.19	0.29	48.08	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32375.00	32294.05	32657.36	32442.14	0.59	ppb
Antimony	121-1	1.05	1.06	1.09	1.07	2.14	ppb
Arsenic	75-2	56.09	53.87	55.38	55.12	2.06	ppb
Barium	135-1	110.45	111.68	115.35	112.49	2.27	ppb
Barium	137-1	112.62	113.92	116.05	114.20	1.52	ppb
Beryllium	9-1	0.65	0.73	0.70	0.69	5.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.14	1.24	1.17	5.10	ppb
Cadmium	106-1	3.76	2.89	2.93	3.19	15.41	ppb
Cadmium	111-1	0.50	0.42	0.41	0.44	10.84	ppb
Calcium	43-1	27713.89	27943.94	27697.10	27784.98	0.50	ppb
Calcium	44-1	25648.25	25675.34	25826.17	25716.58	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.14	85.79	86.75	86.56	0.80	ppb
Cobalt	59-2	33.28	32.93	33.56	33.25	0.95	ppb
Copper	63-2	109.32	107.46	109.26	108.68	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	79888.86	79015.11	79530.75	79478.24	0.55	ppb
Iron	57-2	78721.45	77301.91	77613.25	77878.87	0.96	ppb
Iron	54-2	78555.88	77563.87	79129.04	78416.26	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.82	10.84	11.21	10.96	1.99	ppb
Lead	207-1	9.61	9.89	9.64	9.71	1.60	ppb
Lead	208-1	9.94	10.04	10.11	10.03	0.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	20508.71	20043.69	20319.79	20290.73	1.15	ppb
Manganese	55-2	928.80	921.37	924.90	925.02	0.40	ppb
Molybdenum	94-1	12.71	12.91	12.65	12.75	1.06	ppb
Molybdenum	95-1	0.70	0.70	0.70	0.70	0.46	ppb
Molybdenum	96-1	2.41	2.48	2.37	2.42	2.32	ppb
Molybdenum	97-1	0.70	0.69	0.70	0.69	1.10	ppb
Molybdenum	98-1	0.66	0.71	0.68	0.68	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.44	70.04	70.87	70.45	0.59	ppb
Phosphorus	31-2	1262.34	1248.73	1268.97	1260.01	0.82	ppb
Potassium	39-2	1783.82	1792.09	1815.83	1797.24	0.92	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				118		%
Scandium	45-2				119		%
Selenium	82-1	0.46	0.60	0.99	0.68	40.38	ppb
Selenium	77-2	8.13	8.96	10.36	9.15	12.33	ppb
Selenium	78-2	1.93	2.53	1.67	2.05	21.54	ppb
Silicon	28-1	682.34	688.06	676.53	682.31	0.85	ppb
Silver	107-1	0.21	0.17	0.17	0.18	11.75	ppb
Silver	109-1	0.19	0.15	0.15	0.16	14.68	ppb
Sodium	23-2	659.47	658.59	670.98	663.01	1.04	ppb
Strontium	86-1	73.88	74.37	73.71	73.99	0.47	ppb
Strontium	88-1	73.21	72.98	73.44	73.21	0.32	ppb
Sulfur	34-1	-688.61	-744.81	-855.93	-763.11		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.68	ppb
Thallium	205-1	0.17	0.17	0.16	0.17	4.21	ppb
Tin	118-1	2.50	2.67	2.72	2.63	4.52	ppb
Titanium	47-1	1023.42	1043.08	1021.77	1029.42	1.15	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.14	1.15	1.15	0.62	ppb
Vanadium	51-2	183.09	180.92	182.77	182.26	0.64	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	113.61	113.71	114.99	114.10	0.68	ppb
Zirconium	90-1	7.18	7.32	7.28	7.26	0.98	ppb
Zirconium	91-1	7.24	7.25	7.38	7.29	1.03	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.44	-2.54	-2.39	-2.45		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.01	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	4109.03	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	184.98	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.04	0.00	-0.03		ppb
Cadmium	106-1	0.00	1.24	-0.31	0.31	262.53	ppb
Cadmium	111-1	0.01	0.10	-0.02	0.03	226.78	ppb
Calcium	43-1	-1.88	-3.67	-3.86	-3.14		ppb
Calcium	44-1	-7.99	-9.38	-8.74	-8.70		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.05	-0.05	-0.06		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.02	0.03	0.03	0.03	34.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	-0.47	-0.58	-0.58	-0.54		ppb
Iron	57-2	-1.15	-0.61	-1.05	-0.94		ppb
Iron	54-2	-1.35	-1.25	-1.68	-1.43		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.06	0.06	11.21	ppb
Lead	207-1	0.06	0.05	0.06	0.06	14.86	ppb
Lead	208-1	0.06	0.06	0.06	0.06	4.63	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.28	-0.44	-0.23	-0.32		ppb
Manganese	55-2	-0.10	-0.09	-0.10	-0.10		ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	417.17	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	154.72	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	182.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.05	-0.05		ppb
Phosphorus	31-2	-19.99	-19.10	-18.86	-19.32		ppb
Potassium	39-2	0.43	0.70	-0.21	0.31	151.96	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.54	0.05	0.42	0.34	75.55	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	-0.71	-0.22	-0.51		ppb
Silicon	28-1	-1.27	-1.23	-1.29	-1.27		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.30	ppb
Silver	109-1	0.01	0.01	0.00	0.01	29.11	ppb
Sodium	23-2	34.47	33.10	32.52	33.36	2.99	ppb
Strontium	86-1	0.01	-0.03	-0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-791.28	-772.36	-802.92	-788.85		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.02	-0.03	-0.05	-0.04		ppb
Titanium	47-1	-0.06	-0.02	-0.04	-0.04		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	-0.66	-0.56	-0.58	-0.60		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.37	36.83	37.61	37.60	2.05	ppb
Antimony	121-1	3.93	4.27	3.93	4.04	4.94	ppb
Arsenic	75-2	1.87	2.05	2.13	2.02	6.54	ppb
Barium	135-1	18.70	20.20	18.58	19.16	4.71	ppb
Barium	137-1	18.96	20.35	18.86	19.39	4.30	ppb
Beryllium	9-1	2.20	2.32	2.10	2.21	4.78	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	2.58	2.40	2.52	3.96	ppb
Cadmium	106-1	3.01	3.04	2.37	2.81	13.45	ppb
Cadmium	111-1	2.39	2.72	2.45	2.52	6.90	ppb
Calcium	43-1	1001.80	1075.14	1009.99	1028.98	3.91	ppb
Calcium	44-1	1021.26	1086.78	1013.57	1040.54	3.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.71	4.77	4.59	4.69	1.92	ppb
Cobalt	59-2	2.14	2.13	2.13	2.13	0.38	ppb
Copper	63-2	4.64	4.61	4.68	4.64	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	441.10	428.61	428.80	432.84	1.65	ppb
Iron	57-2	455.82	456.83	449.69	454.11	0.85	ppb
Iron	54-2	458.86	458.85	452.18	456.63	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.96	2.01	1.90	1.96	2.66	ppb
Lead	207-1	1.95	1.99	1.84	1.93	4.00	ppb
Lead	208-1	1.94	2.02	1.84	1.93	4.63	ppb
Lithium	6-1				92		%
Magnesium	24-2	1109.50	1099.40	1102.29	1103.73	0.47	ppb
Manganese	55-2	2.07	2.11	2.13	2.10	1.33	ppb
Molybdenum	94-1	11.31	12.04	11.14	11.50	4.15	ppb
Molybdenum	95-1	9.12	9.97	9.03	9.37	5.50	ppb
Molybdenum	96-1	9.43	10.19	9.28	9.63	5.09	ppb
Molybdenum	97-1	9.09	9.91	9.07	9.36	5.13	ppb
Molybdenum	98-1	9.18	9.95	9.09	9.41	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.32	2.27	2.31	1.69	ppb
Phosphorus	31-2	-19.43	-19.87	-15.46	-18.25		ppb
Potassium	39-2	1054.73	1051.96	1044.32	1050.34	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	10.81	11.37	10.62	10.93	3.57	ppb
Selenium	77-2	13.55	11.07	9.56	11.39	17.67	ppb
Selenium	78-2	8.58	11.22	10.72	10.18	13.80	ppb
Silicon	28-1	2.88	3.63	2.91	3.14	13.40	ppb
Silver	107-1	1.98	2.16	2.01	2.05	4.65	ppb
Silver	109-1	1.96	2.15	1.97	2.03	5.33	ppb
Sodium	23-2	1062.10	1064.42	1056.97	1061.16	0.36	ppb
Strontium	86-1	1.96	2.30	2.12	2.13	8.08	ppb
Strontium	88-1	2.05	2.25	2.02	2.10	6.02	ppb
Sulfur	34-1	-264.22	-25.00	-369.70	-219.64		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.81	1.87	1.78	1.82	2.57	ppb
Thallium	205-1	1.77	1.90	1.76	1.81	4.37	ppb
Tin	118-1	0.01	0.02	0.01	0.01	30.03	ppb
Titanium	47-1	9.30	10.12	9.42	9.61	4.62	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.83	1.69	1.74	4.30	ppb
Vanadium	51-2	10.84	10.43	10.59	10.62	1.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	10.46	10.78	10.14	10.46	3.06	ppb
Zirconium	90-1	2.09	2.27	2.12	2.16	4.45	ppb
Zirconium	91-1	2.08	2.31	2.14	2.17	5.60	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.23	18.47	17.37	18.03	3.23	ppb
Antimony	121-1	1.99	2.09	2.03	2.04	2.60	ppb
Arsenic	75-2	1.05	1.04	1.07	1.05	1.23	ppb
Barium	135-1	9.49	9.80	9.53	9.61	1.75	ppb
Barium	137-1	9.62	9.89	9.57	9.69	1.78	ppb
Beryllium	9-1	1.11	1.09	1.15	1.12	2.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.51	1.07	1.37	19.02	ppb
Cadmium	106-1	2.21	2.46	1.83	2.17	14.49	ppb
Cadmium	111-1	1.34	1.46	1.36	1.39	4.33	ppb
Calcium	43-1	526.25	514.33	532.76	524.45	1.78	ppb
Calcium	44-1	517.43	516.73	515.07	516.41	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.36	2.32	2.39	2.36	1.47	ppb
Cobalt	59-2	1.10	1.05	1.12	1.09	3.47	ppb
Copper	63-2	2.26	2.31	2.28	2.28	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				106		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	228.63	231.25	230.17	230.02	0.57	ppb
Iron	57-2	226.96	227.52	230.43	228.30	0.82	ppb
Iron	54-2	227.75	232.67	230.64	230.35	1.07	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	0.96	1.00	0.99	2.80	ppb
Lead	207-1	0.99	1.04	0.97	1.00	3.56	ppb
Lead	208-1	0.99	0.99	0.97	0.98	1.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	557.67	556.45	557.61	557.24	0.12	ppb
Manganese	55-2	1.01	1.00	0.97	0.99	2.12	ppb
Molybdenum	94-1	5.86	5.71	5.74	5.77	1.38	ppb
Molybdenum	95-1	4.76	4.69	4.69	4.72	0.87	ppb
Molybdenum	96-1	4.75	4.86	4.77	4.79	1.16	ppb
Molybdenum	97-1	4.83	4.68	4.63	4.71	2.21	ppb
Molybdenum	98-1	4.62	4.66	4.66	4.65	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.18	1.27	1.23	3.55	ppb
Phosphorus	31-2	-18.27	-16.47	-16.96	-17.23		ppb
Potassium	39-2	527.92	530.37	533.22	530.50	0.50	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	6.09	5.25	5.51	5.62	7.66	ppb
Selenium	77-2	5.16	5.78	3.69	4.88	21.95	ppb
Selenium	78-2	5.98	4.79	4.52	5.10	15.23	ppb
Silicon	28-1	1.15	1.19	1.19	1.18	1.84	ppb
Silver	107-1	1.01	1.04	1.05	1.04	2.08	ppb
Silver	109-1	1.02	1.05	1.04	1.03	1.25	ppb
Sodium	23-2	534.60	541.40	538.65	538.21	0.64	ppb
Strontium	86-1	1.24	0.98	1.02	1.08	13.23	ppb
Strontium	88-1	1.29	1.04	1.06	1.13	12.31	ppb
Sulfur	34-1	-112.29	-207.43	-190.47	-170.06		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.92	0.87	0.88	0.89	2.77	ppb
Thallium	205-1	0.89	0.88	0.87	0.88	0.91	ppb
Tin	118-1	0.00	0.00	0.00	0.00	285.38	ppb
Titanium	47-1	4.73	4.52	4.90	4.72	3.97	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.89	0.87	1.42	ppb
Vanadium	51-2	5.34	5.43	5.33	5.37	0.95	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	5.10	5.57	5.41	5.36	4.45	ppb
Zirconium	90-1	1.10	1.08	1.07	1.08	1.34	ppb
Zirconium	91-1	1.06	1.09	1.07	1.07	1.34	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37149.92	36620.63	36772.85	36847.80	0.74	ppb
Antimony	121-1	0.91	0.96	0.95	0.94	2.57	ppb
Arsenic	75-2	76.60	74.80	73.00	74.80	2.40	ppb
Barium	135-1	132.31	135.57	133.24	133.71	1.25	ppb
Barium	137-1	132.22	137.20	134.96	134.79	1.85	ppb
Beryllium	9-1	0.66	0.64	0.66	0.65	2.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.30	0.96	1.10	15.90	ppb
Cadmium	106-1	3.06	2.69	2.03	2.59	20.22	ppb
Cadmium	111-1	0.55	0.46	0.45	0.48	11.59	ppb
Calcium	43-1	35104.14	35194.84	35471.76	35256.91	0.54	ppb
Calcium	44-1	35497.81	35311.74	35678.63	35496.06	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.77	112.90	112.97	113.22	0.43	ppb
Cobalt	59-2	46.83	46.09	45.67	46.19	1.27	ppb
Copper	63-2	129.88	129.85	130.11	129.95	0.11	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				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	85111.89	84282.15	83459.74	84284.59	0.98	ppb
Iron	57-2	83401.80	82757.71	82128.28	82762.60	0.77	ppb
Iron	54-2	84085.03	83065.86	82695.43	83282.11	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.05	14.51	13.97	14.18	2.05	ppb
Lead	207-1	12.89	12.98	12.99	12.95	0.39	ppb
Lead	208-1	12.97	13.34	13.22	13.18	1.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	23283.98	23385.66	23427.30	23365.65	0.32	ppb
Manganese	55-2	1258.33	1253.92	1233.38	1248.54	1.07	ppb
Molybdenum	94-1	11.86	12.04	12.11	12.01	1.06	ppb
Molybdenum	95-1	0.66	0.68	0.73	0.69	5.19	ppb
Molybdenum	96-1	2.36	2.37	2.40	2.38	0.93	ppb
Molybdenum	97-1	0.69	0.71	0.70	0.70	1.67	ppb
Molybdenum	98-1	0.67	0.69	0.70	0.69	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.31	86.91	87.22	86.81	0.53	ppb
Phosphorus	31-2	1396.13	1392.52	1353.66	1380.77	1.71	ppb
Potassium	39-2	1883.94	1911.06	1894.31	1896.44	0.72	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.97	1.10	0.90	0.99	10.44	ppb
Selenium	77-2	12.17	9.45	10.63	10.75	12.68	ppb
Selenium	78-2	2.19	1.87	1.20	1.75	28.74	ppb
Silicon	28-1	890.16	878.61	870.17	879.65	1.14	ppb
Silver	107-1	0.16	0.14	0.12	0.14	15.61	ppb
Silver	109-1	0.16	0.13	0.11	0.13	21.33	ppb
Sodium	23-2	617.77	618.03	617.31	617.70	0.06	ppb
Strontium	86-1	81.19	80.98	82.11	81.43	0.74	ppb
Strontium	88-1	80.96	81.47	80.75	81.06	0.46	ppb
Sulfur	34-1	-115.29	-248.79	-294.52	-219.53		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.13	0.13	0.13	4.11	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	3.39	ppb
Tin	118-1	1.62	1.75	1.63	1.67	4.28	ppb
Titanium	47-1	964.08	966.17	950.86	960.37	0.86	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.29	1.26	1.27	1.07	ppb
Vanadium	51-2	187.47	186.81	187.53	187.27	0.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	139.67	139.09	139.16	139.30	0.23	ppb
Zirconium	90-1	6.71	6.87	6.91	6.83	1.58	ppb
Zirconium	91-1	6.83	6.83	6.95	6.87	0.96	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34752.48	34304.35	34302.67	34453.16	0.75	ppb
Antimony	121-1	1.56	1.53	1.57	1.55	1.26	ppb
Arsenic	75-2	79.35	78.46	78.73	78.85	0.58	ppb
Barium	135-1	263.32	268.40	271.69	267.80	1.57	ppb
Barium	137-1	267.23	275.57	274.62	272.48	1.68	ppb
Beryllium	9-1	1.69	1.77	1.80	1.75	3.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.35	1.31	1.51	1.39	7.68	ppb
Cadmium	106-1	3.39	2.51	2.28	2.73	21.51	ppb
Cadmium	111-1	1.12	1.14	1.02	1.09	6.28	ppb
Calcium	43-1	12552.90	12401.86	12660.78	12538.51	1.04	ppb
Calcium	44-1	11528.37	11449.50	11600.56	11526.14	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.37	46.20	45.53	46.03	0.96	ppb
Cobalt	59-2	34.07	34.46	34.15	34.22	0.60	ppb
Copper	63-2	94.67	94.85	94.67	94.73	0.11	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				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	85689.84	85942.01	85831.85	85821.23	0.15	ppb
Iron	57-2	83687.89	84076.28	83710.39	83824.85	0.26	ppb
Iron	54-2	85660.16	85042.84	85502.65	85401.88	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.98	60.25	58.99	59.41	1.23	ppb
Lead	207-1	60.49	62.81	61.05	61.45	1.97	ppb
Lead	208-1	59.47	61.27	59.94	60.23	1.55	ppb
Lithium	6-1				92		%
Magnesium	24-2	11932.90	11838.30	11772.32	11847.84	0.68	ppb
Manganese	55-2	1544.09	1544.16	1543.63	1543.96	0.02	ppb
Molybdenum	94-1	11.39	11.73	11.90	11.67	2.21	ppb
Molybdenum	95-1	0.88	0.89	0.89	0.89	0.76	ppb
Molybdenum	96-1	2.46	2.53	2.51	2.50	1.42	ppb
Molybdenum	97-1	0.84	0.86	0.88	0.86	2.04	ppb
Molybdenum	98-1	0.82	0.85	0.87	0.85	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.94	37.38	38.17	37.83	1.08	ppb
Phosphorus	31-2	2063.76	2061.85	2032.89	2052.83	0.84	ppb
Potassium	39-2	8470.38	8585.52	8458.34	8504.75	0.83	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	1.42	1.13	1.36	1.30	11.55	ppb
Selenium	77-2	14.38	17.49	15.62	15.83	9.87	ppb
Selenium	78-2	3.21	4.12	4.05	3.79	13.35	ppb
Silicon	28-1	851.45	840.71	860.59	850.91	1.17	ppb
Silver	107-1	0.39	0.42	0.40	0.40	4.74	ppb
Silver	109-1	0.39	0.39	0.40	0.39	1.81	ppb
Sodium	23-2	162.80	165.55	166.55	164.97	1.18	ppb
Strontium	86-1	71.45	72.46	73.78	72.57	1.61	ppb
Strontium	88-1	71.31	71.72	73.08	72.03	1.29	ppb
Sulfur	34-1	-657.22	-911.00	-963.83	-844.02		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.31	0.29	0.30	4.18	ppb
Thallium	205-1	0.29	0.30	0.29	0.29	1.52	ppb
Tin	118-1	1.89	1.90	1.88	1.89	0.35	ppb
Titanium	47-1	1228.08	1212.11	1249.75	1229.98	1.54	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.87	0.88	0.87	1.73	ppb
Vanadium	51-2	159.45	159.15	158.98	159.19	0.15	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	274.98	275.75	274.71	275.15	0.20	ppb
Zirconium	90-1	6.37	6.55	6.63	6.52	2.11	ppb
Zirconium	91-1	6.52	6.54	6.75	6.60	1.89	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46179.12	46099.97	45894.27	46057.79	0.32	ppb
Antimony	121-1	1.08	1.06	1.07	1.07	0.60	ppb
Arsenic	75-2	54.22	54.28	54.59	54.37	0.36	ppb
Barium	135-1	430.63	429.51	429.67	429.94	0.14	ppb
Barium	137-1	443.32	449.10	450.28	447.56	0.83	ppb
Beryllium	9-1	2.13	2.04	1.97	2.05	4.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.36	1.17	1.34	12.07	ppb
Cadmium	106-1	4.15	2.59	1.82	2.85	41.51	ppb
Cadmium	111-1	0.70	0.61	0.54	0.62	13.03	ppb
Calcium	43-1	16563.04	16889.18	16907.40	16786.54	1.15	ppb
Calcium	44-1	15185.74	15536.72	15369.55	15364.00	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.13	56.78	56.21	56.37	0.63	ppb
Cobalt	59-2	42.53	42.35	42.24	42.37	0.35	ppb
Copper	63-2	92.32	91.91	91.62	91.95	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				105		%
Indium	115-2				105		%
Iron	56-2	100856.08	102070.07	100307.75	101077.97	0.89	ppb
Iron	57-2	100861.57	100159.22	98530.37	99850.39	1.20	ppb
Iron	54-2	100249.85	101106.57	99423.83	100260.08	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.62	36.56	36.73	36.30	1.65	ppb
Lead	207-1	34.72	35.68	36.04	35.48	1.93	ppb
Lead	208-1	34.83	35.62	35.97	35.47	1.64	ppb
Lithium	6-1				91		%
Magnesium	24-2	16589.21	16571.45	16557.71	16572.79	0.10	ppb
Manganese	55-2	1889.00	1893.82	1873.71	1885.51	0.56	ppb
Molybdenum	94-1	18.84	19.08	18.90	18.94	0.66	ppb
Molybdenum	95-1	0.99	1.02	0.98	1.00	2.35	ppb
Molybdenum	96-1	3.46	3.47	3.36	3.43	1.84	ppb
Molybdenum	97-1	0.96	1.00	0.98	0.98	2.00	ppb
Molybdenum	98-1	0.99	0.98	0.99	0.99	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.17	47.22	46.88	47.09	0.39	ppb
Phosphorus	31-2	2196.32	2160.30	2136.48	2164.37	1.39	ppb
Potassium	39-2	7992.80	7985.42	7888.61	7955.61	0.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	0.78	1.05	0.93	0.92	14.87	ppb
Selenium	77-2	23.78	22.71	23.78	23.42	2.64	ppb
Selenium	78-2	2.71	4.38	3.80	3.63	23.32	ppb
Silicon	28-1	941.77	947.23	959.42	949.47	0.95	ppb
Silver	107-1	0.16	0.17	0.16	0.16	2.45	ppb
Silver	109-1	0.17	0.16	0.17	0.17	2.03	ppb
Sodium	23-2	265.79	265.95	267.16	266.30	0.28	ppb
Strontium	86-1	95.15	96.76	95.05	95.65	1.01	ppb
Strontium	88-1	94.81	96.21	95.94	95.65	0.78	ppb
Sulfur	34-1	-1366.65	-1408.62	-1410.38	-1395.22		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.33	0.34	0.33	1.72	ppb
Thallium	205-1	0.32	0.33	0.34	0.33	2.37	ppb
Tin	118-1	2.03	2.01	2.00	2.01	0.93	ppb
Titanium	47-1	1381.50	1396.35	1407.01	1394.95	0.92	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.25	1.31	1.27	2.47	ppb
Vanadium	51-2	184.09	183.05	182.28	183.14	0.50	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	207.47	206.90	206.40	206.92	0.26	ppb
Zirconium	90-1	10.79	10.93	10.86	10.86	0.68	ppb
Zirconium	91-1	10.81	11.09	10.68	10.86	1.90	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24483.91	24175.81	24136.02	24265.25	0.78	ppb
Antimony	121-1	2.06	2.09	2.07	2.08	0.82	ppb
Arsenic	75-2	117.70	118.75	117.70	118.05	0.51	ppb
Barium	135-1	201.38	205.04	205.45	203.96	1.10	ppb
Barium	137-1	205.04	208.79	206.82	206.88	0.91	ppb
Beryllium	9-1	1.22	1.44	1.29	1.32	8.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.28	2.36	1.90	2.18	11.40	ppb
Cadmium	106-1	3.49	3.08	3.41	3.33	6.45	ppb
Cadmium	111-1	1.76	1.79	1.82	1.79	1.78	ppb
Calcium	43-1	8316.41	8493.02	8540.76	8450.06	1.40	ppb
Calcium	44-1	7616.51	7830.83	7802.46	7749.93	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.42	40.10	40.47	40.33	0.49	ppb
Cobalt	59-2	33.39	33.20	33.55	33.38	0.53	ppb
Copper	63-2	97.48	96.40	97.14	97.01	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				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	75103.43	74851.73	75023.37	74992.84	0.17	ppb
Iron	57-2	73935.67	73420.21	73859.37	73738.42	0.38	ppb
Iron	54-2	74716.70	73827.51	74956.19	74500.13	0.80	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.82	85.47	85.57	84.95	1.16	ppb
Lead	207-1	87.89	91.12	90.24	89.75	1.86	ppb
Lead	208-1	85.34	87.91	87.39	86.88	1.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	8357.66	8385.98	8420.06	8387.90	0.37	ppb
Manganese	55-2	1601.78	1598.28	1605.87	1601.98	0.24	ppb
Molybdenum	94-1	10.64	11.01	10.85	10.83	1.70	ppb
Molybdenum	95-1	0.88	0.96	0.95	0.93	4.54	ppb
Molybdenum	96-1	2.42	2.43	2.45	2.43	0.54	ppb
Molybdenum	97-1	0.92	0.95	0.92	0.93	1.84	ppb
Molybdenum	98-1	0.93	0.96	0.90	0.93	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.18	29.91	30.03	30.04	0.46	ppb
Phosphorus	31-2	1694.39	1736.58	1703.32	1711.43	1.30	ppb
Potassium	39-2	5674.75	5689.00	5674.75	5679.50	0.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	1.41	1.39	1.58	1.46	7.43	ppb
Selenium	77-2	14.31	14.62	14.61	14.51	1.19	ppb
Selenium	78-2	3.02	2.90	3.45	3.12	9.23	ppb
Silicon	28-1	893.22	924.54	935.55	917.77	2.39	ppb
Silver	107-1	0.50	0.51	0.49	0.50	1.39	ppb
Silver	109-1	0.48	0.49	0.50	0.49	1.80	ppb
Sodium	23-2	169.77	167.70	169.26	168.91	0.64	ppb
Strontium	86-1	52.23	53.99	53.57	53.26	1.73	ppb
Strontium	88-1	51.86	53.69	52.98	52.85	1.75	ppb
Sulfur	34-1	-1227.17	-1252.68	-1264.86	-1248.24		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.22	0.23	0.22	2.45	ppb
Thallium	205-1	0.21	0.22	0.23	0.22	3.51	ppb
Tin	118-1	2.07	2.10	2.17	2.11	2.44	ppb
Titanium	47-1	1358.54	1366.14	1382.42	1369.03	0.89	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.85	0.83	0.83	2.33	ppb
Vanadium	51-2	146.75	144.54	145.36	145.55	0.77	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	408.16	403.25	405.59	405.67	0.61	ppb
Zirconium	90-1	5.95	6.08	6.05	6.03	1.15	ppb
Zirconium	91-1	5.90	6.14	6.13	6.06	2.23	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38087.13	38539.52	38566.79	38397.82	0.70	ppb
Antimony	121-1	0.92	0.93	0.96	0.93	2.39	ppb
Arsenic	75-2	51.57	53.75	53.24	52.85	2.16	ppb
Barium	135-1	312.76	313.33	317.28	314.45	0.78	ppb
Barium	137-1	324.30	324.15	332.52	326.99	1.47	ppb
Beryllium	9-1	1.71	1.56	1.66	1.65	4.64	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.21	1.28	1.23	4.03	ppb
Cadmium	106-1	2.10	2.52	2.28	2.30	9.14	ppb
Cadmium	111-1	0.59	0.58	0.55	0.57	3.01	ppb
Calcium	43-1	12743.82	12768.88	12994.54	12835.75	1.08	ppb
Calcium	44-1	11689.75	11878.43	11909.33	11825.84	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.55	46.83	46.85	46.75	0.36	ppb
Cobalt	59-2	32.31	32.26	32.08	32.22	0.37	ppb
Copper	63-2	75.76	76.19	75.87	75.94	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				110		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	78068.72	78521.65	78386.09	78325.49	0.30	ppb
Iron	57-2	76261.43	77040.65	76301.06	76534.38	0.57	ppb
Iron	54-2	77098.91	78411.17	77064.88	77524.99	0.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.26	32.82	33.44	33.17	0.95	ppb
Lead	207-1	33.19	33.11	33.95	33.42	1.38	ppb
Lead	208-1	32.88	32.84	33.21	32.97	0.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	13559.24	13590.83	13458.90	13536.32	0.51	ppb
Manganese	55-2	1379.41	1396.58	1393.52	1389.84	0.66	ppb
Molybdenum	94-1	17.81	17.99	18.38	18.06	1.62	ppb
Molybdenum	95-1	0.79	0.79	0.82	0.80	2.61	ppb
Molybdenum	96-1	2.96	3.03	3.10	3.03	2.23	ppb
Molybdenum	97-1	0.73	0.79	0.77	0.76	3.58	ppb
Molybdenum	98-1	0.75	0.78	0.80	0.77	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.43	39.70	38.87	39.33	1.08	ppb
Phosphorus	31-2	1666.53	1627.85	1693.87	1662.75	2.00	ppb
Potassium	39-2	6528.70	6439.48	6606.63	6524.94	1.28	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.91	0.96	0.68	0.85	17.76	ppb
Selenium	77-2	17.05	20.91	14.63	17.53	18.06	ppb
Selenium	78-2	3.87	3.46	3.25	3.53	8.94	ppb
Silicon	28-1	858.00	868.94	871.45	866.13	0.83	ppb
Silver	107-1	0.19	0.19	0.17	0.18	5.19	ppb
Silver	109-1	0.17	0.18	0.19	0.18	3.09	ppb
Sodium	23-2	187.18	190.29	189.86	189.11	0.89	ppb
Strontium	86-1	71.74	72.84	72.99	72.52	0.94	ppb
Strontium	88-1	71.94	73.13	73.34	72.80	1.04	ppb
Sulfur	34-1	-1400.11	-1475.53	-1478.27	-1451.30		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.22	0.21	0.22	0.22	4.59	ppb
Thallium	205-1	0.23	0.21	0.21	0.22	4.33	ppb
Tin	118-1	1.67	1.73	1.75	1.72	2.27	ppb
Titanium	47-1	1058.22	1066.07	1073.25	1065.85	0.70	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.95	0.96	0.95	1.92	ppb
Vanadium	51-2	133.82	132.98	133.16	133.32	0.33	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	195.26	194.35	192.98	194.20	0.59	ppb
Zirconium	90-1	10.41	10.51	10.48	10.47	0.49	ppb
Zirconium	91-1	10.29	10.57	10.56	10.47	1.52	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50797.56	50465.30	50666.90	50643.25	0.33	ppb
Antimony	121-1	1.36	1.36	1.36	1.36	0.21	ppb
Arsenic	75-2	84.43	85.17	84.81	84.80	0.44	ppb
Barium	135-1	424.11	432.94	427.82	428.29	1.04	ppb
Barium	137-1	447.50	455.39	449.55	450.81	0.91	ppb
Beryllium	9-1	2.15	2.20	2.23	2.19	1.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.68	1.61	1.70	5.64	ppb
Cadmium	106-1	3.08	2.70	3.04	2.94	7.10	ppb
Cadmium	111-1	0.99	1.02	1.02	1.01	1.88	ppb
Calcium	43-1	18523.64	18801.22	18903.82	18742.89	1.05	ppb
Calcium	44-1	17291.45	17358.21	17488.14	17379.27	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.94	86.75	86.03	86.24	0.51	ppb
Cobalt	59-2	41.85	42.04	41.43	41.77	0.74	ppb
Copper	63-2	108.03	108.59	107.95	108.19	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				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	104914.10	104013.43	103106.08	104011.20	0.87	ppb
Iron	57-2	102249.79	103120.00	102403.28	102591.02	0.45	ppb
Iron	54-2	103578.66	103586.36	103146.06	103437.03	0.24	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.38	52.53	51.49	51.80	1.23	ppb
Lead	207-1	52.74	52.92	52.13	52.60	0.79	ppb
Lead	208-1	51.37	52.33	51.16	51.62	1.21	ppb
Lithium	6-1				94		%
Magnesium	24-2	18665.85	18471.76	18476.68	18538.10	0.60	ppb
Manganese	55-2	1956.56	1962.69	1931.54	1950.26	0.85	ppb
Molybdenum	94-1	17.05	17.60	17.06	17.24	1.83	ppb
Molybdenum	95-1	0.98	0.99	0.99	0.99	0.62	ppb
Molybdenum	96-1	3.26	3.25	3.23	3.25	0.40	ppb
Molybdenum	97-1	1.01	1.01	0.93	0.98	4.40	ppb
Molybdenum	98-1	0.96	0.97	0.97	0.97	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.82	62.02	61.61	61.82	0.34	ppb
Phosphorus	31-2	2168.71	2187.61	2182.33	2179.55	0.45	ppb
Potassium	39-2	9916.20	9871.17	9760.49	9849.29	0.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.97	1.51	1.48	1.32	23.05	ppb
Selenium	77-2	24.54	20.19	24.92	23.22	11.32	ppb
Selenium	78-2	4.32	4.68	3.72	4.24	11.46	ppb
Silicon	28-1	819.52	823.27	815.88	819.56	0.45	ppb
Silver	107-1	0.31	0.31	0.29	0.30	2.47	ppb
Silver	109-1	0.30	0.32	0.29	0.30	4.51	ppb
Sodium	23-2	232.15	235.09	233.43	233.56	0.63	ppb
Strontium	86-1	97.53	99.00	97.20	97.91	0.98	ppb
Strontium	88-1	97.14	98.20	96.42	97.25	0.92	ppb
Sulfur	34-1	-1057.98	-1066.82	-1053.45	-1059.42		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.32	0.31	0.31	1.28	ppb
Thallium	205-1	0.32	0.31	0.30	0.31	2.01	ppb
Tin	118-1	1.83	1.80	1.83	1.82	0.97	ppb
Titanium	47-1	1259.95	1260.43	1259.11	1259.83	0.05	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.15	1.14	1.14	0.35	ppb
Vanadium	51-2	169.53	170.11	169.38	169.67	0.23	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	313.74	313.52	312.58	313.28	0.20	ppb
Zirconium	90-1	9.67	9.86	9.68	9.74	1.11	ppb
Zirconium	91-1	9.66	11.17	9.58	10.14	8.84	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30453.57	31032.74	30509.49	30665.27	1.04	ppb
Antimony	121-1	2.39	2.41	2.34	2.38	1.45	ppb
Arsenic	75-2	137.46	136.28	135.36	136.37	0.77	ppb
Barium	135-1	251.17	251.55	253.20	251.97	0.43	ppb
Barium	137-1	251.25	257.04	255.82	254.70	1.20	ppb
Beryllium	9-1	1.44	1.62	1.65	1.57	7.17	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	2.50	2.31	2.32	7.65	ppb
Cadmium	106-1	4.39	3.40	3.38	3.72	15.46	ppb
Cadmium	111-1	1.88	1.87	1.83	1.86	1.29	ppb
Calcium	43-1	10730.73	10912.92	10881.08	10841.58	0.90	ppb
Calcium	44-1	9945.46	10011.99	10118.00	10025.15	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.90	52.36	52.19	52.15	0.45	ppb
Cobalt	59-2	39.88	40.20	40.26	40.12	0.51	ppb
Copper	63-2	134.92	137.70	136.20	136.27	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				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	106386.01	107331.53	105903.81	106540.45	0.68	ppb
Iron	57-2	103447.97	104101.15	104275.33	103941.48	0.42	ppb
Iron	54-2	105770.71	105635.76	106341.97	105916.15	0.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.87	95.17	95.26	94.43	1.43	ppb
Lead	207-1	94.48	98.12	97.65	96.75	2.05	ppb
Lead	208-1	98.08	101.59	100.71	100.13	1.82	ppb
Lithium	6-1				93		%
Magnesium	24-2	11402.19	11478.18	11344.39	11408.25	0.59	ppb
Manganese	55-2	1722.89	1714.18	1704.00	1713.69	0.55	ppb
Molybdenum	94-1	16.52	16.74	16.62	16.63	0.65	ppb
Molybdenum	95-1	1.21	1.23	1.26	1.23	2.24	ppb
Molybdenum	96-1	3.44	3.46	3.47	3.46	0.47	ppb
Molybdenum	97-1	1.22	1.19	1.23	1.21	1.71	ppb
Molybdenum	98-1	1.22	1.20	1.23	1.22	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.26	37.60	37.32	37.39	0.49	ppb
Phosphorus	31-2	2286.29	2274.41	2312.01	2290.91	0.84	ppb
Potassium	39-2	7465.81	7468.28	7479.48	7471.19	0.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	1.99	1.35	1.59	1.64	19.55	ppb
Selenium	77-2	16.87	16.20	16.98	16.68	2.54	ppb
Selenium	78-2	2.34	3.54	3.56	3.15	22.18	ppb
Silicon	28-1	854.16	877.96	847.75	859.96	1.85	ppb
Silver	107-1	0.42	0.42	0.44	0.43	1.94	ppb
Silver	109-1	0.43	0.44	0.44	0.43	1.91	ppb
Sodium	23-2	204.40	206.63	208.00	206.34	0.88	ppb
Strontium	86-1	68.56	67.66	67.60	67.94	0.79	ppb
Strontium	88-1	67.64	68.58	67.92	68.04	0.71	ppb
Sulfur	34-1	-1139.08	-1224.57	-1259.00	-1207.55		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.32	0.32	0.31	1.37	ppb
Thallium	205-1	0.30	0.32	0.33	0.32	4.93	ppb
Tin	118-1	2.08	2.09	2.12	2.10	1.13	ppb
Titanium	47-1	1769.74	1758.80	1744.46	1757.67	0.72	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.07	1.03	1.04	2.82	ppb
Vanadium	51-2	211.08	212.18	211.06	211.44	0.30	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	425.32	424.02	425.54	424.96	0.19	ppb
Zirconium	90-1	9.32	9.20	9.25	9.26	0.64	ppb
Zirconium	91-1	9.41	9.28	9.33	9.34	0.70	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34894.77	35498.46	35898.29	35430.51	1.43	ppb
Antimony	121-1	1.97	1.97	2.02	1.99	1.48	ppb
Arsenic	75-2	118.54	116.11	116.92	117.19	1.06	ppb
Barium	135-1	316.93	313.69	322.20	317.61	1.35	ppb
Barium	137-1	331.01	323.57	333.89	329.49	1.62	ppb
Beryllium	9-1	1.74	1.81	1.75	1.77	2.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.05	1.67	1.84	1.85	10.23	ppb
Cadmium	106-1	3.12	3.11	2.63	2.95	9.41	ppb
Cadmium	111-1	1.42	1.47	1.45	1.45	1.64	ppb
Calcium	43-1	13385.78	13236.22	13389.96	13337.32	0.66	ppb
Calcium	44-1	12355.18	12174.90	12224.39	12251.49	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.01	44.01	44.25	44.09	0.31	ppb
Cobalt	59-2	37.13	37.58	37.70	37.47	0.79	ppb
Copper	63-2	102.48	102.16	101.91	102.18	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				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	91740.24	92446.17	93249.30	92478.57	0.82	ppb
Iron	57-2	89970.51	90862.45	91196.63	90676.53	0.70	ppb
Iron	54-2	91039.45	91590.88	91383.78	91338.04	0.30	ppb
Krypton	83-1						cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.65	82.57	82.86	82.36	0.76	ppb
Lead	207-1	85.86	86.05	85.45	85.79	0.36	ppb
Lead	208-1	82.92	83.54	83.49	83.31	0.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	13245.94	13271.74	13527.94	13348.54	1.17	ppb
Manganese	55-2	1836.26	1864.04	1880.82	1860.37	1.21	ppb
Molybdenum	94-1	14.54	14.60	14.66	14.60	0.40	ppb
Molybdenum	95-1	1.04	1.06	1.09	1.06	2.53	ppb
Molybdenum	96-1	2.94	2.96	3.04	2.98	1.71	ppb
Molybdenum	97-1	1.07	1.00	1.05	1.04	3.52	ppb
Molybdenum	98-1	1.01	1.04	1.04	1.03	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.31	39.20	39.68	39.40	0.64	ppb
Phosphorus	31-2	2424.69	2469.17	2430.42	2441.43	0.99	ppb
Potassium	39-2	8616.73	8705.48	8723.08	8681.76	0.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	1.23	1.37	1.47	1.36	9.05	ppb
Selenium	77-2	21.16	15.41	19.87	18.82	16.02	ppb
Selenium	78-2	3.93	4.79	4.08	4.27	10.73	ppb
Silicon	28-1	836.10	828.85	834.69	833.21	0.46	ppb
Silver	107-1	0.41	0.42	0.43	0.42	2.75	ppb
Silver	109-1	0.42	0.42	0.42	0.42	0.79	ppb
Sodium	23-2	219.09	223.27	222.47	221.61	1.00	ppb
Strontium	86-1	77.05	77.56	77.96	77.52	0.59	ppb
Strontium	88-1	78.12	77.45	77.54	77.70	0.47	ppb
Sulfur	34-1	-973.89	-1047.25	-1116.55	-1045.89		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.29	0.25	0.26	0.27	7.70	ppb
Thallium	205-1	0.26	0.25	0.25	0.25	1.62	ppb
Tin	118-1	1.93	1.91	1.91	1.92	0.55	ppb
Titanium	47-1	1348.82	1360.97	1362.81	1357.53	0.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.04	1.08	1.05	2.84	ppb
Vanadium	51-2	164.23	165.09	165.28	164.87	0.34	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	398.37	402.74	404.13	401.75	0.75	ppb
Zirconium	90-1	8.10	8.19	8.23	8.17	0.81	ppb
Zirconium	91-1	8.06	8.20	8.15	8.14	0.91	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38430.15	38423.69	38472.02	38441.95	0.07	ppb
Antimony	121-1	1.48	1.51	1.70	1.56	7.78	ppb
Arsenic	75-2	114.35	113.04	112.73	113.37	0.76	ppb
Barium	135-1	363.51	377.74	425.14	388.80	8.30	ppb
Barium	137-1	381.67	390.09	434.70	402.16	7.09	ppb
Beryllium	9-1	1.81	1.78	2.05	1.88	7.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.48	1.60	1.90	1.66	12.94	ppb
Cadmium	106-1	3.31	2.20	3.95	3.15	28.11	ppb
Cadmium	111-1	1.15	1.12	1.32	1.20	9.11	ppb
Calcium	43-1	14041.44	13874.12	15715.01	14543.52	7.00	ppb
Calcium	44-1	12836.75	12947.48	14438.65	13407.63	6.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.43	51.90	52.42	52.25	0.58	ppb
Cobalt	59-2	41.18	40.77	41.22	41.06	0.61	ppb
Copper	63-2	101.40	100.98	101.00	101.13	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				103		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	99345.03	100164.47	99842.81	99784.10	0.41	ppb
Iron	57-2	98014.92	96415.25	96631.97	97020.71	0.89	ppb
Iron	54-2	98733.95	98257.32	98585.99	98525.75	0.25	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.44	74.76	83.51	77.90	6.25	ppb
Lead	207-1	77.25	76.65	87.72	80.54	7.72	ppb
Lead	208-1	75.44	75.33	84.10	78.29	6.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	13858.20	14011.22	13785.98	13885.13	0.83	ppb
Manganese	55-2	1786.88	1785.43	1789.83	1787.38	0.13	ppb
Molybdenum	94-1	14.82	15.26	16.71	15.60	6.36	ppb
Molybdenum	95-1	1.13	1.17	1.32	1.21	8.31	ppb
Molybdenum	96-1	3.24	3.23	3.53	3.33	5.06	ppb
Molybdenum	97-1	1.20	1.14	1.31	1.22	6.85	ppb
Molybdenum	98-1	1.12	1.18	1.25	1.18	5.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.52	41.48	42.14	42.05	1.25	ppb
Phosphorus	31-2	2420.12	2457.99	2403.23	2427.11	1.16	ppb
Potassium	39-2	7920.85	7772.88	7834.83	7842.86	0.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	1.04	0.72	1.64	1.13	41.30	ppb
Selenium	77-2	17.71	20.10	18.26	18.69	6.71	ppb
Selenium	78-2	5.93	4.66	4.27	4.96	17.55	ppb
Silicon	28-1	872.67	879.24	980.67	910.86	6.65	ppb
Silver	107-1	0.40	0.41	0.46	0.43	7.40	ppb
Silver	109-1	0.40	0.41	0.48	0.43	10.01	ppb
Sodium	23-2	222.79	220.22	222.93	221.98	0.69	ppb
Strontium	86-1	76.65	78.55	85.53	80.24	5.83	ppb
Strontium	88-1	76.72	77.93	85.18	79.95	5.72	ppb
Sulfur	34-1	-930.49	-1046.11	-507.42	-828.00		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.29	0.30	0.29	2.25	ppb
Thallium	205-1	0.27	0.28	0.30	0.29	5.17	ppb
Tin	118-1	2.73	2.76	3.26	2.92	10.20	ppb
Titanium	47-1	1354.72	1372.91	1561.93	1429.85	8.02	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.14	1.29	1.19	6.96	ppb
Vanadium	51-2	187.32	188.15	186.28	187.25	0.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	337.04	337.93	338.09	337.69	0.17	ppb
Zirconium	90-1	8.38	8.65	9.42	8.82	6.15	ppb
Zirconium	91-1	8.47	8.68	9.47	8.87	5.92	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37876.01	38092.88	37638.20	37869.03	0.60	ppb
Antimony	121-1	1.62	1.63	1.68	1.64	2.04	ppb
Arsenic	75-2	114.42	111.36	111.73	112.50	1.49	ppb
Barium	135-1	356.23	360.28	362.91	359.81	0.93	ppb
Barium	137-1	369.51	376.09	383.14	376.25	1.81	ppb
Beryllium	9-1	1.76	1.90	1.67	1.78	6.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.54	1.69	1.55	8.17	ppb
Cadmium	106-1	2.76	2.23	2.30	2.43	11.88	ppb
Cadmium	111-1	1.11	1.05	1.07	1.08	2.91	ppb
Calcium	43-1	13622.86	13853.15	13781.47	13752.49	0.86	ppb
Calcium	44-1	12588.79	12672.30	12758.46	12673.18	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.89	51.62	51.28	51.60	0.59	ppb
Cobalt	59-2	40.13	40.36	40.52	40.34	0.49	ppb
Copper	63-2	99.57	99.43	99.64	99.55	0.11	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				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	98371.69	96993.14	97012.37	97459.07	0.81	ppb
Iron	57-2	96594.20	96238.07	95403.29	96078.52	0.64	ppb
Iron	54-2	97407.95	96653.56	96974.91	97012.14	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.00	74.00	75.00	73.67	2.07	ppb
Lead	207-1	75.29	76.93	77.62	76.61	1.56	ppb
Lead	208-1	73.52	74.74	75.95	74.74	1.63	ppb
Lithium	6-1				90		%
Magnesium	24-2	13918.60	13747.16	13543.99	13736.58	1.37	ppb
Manganese	55-2	1747.53	1721.57	1719.20	1729.43	0.91	ppb
Molybdenum	94-1	15.01	15.27	14.97	15.08	1.08	ppb
Molybdenum	95-1	1.17	1.12	1.15	1.15	2.56	ppb
Molybdenum	96-1	3.14	3.18	3.07	3.13	1.77	ppb
Molybdenum	97-1	1.15	1.13	1.13	1.14	1.11	ppb
Molybdenum	98-1	1.17	1.08	1.09	1.12	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.51	41.65	40.66	41.27	1.30	ppb
Phosphorus	31-2	2386.46	2357.86	2335.83	2360.05	1.08	ppb
Potassium	39-2	7795.40	7741.16	7745.03	7760.53	0.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.69	1.13	0.92	1.25	31.87	ppb
Selenium	77-2	21.40	18.84	18.18	19.47	8.72	ppb
Selenium	78-2	4.91	3.60	3.52	4.01	19.49	ppb
Silicon	28-1	872.87	876.43	878.79	876.03	0.34	ppb
Silver	107-1	0.41	0.40	0.40	0.40	1.13	ppb
Silver	109-1	0.39	0.39	0.40	0.39	1.85	ppb
Sodium	23-2	222.14	222.48	222.15	222.25	0.09	ppb
Strontium	86-1	75.21	76.12	76.31	75.88	0.77	ppb
Strontium	88-1	75.03	76.62	75.53	75.73	1.08	ppb
Sulfur	34-1	-1067.72	-1129.97	-1133.81	-1110.50		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.27	0.27	0.27	0.34	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	1.74	ppb
Tin	118-1	2.53	2.53	2.57	2.55	0.98	ppb
Titanium	47-1	1373.33	1392.38	1388.07	1384.59	0.72	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.16	1.16	1.15	1.49	ppb
Vanadium	51-2	184.24	184.53	183.09	183.96	0.41	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	330.67	331.91	329.80	330.79	0.32	ppb
Zirconium	90-1	8.25	8.54	8.38	8.39	1.73	ppb
Zirconium	91-1	8.35	8.55	8.33	8.41	1.46	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7494.23	7545.44	7522.94	7520.87	0.34	ppb
Antimony	121-1	0.28	0.29	0.28	0.28	3.69	ppb
Arsenic	75-2	22.55	22.43	23.00	22.66	1.33	ppb
Barium	135-1	68.72	69.86	70.15	69.58	1.09	ppb
Barium	137-1	69.35	69.47	70.47	69.76	0.88	ppb
Beryllium	9-1	0.31	0.32	0.27	0.30	8.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.27	0.23	0.22	25.65	ppb
Cadmium	106-1	0.44	0.27	-0.17	0.18	174.64	ppb
Cadmium	111-1	0.21	0.19	0.17	0.19	9.20	ppb
Calcium	43-1	2678.94	2714.92	2704.18	2699.35	0.68	ppb
Calcium	44-1	2497.23	2550.28	2519.45	2522.32	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.08	10.31	10.37	10.25	1.48	ppb
Cobalt	59-2	8.06	7.95	7.92	7.98	0.91	ppb
Copper	63-2	20.02	20.09	19.75	19.95	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	19419.79	19667.78	19447.26	19511.61	0.70	ppb
Iron	57-2	19516.24	19095.80	19171.40	19261.15	1.16	ppb
Iron	54-2	19295.69	19429.09	19455.65	19393.47	0.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.82	14.09	13.79	13.90	1.19	ppb
Lead	207-1	14.31	14.56	14.36	14.41	0.94	ppb
Lead	208-1	13.98	14.20	13.96	14.04	0.94	ppb
Lithium	6-1				90		%
Magnesium	24-2	2686.64	2724.90	2724.18	2711.91	0.81	ppb
Manganese	55-2	359.84	361.07	364.36	361.76	0.65	ppb
Molybdenum	94-1	2.99	2.94	2.91	2.95	1.40	ppb
Molybdenum	95-1	0.21	0.22	0.22	0.22	4.26	ppb
Molybdenum	96-1	0.66	0.67	0.61	0.65	4.76	ppb
Molybdenum	97-1	0.22	0.20	0.23	0.22	7.08	ppb
Molybdenum	98-1	0.22	0.21	0.21	0.21	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.17	8.33	8.21	8.24	1.03	ppb
Phosphorus	31-2	458.01	471.28	468.71	466.00	1.51	ppb
Potassium	39-2	1666.80	1673.16	1667.95	1669.30	0.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.21	0.22	0.36	0.26	31.19	ppb
Selenium	77-2	3.20	3.09	4.36	3.55	19.80	ppb
Selenium	78-2	-0.44	0.71	0.38	0.21	277.33	ppb
Silicon	28-1	166.66	168.22	168.39	167.76	0.57	ppb
Silver	107-1	0.08	0.07	0.08	0.08	7.12	ppb
Silver	109-1	0.08	0.08	0.08	0.08	6.27	ppb
Sodium	23-2	65.35	63.47	63.53	64.12	1.67	ppb
Strontium	86-1	15.39	15.33	15.24	15.32	0.51	ppb
Strontium	88-1	15.20	15.34	15.33	15.29	0.50	ppb
Sulfur	34-1	-1307.25	-1299.72	-1370.23	-1325.74		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.03	0.03	18.24	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.18	ppb
Tin	118-1	0.45	0.53	0.50	0.49	8.18	ppb
Titanium	47-1	271.70	274.85	276.23	274.26	0.85	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.21	2.09	ppb
Vanadium	51-2	36.50	36.55	36.12	36.39	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	66.77	65.84	65.77	66.12	0.84	ppb
Zirconium	90-1	1.63	1.65	1.66	1.65	1.00	ppb
Zirconium	91-1	1.63	1.74	1.64	1.67	3.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39761.97	39495.06	39901.04	39719.36	0.52	ppb
Antimony	121-1	63.71	64.44	65.61	64.59	1.48	ppb
Arsenic	75-2	137.62	138.26	137.34	137.74	0.34	ppb
Barium	135-1	1492.20	1494.39	1510.63	1499.08	0.67	ppb
Barium	137-1	1513.02	1506.95	1527.47	1515.82	0.70	ppb
Beryllium	9-1	32.28	33.51	33.92	33.24	2.56	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.84	29.95	31.82	30.54	3.64	ppb
Cadmium	106-1	29.35	31.36	30.20	30.31	3.33	ppb
Cadmium	111-1	32.59	32.81	33.42	32.94	1.30	ppb
Calcium	43-1	14081.22	14163.42	14281.46	14175.37	0.71	ppb
Calcium	44-1	12936.02	13204.03	12923.25	13021.10	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.34	170.45	169.32	170.04	0.36	ppb
Cobalt	59-2	328.12	326.34	325.40	326.62	0.42	ppb
Copper	63-2	240.77	242.18	239.16	240.70	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				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	101511.94	102047.73	102433.95	101997.87	0.45	ppb
Iron	57-2	100321.37	100707.28	100249.16	100425.93	0.25	ppb
Iron	54-2	101509.80	100784.65	102045.62	101446.69	0.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.56	88.58	88.76	87.97	1.39	ppb
Lead	207-1	87.94	91.65	91.71	90.43	2.39	ppb
Lead	208-1	87.07	89.27	89.70	88.68	1.59	ppb
Lithium	6-1				93		%
Magnesium	24-2	14207.28	14231.31	14165.92	14201.50	0.23	ppb
Manganese	55-2	2085.28	2080.47	2085.05	2083.60	0.13	ppb
Molybdenum	94-1	15.17	15.48	15.27	15.31	1.02	ppb
Molybdenum	95-1	1.21	1.18	1.24	1.21	2.65	ppb
Molybdenum	96-1	3.22	3.33	3.26	3.27	1.84	ppb
Molybdenum	97-1	1.14	1.21	1.22	1.19	3.84	ppb
Molybdenum	98-1	1.15	1.19	1.20	1.18	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	326.16	326.04	326.33	326.18	0.05	ppb
Phosphorus	31-2	2409.35	2414.12	2403.22	2408.90	0.23	ppb
Potassium	39-2	7989.53	7970.04	7883.29	7947.62	0.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	59.38	60.25	59.66	59.77	0.74	ppb
Selenium	77-2	73.35	73.07	78.24	74.89	3.88	ppb
Selenium	78-2	59.99	61.01	60.86	60.62	0.91	ppb
Silicon	28-1	894.92	887.85	904.70	895.82	0.94	ppb
Silver	107-1	24.92	25.49	26.15	25.52	2.41	ppb
Silver	109-1	25.11	25.56	26.25	25.64	2.25	ppb
Sodium	23-2	207.89	208.69	210.52	209.03	0.65	ppb
Strontium	86-1	78.27	78.87	77.75	78.30	0.72	ppb
Strontium	88-1	77.64	78.76	77.27	77.89	1.00	ppb
Sulfur	34-1	-1061.83	-1134.99	-1102.38	-1099.73		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	28.25	29.49	29.75	29.16	2.75	ppb
Thallium	205-1	28.59	29.84	29.45	29.29	2.17	ppb
Tin	118-1	2.57	2.66	2.70	2.65	2.63	ppb
Titanium	47-1	1405.74	1404.66	1394.93	1401.78	0.42	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.20	1.18	1.18	1.59	ppb
Vanadium	51-2	458.97	462.03	463.77	461.59	0.53	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	623.00	628.37	624.86	625.41	0.44	ppb
Zirconium	90-1	8.56	8.63	8.57	8.58	0.45	ppb
Zirconium	91-1	8.49	8.84	8.67	8.67	2.01	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43472.65	43557.44	43998.70	43676.27	0.65	ppb
Antimony	121-1	281.80	289.15	283.93	284.96	1.33	ppb
Arsenic	75-2	215.75	218.37	218.88	217.67	0.77	ppb
Barium	135-1	5847.51	6047.57	5881.18	5925.42	1.81	ppb
Barium	137-1	5878.41	6026.75	5851.80	5918.99	1.59	ppb
Beryllium	9-1	155.38	154.99	158.46	156.27	1.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	127.77	131.37	130.90	130.01	1.51	ppb
Cadmium	106-1	125.10	129.42	126.68	127.07	1.72	ppb
Cadmium	111-1	140.33	146.06	141.96	142.79	2.07	ppb
Calcium	43-1	13740.77	14166.43	14005.82	13971.01	1.54	ppb
Calcium	44-1	12701.07	12970.60	12913.48	12861.72	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	605.47	620.42	618.34	614.74	1.32	ppb
Cobalt	59-2	1447.36	1458.06	1474.94	1460.12	0.95	ppb
Copper	63-2	780.98	786.26	784.26	783.83	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				109		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	103765.87	104461.93	104860.97	104362.92	0.53	ppb
Iron	57-2	101986.86	102511.36	103037.23	102511.81	0.51	ppb
Iron	54-2	102349.37	104215.63	104423.23	103662.74	1.10	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	124.38	127.98	128.64	127.00	1.81	ppb
Lead	207-1	126.89	130.23	129.47	128.86	1.36	ppb
Lead	208-1	133.04	135.60	135.75	134.80	1.13	ppb
Lithium	6-1				93		%
Magnesium	24-2	14005.69	14250.92	14073.73	14110.11	0.90	ppb
Manganese	55-2	3151.71	3156.97	3173.99	3160.89	0.37	ppb
Molybdenum	94-1	15.06	15.51	15.32	15.29	1.45	ppb
Molybdenum	95-1	1.20	1.22	1.25	1.22	1.79	ppb
Molybdenum	96-1	3.16	3.32	3.31	3.26	2.85	ppb
Molybdenum	97-1	1.21	1.22	1.23	1.22	0.92	ppb
Molybdenum	98-1	1.18	1.18	1.23	1.20	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1469.82	1470.74	1490.23	1476.93	0.78	ppb
Phosphorus	31-2	2402.83	2476.91	2411.99	2430.58	1.66	ppb
Potassium	39-2	7819.47	7907.06	7952.98	7893.17	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	290.88	298.63	295.91	295.14	1.33	ppb
Selenium	77-2	296.72	316.13	315.10	309.31	3.53	ppb
Selenium	78-2	286.54	292.24	291.37	290.05	1.06	ppb
Silicon	28-1	860.04	883.73	863.14	868.97	1.48	ppb
Silver	107-1	107.90	108.04	106.81	107.58	0.62	ppb
Silver	109-1	109.06	107.36	113.31	109.91	2.79	ppb
Sodium	23-2	211.86	212.20	217.78	213.95	1.55	ppb
Strontium	86-1	75.60	77.91	77.34	76.95	1.56	ppb
Strontium	88-1	75.67	77.57	76.69	76.64	1.24	ppb
Sulfur	34-1	-1085.34	-1062.88	-1128.42	-1092.21		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	127.08	129.82	131.98	129.63	1.89	ppb
Thallium	205-1	140.32	145.29	146.80	144.14	2.35	ppb
Tin	118-1	2.63	2.71	2.66	2.67	1.52	ppb
Titanium	47-1	1350.72	1376.04	1370.15	1365.64	0.97	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.19	1.19	1.17	3.05	ppb
Vanadium	51-2	1545.21	1561.07	1579.33	1561.87	1.09	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	1705.14	1729.93	1744.39	1726.49	1.15	ppb
Zirconium	90-1	8.26	8.51	8.40	8.39	1.45	ppb
Zirconium	91-1	8.26	8.72	8.58	8.52	2.73	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35500.53	35421.06	35586.75	35502.78	0.23	ppb
Antimony	121-1	1.36	1.39	1.39	1.38	1.09	ppb
Arsenic	75-2	72.84	72.24	73.12	72.73	0.61	ppb
Barium	135-1	298.56	306.65	304.93	303.38	1.40	ppb
Barium	137-1	302.62	314.45	317.61	311.56	2.54	ppb
Beryllium	9-1	1.68	1.61	1.65	1.65	2.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.37	1.35	1.39	2.94	ppb
Cadmium	106-1	2.44	2.55	2.23	2.41	6.88	ppb
Cadmium	111-1	0.87	0.90	0.87	0.88	1.65	ppb
Calcium	43-1	13280.95	13336.46	13282.67	13300.03	0.24	ppb
Calcium	44-1	12266.29	12326.40	12252.50	12281.73	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.73	45.82	45.95	45.83	0.24	ppb
Cobalt	59-2	31.57	31.93	32.06	31.85	0.79	ppb
Copper	63-2	84.67	85.51	84.58	84.92	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	84701.17	85856.52	85340.55	85299.42	0.68	ppb
Iron	57-2	83688.24	84139.61	83037.36	83621.74	0.66	ppb
Iron	54-2	84463.29	84949.87	83953.33	84455.50	0.59	ppb
Krypton	83-1						cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.79	48.44	49.24	48.49	1.49	ppb
Lead	207-1	48.90	50.03	50.02	49.65	1.31	ppb
Lead	208-1	48.21	48.69	49.04	48.65	0.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	12956.08	12905.73	12869.99	12910.60	0.33	ppb
Manganese	55-2	1421.48	1450.71	1424.88	1432.36	1.12	ppb
Molybdenum	94-1	14.65	14.82	14.82	14.76	0.68	ppb
Molybdenum	95-1	0.85	0.90	0.91	0.89	3.27	ppb
Molybdenum	96-1	2.81	2.79	2.87	2.82	1.44	ppb
Molybdenum	97-1	0.90	0.88	0.90	0.89	1.27	ppb
Molybdenum	98-1	0.91	0.84	0.85	0.87	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.03	37.26	37.11	37.13	0.31	ppb
Phosphorus	31-2	2166.49	2184.99	2138.90	2163.46	1.07	ppb
Potassium	39-2	6915.88	6952.23	6911.55	6926.55	0.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.18	0.88	1.07	1.04	14.76	ppb
Selenium	77-2	15.88	13.36	14.87	14.70	8.62	ppb
Selenium	78-2	3.19	1.83	3.05	2.69	27.75	ppb
Silicon	28-1	858.09	856.31	850.34	854.91	0.47	ppb
Silver	107-1	0.32	0.27	0.24	0.28	15.06	ppb
Silver	109-1	0.32	0.27	0.25	0.28	13.61	ppb
Sodium	23-2	200.59	205.43	202.91	202.98	1.19	ppb
Strontium	86-1	68.96	69.32	69.79	69.36	0.60	ppb
Strontium	88-1	68.15	69.62	68.88	68.88	1.07	ppb
Sulfur	34-1	-981.45	-1059.37	-1172.52	-1071.12		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.26	0.28	0.26	8.62	ppb
Thallium	205-1	0.25	0.26	0.24	0.25	2.89	ppb
Tin	118-1	1.59	1.69	1.66	1.65	3.03	ppb
Titanium	47-1	1155.08	1176.50	1157.87	1163.15	1.00	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.85	0.90	0.87	2.30	ppb
Vanadium	51-2	151.27	153.34	152.38	152.33	0.68	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	254.41	257.89	257.66	256.65	0.76	ppb
Zirconium	90-1	8.29	8.22	8.36	8.29	0.88	ppb
Zirconium	91-1	8.28	8.30	8.45	8.34	1.09	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33630.90	33688.02	34190.86	33836.59	0.91	ppb
Antimony	121-1	0.96	0.96	0.94	0.95	1.17	ppb
Arsenic	75-2	45.13	44.94	45.27	45.12	0.37	ppb
Barium	135-1	282.88	282.46	279.08	281.47	0.74	ppb
Barium	137-1	286.22	285.85	284.98	285.68	0.22	ppb
Beryllium	9-1	1.40	1.50	1.56	1.49	5.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	1.05	1.48	1.13	28.88	ppb
Cadmium	106-1	2.48	2.16	2.85	2.49	13.83	ppb
Cadmium	111-1	0.55	0.54	0.53	0.54	1.61	ppb
Calcium	43-1	34979.66	35038.43	35174.15	35064.08	0.28	ppb
Calcium	44-1	34602.83	34917.48	35301.43	34940.58	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.18	52.35	52.33	52.28	0.17	ppb
Cobalt	59-2	37.04	36.95	36.97	36.99	0.12	ppb
Copper	63-2	78.84	78.89	78.96	78.90	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				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	78942.18	79051.96	79131.52	79041.89	0.12	ppb
Iron	57-2	78299.24	77339.41	76869.63	77502.76	0.94	ppb
Iron	54-2	77982.80	78495.76	78832.42	78436.99	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.47	35.02	34.52	34.34	2.31	ppb
Lead	207-1	32.40	33.16	33.28	32.94	1.46	ppb
Lead	208-1	32.63	33.67	33.41	33.24	1.61	ppb
Lithium	6-1				92		%
Magnesium	24-2	14598.89	14967.45	14751.02	14772.45	1.25	ppb
Manganese	55-2	1608.59	1617.57	1612.42	1612.86	0.28	ppb
Molybdenum	94-1	17.30	17.37	17.44	17.37	0.39	ppb
Molybdenum	95-1	1.06	1.04	1.04	1.04	0.92	ppb
Molybdenum	96-1	3.20	3.20	3.19	3.20	0.28	ppb
Molybdenum	97-1	1.05	1.04	0.99	1.03	3.01	ppb
Molybdenum	98-1	1.06	1.02	1.02	1.03	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.64	45.98	46.23	45.95	0.65	ppb
Phosphorus	31-2	2278.24	2283.13	2316.14	2292.50	0.90	ppb
Potassium	39-2	6040.73	6105.35	6112.00	6086.03	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.89	0.43	0.63	0.65	36.05	ppb
Selenium	77-2	16.11	18.86	17.40	17.46	7.86	ppb
Selenium	78-2	2.64	2.99	3.51	3.05	14.36	ppb
Silicon	28-1	909.41	929.59	925.26	921.42	1.15	ppb
Silver	107-1	0.15	0.15	0.14	0.15	3.19	ppb
Silver	109-1	0.13	0.13	0.15	0.14	4.98	ppb
Sodium	23-2	256.07	257.87	260.33	258.09	0.83	ppb
Strontium	86-1	69.59	69.23	69.59	69.47	0.30	ppb
Strontium	88-1	68.99	68.69	69.35	69.01	0.48	ppb
Sulfur	34-1	-857.62	-844.65	-859.65	-853.98		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.21	0.24	0.22	8.14	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	2.45	ppb
Tin	118-1	1.60	1.70	1.65	1.65	3.17	ppb
Titanium	47-1	1146.75	1157.93	1150.04	1151.57	0.50	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.91	0.89	0.90	1.34	ppb
Vanadium	51-2	138.07	138.54	138.08	138.23	0.19	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	175.01	177.81	177.95	176.92	0.94	ppb
Zirconium	90-1	9.80	9.84	9.88	9.84	0.40	ppb
Zirconium	91-1	9.73	9.97	9.99	9.90	1.48	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40976.76	41057.28	41154.92	41062.99	0.22	ppb
Antimony	121-1	0.88	0.88	0.90	0.89	1.32	ppb
Arsenic	75-2	70.56	71.83	72.71	71.70	1.50	ppb
Barium	135-1	319.88	316.57	324.53	320.33	1.25	ppb
Barium	137-1	334.99	329.68	340.86	335.17	1.67	ppb
Beryllium	9-1	1.77	1.73	1.78	1.76	1.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.41	1.43	1.37	6.41	ppb
Cadmium	106-1	2.74	2.75	2.48	2.66	5.74	ppb
Cadmium	111-1	0.76	0.86	0.79	0.80	5.98	ppb
Calcium	43-1	14051.32	14239.95	14061.37	14117.54	0.75	ppb
Calcium	44-1	12976.95	13105.37	13066.24	13049.52	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.39	49.30	49.89	49.53	0.64	ppb
Cobalt	59-2	35.51	35.05	35.40	35.32	0.69	ppb
Copper	63-2	85.23	84.90	84.98	85.04	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				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	87680.40	87508.51	88125.66	87771.52	0.36	ppb
Iron	57-2	86102.89	85822.42	86355.97	86093.76	0.31	ppb
Iron	54-2	86916.45	86254.18	88300.33	87156.98	1.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.81	43.86	43.16	43.28	1.24	ppb
Lead	207-1	43.27	45.10	43.04	43.80	2.58	ppb
Lead	208-1	42.84	44.29	42.80	43.31	1.95	ppb
Lithium	6-1				92		%
Magnesium	24-2	14796.47	14933.83	15257.57	14995.96	1.58	ppb
Manganese	55-2	1381.62	1393.35	1408.63	1394.53	0.97	ppb
Molybdenum	94-1	19.24	19.00	19.22	19.15	0.70	ppb
Molybdenum	95-1	0.84	0.81	0.86	0.84	3.20	ppb
Molybdenum	96-1	3.24	3.22	3.23	3.23	0.33	ppb
Molybdenum	97-1	0.80	0.82	0.82	0.82	1.73	ppb
Molybdenum	98-1	0.83	0.81	0.84	0.83	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.27	40.99	40.06	40.44	1.21	ppb
Phosphorus	31-2	2198.12	2139.66	2135.58	2157.79	1.62	ppb
Potassium	39-2	6659.19	6605.54	6671.87	6645.53	0.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.09	1.04	0.88	0.67	75.73	ppb
Selenium	77-2	16.01	18.43	16.97	17.14	7.11	ppb
Selenium	78-2	2.20	3.53	3.18	2.97	23.29	ppb
Silicon	28-1	1049.09	1046.52	1050.57	1048.73	0.20	ppb
Silver	107-1	0.20	0.20	0.21	0.21	0.90	ppb
Silver	109-1	0.20	0.20	0.20	0.20	1.85	ppb
Sodium	23-2	222.70	221.55	224.19	222.81	0.59	ppb
Strontium	86-1	75.88	76.34	76.72	76.31	0.55	ppb
Strontium	88-1	76.26	75.71	76.45	76.14	0.51	ppb
Sulfur	34-1	-921.93	-1125.43	-1207.37	-1084.91		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.24	0.24	0.23	5.32	ppb
Thallium	205-1	0.22	0.24	0.23	0.23	3.34	ppb
Tin	118-1	1.85	1.80	1.83	1.82	1.29	ppb
Titanium	47-1	1231.25	1255.31	1275.08	1253.88	1.75	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	0.96	0.97	1.08	ppb
Vanadium	51-2	157.43	158.05	159.34	158.27	0.61	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	254.30	252.04	253.71	253.35	0.46	ppb
Zirconium	90-1	10.92	10.94	10.97	10.94	0.25	ppb
Zirconium	91-1	11.01	10.97	11.02	11.00	0.22	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26215.60	26295.68	26318.97	26276.75	0.21	ppb
Antimony	121-1	3.16	3.15	3.18	3.16	0.47	ppb
Arsenic	75-2	247.56	243.12	243.92	244.87	0.97	ppb
Barium	135-1	160.52	162.43	159.12	160.69	1.03	ppb
Barium	137-1	162.77	162.07	162.07	162.30	0.25	ppb
Beryllium	9-1	1.33	1.20	1.28	1.27	5.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	2.35	2.65	2.45	7.06	ppb
Cadmium	106-1	3.55	3.22	2.77	3.18	12.25	ppb
Cadmium	111-1	1.84	1.87	1.81	1.84	1.57	ppb
Calcium	43-1	7928.66	7986.62	8007.46	7974.25	0.51	ppb
Calcium	44-1	7356.27	7329.62	7254.26	7313.39	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.86	43.68	43.52	43.69	0.39	ppb
Cobalt	59-2	30.98	30.68	30.78	30.81	0.48	ppb
Copper	63-2	107.33	107.28	107.38	107.33	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				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	89271.86	88047.63	89053.83	88791.10	0.74	ppb
Iron	57-2	86235.17	86598.23	86819.51	86550.97	0.34	ppb
Iron	54-2	87760.70	88260.59	87539.79	87853.69	0.42	ppb
Krypton	83-1						cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	144.11	143.78	143.99	143.96	0.12	ppb
Lead	207-1	154.53	151.77	154.35	153.55	1.01	ppb
Lead	208-1	157.17	154.79	156.12	156.03	0.77	ppb
Lithium	6-1				91		%
Magnesium	24-2	9072.56	9034.31	8957.62	9021.50	0.65	ppb
Manganese	55-2	1021.65	1001.31	1016.72	1013.22	1.05	ppb
Molybdenum	94-1	15.85	16.09	16.32	16.09	1.45	ppb
Molybdenum	95-1	1.23	1.25	1.22	1.23	1.33	ppb
Molybdenum	96-1	3.29	3.21	3.25	3.25	1.19	ppb
Molybdenum	97-1	1.21	1.19	1.21	1.20	0.99	ppb
Molybdenum	98-1	1.21	1.23	1.25	1.23	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.90	29.67	29.98	29.85	0.53	ppb
Phosphorus	31-2	2165.59	2097.55	2152.79	2138.65	1.69	ppb
Potassium	39-2	6038.28	5958.94	6078.86	6025.36	1.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	1.62	1.34	1.52	1.49	9.47	ppb
Selenium	77-2	15.06	13.89	13.89	14.28	4.75	ppb
Selenium	78-2	2.25	3.73	2.61	2.86	26.95	ppb
Silicon	28-1	906.79	923.11	924.18	918.03	1.06	ppb
Silver	107-1	0.76	0.80	0.78	0.78	2.28	ppb
Silver	109-1	0.77	0.78	0.78	0.78	0.81	ppb
Sodium	23-2	204.46	204.12	206.51	205.03	0.63	ppb
Strontium	86-1	49.73	50.37	50.90	50.33	1.16	ppb
Strontium	88-1	50.13	50.04	50.40	50.19	0.37	ppb
Sulfur	34-1	-1047.43	-1119.97	-1155.79	-1107.73		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.26	0.27	0.26	2.98	ppb
Thallium	205-1	0.25	0.25	0.26	0.26	0.94	ppb
Tin	118-1	2.36	2.34	2.31	2.34	0.95	ppb
Titanium	47-1	1612.50	1636.41	1634.22	1627.71	0.81	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.98	1.00	0.98	1.64	ppb
Vanadium	51-2	177.89	176.22	176.73	176.95	0.48	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	497.84	500.63	500.75	499.74	0.33	ppb
Zirconium	90-1	8.88	9.00	9.03	8.97	0.88	ppb
Zirconium	91-1	8.66	8.84	9.00	8.84	1.89	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27140.90	26906.21	27201.71	27082.94	0.58	ppb
Antimony	121-1	1.30	1.27	1.32	1.30	1.93	ppb
Arsenic	75-2	87.22	86.20	86.44	86.62	0.61	ppb
Barium	135-1	299.17	295.28	296.30	296.92	0.68	ppb
Barium	137-1	301.41	301.45	299.46	300.77	0.38	ppb
Beryllium	9-1	1.39	1.39	1.37	1.38	0.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.45	1.50	1.46	2.25	ppb
Cadmium	106-1	1.74	1.58	0.96	1.43	28.80	ppb
Cadmium	111-1	1.13	1.10	1.04	1.09	4.29	ppb
Calcium	43-1	11700.70	11799.99	11855.78	11785.49	0.67	ppb
Calcium	44-1	10874.58	10979.70	10790.54	10881.61	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.99	36.58	36.60	36.72	0.63	ppb
Cobalt	59-2	32.10	32.01	32.22	32.11	0.33	ppb
Copper	63-2	86.19	86.01	86.33	86.18	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				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	74646.08	74104.30	74011.97	74254.11	0.46	ppb
Iron	57-2	73012.54	72967.03	72722.18	72900.59	0.21	ppb
Iron	54-2	73825.12	73414.48	73477.86	73572.48	0.30	ppb
Krypton	83-1						cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.71	60.55	60.56	60.61	0.15	ppb
Lead	207-1	63.10	63.30	63.39	63.26	0.23	ppb
Lead	208-1	61.81	61.29	61.51	61.54	0.42	ppb
Lithium	6-1				91		%
Magnesium	24-2	11183.45	11113.21	11187.69	11161.45	0.37	ppb
Manganese	55-2	1485.47	1473.81	1490.30	1483.19	0.57	ppb
Molybdenum	94-1	11.57	11.35	11.54	11.49	1.05	ppb
Molybdenum	95-1	1.00	1.01	1.00	1.01	0.59	ppb
Molybdenum	96-1	2.51	2.50	2.57	2.53	1.55	ppb
Molybdenum	97-1	1.06	1.00	0.99	1.02	3.96	ppb
Molybdenum	98-1	0.96	1.01	0.99	0.99	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.14	33.68	34.26	34.03	0.91	ppb
Phosphorus	31-2	2011.64	2066.30	2050.28	2042.74	1.38	ppb
Potassium	39-2	7697.24	7782.74	7780.93	7753.64	0.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.71	1.06	1.41	1.06	33.13	ppb
Selenium	77-2	17.17	15.62	15.82	16.20	5.22	ppb
Selenium	78-2	3.60	3.65	3.51	3.59	2.03	ppb
Silicon	28-1	939.90	946.33	942.52	942.92	0.34	ppb
Silver	107-1	0.36	0.37	0.34	0.36	3.31	ppb
Silver	109-1	0.33	0.37	0.33	0.34	6.36	ppb
Sodium	23-2	218.52	219.25	221.19	219.65	0.63	ppb
Strontium	86-1	60.37	60.16	61.34	60.62	1.03	ppb
Strontium	88-1	60.89	60.61	61.00	60.83	0.33	ppb
Sulfur	34-1	-859.31	-1001.99	-998.56	-953.28		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.25	0.25	0.24	6.13	ppb
Thallium	205-1	0.23	0.23	0.24	0.24	3.11	ppb
Tin	118-1	1.73	1.71	1.68	1.71	1.59	ppb
Titanium	47-1	1165.58	1162.28	1142.91	1156.92	1.06	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.91	0.91	0.91	0.24	ppb
Vanadium	51-2	127.05	126.67	127.08	126.94	0.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	320.38	317.06	317.10	318.18	0.60	ppb
Zirconium	90-1	6.35	6.38	6.43	6.39	0.62	ppb
Zirconium	91-1	6.37	6.36	6.64	6.46	2.43	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43407.25	43160.59	42994.65	43187.50	0.48	ppb
Antimony	121-1	0.91	0.89	0.89	0.90	1.25	ppb
Arsenic	75-2	68.33	69.18	68.83	68.78	0.62	ppb
Barium	135-1	361.99	368.08	360.40	363.49	1.11	ppb
Barium	137-1	381.99	387.92	377.69	382.53	1.34	ppb
Beryllium	9-1	1.83	1.90	1.84	1.86	2.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.32	1.55	1.54	14.26	ppb
Cadmium	106-1	2.96	2.85	2.09	2.63	17.91	ppb
Cadmium	111-1	0.85	0.85	0.82	0.84	2.02	ppb
Calcium	43-1	37177.81	38471.99	36883.13	37510.98	2.25	ppb
Calcium	44-1	37874.64	38227.08	37143.36	37748.36	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.92	74.50	75.64	75.35	1.00	ppb
Cobalt	59-2	39.37	38.74	38.74	38.95	0.93	ppb
Copper	63-2	96.82	94.90	96.22	95.98	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				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	83426.52	81745.10	83107.71	82759.78	1.08	ppb
Iron	57-2	81985.90	80866.51	81513.12	81455.18	0.69	ppb
Iron	54-2	82928.42	81754.06	82128.94	82270.47	0.73	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.13	49.46	48.16	48.58	1.57	ppb
Lead	207-1	48.27	49.57	48.79	48.88	1.35	ppb
Lead	208-1	47.93	48.89	48.17	48.33	1.03	ppb
Lithium	6-1				91		%
Magnesium	24-2	17309.91	17018.75	17056.37	17128.34	0.92	ppb
Manganese	55-2	1732.75	1697.39	1730.37	1720.17	1.15	ppb
Molybdenum	94-1	19.33	19.29	18.85	19.16	1.40	ppb
Molybdenum	95-1	0.93	0.99	0.92	0.95	3.72	ppb
Molybdenum	96-1	3.33	3.40	3.21	3.31	2.99	ppb
Molybdenum	97-1	0.92	0.97	0.90	0.93	4.13	ppb
Molybdenum	98-1	0.93	0.94	0.90	0.92	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.68	58.84	59.26	59.26	0.71	ppb
Phosphorus	31-2	2375.84	2368.96	2374.71	2373.17	0.16	ppb
Potassium	39-2	7221.08	7190.87	7198.72	7203.56	0.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.17	0.80	1.46	1.14	29.15	ppb
Selenium	77-2	21.60	24.33	20.78	22.24	8.36	ppb
Selenium	78-2	2.88	4.70	3.76	3.78	23.97	ppb
Silicon	28-1	1077.80	1090.10	1065.85	1077.92	1.12	ppb
Silver	107-1	0.26	0.27	0.28	0.27	2.87	ppb
Silver	109-1	0.26	0.27	0.27	0.26	2.01	ppb
Sodium	23-2	231.01	229.53	231.96	230.83	0.53	ppb
Strontium	86-1	82.61	84.11	81.04	82.59	1.85	ppb
Strontium	88-1	83.05	83.56	79.93	82.18	2.39	ppb
Sulfur	34-1	-779.05	-645.62	-795.11	-739.93		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.25	0.27	0.26	0.26	4.38	ppb
Thallium	205-1	0.25	0.26	0.27	0.26	3.02	ppb
Tin	118-1	1.89	1.88	1.85	1.87	1.14	ppb
Titanium	47-1	987.68	1009.49	990.43	995.87	1.19	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.14	1.12	1.12	2.40	ppb
Vanadium	51-2	142.02	139.86	141.64	141.18	0.82	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	255.64	251.30	252.88	253.27	0.87	ppb
Zirconium	90-1	11.02	11.08	10.75	10.95	1.59	ppb
Zirconium	91-1	11.00	11.13	10.77	10.97	1.65	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25037.52	24953.44	24707.58	24899.51	0.69	ppb
Antimony	121-1	1.34	1.40	1.38	1.37	2.26	ppb
Arsenic	75-2	53.60	54.65	53.29	53.85	1.32	ppb
Barium	135-1	214.60	219.08	220.89	218.19	1.48	ppb
Barium	137-1	216.16	224.24	224.59	221.66	2.15	ppb
Beryllium	9-1	1.33	1.37	1.32	1.34	1.75	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	1.03	1.34	1.09	20.40	ppb
Cadmium	106-1	2.90	2.15	1.86	2.30	23.35	ppb
Cadmium	111-1	0.46	0.40	0.36	0.41	12.09	ppb
Calcium	43-1	32823.45	33603.43	33725.21	33384.03	1.47	ppb
Calcium	44-1	30339.76	30914.36	31111.57	30788.56	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.05	46.03	45.75	45.94	0.36	ppb
Cobalt	59-2	42.88	42.66	42.89	42.81	0.29	ppb
Copper	63-2	74.57	74.51	74.30	74.46	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				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	94067.62	93678.99	94067.19	93937.93	0.24	ppb
Iron	57-2	92532.47	92236.40	92301.10	92356.66	0.17	ppb
Iron	54-2	92891.00	92874.84	92539.70	92768.51	0.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.07	26.95	26.64	26.55	1.67	ppb
Lead	207-1	25.22	25.61	25.38	25.40	0.77	ppb
Lead	208-1	25.27	25.96	25.50	25.58	1.37	ppb
Lithium	6-1				93		%
Magnesium	24-2	11318.23	11430.79	11332.82	11360.61	0.54	ppb
Manganese	55-2	1214.27	1207.83	1203.93	1208.67	0.43	ppb
Molybdenum	94-1	19.19	19.34	19.07	19.20	0.71	ppb
Molybdenum	95-1	1.19	1.21	1.24	1.21	2.08	ppb
Molybdenum	96-1	3.55	3.59	3.59	3.58	0.62	ppb
Molybdenum	97-1	1.21	1.25	1.20	1.22	2.15	ppb
Molybdenum	98-1	1.25	1.23	1.24	1.24	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.81	38.72	38.59	38.71	0.29	ppb
Phosphorus	31-2	2132.52	2153.86	2142.71	2143.03	0.50	ppb
Potassium	39-2	4157.08	4232.91	4207.48	4199.15	0.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.31	1.06	0.67	1.02	31.87	ppb
Selenium	77-2	14.26	15.16	13.75	14.39	4.96	ppb
Selenium	78-2	2.84	3.84	2.74	3.14	19.51	ppb
Silicon	28-1	862.67	886.78	886.85	878.77	1.59	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.95	ppb
Silver	109-1	0.05	0.05	0.05	0.05	0.49	ppb
Sodium	23-2	215.79	213.76	214.82	214.79	0.47	ppb
Strontium	86-1	67.55	67.93	68.46	67.98	0.67	ppb
Strontium	88-1	67.46	67.14	67.44	67.35	0.26	ppb
Sulfur	34-1	-801.81	-758.85	-773.58	-778.08		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.34	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	2.86	ppb
Tin	118-1	2.08	2.16	2.19	2.14	2.82	ppb
Titanium	47-1	1555.15	1596.85	1583.21	1578.40	1.35	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.89	0.88	0.83	ppb
Vanadium	51-2	194.82	195.43	195.95	195.40	0.29	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	146.49	146.36	146.87	146.57	0.18	ppb
Zirconium	90-1	10.78	10.82	10.90	10.83	0.56	ppb
Zirconium	91-1	10.79	10.80	10.82	10.81	0.16	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32729.75	32571.72	32835.37	32712.28	0.41	ppb
Antimony	121-1	1.30	1.32	1.38	1.34	3.08	ppb
Arsenic	75-2	64.50	65.46	62.88	64.28	2.03	ppb
Barium	135-1	263.33	273.56	271.48	269.46	2.01	ppb
Barium	137-1	265.62	274.07	275.64	271.78	1.98	ppb
Beryllium	9-1	1.59	1.58	1.56	1.58	1.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.28	1.33	1.35	5.25	ppb
Cadmium	106-1	2.97	2.14	2.17	2.43	19.45	ppb
Cadmium	111-1	0.75	0.68	0.65	0.69	7.15	ppb
Calcium	43-1	33218.42	33328.42	33653.15	33400.00	0.68	ppb
Calcium	44-1	30782.96	31015.71	30737.71	30845.46	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.59	57.95	58.37	58.30	0.56	ppb
Cobalt	59-2	40.29	40.13	40.53	40.32	0.50	ppb
Copper	63-2	80.95	80.85	81.23	81.01	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				108		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	92412.13	92107.84	92119.52	92213.16	0.19	ppb
Iron	57-2	90701.01	90321.53	90739.06	90587.20	0.25	ppb
Iron	54-2	91176.92	90376.14	90322.99	90625.35	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.23	45.08	44.89	44.73	1.00	ppb
Lead	207-1	44.58	44.95	44.49	44.67	0.54	ppb
Lead	208-1	43.79	44.64	44.01	44.15	1.00	ppb
Lithium	6-1				93		%
Magnesium	24-2	13360.66	13512.72	13510.28	13461.22	0.65	ppb
Manganese	55-2	1430.10	1431.43	1438.74	1433.42	0.32	ppb
Molybdenum	94-1	17.29	17.55	17.59	17.48	0.91	ppb
Molybdenum	95-1	1.10	1.07	1.10	1.09	1.85	ppb
Molybdenum	96-1	3.30	3.32	3.30	3.31	0.29	ppb
Molybdenum	97-1	1.05	1.05	1.04	1.05	0.46	ppb
Molybdenum	98-1	1.05	1.07	1.09	1.07	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.44	46.85	46.70	47.00	0.83	ppb
Phosphorus	31-2	2319.92	2318.04	2312.13	2316.70	0.18	ppb
Potassium	39-2	6095.12	6053.46	6091.53	6080.03	0.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.17	0.74	0.98	0.96	22.47	ppb
Selenium	77-2	20.34	18.82	16.99	18.72	8.96	ppb
Selenium	78-2	3.31	3.01	3.61	3.31	9.10	ppb
Silicon	28-1	1047.55	1043.44	1052.34	1047.78	0.42	ppb
Silver	107-1	0.17	0.17	0.18	0.17	1.74	ppb
Silver	109-1	0.17	0.19	0.18	0.18	3.73	ppb
Sodium	23-2	208.79	208.02	211.25	209.35	0.81	ppb
Strontium	86-1	63.92	65.34	65.64	64.96	1.42	ppb
Strontium	88-1	65.14	65.80	65.88	65.60	0.62	ppb
Sulfur	34-1	-263.49	-374.79	-428.70	-355.66		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.23	0.22	0.22	2.98	ppb
Thallium	205-1	0.21	0.22	0.21	0.21	3.69	ppb
Tin	118-1	1.53	1.59	1.59	1.57	2.28	ppb
Titanium	47-1	1250.16	1248.69	1252.99	1250.62	0.17	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.93	0.94	0.93	1.09	ppb
Vanadium	51-2	187.68	187.37	188.35	187.80	0.27	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	221.20	222.42	221.79	221.80	0.28	ppb
Zirconium	90-1	9.76	10.00	10.01	9.92	1.44	ppb
Zirconium	91-1	9.74	10.14	10.07	9.98	2.12	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35797.64	36392.27	36101.80	36097.24	0.82	ppb
Antimony	121-1	0.73	0.76	0.79	0.76	3.70	ppb
Arsenic	75-2	60.73	58.37	59.20	59.43	2.01	ppb
Barium	135-1	313.91	321.24	316.83	317.33	1.16	ppb
Barium	137-1	328.84	334.91	329.61	331.12	1.00	ppb
Beryllium	9-1	1.61	1.57	1.56	1.58	1.65	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.52	1.42	1.52	1.49	4.01	ppb
Cadmium	106-1	3.27	1.99	2.31	2.52	26.47	ppb
Cadmium	111-1	0.93	0.75	0.79	0.82	11.35	ppb
Calcium	43-1	14117.28	14268.06	14313.48	14232.94	0.72	ppb
Calcium	44-1	13090.26	13279.53	13002.48	13124.09	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.68	47.76	47.48	47.64	0.30	ppb
Cobalt	59-2	34.79	34.54	33.96	34.43	1.25	ppb
Copper	63-2	85.52	85.91	84.98	85.47	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	73054.86	72837.84	73445.87	73112.86	0.42	ppb
Iron	57-2	71749.33	72727.16	72471.86	72316.11	0.70	ppb
Iron	54-2	72834.43	71999.25	72412.24	72415.31	0.58	ppb
Krypton	83-1						cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.97	43.77	44.37	43.70	1.61	ppb
Lead	207-1	43.23	44.86	45.12	44.40	2.31	ppb
Lead	208-1	42.83	43.81	44.35	43.66	1.77	ppb
Lithium	6-1				94		%
Magnesium	24-2	13411.20	13678.03	13475.60	13521.61	1.03	ppb
Manganese	55-2	1568.21	1569.87	1576.93	1571.67	0.29	ppb
Molybdenum	94-1	16.24	16.07	16.27	16.19	0.66	ppb
Molybdenum	95-1	0.85	0.81	0.82	0.83	2.70	ppb
Molybdenum	96-1	2.86	2.85	2.87	2.86	0.40	ppb
Molybdenum	97-1	0.83	0.84	0.82	0.83	0.94	ppb
Molybdenum	98-1	0.82	0.84	0.87	0.84	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.82	42.66	42.90	42.79	0.29	ppb
Phosphorus	31-2	1721.58	1728.12	1716.66	1722.12	0.33	ppb
Potassium	39-2	8080.43	8178.74	8084.56	8114.58	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.73	0.94	0.35	0.67	44.68	ppb
Selenium	77-2	19.08	16.00	16.33	17.13	9.86	ppb
Selenium	78-2	3.80	2.91	4.18	3.63	18.00	ppb
Silicon	28-1	1079.75	1092.22	1060.41	1077.46	1.49	ppb
Silver	107-1	0.24	0.26	0.24	0.25	4.41	ppb
Silver	109-1	0.25	0.23	0.25	0.24	3.72	ppb
Sodium	23-2	208.68	211.05	211.76	210.50	0.77	ppb
Strontium	86-1	65.76	66.37	65.61	65.91	0.62	ppb
Strontium	88-1	65.63	66.22	66.12	65.99	0.48	ppb
Sulfur	34-1	-968.34	-1178.08	-1314.80	-1153.74		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.25	0.26	0.25	1.71	ppb
Thallium	205-1	0.25	0.26	0.28	0.26	5.58	ppb
Tin	118-1	2.38	2.40	2.38	2.39	0.55	ppb
Titanium	47-1	1205.99	1233.40	1219.13	1219.51	1.12	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.05	1.06	1.05	1.35	ppb
Vanadium	51-2	120.36	121.39	120.50	120.75	0.46	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	244.13	242.63	240.34	242.37	0.79	ppb
Zirconium	90-1	9.19	9.26	9.39	9.28	1.10	ppb
Zirconium	91-1	9.12	9.34	9.23	9.23	1.23	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48265.44	48117.21	47838.35	48073.67	0.45	ppb
Antimony	121-1	473.40	482.36	480.53	478.76	0.99	ppb
Arsenic	75-2	458.81	464.34	472.17	465.11	1.44	ppb
Barium	135-1	2420.98	2410.12	2445.09	2425.40	0.74	ppb
Barium	137-1	2432.66	2463.12	2447.60	2447.80	0.62	ppb
Beryllium	9-1	527.19	539.03	520.65	528.95	1.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.33	498.96	494.86	497.05	0.42	ppb
Cadmium	106-1	488.55	495.16	498.96	494.23	1.07	ppb
Cadmium	111-1	490.76	495.70	497.82	494.76	0.73	ppb
Calcium	43-1	243695.80	248254.56	247063.54	246337.97	0.96	ppb
Calcium	44-1	241464.31	244438.25	245243.50	243715.35	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.14	495.16	504.40	499.57	0.93	ppb
Cobalt	59-2	534.66	540.99	547.13	540.93	1.15	ppb
Copper	63-2	5206.50	5235.34	5267.13	5236.32	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				104		%
Holmium	165-2				105		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	126724.86	127869.10	127966.33	127520.10	0.54	ppb
Iron	57-2	125262.66	126406.01	126370.37	126013.01	0.52	ppb
Iron	54-2	125365.84	125862.26	126890.98	126039.70	0.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2547.57	2522.80	2495.02	2521.80	1.04	ppb
Lead	207-1	2547.39	2538.50	2529.01	2538.30	0.36	ppb
Lead	208-1	2539.76	2522.59	2523.82	2528.73	0.38	ppb
Lithium	6-1				89		%
Magnesium	24-2	240888.68	242497.53	243355.84	242247.35	0.52	ppb
Manganese	55-2	4984.28	4953.56	4966.62	4968.15	0.31	ppb
Molybdenum	94-1	4912.96	4985.91	5065.67	4988.18	1.53	ppb
Molybdenum	95-1	4929.38	5018.65	5033.96	4994.00	1.13	ppb
Molybdenum	96-1	4942.94	4993.26	5043.34	4993.18	1.01	ppb
Molybdenum	97-1	4920.12	4998.18	5082.50	5000.27	1.62	ppb
Molybdenum	98-1	4942.23	5021.33	5065.80	5009.79	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.61	519.99	524.27	521.96	0.41	ppb
Phosphorus	31-2	9708.36	9740.73	9595.10	9681.40	0.79	ppb
Potassium	39-2	116163.88	117411.11	117911.80	117162.26	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	457.93	463.19	469.60	463.57	1.26	ppb
Selenium	77-2	464.60	455.19	456.34	458.71	1.12	ppb
Selenium	78-2	451.72	461.70	463.88	459.10	1.41	ppb
Silicon	28-1	649.02	658.73	663.99	657.25	1.16	ppb
Silver	107-1	460.60	464.40	466.87	463.96	0.68	ppb
Silver	109-1	460.89	458.57	465.86	461.78	0.81	ppb
Sodium	23-2	241779.55	244278.27	244150.92	243402.91	0.58	ppb
Strontium	86-1	12138.02	12206.19	12468.64	12270.95	1.42	ppb
Strontium	88-1	12203.74	12287.21	12525.30	12338.75	1.35	ppb
Sulfur	34-1	9440.72	9682.39	9550.01	9557.71	1.27	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	507.45	514.11	508.29	509.95	0.71	ppb
Thallium	205-1	508.96	512.25	496.11	505.78	1.69	ppb
Tin	118-1	475.40	479.60	477.89	477.63	0.44	ppb
Titanium	47-1	4868.17	4946.10	4984.19	4932.82	1.20	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.20	519.30	516.17	518.89	0.49	ppb
Vanadium	51-2	499.87	503.45	507.28	503.53	0.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5090.07	5165.33	5236.54	5163.98	1.42	ppb
Zirconium	90-1	494.25	501.76	504.89	500.30	1.09	ppb
Zirconium	91-1	494.26	500.59	502.63	499.16	0.87	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.99	-1.98	-1.46	-1.81		ppb
Antimony	121-1	0.18	0.21	0.26	0.22	16.47	ppb
Arsenic	75-2	0.02	-0.01	0.01	0.01	192.02	ppb
Barium	135-1	0.02	0.02	0.01	0.02	50.69	ppb
Barium	137-1	0.03	0.05	0.04	0.04	26.75	ppb
Beryllium	9-1	0.02	0.06	0.01	0.03	82.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.13	0.00	0.03	285.63	ppb
Cadmium	106-1	-0.56	-0.59	-0.37	-0.50		ppb
Cadmium	111-1	-0.02	-0.04	-0.01	-0.02		ppb
Calcium	43-1	-2.33	11.67	1.04	3.46	211.26	ppb
Calcium	44-1	-6.22	2.29	-6.25	-3.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.06	-0.03	-0.05		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	65.15	ppb
Copper	63-2	0.10	0.12	0.13	0.12	12.10	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				107		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	1.71	2.06	2.40	2.06	16.72	ppb
Iron	57-2	-0.65	-0.24	0.77	-0.04		ppb
Iron	54-2	0.16	0.68	0.68	0.51	58.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.37	0.12	0.20	72.30	ppb
Lead	207-1	0.15	0.48	0.13	0.25	77.40	ppb
Lead	208-1	0.13	0.44	0.12	0.23	79.29	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.63	4.87	5.89	5.13	13.01	ppb
Manganese	55-2	-0.08	-0.07	-0.04	-0.07		ppb
Molybdenum	94-1	0.32	0.33	0.34	0.33	3.72	ppb
Molybdenum	95-1	0.12	0.15	0.14	0.14	10.87	ppb
Molybdenum	96-1	0.14	0.17	0.15	0.15	10.89	ppb
Molybdenum	97-1	0.13	0.13	0.14	0.13	7.00	ppb
Molybdenum	98-1	0.13	0.14	0.15	0.14	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.07	-0.05		ppb
Phosphorus	31-2	-20.19	-17.38	-21.13	-19.57		ppb
Potassium	39-2	-0.10	-0.30	0.13	-0.09		ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.15	0.08	0.18	0.14	34.92	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-0.60	0.32	-0.16		ppb
Silicon	28-1	-1.36	-1.33	-1.28	-1.32		ppb
Silver	107-1	0.03	0.02	0.03	0.03	10.26	ppb
Silver	109-1	0.02	0.02	0.03	0.03	15.09	ppb
Sodium	23-2	25.08	24.02	25.48	24.86	3.04	ppb
Strontium	86-1	0.14	0.24	0.15	0.17	30.46	ppb
Strontium	88-1	0.16	0.19	0.16	0.17	10.48	ppb
Sulfur	34-1	-265.37	-242.40	-227.35	-245.04		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.11	0.01	0.05	126.77	ppb
Thallium	205-1	0.03	0.10	0.01	0.05	103.84	ppb
Tin	118-1	0.02	0.00	0.03	0.02	87.67	ppb
Titanium	47-1	0.08	0.28	0.07	0.14	80.70	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.04	0.00	0.02	140.45	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	22.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.67	-0.45	-0.49	-0.54		ppb
Zirconium	90-1	0.13	0.12	0.12	0.12	0.78	ppb
Zirconium	91-1	0.11	0.13	0.11	0.12	6.95	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41120.79	40984.87	41214.88	41106.85	0.28	ppb
Antimony	121-1	1.04	1.06	1.08	1.06	1.99	ppb
Arsenic	75-2	79.11	78.87	78.51	78.83	0.38	ppb
Barium	135-1	364.87	374.05	374.27	371.06	1.45	ppb
Barium	137-1	378.67	390.56	390.43	386.55	1.77	ppb
Beryllium	9-1	1.79	1.95	1.97	1.90	5.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.72	2.17	1.82	17.56	ppb
Cadmium	106-1	4.09	3.74	3.55	3.79	7.28	ppb
Cadmium	111-1	1.16	1.11	1.12	1.13	2.46	ppb
Calcium	43-1	14745.30	14851.01	14795.05	14797.12	0.36	ppb
Calcium	44-1	13756.23	13796.33	13557.41	13703.32	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.50	51.32	51.48	51.43	0.20	ppb
Cobalt	59-2	38.29	38.10	38.05	38.15	0.33	ppb
Copper	63-2	100.58	100.43	100.96	100.66	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	82646.17	83120.85	83601.87	83122.96	0.57	ppb
Iron	57-2	81572.66	81263.91	81449.16	81428.58	0.19	ppb
Iron	54-2	81967.77	82509.13	82903.37	82460.09	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.52	59.56	59.34	59.14	0.93	ppb
Lead	207-1	60.17	61.08	61.09	60.78	0.87	ppb
Lead	208-1	59.28	59.85	60.09	59.74	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	14702.60	14448.42	14557.21	14569.41	0.88	ppb
Manganese	55-2	1854.64	1871.91	1894.88	1873.81	1.08	ppb
Molybdenum	94-1	19.21	20.00	19.89	19.70	2.16	ppb
Molybdenum	95-1	0.97	1.00	1.04	1.00	3.35	ppb
Molybdenum	96-1	3.33	3.45	3.49	3.42	2.41	ppb
Molybdenum	97-1	1.03	0.99	1.05	1.03	3.06	ppb
Molybdenum	98-1	0.96	1.01	1.00	0.99	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.98	46.48	47.04	46.83	0.65	ppb
Phosphorus	31-2	1875.14	1843.21	1873.84	1864.06	0.97	ppb
Potassium	39-2	9672.15	9590.61	9613.13	9625.30	0.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	0.99	1.19	1.19	1.12	10.46	ppb
Selenium	77-2	19.73	20.65	18.48	19.62	5.55	ppb
Selenium	78-2	3.52	4.16	4.09	3.93	8.94	ppb
Silicon	28-1	1055.61	1049.83	1057.44	1054.29	0.38	ppb
Silver	107-1	0.43	0.40	0.39	0.41	4.60	ppb
Silver	109-1	0.39	0.38	0.36	0.38	3.54	ppb
Sodium	23-2	235.79	237.20	236.73	236.57	0.30	ppb
Strontium	86-1	75.61	77.99	77.49	77.03	1.63	ppb
Strontium	88-1	75.99	78.08	77.40	77.16	1.39	ppb
Sulfur	34-1	-465.91	-811.06	-971.90	-749.62		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.39	0.40	0.40	0.40	1.24	ppb
Thallium	205-1	0.39	0.39	0.38	0.39	0.67	ppb
Tin	118-1	1.94	2.04	2.04	2.01	2.82	ppb
Titanium	47-1	1400.54	1404.96	1411.14	1405.55	0.38	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.31	1.30	1.30	1.25	ppb
Vanadium	51-2	132.41	132.60	132.82	132.61	0.16	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	307.36	304.41	304.62	305.46	0.54	ppb
Zirconium	90-1	11.02	11.26	11.35	11.21	1.52	ppb
Zirconium	91-1	10.98	11.47	11.37	11.27	2.33	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30482.47	30679.35	30629.37	30597.06	0.33	ppb
Antimony	121-1	0.90	0.87	0.87	0.88	2.03	ppb
Arsenic	75-2	45.55	47.47	46.66	46.56	2.07	ppb
Barium	135-1	268.28	269.49	267.09	268.29	0.45	ppb
Barium	137-1	271.65	274.62	270.60	272.29	0.77	ppb
Beryllium	9-1	1.47	1.51	1.35	1.44	5.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	0.99	1.20	1.12	10.58	ppb
Cadmium	106-1	3.04	2.59	2.62	2.75	9.11	ppb
Cadmium	111-1	0.58	0.59	0.55	0.57	3.83	ppb
Calcium	43-1	40758.13	41315.94	40505.66	40859.91	1.01	ppb
Calcium	44-1	40721.33	41352.86	40926.45	41000.21	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.07	54.45	54.42	54.31	0.39	ppb
Cobalt	59-2	33.39	33.86	33.80	33.68	0.75	ppb
Copper	63-2	68.95	69.48	70.40	69.61	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	75124.62	75428.43	76500.15	75684.40	0.95	ppb
Iron	57-2	73678.04	75169.63	76379.22	75075.63	1.80	ppb
Iron	54-2	74294.95	75326.81	76046.30	75222.69	1.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.54	29.69	29.24	29.49	0.76	ppb
Lead	207-1	28.27	28.86	28.22	28.45	1.25	ppb
Lead	208-1	28.63	29.02	28.45	28.70	1.01	ppb
Lithium	6-1				93		%
Magnesium	24-2	13397.14	13480.22	13626.25	13501.20	0.86	ppb
Manganese	55-2	1399.24	1409.00	1415.26	1407.83	0.57	ppb
Molybdenum	94-1	13.93	14.17	14.06	14.05	0.85	ppb
Molybdenum	95-1	0.98	1.00	1.01	0.99	1.86	ppb
Molybdenum	96-1	2.79	2.76	2.77	2.77	0.56	ppb
Molybdenum	97-1	0.95	0.98	0.96	0.97	1.61	ppb
Molybdenum	98-1	0.97	0.95	0.98	0.97	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.64	45.46	45.88	45.32	1.39	ppb
Phosphorus	31-2	2823.90	2828.93	2835.79	2829.54	0.21	ppb
Potassium	39-2	7245.13	7262.46	7377.19	7294.92	0.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	1.22	0.70	1.25	1.06	28.93	ppb
Selenium	77-2	14.73	14.37	15.95	15.02	5.52	ppb
Selenium	78-2	2.19	3.40	2.52	2.70	23.14	ppb
Silicon	28-1	1009.37	1017.32	1012.12	1012.94	0.40	ppb
Silver	107-1	0.18	0.17	0.18	0.18	2.55	ppb
Silver	109-1	0.18	0.16	0.17	0.17	4.37	ppb
Sodium	23-2	238.98	242.09	249.49	243.52	2.22	ppb
Strontium	86-1	68.59	68.92	69.09	68.86	0.37	ppb
Strontium	88-1	69.32	69.35	69.88	69.52	0.45	ppb
Sulfur	34-1	-690.94	-660.14	-613.79	-654.96		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.23	0.20	0.22	7.49	ppb
Thallium	205-1	0.22	0.23	0.23	0.23	1.25	ppb
Tin	118-1	1.94	1.99	1.99	1.97	1.38	ppb
Titanium	47-1	1181.07	1189.97	1180.39	1183.81	0.45	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.88	0.88	0.92	ppb
Vanadium	51-2	135.05	135.55	136.41	135.67	0.51	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	174.89	173.98	177.61	175.49	1.08	ppb
Zirconium	90-1	7.93	8.02	8.05	8.00	0.81	ppb
Zirconium	91-1	7.84	8.06	8.10	8.00	1.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16894.16	17043.39	16835.25	16924.27	0.63	ppb
Antimony	121-1	0.58	0.62	0.64	0.61	4.66	ppb
Arsenic	75-2	51.46	50.77	50.00	50.74	1.44	ppb
Barium	135-1	53.52	55.18	55.28	54.66	1.81	ppb
Barium	137-1	54.08	56.07	55.63	55.26	1.89	ppb
Beryllium	9-1	0.25	0.28	0.30	0.28	7.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.82	1.49	1.38	1.56	14.68	ppb
Cadmium	106-1	1.87	1.98	1.45	1.77	15.81	ppb
Cadmium	111-1	0.89	0.91	0.89	0.90	1.70	ppb
Calcium	43-1	3221.52	3277.06	3252.12	3250.23	0.86	ppb
Calcium	44-1	2934.77	2993.31	2999.44	2975.84	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.21	56.92	56.71	56.95	0.44	ppb
Cobalt	59-2	34.69	35.08	35.05	34.94	0.62	ppb
Copper	63-2	161.04	160.11	160.02	160.39	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				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	41787.45	41307.81	41559.47	41551.57	0.58	ppb
Iron	57-2	40479.25	41181.57	40694.44	40785.09	0.88	ppb
Iron	54-2	41282.43	41260.37	40982.32	41175.04	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.46	35.60	35.63	35.56	0.26	ppb
Lead	207-1	35.07	35.64	35.92	35.54	1.22	ppb
Lead	208-1	35.14	35.21	35.60	35.32	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	10390.30	10379.34	10380.30	10383.32	0.06	ppb
Manganese	55-2	835.99	832.18	826.37	831.51	0.58	ppb
Molybdenum	94-1	4.07	4.05	4.10	4.07	0.65	ppb
Molybdenum	95-1	0.26	0.29	0.28	0.27	5.11	ppb
Molybdenum	96-1	0.95	0.97	0.93	0.95	2.05	ppb
Molybdenum	97-1	0.26	0.28	0.29	0.27	6.24	ppb
Molybdenum	98-1	0.27	0.30	0.29	0.29	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.91	42.31	42.04	42.09	0.49	ppb
Phosphorus	31-2	418.71	409.17	418.55	415.48	1.31	ppb
Potassium	39-2	1727.16	1724.30	1729.25	1726.91	0.14	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.60	0.70	0.30	0.53	39.18	ppb
Selenium	77-2	2.79	2.75	3.26	2.94	9.66	ppb
Selenium	78-2	0.46	1.04	-0.16	0.44	135.12	ppb
Silicon	28-1	227.61	231.40	231.95	230.32	1.03	ppb
Silver	107-1	0.22	0.22	0.23	0.22	3.76	ppb
Silver	109-1	0.22	0.22	0.22	0.22	1.65	ppb
Sodium	23-2	88.04	86.96	86.15	87.05	1.09	ppb
Strontium	86-1	16.19	16.47	16.17	16.28	1.01	ppb
Strontium	88-1	16.39	16.57	16.36	16.44	0.69	ppb
Sulfur	34-1	-1092.67	-1161.65	-1307.63	-1187.32		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.04	0.04	13.02	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.15	ppb
Tin	118-1	0.71	0.72	0.72	0.72	0.75	ppb
Titanium	47-1	521.02	530.21	525.95	525.72	0.87	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.17	0.16	4.55	ppb
Vanadium	51-2	95.65	95.24	95.42	95.44	0.22	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	116.18	115.53	115.58	115.76	0.31	ppb
Zirconium	90-1	2.24	2.34	2.27	2.28	2.20	ppb
Zirconium	91-1	2.29	2.33	2.33	2.32	0.97	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17047.82	17114.77	17116.84	17093.14	0.23	ppb
Antimony	121-1	0.60	0.63	0.64	0.62	3.56	ppb
Arsenic	75-2	52.08	50.92	49.97	50.99	2.08	ppb
Barium	135-1	54.86	55.29	55.31	55.15	0.46	ppb
Barium	137-1	56.05	56.38	55.90	56.11	0.44	ppb
Beryllium	9-1	0.29	0.29	0.26	0.28	7.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.47	1.64	1.57	5.77	ppb
Cadmium	106-1	2.84	1.92	1.62	2.13	29.77	ppb
Cadmium	111-1	0.97	0.93	0.89	0.93	4.17	ppb
Calcium	43-1	3212.66	3326.53	3277.85	3272.35	1.75	ppb
Calcium	44-1	2984.16	2996.56	3022.69	3001.14	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.31	57.55	57.48	57.45	0.22	ppb
Cobalt	59-2	35.06	35.25	35.54	35.29	0.69	ppb
Copper	63-2	162.99	162.27	162.44	162.57	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				109		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	42239.42	42083.54	42261.56	42194.84	0.23	ppb
Iron	57-2	41275.55	40940.99	41555.99	41257.51	0.75	ppb
Iron	54-2	41713.82	41428.08	41827.32	41656.41	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.52	35.70	36.60	35.94	1.60	ppb
Lead	207-1	36.27	36.03	36.76	36.35	1.03	ppb
Lead	208-1	35.72	35.82	36.20	35.91	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	10509.65	10485.22	10517.86	10504.24	0.16	ppb
Manganese	55-2	841.51	833.91	851.31	842.24	1.04	ppb
Molybdenum	94-1	4.07	4.09	4.15	4.10	1.08	ppb
Molybdenum	95-1	0.30	0.29	0.28	0.29	3.88	ppb
Molybdenum	96-1	0.94	0.90	0.95	0.93	2.70	ppb
Molybdenum	97-1	0.30	0.27	0.30	0.29	5.93	ppb
Molybdenum	98-1	0.26	0.27	0.28	0.27	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.96	42.88	43.14	42.99	0.31	ppb
Phosphorus	31-2	433.14	417.09	425.79	425.34	1.89	ppb
Potassium	39-2	1746.96	1742.58	1747.57	1745.70	0.16	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.71	0.30	0.42	0.48	43.91	ppb
Selenium	77-2	2.28	2.45	2.27	2.33	4.22	ppb
Selenium	78-2	1.49	0.46	0.31	0.75	85.12	ppb
Silicon	28-1	228.76	233.41	235.01	232.39	1.40	ppb
Silver	107-1	0.21	0.22	0.23	0.22	4.46	ppb
Silver	109-1	0.23	0.23	0.23	0.23	0.55	ppb
Sodium	23-2	77.32	79.30	80.39	79.00	1.97	ppb
Strontium	86-1	16.63	16.69	16.80	16.71	0.52	ppb
Strontium	88-1	16.82	16.60	16.68	16.70	0.68	ppb
Sulfur	34-1	-1227.81	-1233.85	-1268.97	-1243.54		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.03	0.03	19.39	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	16.06	ppb
Tin	118-1	0.73	0.74	0.80	0.76	4.95	ppb
Titanium	47-1	520.72	531.85	531.16	527.91	1.18	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	0.59	ppb
Vanadium	51-2	96.41	96.92	96.16	96.50	0.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	114.20	114.78	115.12	114.70	0.41	ppb
Zirconium	90-1	2.27	2.23	2.29	2.26	1.39	ppb
Zirconium	91-1	2.28	2.16	2.33	2.26	3.87	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3831.06	3779.40	3794.13	3801.53	0.70	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	3.16	ppb
Arsenic	75-2	10.74	10.52	11.08	10.78	2.61	ppb
Barium	135-1	11.20	11.19	12.02	11.47	4.14	ppb
Barium	137-1	11.57	11.44	11.87	11.63	1.87	ppb
Beryllium	9-1	0.07	0.04	0.05	0.05	22.52	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.33	0.28	0.34	17.21	ppb
Cadmium	106-1	0.97	1.03	-0.06	0.65	95.02	ppb
Cadmium	111-1	0.22	0.23	0.17	0.21	16.95	ppb
Calcium	43-1	685.90	696.18	701.98	694.69	1.17	ppb
Calcium	44-1	677.04	690.78	691.06	686.29	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.28	12.23	12.15	12.22	0.55	ppb
Cobalt	59-2	7.56	7.42	7.47	7.48	0.99	ppb
Copper	63-2	34.54	34.28	34.19	34.33	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				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	8982.92	8887.08	8920.44	8930.15	0.54	ppb
Iron	57-2	9462.62	9374.70	9418.58	9418.63	0.47	ppb
Iron	54-2	9040.52	9047.14	9103.15	9063.60	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.71	7.45	7.50	7.55	1.85	ppb
Lead	207-1	7.79	7.67	7.49	7.65	1.97	ppb
Lead	208-1	7.67	7.58	7.47	7.57	1.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	2383.62	2349.22	2362.24	2365.03	0.73	ppb
Manganese	55-2	185.03	185.48	185.45	185.32	0.14	ppb
Molybdenum	94-1	0.83	0.82	0.88	0.84	3.92	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	9.16	ppb
Molybdenum	96-1	0.20	0.23	0.19	0.21	8.30	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	4.97	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	10.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.02	9.28	9.01	9.10	1.65	ppb
Phosphorus	31-2	83.02	79.65	66.93	76.53	11.09	ppb
Potassium	39-2	371.28	369.18	369.42	369.96	0.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.23	0.28	0.19	0.24	18.67	ppb
Selenium	77-2	0.00	0.90	0.36	0.42	107.63	ppb
Selenium	78-2	1.34	0.70	0.03	0.69	94.29	ppb
Silicon	28-1	50.37	49.78	51.11	50.42	1.32	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.07	ppb
Silver	109-1	0.05	0.05	0.05	0.05	1.77	ppb
Sodium	23-2	35.92	36.11	33.92	35.32	3.44	ppb
Strontium	86-1	3.50	3.45	3.39	3.45	1.57	ppb
Strontium	88-1	3.54	3.53	3.49	3.52	0.69	ppb
Sulfur	34-1	-992.17	-1050.20	-1153.13	-1065.17		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.12	0.13	0.11	0.12	10.03	ppb
Titanium	47-1	111.79	112.82	111.78	112.13	0.53	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	10.78	ppb
Vanadium	51-2	20.52	20.48	20.58	20.53	0.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	24.22	23.91	24.50	24.21	1.21	ppb
Zirconium	90-1	0.48	0.49	0.48	0.48	1.25	ppb
Zirconium	91-1	0.45	0.47	0.48	0.47	3.98	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17212.30	17097.69	17446.26	17252.08	1.03	ppb
Antimony	121-1	15.01	15.14	15.65	15.26	2.23	ppb
Arsenic	75-2	56.70	55.96	56.20	56.29	0.67	ppb
Barium	135-1	351.66	351.32	360.77	354.58	1.51	ppb
Barium	137-1	367.41	369.85	379.50	372.25	1.72	ppb
Beryllium	9-1	8.77	9.10	9.43	9.10	3.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.43	8.34	8.31	8.36	0.76	ppb
Cadmium	106-1	8.89	7.88	8.12	8.30	6.38	ppb
Cadmium	111-1	8.27	8.25	8.39	8.31	0.86	ppb
Calcium	43-1	3204.45	3246.44	3231.80	3227.56	0.66	ppb
Calcium	44-1	2951.67	3008.98	3031.04	2997.23	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.38	90.09	91.39	90.62	0.75	ppb
Cobalt	59-2	117.06	117.67	117.67	117.47	0.30	ppb
Copper	63-2	198.29	197.95	199.30	198.51	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				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	41472.39	41390.31	41640.12	41500.94	0.31	ppb
Iron	57-2	41049.44	40692.13	40931.02	40890.87	0.45	ppb
Iron	54-2	41106.94	41351.23	41397.74	41285.30	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.09	38.00	38.27	38.12	0.36	ppb
Lead	207-1	37.63	38.10	37.98	37.90	0.63	ppb
Lead	208-1	37.79	37.72	37.76	37.76	0.10	ppb
Lithium	6-1				93		%
Magnesium	24-2	10352.17	10289.53	10531.17	10390.96	1.21	ppb
Manganese	55-2	905.85	907.38	904.08	905.77	0.18	ppb
Molybdenum	94-1	3.89	4.02	4.08	4.00	2.48	ppb
Molybdenum	95-1	0.28	0.31	0.27	0.29	6.89	ppb
Molybdenum	96-1	0.89	0.92	0.91	0.91	1.72	ppb
Molybdenum	97-1	0.27	0.29	0.27	0.28	3.52	ppb
Molybdenum	98-1	0.26	0.29	0.29	0.28	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.93	123.40	124.52	123.95	0.45	ppb
Phosphorus	31-2	415.31	423.19	423.45	420.65	1.10	ppb
Potassium	39-2	1710.94	1715.47	1729.59	1718.66	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	18.77	20.77	19.81	19.78	5.04	ppb
Selenium	77-2	17.55	20.14	17.48	18.39	8.25	ppb
Selenium	78-2	21.31	16.37	19.69	19.12	13.17	ppb
Silicon	28-1	200.45	204.83	209.18	204.82	2.13	ppb
Silver	107-1	6.99	7.16	7.33	7.16	2.38	ppb
Silver	109-1	7.04	7.03	7.30	7.13	2.12	ppb
Sodium	23-2	69.36	70.18	72.07	70.54	1.97	ppb
Strontium	86-1	16.10	16.79	16.51	16.47	2.12	ppb
Strontium	88-1	16.12	16.68	16.55	16.45	1.79	ppb
Sulfur	34-1	-1076.59	-1161.36	-1169.50	-1135.82		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	6.56	6.70	6.49	6.58	1.61	ppb
Thallium	205-1	6.58	6.69	6.61	6.63	0.87	ppb
Tin	118-1	0.72	0.73	0.73	0.72	0.97	ppb
Titanium	47-1	515.37	530.24	526.02	523.88	1.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.16	0.17	3.66	ppb
Vanadium	51-2	175.93	175.93	177.84	176.56	0.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	195.66	194.66	195.56	195.29	0.28	ppb
Zirconium	90-1	2.17	2.26	2.22	2.22	2.06	ppb
Zirconium	91-1	2.18	2.18	2.23	2.20	1.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17415.91	17323.95	17339.34	17359.73	0.28	ppb
Antimony	121-1	64.53	64.86	64.26	64.55	0.47	ppb
Arsenic	75-2	75.86	74.51	74.16	74.85	1.20	ppb
Barium	135-1	1404.46	1418.11	1404.23	1408.94	0.56	ppb
Barium	137-1	1413.61	1430.73	1408.20	1417.51	0.83	ppb
Beryllium	9-1	36.67	37.46	38.07	37.40	1.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.98	33.31	31.73	32.01	3.71	ppb
Cadmium	106-1	30.94	32.76	31.06	31.59	3.22	ppb
Cadmium	111-1	35.15	35.77	34.95	35.29	1.21	ppb
Calcium	43-1	3083.83	3093.64	3126.29	3101.25	0.72	ppb
Calcium	44-1	2857.64	2880.95	2878.66	2872.42	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	199.96	200.77	199.33	200.02	0.36	ppb
Cobalt	59-2	388.43	388.59	384.68	387.23	0.57	ppb
Copper	63-2	322.32	320.29	319.18	320.60	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				106		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	41106.69	40516.21	40928.52	40850.47	0.74	ppb
Iron	57-2	39954.41	40075.01	40085.04	40038.15	0.18	ppb
Iron	54-2	40748.61	40220.41	40519.91	40496.31	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.96	45.97	45.67	45.87	0.37	ppb
Lead	207-1	46.02	46.08	45.48	45.86	0.72	ppb
Lead	208-1	45.97	45.83	45.42	45.74	0.63	ppb
Lithium	6-1				95		%
Magnesium	24-2	10045.35	10014.61	10088.05	10049.34	0.37	ppb
Manganese	55-2	1145.65	1123.97	1143.43	1137.68	1.05	ppb
Molybdenum	94-1	4.00	3.98	3.97	3.98	0.45	ppb
Molybdenum	95-1	0.28	0.27	0.30	0.29	5.65	ppb
Molybdenum	96-1	0.87	0.92	0.88	0.89	3.35	ppb
Molybdenum	97-1	0.27	0.25	0.27	0.26	3.42	ppb
Molybdenum	98-1	0.29	0.28	0.29	0.29	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.66	394.77	395.07	395.50	0.26	ppb
Phosphorus	31-2	409.61	409.79	414.04	411.15	0.61	ppb
Potassium	39-2	1669.79	1669.33	1666.04	1668.38	0.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	74.24	75.44	76.92	75.53	1.78	ppb
Selenium	77-2	78.40	71.23	75.26	74.96	4.79	ppb
Selenium	78-2	72.43	71.68	72.36	72.16	0.57	ppb
Silicon	28-1	198.58	200.63	203.05	200.76	1.12	ppb
Silver	107-1	25.67	25.88	25.60	25.72	0.57	ppb
Silver	109-1	25.81	25.98	25.91	25.90	0.32	ppb
Sodium	23-2	67.92	67.28	67.10	67.43	0.64	ppb
Strontium	86-1	15.46	16.04	16.09	15.86	2.20	ppb
Strontium	88-1	15.73	15.84	16.15	15.91	1.39	ppb
Sulfur	34-1	-1110.35	-1232.24	-1212.22	-1184.94		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	30.84	30.52	30.45	30.60	0.67	ppb
Thallium	205-1	30.33	30.43	30.20	30.32	0.38	ppb
Tin	118-1	0.68	0.70	0.68	0.69	2.06	ppb
Titanium	47-1	508.41	507.18	512.64	509.41	0.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.16	0.16	4.44	ppb
Vanadium	51-2	427.49	435.50	428.25	430.42	1.03	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	468.34	466.27	464.71	466.44	0.39	ppb
Zirconium	90-1	2.14	2.17	2.15	2.15	0.56	ppb
Zirconium	91-1	2.27	2.18	2.26	2.24	2.16	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10164.26	10220.28	10166.28	10183.61	0.31	ppb
Antimony	121-1	0.41	0.42	0.42	0.42	0.95	ppb
Arsenic	75-2	29.96	30.47	29.91	30.11	1.03	ppb
Barium	135-1	91.70	93.65	93.73	93.03	1.24	ppb
Barium	137-1	93.87	94.73	94.43	94.34	0.46	ppb
Beryllium	9-1	0.51	0.45	0.43	0.46	9.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.34	0.44	0.40	0.39	12.34	ppb
Cadmium	106-1	0.55	1.52	0.05	0.71	106.41	ppb
Cadmium	111-1	0.27	0.37	0.29	0.31	16.76	ppb
Calcium	43-1	3615.87	3639.12	3677.91	3644.30	0.86	ppb
Calcium	44-1	3320.69	3414.11	3402.92	3379.24	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.85	13.86	13.90	13.87	0.20	ppb
Cobalt	59-2	10.82	10.85	10.88	10.85	0.28	ppb
Copper	63-2	26.87	27.07	27.16	27.03	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				108		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	26479.61	26327.51	26116.86	26308.00	0.69	ppb
Iron	57-2	26284.40	25791.15	25729.93	25935.16	1.17	ppb
Iron	54-2	26073.73	26273.53	25836.52	26061.26	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.95	18.89	18.63	18.82	0.92	ppb
Lead	207-1	19.60	19.74	19.30	19.55	1.14	ppb
Lead	208-1	19.10	19.23	18.81	19.05	1.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	3687.24	3629.16	3662.47	3659.62	0.80	ppb
Manganese	55-2	474.30	478.19	472.76	475.08	0.59	ppb
Molybdenum	94-1	3.96	3.96	4.05	3.99	1.31	ppb
Molybdenum	95-1	0.30	0.31	0.32	0.31	3.23	ppb
Molybdenum	96-1	0.86	0.84	0.84	0.85	1.69	ppb
Molybdenum	97-1	0.29	0.29	0.30	0.29	1.82	ppb
Molybdenum	98-1	0.30	0.30	0.33	0.31	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.15	10.88	10.92	10.98	1.30	ppb
Phosphorus	31-2	622.71	632.11	615.90	623.58	1.31	ppb
Potassium	39-2	2097.27	2076.84	2064.91	2079.67	0.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.20	0.42	0.53	0.39	44.16	ppb
Selenium	77-2	6.45	6.27	4.99	5.90	13.47	ppb
Selenium	78-2	0.08	0.84	0.48	0.47	80.37	ppb
Silicon	28-1	224.72	227.57	226.13	226.14	0.63	ppb
Silver	107-1	0.15	0.16	0.13	0.15	11.01	ppb
Silver	109-1	0.16	0.13	0.12	0.14	13.75	ppb
Sodium	23-2	68.38	70.20	70.13	69.57	1.48	ppb
Strontium	86-1	20.38	20.47	20.51	20.45	0.34	ppb
Strontium	88-1	20.33	20.42	20.62	20.45	0.72	ppb
Sulfur	34-1	-1041.72	-1061.57	-1124.90	-1076.06		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.06	0.06	2.54	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.28	ppb
Tin	118-1	0.65	0.69	0.67	0.67	2.68	ppb
Titanium	47-1	365.25	369.45	371.62	368.78	0.88	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.29	0.28	0.29	2.19	ppb
Vanadium	51-2	49.25	49.54	49.02	49.27	0.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	90.76	90.67	91.87	91.10	0.73	ppb
Zirconium	90-1	2.21	2.20	2.22	2.21	0.47	ppb
Zirconium	91-1	2.21	2.26	2.22	2.23	1.14	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10214.04	10323.15	10199.87	10245.69	0.66	ppb
Antimony	121-1	0.42	0.45	0.40	0.43	5.66	ppb
Arsenic	75-2	30.40	29.46	30.74	30.20	2.19	ppb
Barium	135-1	90.82	91.95	91.76	91.51	0.66	ppb
Barium	137-1	92.96	93.37	92.77	93.03	0.33	ppb
Beryllium	9-1	0.38	0.40	0.42	0.40	4.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.19	0.41	0.40	50.72	ppb
Cadmium	106-1	1.25	1.18	0.74	1.06	26.38	ppb
Cadmium	111-1	0.34	0.36	0.28	0.33	12.21	ppb
Calcium	43-1	3606.45	3707.60	3698.69	3670.91	1.53	ppb
Calcium	44-1	3443.29	3382.74	3336.44	3387.49	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.91	13.83	13.75	13.83	0.58	ppb
Cobalt	59-2	10.90	10.88	10.94	10.91	0.30	ppb
Copper	63-2	26.98	26.86	26.85	26.90	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				110		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	26505.32	26282.56	26340.98	26376.29	0.44	ppb
Iron	57-2	25917.40	25827.00	26081.48	25941.96	0.50	ppb
Iron	54-2	26468.08	26052.02	26367.70	26295.93	0.83	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.27	18.79	18.91	18.66	1.82	ppb
Lead	207-1	19.05	19.66	19.48	19.40	1.62	ppb
Lead	208-1	18.48	19.00	19.12	18.87	1.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	3712.11	3737.89	3720.53	3723.51	0.35	ppb
Manganese	55-2	472.34	474.90	471.32	472.85	0.39	ppb
Molybdenum	94-1	4.07	4.07	4.14	4.09	1.06	ppb
Molybdenum	95-1	0.29	0.31	0.36	0.32	10.33	ppb
Molybdenum	96-1	0.85	0.89	0.88	0.87	2.67	ppb
Molybdenum	97-1	0.31	0.31	0.32	0.31	1.70	ppb
Molybdenum	98-1	0.30	0.33	0.34	0.32	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.13	11.21	10.99	11.11	1.02	ppb
Phosphorus	31-2	613.55	636.00	645.94	631.83	2.63	ppb
Potassium	39-2	2048.58	2065.51	2109.14	2074.41	1.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.48	0.51	0.50	0.50	2.61	ppb
Selenium	77-2	5.21	5.47	5.05	5.25	4.06	ppb
Selenium	78-2	0.74	0.10	0.08	0.31	122.06	ppb
Silicon	28-1	232.24	237.83	234.02	234.69	1.22	ppb
Silver	107-1	0.11	0.11	0.11	0.11	2.93	ppb
Silver	109-1	0.10	0.11	0.11	0.11	4.48	ppb
Sodium	23-2	69.07	70.65	71.47	70.40	1.73	ppb
Strontium	86-1	20.02	20.75	20.75	20.51	2.07	ppb
Strontium	88-1	20.58	20.89	20.91	20.79	0.88	ppb
Sulfur	34-1	-1152.03	-1200.41	-1251.59	-1201.34		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.05	0.05	0.05	11.77	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	2.56	ppb
Tin	118-1	0.60	0.63	0.63	0.62	3.02	ppb
Titanium	47-1	373.43	381.15	377.19	377.26	1.02	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.29	0.29	0.29	2.49	ppb
Vanadium	51-2	48.80	49.15	49.03	48.99	0.36	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	90.26	90.06	90.60	90.31	0.30	ppb
Zirconium	90-1	2.24	2.26	2.27	2.26	0.62	ppb
Zirconium	91-1	2.14	2.28	2.27	2.23	3.53	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2170.93	2157.36	2177.39	2168.56	0.47	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	1.35	ppb
Arsenic	75-2	6.03	6.18	6.27	6.16	1.99	ppb
Barium	135-1	18.23	18.19	18.96	18.46	2.32	ppb
Barium	137-1	18.71	19.00	18.51	18.74	1.31	ppb
Beryllium	9-1	0.09	0.08	0.09	0.09	7.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.03	0.01	0.02	39.00	ppb
Cadmium	106-1	0.38	-0.25	-0.59	-0.15		ppb
Cadmium	111-1	0.07	0.03	0.01	0.04	89.64	ppb
Calcium	43-1	735.99	748.27	729.56	737.94	1.29	ppb
Calcium	44-1	722.39	742.14	726.88	730.47	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.90	2.75	2.81	2.82	2.71	ppb
Cobalt	59-2	2.25	2.27	2.23	2.25	0.76	ppb
Copper	63-2	5.48	5.46	5.53	5.49	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				108		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	5447.39	5408.56	5424.81	5426.92	0.36	ppb
Iron	57-2	5708.26	5700.80	5725.98	5711.68	0.23	ppb
Iron	54-2	5733.85	5705.49	5741.49	5726.94	0.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.77	3.61	3.81	3.73	2.86	ppb
Lead	207-1	3.99	4.01	3.80	3.93	3.02	ppb
Lead	208-1	3.84	3.81	3.75	3.80	1.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	789.75	786.95	798.05	791.58	0.73	ppb
Manganese	55-2	100.38	99.28	101.15	100.27	0.94	ppb
Molybdenum	94-1	0.79	0.84	0.79	0.81	3.20	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	10.99	ppb
Molybdenum	96-1	0.17	0.19	0.18	0.18	4.17	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	4.92	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.16	2.20	2.19	1.02	ppb
Phosphorus	31-2	110.89	108.45	118.30	112.54	4.56	ppb
Potassium	39-2	454.47	454.85	457.58	455.63	0.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.59	0.58	0.59	0.59	1.18	ppb
Selenium	77-2	0.54	0.91	1.29	0.91	40.83	ppb
Selenium	78-2	-0.26	-0.57	-0.42	-0.42		ppb
Silicon	28-1	45.61	48.37	47.15	47.04	2.95	ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.98	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.61	ppb
Sodium	23-2	32.83	30.96	30.56	31.45	3.86	ppb
Strontium	86-1	4.21	4.18	4.02	4.14	2.42	ppb
Strontium	88-1	4.20	4.28	4.13	4.21	1.75	ppb
Sulfur	34-1	-1216.00	-1137.41	-1244.86	-1199.42		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.11	0.11	0.11	6.74	ppb
Titanium	47-1	74.34	76.53	76.26	75.71	1.58	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.06	0.06	4.74	ppb
Vanadium	51-2	10.04	9.95	9.96	9.99	0.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	18.57	18.18	18.35	18.37	1.07	ppb
Zirconium	90-1	0.46	0.47	0.44	0.45	2.98	ppb
Zirconium	91-1	0.44	0.44	0.42	0.43	2.37	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15706.36	15630.27	15429.26	15588.63	0.92	ppb
Antimony	121-1	23.91	24.05	24.24	24.07	0.70	ppb
Arsenic	75-2	52.94	53.37	54.20	53.50	1.20	ppb
Barium	135-1	554.91	561.52	568.79	561.74	1.24	ppb
Barium	137-1	558.51	559.99	563.48	560.66	0.46	ppb
Beryllium	9-1	12.00	11.95	12.04	12.00	0.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.99	11.09	11.89	11.32	4.34	ppb
Cadmium	106-1	12.10	11.75	12.04	11.96	1.55	ppb
Cadmium	111-1	12.15	12.43	12.46	12.35	1.42	ppb
Calcium	43-1	5381.13	5454.11	5555.88	5463.70	1.61	ppb
Calcium	44-1	4959.35	5071.72	5106.63	5045.90	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.96	64.57	64.93	64.82	0.33	ppb
Cobalt	59-2	128.27	126.78	127.62	127.56	0.58	ppb
Copper	63-2	93.52	92.80	93.04	93.12	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	39367.62	39109.62	39720.75	39399.33	0.78	ppb
Iron	57-2	38943.09	38576.49	38658.21	38725.93	0.50	ppb
Iron	54-2	39023.10	38892.84	38853.83	38923.26	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.63	32.92	32.07	32.21	2.04	ppb
Lead	207-1	32.58	33.68	32.89	33.05	1.72	ppb
Lead	208-1	31.96	33.21	32.24	32.47	2.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	5546.08	5514.99	5485.41	5515.49	0.55	ppb
Manganese	55-2	808.14	808.77	804.94	807.28	0.25	ppb
Molybdenum	94-1	5.80	6.07	6.01	5.96	2.34	ppb
Molybdenum	95-1	0.46	0.46	0.46	0.46	0.56	ppb
Molybdenum	96-1	1.26	1.21	1.32	1.26	4.47	ppb
Molybdenum	97-1	0.45	0.46	0.43	0.45	3.13	ppb
Molybdenum	98-1	0.45	0.49	0.45	0.47	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.97	126.65	127.36	126.99	0.28	ppb
Phosphorus	31-2	957.76	936.44	967.21	953.80	1.65	ppb
Potassium	39-2	3109.19	3052.77	3083.53	3081.83	0.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	23.37	23.92	22.95	23.41	2.06	ppb
Selenium	77-2	27.75	33.82	29.20	30.26	10.47	ppb
Selenium	78-2	22.58	21.98	23.49	22.68	3.35	ppb
Silicon	28-1	345.41	343.51	351.82	346.91	1.25	ppb
Silver	107-1	9.27	9.44	9.49	9.40	1.20	ppb
Silver	109-1	9.24	9.41	9.58	9.41	1.80	ppb
Sodium	23-2	89.07	91.36	91.40	90.61	1.48	ppb
Strontium	86-1	30.23	30.82	30.62	30.55	0.98	ppb
Strontium	88-1	30.43	30.80	30.88	30.71	0.78	ppb
Sulfur	34-1	-1094.36	-1136.39	-1086.09	-1105.61		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	10.44	10.89	10.74	10.69	2.18	ppb
Thallium	205-1	10.44	10.95	10.69	10.69	2.37	ppb
Tin	118-1	0.96	0.98	0.96	0.97	1.16	ppb
Titanium	47-1	550.03	559.33	570.49	559.95	1.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.44	0.43	0.43	1.04	ppb
Vanadium	51-2	184.00	183.70	182.75	183.48	0.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	246.76	245.11	245.70	245.86	0.34	ppb
Zirconium	90-1	3.27	3.32	3.36	3.32	1.37	ppb
Zirconium	91-1	3.29	3.34	3.35	3.33	0.90	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11937.37	11945.87	12065.54	11982.93	0.60	ppb
Antimony	121-1	83.59	73.44	74.77	77.27	7.14	ppb
Arsenic	75-2	59.14	59.91	61.27	60.11	1.80	ppb
Barium	135-1	1740.07	1540.25	1550.31	1610.21	6.99	ppb
Barium	137-1	1752.71	1533.09	1550.39	1612.06	7.57	ppb
Beryllium	9-1	44.46	38.97	40.40	41.28	6.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	40.05	33.94	33.32	35.77	10.40	ppb
Cadmium	106-1	37.92	33.34	33.41	34.89	7.52	ppb
Cadmium	111-1	42.75	37.58	38.42	39.58	7.01	ppb
Calcium	43-1	4294.37	3802.05	3779.88	3958.77	7.35	ppb
Calcium	44-1	3877.17	3511.84	3557.34	3648.78	5.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.05	171.61	172.24	171.30	0.66	ppb
Cobalt	59-2	394.47	397.04	399.68	397.06	0.66	ppb
Copper	63-2	212.04	214.43	214.78	213.75	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				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	27874.58	28093.23	28329.17	28098.99	0.81	ppb
Iron	57-2	27763.21	27490.25	27897.71	27717.06	0.75	ppb
Iron	54-2	28395.43	28325.25	27936.12	28218.93	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.63	33.35	33.00	34.99	9.01	ppb
Lead	207-1	38.89	34.23	33.04	35.39	8.75	ppb
Lead	208-1	38.30	33.62	32.95	34.96	8.34	ppb
Lithium	6-1				93		%
Magnesium	24-2	3837.60	3862.34	3826.06	3842.00	0.48	ppb
Manganese	55-2	864.39	851.53	867.32	861.08	0.98	ppb
Molybdenum	94-1	4.72	4.13	4.13	4.33	7.93	ppb
Molybdenum	95-1	0.36	0.33	0.32	0.34	7.08	ppb
Molybdenum	96-1	0.99	0.89	0.87	0.92	7.10	ppb
Molybdenum	97-1	0.38	0.36	0.32	0.35	9.67	ppb
Molybdenum	98-1	0.39	0.32	0.33	0.35	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.53	400.77	397.20	398.17	0.57	ppb
Phosphorus	31-2	655.98	664.08	624.79	648.28	3.20	ppb
Potassium	39-2	2126.41	2123.31	2159.95	2136.56	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	95.50	85.26	83.09	87.95	7.53	ppb
Selenium	77-2	86.11	82.21	87.28	85.20	3.12	ppb
Selenium	78-2	81.75	82.86	84.12	82.91	1.43	ppb
Silicon	28-1	271.91	240.99	239.81	250.90	7.25	ppb
Silver	107-1	32.85	29.04	30.90	30.93	6.15	ppb
Silver	109-1	33.29	28.94	29.60	30.61	7.67	ppb
Sodium	23-2	69.18	70.76	71.19	70.38	1.50	ppb
Strontium	86-1	24.15	21.63	21.04	22.27	7.41	ppb
Strontium	88-1	24.34	21.65	21.45	22.48	7.19	ppb
Sulfur	34-1	-610.59	-1124.76	-1118.30	-951.22		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	39.09	34.26	33.45	35.60	8.57	ppb
Thallium	205-1	38.71	34.10	33.62	35.47	7.92	ppb
Tin	118-1	0.77	0.65	0.68	0.70	8.53	ppb
Titanium	47-1	435.58	389.58	387.84	404.33	6.70	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.30	0.29	0.31	9.81	ppb
Vanadium	51-2	420.49	421.89	426.02	422.80	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	484.05	482.85	484.10	483.66	0.15	ppb
Zirconium	90-1	2.61	2.35	2.36	2.44	6.02	ppb
Zirconium	91-1	2.64	2.35	2.33	2.44	7.22	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.72	-2.66	-2.61	-2.67		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.51	ppb
Arsenic	75-2	0.01	0.01	0.00	0.00	81.82	ppb
Barium	135-1	0.02	-0.01	0.01	0.01	167.23	ppb
Barium	137-1	0.02	0.03	0.01	0.02	56.30	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.03	0.05	0.02	276.86	ppb
Cadmium	106-1	-0.14	-0.90	-0.92	-0.65		ppb
Cadmium	111-1	-0.01	-0.06	-0.07	-0.05		ppb
Calcium	43-1	-3.68	-4.66	-3.66	-4.00		ppb
Calcium	44-1	-8.68	-9.38	-9.80	-9.29		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.07	-0.06	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.06	-0.01	-0.04	-0.04		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				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	-1.23	-1.18	-1.12	-1.18		ppb
Iron	57-2	-5.09	-0.38	-2.66	-2.71		ppb
Iron	54-2	-2.69	-2.20	-2.19	-2.36		ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.03	0.03	13.28	ppb
Lead	207-1	0.04	0.05	0.03	0.04	21.71	ppb
Lead	208-1	0.04	0.03	0.03	0.03	7.74	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.65	-0.93	-0.56	-0.72		ppb
Manganese	55-2	-0.12	-0.13	-0.11	-0.12		ppb
Molybdenum	94-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.04	0.00	-0.04		ppb
Phosphorus	31-2	-17.80	-18.08	-19.58	-18.49		ppb
Potassium	39-2	-3.01	-4.39	-2.57	-3.32		ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.15	0.26	0.47	0.29	55.89	ppb
Selenium	77-2	0.00	0.19	0.19	0.13	86.61	ppb
Selenium	78-2	-0.56	-0.17	0.51	-0.07		ppb
Silicon	28-1	-1.07	-1.20	-1.21	-1.16		ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.01	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.37	ppb
Sodium	23-2	17.39	18.97	17.90	18.09	4.47	ppb
Strontium	86-1	0.00	-0.03	-0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-962.71	-1039.61	-1012.42	-1004.91		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.05	-0.03	-0.05	-0.04		ppb
Titanium	47-1	-0.04	-0.02	0.00	-0.02		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	214.65	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.45	-0.50	-0.41	-0.45		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.67	36.87	37.79	37.44	1.34	ppb
Antimony	121-1	3.98	3.98	4.04	4.00	0.87	ppb
Arsenic	75-2	1.99	1.96	1.89	1.95	2.62	ppb
Barium	135-1	18.64	18.92	18.82	18.79	0.76	ppb
Barium	137-1	18.92	19.05	19.20	19.06	0.73	ppb
Beryllium	9-1	2.15	2.22	2.19	2.19	1.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.76	2.46	2.51	2.58	6.17	ppb
Cadmium	106-1	2.69	2.52	2.10	2.44	12.58	ppb
Cadmium	111-1	2.32	2.49	2.44	2.42	3.66	ppb
Calcium	43-1	1019.02	1042.40	1017.43	1026.28	1.36	ppb
Calcium	44-1	1009.20	1029.00	1031.66	1023.29	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.65	4.71	4.71	4.69	0.79	ppb
Cobalt	59-2	2.10	2.15	2.16	2.14	1.38	ppb
Copper	63-2	4.43	4.33	4.32	4.36	1.42	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				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	430.59	435.05	429.31	431.65	0.70	ppb
Iron	57-2	457.06	452.62	459.47	456.38	0.76	ppb
Iron	54-2	455.39	461.04	451.50	455.97	1.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.94	1.81	1.82	1.86	3.85	ppb
Lead	207-1	1.85	1.86	1.92	1.88	1.90	ppb
Lead	208-1	1.86	1.85	1.84	1.85	0.69	ppb
Lithium	6-1				95		%
Magnesium	24-2	1109.56	1107.97	1103.79	1107.11	0.27	ppb
Manganese	55-2	2.19	2.01	2.07	2.09	4.36	ppb
Molybdenum	94-1	11.56	11.31	11.35	11.41	1.18	ppb
Molybdenum	95-1	9.30	9.31	9.31	9.31	0.09	ppb
Molybdenum	96-1	9.47	9.43	9.60	9.50	0.95	ppb
Molybdenum	97-1	9.26	9.32	9.20	9.26	0.62	ppb
Molybdenum	98-1	9.25	9.44	9.45	9.38	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.30	2.16	2.22	3.27	ppb
Phosphorus	31-2	-20.46	-17.27	-18.90	-18.88		ppb
Potassium	39-2	1040.62	1040.96	1038.34	1039.97	0.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	10.90	10.84	11.29	11.01	2.22	ppb
Selenium	77-2	10.12	8.71	10.38	9.74	9.20	ppb
Selenium	78-2	11.43	8.93	9.26	9.87	13.74	ppb
Silicon	28-1	2.07	2.32	2.35	2.24	6.81	ppb
Silver	107-1	1.88	1.98	2.00	1.95	3.11	ppb
Silver	109-1	1.94	2.00	2.08	2.01	3.49	ppb
Sodium	23-2	1063.89	1064.68	1060.04	1062.87	0.23	ppb
Strontium	86-1	2.10	2.12	2.07	2.09	1.01	ppb
Strontium	88-1	2.05	2.06	2.07	2.06	0.67	ppb
Sulfur	34-1	-811.44	-771.92	-711.53	-764.96		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	1.78	1.78	1.76	1.77	0.71	ppb
Thallium	205-1	1.81	1.76	1.79	1.79	1.41	ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.02		ppb
Titanium	47-1	9.24	9.53	9.53	9.43	1.76	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.75	1.74	1.74	1.74	0.46	ppb
Vanadium	51-2	10.68	10.50	10.62	10.60	0.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	10.50	10.56	10.53	10.53	0.28	ppb
Zirconium	90-1	2.09	2.08	2.08	2.08	0.26	ppb
Zirconium	91-1	2.05	2.15	2.09	2.10	2.52	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.58	16.70	16.66	16.98	3.06	ppb
Antimony	121-1	2.04	2.04	2.01	2.03	0.94	ppb
Arsenic	75-2	1.00	1.14	1.15	1.10	7.55	ppb
Barium	135-1	9.55	9.58	9.54	9.56	0.23	ppb
Barium	137-1	9.73	9.62	9.47	9.61	1.31	ppb
Beryllium	9-1	1.10	1.05	1.08	1.08	2.50	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.21	1.20	1.44	1.29	10.58	ppb
Cadmium	106-1	1.46	2.05	0.75	1.42	45.70	ppb
Cadmium	111-1	1.35	1.37	1.24	1.32	5.40	ppb
Calcium	43-1	522.06	506.89	518.66	515.87	1.54	ppb
Calcium	44-1	514.20	511.63	522.05	515.96	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.27	2.34	2.32	1.93	ppb
Cobalt	59-2	1.10	1.08	1.13	1.11	2.10	ppb
Copper	63-2	2.26	2.21	2.23	2.23	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				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	231.51	231.36	231.79	231.55	0.09	ppb
Iron	57-2	231.77	230.87	223.49	228.71	1.99	ppb
Iron	54-2	228.29	230.47	235.93	231.56	1.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.98	0.96	0.97	1.43	ppb
Lead	207-1	0.98	0.95	0.98	0.97	1.79	ppb
Lead	208-1	0.97	0.95	0.94	0.95	1.53	ppb
Lithium	6-1				98		%
Magnesium	24-2	560.33	557.04	562.32	559.89	0.48	ppb
Manganese	55-2	0.97	1.02	1.02	1.00	3.12	ppb
Molybdenum	94-1	5.93	5.77	5.51	5.74	3.67	ppb
Molybdenum	95-1	4.64	4.68	4.81	4.71	1.91	ppb
Molybdenum	96-1	4.83	4.84	4.77	4.81	0.84	ppb
Molybdenum	97-1	4.68	4.59	4.75	4.67	1.68	ppb
Molybdenum	98-1	4.70	4.78	4.69	4.72	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.15	1.15	1.13	2.84	ppb
Phosphorus	31-2	-19.67	-21.05	-18.03	-19.58		ppb
Potassium	39-2	524.82	525.97	524.65	525.15	0.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	5.75	5.61	5.14	5.50	5.77	ppb
Selenium	77-2	5.79	5.29	4.90	5.33	8.35	ppb
Selenium	78-2	3.73	5.57	4.80	4.70	19.72	ppb
Silicon	28-1	0.42	0.32	0.56	0.43	28.00	ppb
Silver	107-1	1.00	1.02	1.02	1.01	1.36	ppb
Silver	109-1	1.01	1.01	1.01	1.01	0.13	ppb
Sodium	23-2	546.65	538.24	542.63	542.51	0.78	ppb
Strontium	86-1	0.92	1.02	0.98	0.97	4.98	ppb
Strontium	88-1	1.04	1.03	1.02	1.03	0.88	ppb
Sulfur	34-1	-680.45	-706.29	-592.55	-659.76		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.88	0.89	0.89	0.77	ppb
Thallium	205-1	0.89	0.86	0.90	0.89	2.25	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	4.75	4.79	4.72	4.75	0.75	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.87	0.85	0.87	1.97	ppb
Vanadium	51-2	5.40	5.38	5.30	5.36	1.00	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	5.01	5.31	5.06	5.13	3.15	ppb
Zirconium	90-1	1.06	1.07	1.05	1.06	0.93	ppb
Zirconium	91-1	1.06	1.03	1.05	1.05	1.47	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61269.82	61056.40	60680.99	61002.40	0.49	ppb
Antimony	121-1	1.96	1.98	2.00	1.98	0.96	ppb
Arsenic	75-2	669.91	672.73	661.07	667.91	0.91	ppb
Barium	135-1	209.07	204.03	209.56	207.55	1.47	ppb
Barium	137-1	210.95	210.69	213.09	211.57	0.62	ppb
Beryllium	9-1	0.79	0.77	0.80	0.79	2.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.15	2.04	2.12	3.50	ppb
Cadmium	106-1	2.80	2.93	2.51	2.75	7.89	ppb
Cadmium	111-1	0.34	0.36	0.34	0.35	2.91	ppb
Calcium	43-1	17633.55	17817.40	17684.21	17711.72	0.54	ppb
Calcium	44-1	16376.92	16279.73	16395.51	16350.72	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226.10	226.08	226.49	226.22	0.10	ppb
Cobalt	59-2	102.96	103.43	103.16	103.19	0.23	ppb
Copper	63-2	5635.67	5653.91	5625.28	5638.29	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				107		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	171077.21	171521.82	168919.51	170506.18	0.82	ppb
Iron	57-2	166810.57	170119.63	167384.45	168104.88	1.05	ppb
Iron	54-2	170008.81	169393.01	167383.78	168928.53	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.24	11.15	11.33	11.24	0.78	ppb
Lead	207-1	11.72	11.75	11.67	11.71	0.31	ppb
Lead	208-1	11.47	11.56	11.47	11.50	0.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	38745.11	39076.18	38976.80	38932.70	0.44	ppb
Manganese	55-2	4829.47	4850.90	4746.66	4809.01	1.14	ppb
Molybdenum	94-1	7.40	7.61	7.49	7.50	1.39	ppb
Molybdenum	95-1	1.03	0.99	1.05	1.02	3.14	ppb
Molybdenum	96-1	2.80	2.74	2.77	2.77	1.12	ppb
Molybdenum	97-1	0.96	0.95	0.99	0.97	2.41	ppb
Molybdenum	98-1	0.99	0.95	0.96	0.97	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.60	142.92	141.85	142.79	0.62	ppb
Phosphorus	31-2	697.26	725.61	698.71	707.19	2.26	ppb
Potassium	39-2	585.36	587.25	581.27	584.63	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	82-1	0.84	0.64	0.57	0.68	21.16	ppb
Selenium	77-2	7.22	6.21	6.62	6.68	7.63	ppb
Selenium	78-2	0.14	0.82	1.80	0.92	90.59	ppb
Silicon	28-1	759.15	764.49	765.38	763.01	0.44	ppb
Silver	107-1	2.28	2.24	2.24	2.26	0.96	ppb
Silver	109-1	2.28	2.23	2.27	2.26	1.34	ppb
Sodium	23-2	389.53	393.20	391.16	391.30	0.47	ppb
Strontium	86-1	89.78	88.59	88.85	89.07	0.70	ppb
Strontium	88-1	89.62	89.25	89.88	89.58	0.36	ppb
Sulfur	34-1	-1550.71	-1560.68	-1554.54	-1555.31		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.05	0.04	0.04	17.40	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.69	ppb
Tin	118-1	1.67	1.74	1.70	1.70	2.10	ppb
Titanium	47-1	2023.91	2003.72	2028.86	2018.83	0.66	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.41	0.42	2.24	ppb
Vanadium	51-2	395.29	396.64	386.30	392.74	1.43	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	559.62	562.99	557.54	560.05	0.49	ppb
Zirconium	90-1	3.92	3.86	3.89	3.89	0.77	ppb
Zirconium	91-1	4.19	4.14	4.03	4.12	1.99	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44494.92	43510.54	44034.99	44013.48	1.12	ppb
Antimony	121-1	0.95	1.00	0.96	0.97	2.92	ppb
Arsenic	75-2	148.36	149.22	150.50	149.36	0.72	ppb
Barium	135-1	622.74	634.30	627.92	628.32	0.92	ppb
Barium	137-1	634.12	647.80	617.32	633.08	2.41	ppb
Beryllium	9-1	1.75	1.74	1.85	1.78	3.30	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.03	1.80	2.04	11.92	ppb
Cadmium	106-1	3.35	3.40	3.27	3.34	1.87	ppb
Cadmium	111-1	0.97	1.01	1.03	1.00	3.27	ppb
Calcium	43-1	9926.78	10154.84	10248.49	10110.04	1.64	ppb
Calcium	44-1	9133.96	9292.32	9299.80	9242.03	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174.03	174.20	173.72	173.98	0.14	ppb
Cobalt	59-2	79.12	79.06	79.47	79.21	0.28	ppb
Copper	63-2	185.64	184.11	185.58	185.11	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	169878.26	169080.06	170607.47	169855.26	0.45	ppb
Iron	57-2	167040.08	168173.28	167799.47	167670.94	0.34	ppb
Iron	54-2	169605.66	168532.98	169242.22	169126.95	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.10	36.34	36.41	35.95	2.05	ppb
Lead	207-1	34.14	35.16	35.83	35.04	2.42	ppb
Lead	208-1	34.55	35.39	35.68	35.20	1.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	23878.48	23933.81	23830.01	23880.77	0.22	ppb
Manganese	55-2	5493.90	5427.39	5461.84	5461.04	0.61	ppb
Molybdenum	94-1	27.53	27.62	27.92	27.69	0.73	ppb
Molybdenum	95-1	2.00	2.04	1.98	2.01	1.31	ppb
Molybdenum	96-1	5.72	5.72	5.61	5.69	1.18	ppb
Molybdenum	97-1	2.04	1.97	1.98	2.00	1.69	ppb
Molybdenum	98-1	1.94	1.94	1.93	1.94	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.85	132.10	132.97	132.64	0.36	ppb
Phosphorus	31-2	2225.64	2191.75	2202.50	2206.63	0.78	ppb
Potassium	39-2	12396.78	12245.38	12409.87	12350.68	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.85	1.12	1.19	1.05	17.04	ppb
Selenium	77-2	15.30	18.87	17.87	17.35	10.64	ppb
Selenium	78-2	2.53	2.88	3.80	3.07	21.36	ppb
Silicon	28-1	1011.74	1019.47	1031.67	1020.96	0.98	ppb
Silver	107-1	2.35	2.44	2.35	2.38	2.37	ppb
Silver	109-1	2.34	2.43	2.37	2.38	1.95	ppb
Sodium	23-2	168.99	167.72	168.65	168.45	0.39	ppb
Strontium	86-1	89.71	90.31	90.51	90.18	0.46	ppb
Strontium	88-1	90.88	88.51	89.73	89.71	1.32	ppb
Sulfur	34-1	-1134.03	-1158.75	-1125.30	-1139.36		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.34	0.36	0.34	7.86	ppb
Thallium	205-1	0.33	0.34	0.33	0.33	1.24	ppb
Tin	118-1	1.68	1.72	1.70	1.70	1.18	ppb
Titanium	47-1	886.97	906.79	908.00	900.59	1.31	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.19	1.16	1.16	2.61	ppb
Vanadium	51-2	330.66	319.08	326.14	325.29	1.79	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	238.95	237.07	238.67	238.23	0.42	ppb
Zirconium	90-1	15.37	15.57	15.40	15.45	0.70	ppb
Zirconium	91-1	15.59	15.83	15.76	15.73	0.79	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64219.74	64196.13	64942.55	64452.81	0.66	ppb
Antimony	121-1	1.29	1.37	1.34	1.33	2.78	ppb
Arsenic	75-2	962.38	968.22	968.91	966.50	0.37	ppb
Barium	135-1	287.08	294.02	291.95	291.02	1.23	ppb
Barium	137-1	291.70	298.71	296.16	295.52	1.20	ppb
Beryllium	9-1	1.09	1.17	1.10	1.12	4.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.67	3.36	3.45	3.50	4.56	ppb
Cadmium	106-1	4.08	3.57	3.63	3.76	7.43	ppb
Cadmium	111-1	1.91	1.90	1.88	1.90	0.58	ppb
Calcium	43-1	10652.11	10833.19	10952.62	10812.64	1.40	ppb
Calcium	44-1	9819.79	9976.04	10034.28	9943.37	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233.33	232.67	231.09	232.36	0.49	ppb
Cobalt	59-2	110.19	110.68	109.67	110.18	0.46	ppb
Copper	63-2	364.00	366.74	366.47	365.74	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	169894.47	170509.72	169817.30	170073.83	0.22	ppb
Iron	57-2	166815.50	167653.67	166457.18	166975.45	0.37	ppb
Iron	54-2	168184.30	168302.75	168375.91	168287.65	0.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.66	65.49	66.18	65.44	1.16	ppb
Lead	207-1	63.76	64.89	65.92	64.86	1.66	ppb
Lead	208-1	64.17	64.77	65.62	64.85	1.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	43200.56	42892.30	43219.72	43104.19	0.43	ppb
Manganese	55-2	3523.49	3540.94	3525.38	3529.94	0.27	ppb
Molybdenum	94-1	11.46	11.45	11.49	11.47	0.20	ppb
Molybdenum	95-1	1.13	1.19	1.18	1.17	2.67	ppb
Molybdenum	96-1	3.27	3.28	3.34	3.30	1.17	ppb
Molybdenum	97-1	1.13	1.20	1.08	1.14	5.10	ppb
Molybdenum	98-1	1.13	1.11	1.13	1.12	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.55	152.03	151.72	152.10	0.28	ppb
Phosphorus	31-2	1829.44	1827.97	1808.22	1821.88	0.65	ppb
Potassium	39-2	8012.13	8081.00	7992.79	8028.64	0.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	1.45	0.67	0.88	1.00	40.11	ppb
Selenium	77-2	10.13	8.04	12.34	10.17	21.15	ppb
Selenium	78-2	1.88	1.83	2.48	2.06	17.57	ppb
Silicon	28-1	877.33	888.83	894.20	886.79	0.97	ppb
Silver	107-1	2.64	2.75	2.65	2.68	2.24	ppb
Silver	109-1	2.62	2.71	2.67	2.67	1.73	ppb
Sodium	23-2	184.74	183.81	186.97	185.17	0.88	ppb
Strontium	86-1	60.93	61.12	61.28	61.11	0.29	ppb
Strontium	88-1	60.10	61.39	61.15	60.88	1.13	ppb
Sulfur	34-1	-1272.09	-1271.77	-1300.57	-1281.48		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.18	0.20	0.18	5.45	ppb
Thallium	205-1	0.17	0.19	0.19	0.18	4.67	ppb
Tin	118-1	2.31	2.31	2.34	2.32	0.80	ppb
Titanium	47-1	1259.17	1304.09	1314.04	1292.43	2.26	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.66	0.68	0.66	1.77	ppb
Vanadium	51-2	399.83	392.26	401.15	397.75	1.21	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	301.53	302.79	302.91	302.41	0.25	ppb
Zirconium	90-1	6.15	6.23	6.27	6.22	0.98	ppb
Zirconium	91-1	6.28	6.50	6.47	6.42	1.85	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20571.60	20816.84	20654.01	20680.82	0.60	ppb
Antimony	121-1	0.88	0.87	0.87	0.87	0.58	ppb
Arsenic	75-2	467.78	461.46	464.50	464.58	0.68	ppb
Barium	135-1	631.25	620.77	611.93	621.32	1.56	ppb
Barium	137-1	614.96	638.85	615.74	623.18	2.18	ppb
Beryllium	9-1	0.72	0.78	0.73	0.74	3.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.05	1.04	1.07	4.43	ppb
Cadmium	106-1	1.59	1.50	1.78	1.62	8.83	ppb
Cadmium	111-1	0.45	0.44	0.45	0.45	0.39	ppb
Calcium	43-1	6493.06	6658.04	6565.35	6572.15	1.26	ppb
Calcium	44-1	5994.04	6209.54	6122.72	6108.77	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.70	55.62	55.53	55.28	0.92	ppb
Cobalt	59-2	41.84	42.02	41.92	41.93	0.21	ppb
Copper	63-2	98.61	99.94	99.96	99.50	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				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	60180.07	60660.67	60149.59	60330.11	0.48	ppb
Iron	57-2	59382.97	58599.51	59379.69	59120.72	0.76	ppb
Iron	54-2	59290.28	59831.49	59611.20	59577.66	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.84	28.94	28.68	28.48	2.03	ppb
Lead	207-1	25.94	26.19	26.09	26.07	0.49	ppb
Lead	208-1	26.26	27.24	26.79	26.76	1.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	11095.50	11116.45	11080.22	11097.39	0.16	ppb
Manganese	55-2	4380.01	4415.61	4390.66	4395.43	0.42	ppb
Molybdenum	94-1	10.19	10.29	10.09	10.19	1.00	ppb
Molybdenum	95-1	1.74	1.74	1.79	1.76	1.64	ppb
Molybdenum	96-1	2.91	2.96	2.97	2.95	1.04	ppb
Molybdenum	97-1	1.71	1.66	1.71	1.69	1.81	ppb
Molybdenum	98-1	1.69	1.75	1.77	1.74	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.24	42.51	41.78	42.18	0.88	ppb
Phosphorus	31-2	1121.66	1104.47	1148.59	1124.91	1.98	ppb
Potassium	39-2	3874.19	3880.13	3819.51	3857.94	0.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.90	0.50	0.26	0.56	57.71	ppb
Selenium	77-2	7.92	8.38	7.91	8.07	3.33	ppb
Selenium	78-2	1.74	1.88	1.72	1.78	4.82	ppb
Silicon	28-1	780.65	791.56	782.24	784.82	0.75	ppb
Silver	107-1	2.31	2.40	2.35	2.35	1.88	ppb
Silver	109-1	2.37	2.44	2.40	2.40	1.48	ppb
Sodium	23-2	143.37	144.49	148.28	145.38	1.77	ppb
Strontium	86-1	74.47	75.69	76.35	75.50	1.26	ppb
Strontium	88-1	74.74	76.21	76.52	75.83	1.25	ppb
Sulfur	34-1	-867.51	-959.12	-1145.62	-990.75		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.61	0.66	0.62	0.63	4.30	ppb
Thallium	205-1	0.61	0.64	0.64	0.63	2.25	ppb
Tin	118-1	2.89	2.96	2.99	2.95	1.77	ppb
Titanium	47-1	732.66	744.38	739.53	738.86	0.80	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.88	0.86	0.86	1.93	ppb
Vanadium	51-2	135.45	137.65	137.25	136.78	0.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	123.92	123.69	124.08	123.90	0.16	ppb
Zirconium	90-1	5.20	5.39	5.32	5.30	1.77	ppb
Zirconium	91-1	5.24	5.25	5.37	5.28	1.37	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18603.90	18527.14	18314.06	18481.70	0.81	ppb
Antimony	121-1	0.43	0.44	0.41	0.42	2.94	ppb
Arsenic	75-2	73.44	72.71	72.03	72.73	0.97	ppb
Barium	135-1	78.13	78.43	78.29	78.28	0.19	ppb
Barium	137-1	78.30	80.07	79.87	79.41	1.22	ppb
Beryllium	9-1	0.29	0.29	0.31	0.29	3.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.83	0.87	0.86	3.28	ppb
Cadmium	106-1	2.03	1.56	0.94	1.51	36.24	ppb
Cadmium	111-1	0.56	0.57	0.48	0.54	9.41	ppb
Calcium	43-1	3105.86	3151.64	3118.41	3125.30	0.76	ppb
Calcium	44-1	2827.54	2872.86	2845.24	2848.55	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.74	68.29	67.67	67.90	0.50	ppb
Cobalt	59-2	32.40	32.52	32.16	32.36	0.57	ppb
Copper	63-2	107.52	108.29	106.76	107.52	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				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	49353.64	50390.19	49430.07	49724.63	1.16	ppb
Iron	57-2	48251.86	48857.46	47822.13	48310.48	1.08	ppb
Iron	54-2	49539.93	49070.52	48588.57	49066.34	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.34	17.21	16.85	17.13	1.47	ppb
Lead	207-1	17.28	17.03	16.86	17.05	1.24	ppb
Lead	208-1	17.24	16.91	16.89	17.01	1.14	ppb
Lithium	6-1				93		%
Magnesium	24-2	12346.76	12419.86	12279.36	12348.66	0.57	ppb
Manganese	55-2	1035.50	1056.28	1044.21	1045.33	1.00	ppb
Molybdenum	94-1	2.83	2.97	2.92	2.90	2.46	ppb
Molybdenum	95-1	0.31	0.31	0.30	0.31	1.19	ppb
Molybdenum	96-1	0.90	0.88	0.91	0.90	1.48	ppb
Molybdenum	97-1	0.30	0.31	0.31	0.31	0.63	ppb
Molybdenum	98-1	0.29	0.29	0.31	0.30	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.08	44.81	45.41	45.10	0.66	ppb
Phosphorus	31-2	517.30	513.23	520.72	517.08	0.73	ppb
Potassium	39-2	2320.48	2370.83	2313.63	2334.98	1.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.28	0.40	0.55	0.22	198.45	ppb
Selenium	77-2	3.06	2.34	2.51	2.64	14.29	ppb
Selenium	78-2	0.23	0.07	0.03	0.11	94.55	ppb
Silicon	28-1	217.37	220.50	217.66	218.51	0.79	ppb
Silver	107-1	0.13	0.13	0.13	0.13	1.10	ppb
Silver	109-1	0.13	0.13	0.13	0.13	0.93	ppb
Sodium	23-2	70.29	69.65	69.30	69.75	0.72	ppb
Strontium	86-1	16.36	16.59	16.65	16.53	0.91	ppb
Strontium	88-1	16.50	16.80	16.87	16.72	1.19	ppb
Sulfur	34-1	-1059.51	-1101.64	-1195.89	-1119.01		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.02	0.03	0.03	7.89	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.39	ppb
Tin	118-1	0.61	0.63	0.61	0.62	2.16	ppb
Titanium	47-1	372.22	377.32	373.76	374.43	0.70	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	0.18	ppb
Vanadium	51-2	119.21	120.25	119.41	119.62	0.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	89.11	89.62	89.35	89.36	0.29	ppb
Zirconium	90-1	1.55	1.57	1.59	1.57	1.25	ppb
Zirconium	91-1	1.57	1.61	1.54	1.58	2.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17668.59	18146.32	17890.97	17901.96	1.34	ppb
Antimony	121-1	0.38	0.40	0.42	0.40	4.53	ppb
Arsenic	75-2	67.11	69.45	69.50	68.69	1.99	ppb
Barium	135-1	74.91	75.69	75.58	75.39	0.56	ppb
Barium	137-1	75.32	76.95	75.72	76.00	1.12	ppb
Beryllium	9-1	0.24	0.27	0.30	0.27	9.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.77	0.77	0.75	3.74	ppb
Cadmium	106-1	0.57	1.41	0.44	0.81	65.49	ppb
Cadmium	111-1	0.48	0.53	0.48	0.50	6.29	ppb
Calcium	43-1	2969.55	3104.53	2992.95	3022.34	2.39	ppb
Calcium	44-1	2793.12	2875.71	2833.63	2834.15	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.13	65.66	64.89	65.23	0.60	ppb
Cobalt	59-2	31.60	31.77	31.13	31.50	1.05	ppb
Copper	63-2	104.20	104.58	104.84	104.54	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				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	47470.68	47867.30	47571.05	47636.34	0.43	ppb
Iron	57-2	47333.72	47293.53	46261.96	46963.07	1.29	ppb
Iron	54-2	47219.11	47945.78	46947.74	47370.88	1.09	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.41	16.75	16.04	16.40	2.17	ppb
Lead	207-1	16.55	16.57	16.21	16.44	1.22	ppb
Lead	208-1	16.38	16.56	16.08	16.34	1.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	11872.90	11992.90	11854.77	11906.86	0.63	ppb
Manganese	55-2	990.88	1006.14	988.50	995.17	0.96	ppb
Molybdenum	94-1	2.83	2.99	2.92	2.91	2.64	ppb
Molybdenum	95-1	0.32	0.31	0.28	0.30	5.95	ppb
Molybdenum	96-1	0.89	0.83	0.88	0.87	3.34	ppb
Molybdenum	97-1	0.28	0.30	0.30	0.29	4.51	ppb
Molybdenum	98-1	0.29	0.30	0.28	0.29	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.81	43.02	43.72	43.18	1.11	ppb
Phosphorus	31-2	506.25	489.70	482.39	492.78	2.48	ppb
Potassium	39-2	2230.80	2238.58	2203.42	2224.27	0.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.87	0.32	0.44	0.55	52.44	ppb
Selenium	77-2	1.76	1.99	2.92	2.22	27.69	ppb
Selenium	78-2	1.21	-0.63	-0.24	0.11	860.52	ppb
Silicon	28-1	233.86	237.77	246.69	239.44	2.75	ppb
Silver	107-1	0.13	0.12	0.12	0.12	6.63	ppb
Silver	109-1	0.11	0.12	0.12	0.12	2.49	ppb
Sodium	23-2	65.09	66.33	66.95	66.12	1.44	ppb
Strontium	86-1	15.76	15.98	16.45	16.06	2.21	ppb
Strontium	88-1	16.04	16.25	16.36	16.22	1.01	ppb
Sulfur	34-1	-1139.39	-1119.91	-1160.15	-1139.82		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.02	0.03	18.38	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.47	ppb
Tin	118-1	0.58	0.59	0.59	0.59	0.84	ppb
Titanium	47-1	373.19	384.69	383.05	380.31	1.64	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.16	0.16	1.51	ppb
Vanadium	51-2	114.37	116.10	114.64	115.04	0.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	87.53	88.21	86.37	87.37	1.07	ppb
Zirconium	90-1	1.54	1.56	1.69	1.60	5.17	ppb
Zirconium	91-1	1.60	1.56	1.62	1.59	1.85	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4010.97	4025.94	3996.40	4011.10	0.37	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	1.99	ppb
Arsenic	75-2	15.13	14.69	14.22	14.68	3.08	ppb
Barium	135-1	14.62	15.36	15.56	15.18	3.27	ppb
Barium	137-1	15.26	15.95	15.76	15.66	2.26	ppb
Beryllium	9-1	0.02	0.05	0.04	0.04	36.06	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.21	0.16	0.16	26.56	ppb
Cadmium	106-1	-0.01	0.34	0.35	0.23	88.83	ppb
Cadmium	111-1	0.09	0.09	0.11	0.10	12.04	ppb
Calcium	43-1	635.96	634.30	622.16	630.81	1.19	ppb
Calcium	44-1	623.40	628.90	639.38	630.56	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.14	13.93	13.88	13.99	0.98	ppb
Cobalt	59-2	6.68	6.74	6.80	6.74	0.87	ppb
Copper	63-2	22.41	22.34	22.33	22.36	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	10251.08	10288.33	10170.66	10236.69	0.59	ppb
Iron	57-2	10749.71	10741.89	10739.36	10743.65	0.05	ppb
Iron	54-2	10192.90	10291.76	10423.78	10302.81	1.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.35	3.38	3.23	3.32	2.35	ppb
Lead	207-1	3.46	3.46	3.25	3.39	3.57	ppb
Lead	208-1	3.37	3.38	3.26	3.34	2.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	2579.77	2550.45	2592.97	2574.40	0.85	ppb
Manganese	55-2	224.24	222.47	222.48	223.07	0.46	ppb
Molybdenum	94-1	0.56	0.50	0.54	0.53	5.67	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	23.97	ppb
Molybdenum	96-1	0.18	0.16	0.18	0.17	6.15	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	11.56	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	7.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.50	9.35	9.28	9.38	1.17	ppb
Phosphorus	31-2	99.49	98.34	95.42	97.75	2.15	ppb
Potassium	39-2	518.17	515.91	513.13	515.74	0.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.76	0.58	0.48	0.61	23.57	ppb
Selenium	77-2	0.92	0.37	0.37	0.55	57.96	ppb
Selenium	78-2	0.71	-0.93	-0.31	-0.18		ppb
Silicon	28-1	45.60	45.35	46.24	45.73	1.01	ppb
Silver	107-1	0.02	0.02	0.03	0.02	20.00	ppb
Silver	109-1	0.02	0.03	0.02	0.02	11.23	ppb
Sodium	23-2	28.07	28.87	27.91	28.28	1.83	ppb
Strontium	86-1	3.14	3.39	3.26	3.26	3.71	ppb
Strontium	88-1	3.29	3.39	3.29	3.33	1.75	ppb
Sulfur	34-1	-896.02	-946.38	-992.24	-944.88		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.09	0.12	0.08	0.10	19.94	ppb
Titanium	47-1	77.15	78.38	76.34	77.29	1.33	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.02	0.03	10.67	ppb
Vanadium	51-2	24.53	24.62	24.21	24.45	0.90	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	18.48	18.98	18.84	18.77	1.38	ppb
Zirconium	90-1	0.31	0.30	0.30	0.30	0.58	ppb
Zirconium	91-1	0.30	0.31	0.32	0.31	2.85	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18884.20	19020.17	18825.46	18909.94	0.53	ppb
Antimony	121-1	15.57	15.92	16.14	15.88	1.81	ppb
Arsenic	75-2	76.57	78.65	76.51	77.24	1.58	ppb
Barium	135-1	373.87	381.49	389.66	381.67	2.07	ppb
Barium	137-1	396.25	403.88	408.96	403.03	1.59	ppb
Beryllium	9-1	8.99	9.13	9.39	9.17	2.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.19	8.27	8.69	8.39	3.18	ppb
Cadmium	106-1	7.66	7.74	8.41	7.94	5.17	ppb
Cadmium	111-1	8.00	8.25	8.72	8.32	4.39	ppb
Calcium	43-1	3041.67	3123.54	3117.74	3094.32	1.48	ppb
Calcium	44-1	2844.15	2820.86	2853.51	2839.50	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.04	101.72	100.53	100.76	0.86	ppb
Cobalt	59-2	116.34	117.17	116.91	116.81	0.36	ppb
Copper	63-2	146.95	147.96	146.25	147.06	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				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	49302.99	49234.27	49359.65	49298.97	0.13	ppb
Iron	57-2	47807.41	48842.79	48260.40	48303.53	1.07	ppb
Iron	54-2	48580.99	48830.14	48919.44	48776.86	0.36	ppb
Krypton	83-1						cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.21	19.42	19.70	19.45	1.26	ppb
Lead	207-1	18.97	19.66	19.65	19.43	2.04	ppb
Lead	208-1	19.01	19.39	19.68	19.36	1.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	12139.50	12327.48	12252.57	12239.85	0.77	ppb
Manganese	55-2	1103.15	1093.26	1097.71	1098.04	0.45	ppb
Molybdenum	94-1	2.89	2.96	2.87	2.91	1.73	ppb
Molybdenum	95-1	0.33	0.29	0.34	0.32	8.20	ppb
Molybdenum	96-1	0.86	0.90	0.89	0.88	2.34	ppb
Molybdenum	97-1	0.31	0.32	0.25	0.29	12.43	ppb
Molybdenum	98-1	0.31	0.30	0.31	0.31	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.63	129.73	127.50	128.29	0.97	ppb
Phosphorus	31-2	517.06	505.78	503.21	508.69	1.45	ppb
Potassium	39-2	2290.02	2292.61	2268.72	2283.78	0.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	19.21	19.49	20.17	19.62	2.52	ppb
Selenium	77-2	21.52	16.81	19.07	19.13	12.32	ppb
Selenium	78-2	18.03	17.79	17.75	17.86	0.86	ppb
Silicon	28-1	226.58	231.77	230.55	229.63	1.18	ppb
Silver	107-1	6.90	7.16	7.30	7.12	2.80	ppb
Silver	109-1	6.95	7.24	7.36	7.18	2.91	ppb
Sodium	23-2	62.54	63.45	63.22	63.07	0.74	ppb
Strontium	86-1	16.37	16.59	16.67	16.54	0.95	ppb
Strontium	88-1	16.23	16.49	16.70	16.47	1.43	ppb
Sulfur	34-1	-986.48	-1090.60	-1053.98	-1043.69		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	6.98	6.98	7.19	7.05	1.69	ppb
Thallium	205-1	6.99	7.07	7.19	7.08	1.48	ppb
Tin	118-1	0.54	0.57	0.59	0.56	4.67	ppb
Titanium	47-1	377.35	378.69	382.22	379.42	0.66	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.16	0.16	1.37	ppb
Vanadium	51-2	201.39	203.94	202.68	202.67	0.63	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	171.49	171.40	171.98	171.62	0.18	ppb
Zirconium	90-1	1.56	1.55	1.57	1.56	0.72	ppb
Zirconium	91-1	1.48	1.60	1.55	1.54	4.07	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20249.50	20140.42	20162.57	20184.17	0.29	ppb
Antimony	121-1	75.39	76.72	75.59	75.90	0.94	ppb
Arsenic	75-2	103.50	103.58	102.34	103.14	0.67	ppb
Barium	135-1	1509.14	1539.05	1522.56	1523.59	0.98	ppb
Barium	137-1	1512.25	1538.98	1529.51	1526.91	0.89	ppb
Beryllium	9-1	40.63	40.12	41.51	40.75	1.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.83	35.47	34.96	35.42	1.24	ppb
Cadmium	106-1	35.44	34.60	35.85	35.30	1.82	ppb
Cadmium	111-1	38.89	39.59	38.75	39.08	1.16	ppb
Calcium	43-1	3097.19	3144.65	3141.23	3127.69	0.85	ppb
Calcium	44-1	2892.99	2933.62	2871.81	2899.47	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222.52	221.74	221.39	221.88	0.26	ppb
Cobalt	59-2	406.56	411.28	403.37	407.07	0.98	ppb
Copper	63-2	287.59	288.30	284.02	286.63	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	50699.37	50481.44	50295.02	50491.94	0.40	ppb
Iron	57-2	49638.48	49698.09	49576.67	49637.75	0.12	ppb
Iron	54-2	51284.11	50197.13	50149.74	50543.66	1.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.58	31.76	31.73	31.36	2.16	ppb
Lead	207-1	30.33	31.86	31.11	31.10	2.46	ppb
Lead	208-1	30.40	31.59	31.25	31.08	1.98	ppb
Lithium	6-1				96		%
Magnesium	24-2	12553.80	12519.99	12670.97	12581.58	0.63	ppb
Manganese	55-2	1407.59	1384.98	1397.21	1396.59	0.81	ppb
Molybdenum	94-1	2.96	2.99	3.00	2.98	0.74	ppb
Molybdenum	95-1	0.29	0.34	0.31	0.31	8.14	ppb
Molybdenum	96-1	0.88	0.95	0.94	0.92	4.29	ppb
Molybdenum	97-1	0.29	0.29	0.31	0.30	3.65	ppb
Molybdenum	98-1	0.32	0.29	0.31	0.31	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	423.48	421.38	421.53	422.13	0.28	ppb
Phosphorus	31-2	532.93	513.07	519.89	521.96	1.93	ppb
Potassium	39-2	2346.09	2323.78	2319.96	2329.94	0.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	78.84	80.19	80.40	79.81	1.06	ppb
Selenium	77-2	78.87	81.61	79.64	80.04	1.77	ppb
Selenium	78-2	78.74	73.81	74.82	75.79	3.44	ppb
Silicon	28-1	233.86	235.93	234.94	234.91	0.44	ppb
Silver	107-1	27.36	28.40	27.88	27.88	1.87	ppb
Silver	109-1	27.39	28.17	28.50	28.02	2.03	ppb
Sodium	23-2	61.62	63.41	63.28	62.77	1.58	ppb
Strontium	86-1	16.30	16.64	16.75	16.56	1.41	ppb
Strontium	88-1	16.54	16.80	16.85	16.73	0.99	ppb
Sulfur	34-1	-974.49	-1028.64	-1056.49	-1019.87		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	34.08	36.15	35.33	35.18	2.95	ppb
Thallium	205-1	34.40	36.12	35.45	35.32	2.46	ppb
Tin	118-1	0.56	0.59	0.57	0.57	2.30	ppb
Titanium	47-1	382.23	384.68	386.82	384.58	0.60	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.17	0.16	0.17	3.66	ppb
Vanadium	51-2	485.49	480.84	488.13	484.82	0.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	471.94	470.18	469.51	470.54	0.27	ppb
Zirconium	90-1	1.55	1.61	1.62	1.59	2.30	ppb
Zirconium	91-1	1.61	1.63	1.70	1.65	2.90	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47683.93	47594.00	47446.10	47574.68	0.25	ppb
Antimony	121-1	471.72	475.17	478.14	475.01	0.68	ppb
Arsenic	75-2	471.99	468.12	473.23	471.11	0.57	ppb
Barium	135-1	2375.86	2411.20	2424.50	2403.86	1.05	ppb
Barium	137-1	2398.85	2427.49	2474.94	2433.76	1.58	ppb
Beryllium	9-1	514.56	522.33	525.32	520.73	1.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.61	495.97	501.21	497.60	0.63	ppb
Cadmium	106-1	492.48	496.01	500.91	496.46	0.85	ppb
Cadmium	111-1	487.12	493.69	499.75	493.52	1.28	ppb
Calcium	43-1	242144.03	244721.70	249384.27	245416.67	1.50	ppb
Calcium	44-1	241559.83	241800.43	244270.00	242543.42	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.14	490.62	493.13	493.96	0.78	ppb
Cobalt	59-2	538.30	538.44	531.95	536.23	0.69	ppb
Copper	63-2	5220.82	5205.17	5254.23	5226.74	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				107		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	127066.36	126278.74	127256.26	126867.12	0.41	ppb
Iron	57-2	125178.95	125053.18	124518.60	124916.91	0.28	ppb
Iron	54-2	126380.47	124655.99	125120.10	125385.52	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2527.92	2529.59	2544.06	2533.86	0.35	ppb
Lead	207-1	2499.71	2520.37	2522.42	2514.16	0.50	ppb
Lead	208-1	2511.03	2500.92	2520.53	2510.83	0.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	239681.57	240140.42	240686.68	240169.56	0.21	ppb
Manganese	55-2	4962.87	4923.99	4999.81	4962.22	0.76	ppb
Molybdenum	94-1	4990.16	4942.58	4965.35	4966.03	0.48	ppb
Molybdenum	95-1	4999.57	4952.01	4936.72	4962.77	0.66	ppb
Molybdenum	96-1	5011.52	4964.80	4991.56	4989.29	0.47	ppb
Molybdenum	97-1	5006.93	4929.12	4989.04	4975.03	0.82	ppb
Molybdenum	98-1	5022.42	4964.20	4995.86	4994.16	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.62	520.90	522.30	521.28	0.17	ppb
Phosphorus	31-2	9700.55	9663.87	9754.59	9706.34	0.47	ppb
Potassium	39-2	116167.90	117019.68	117582.69	116923.42	0.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	466.91	463.73	466.84	465.83	0.39	ppb
Selenium	77-2	457.61	457.31	476.80	463.91	2.41	ppb
Selenium	78-2	462.58	452.74	457.21	457.51	1.08	ppb
Silicon	28-1	655.64	662.09	670.09	662.61	1.09	ppb
Silver	107-1	457.64	459.57	465.09	460.77	0.84	ppb
Silver	109-1	454.31	460.53	469.05	461.29	1.60	ppb
Sodium	23-2	242084.34	243213.21	244573.02	243290.19	0.51	ppb
Strontium	86-1	12301.01	12194.37	12281.44	12258.94	0.46	ppb
Strontium	88-1	12338.47	12217.32	12344.70	12300.17	0.58	ppb
Sulfur	34-1	9941.57	9968.88	9959.06	9956.50	0.14	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	513.03	495.79	512.80	507.21	1.95	ppb
Thallium	205-1	499.76	500.85	513.38	504.67	1.50	ppb
Tin	118-1	469.25	477.58	474.59	473.80	0.89	ppb
Titanium	47-1	4855.69	4831.53	4959.22	4882.14	1.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.11	510.13	525.99	516.41	1.63	ppb
Vanadium	51-2	503.95	500.59	510.31	504.95	0.98	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5202.64	5154.51	5133.08	5163.41	0.69	ppb
Zirconium	90-1	494.51	496.06	499.46	496.68	0.51	ppb
Zirconium	91-1	498.25	496.61	500.65	498.50	0.41	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.85	15.92	15.65	15.47	3.58	ppb
Antimony	121-1	0.35	0.36	0.38	0.36	4.27	ppb
Arsenic	75-2	0.02	0.03	0.05	0.04	45.56	ppb
Barium	135-1	0.13	0.09	0.07	0.10	27.73	ppb
Barium	137-1	0.16	0.11	0.09	0.12	29.15	ppb
Beryllium	9-1	0.03	0.04	0.01	0.03	49.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.13	0.15	0.09	105.73	ppb
Cadmium	106-1	0.59	0.05	0.83	0.49	81.93	ppb
Cadmium	111-1	0.09	0.03	0.08	0.07	47.32	ppb
Calcium	43-1	9.79	8.48	5.86	8.05	24.87	ppb
Calcium	44-1	2.56	0.99	-0.16	1.13	121.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.05	-0.03		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	56.80	ppb
Copper	63-2	0.18	0.17	0.20	0.18	9.57	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				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	3.84	3.92	4.36	4.04	6.91	ppb
Iron	57-2	1.57	3.23	2.62	2.47	33.76	ppb
Iron	54-2	3.47	4.00	3.05	3.51	13.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.15	0.14	0.16	17.30	ppb
Lead	207-1	0.18	0.14	0.13	0.15	14.59	ppb
Lead	208-1	0.18	0.14	0.13	0.15	15.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	9.30	9.26	9.19	9.25	0.60	ppb
Manganese	55-2	0.13	0.13	0.09	0.12	18.86	ppb
Molybdenum	94-1	0.63	0.53	0.53	0.56	9.99	ppb
Molybdenum	95-1	0.38	0.34	0.31	0.34	9.35	ppb
Molybdenum	96-1	0.38	0.35	0.34	0.36	5.56	ppb
Molybdenum	97-1	0.36	0.31	0.29	0.32	11.99	ppb
Molybdenum	98-1	0.37	0.32	0.33	0.34	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.04	-0.07	-0.06		ppb
Phosphorus	31-2	-19.06	-20.59	-16.25	-18.63		ppb
Potassium	39-2	1.06	3.95	2.56	2.52	57.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.33	0.70	0.57	0.53	34.44	ppb
Selenium	77-2	0.19	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-0.12	-0.58	-0.54	-0.41		ppb
Silicon	28-1	-1.06	-1.09	-1.08	-1.08		ppb
Silver	107-1	0.05	0.05	0.05	0.05	7.04	ppb
Silver	109-1	0.07	0.05	0.05	0.06	22.18	ppb
Sodium	23-2	27.56	27.25	26.09	26.97	2.88	ppb
Strontium	86-1	0.60	0.48	0.43	0.50	17.89	ppb
Strontium	88-1	0.61	0.51	0.44	0.52	16.47	ppb
Sulfur	34-1	-143.81	-113.40	-80.67	-112.63		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.03	0.04	24.52	ppb
Thallium	205-1	0.05	0.05	0.03	0.05	22.40	ppb
Tin	118-1	0.06	0.07	0.10	0.08	27.49	ppb
Titanium	47-1	0.29	0.28	0.26	0.28	4.38	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	13.39	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	14.80	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.23	-0.34	-0.30	-0.29		ppb
Zirconium	90-1	0.16	0.14	0.13	0.14	10.90	ppb
Zirconium	91-1	0.17	0.15	0.14	0.15	9.20	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:28:30	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6351.61	6278.73	6259.03	6296.46	0.77	ppb
Antimony	121-1	0.33	0.34	0.34	0.34	2.94	ppb
Arsenic	75-2	37.43	39.54	37.96	38.31	2.87	ppb
Barium	135-1	180.10	173.77	175.54	176.47	1.85	ppb
Barium	137-1	177.60	176.41	176.96	176.99	0.34	ppb
Beryllium	9-1	0.23	0.22	0.22	0.23	3.97	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.27	0.22	0.30	30.70	ppb
Cadmium	106-1	0.94	0.72	0.01	0.55	87.66	ppb
Cadmium	111-1	0.20	0.18	0.12	0.16	24.16	ppb
Calcium	43-1	1922.23	1953.62	1979.48	1951.78	1.47	ppb
Calcium	44-1	1922.02	1954.94	1964.15	1947.04	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.82	16.45	16.82	16.70	1.27	ppb
Cobalt	59-2	12.75	12.63	12.97	12.78	1.36	ppb
Copper	63-2	30.31	29.85	29.89	30.02	0.85	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				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	18344.95	18246.19	18121.90	18237.68	0.61	ppb
Iron	57-2	17931.24	18198.14	17787.71	17972.36	1.16	ppb
Iron	54-2	18193.33	18019.06	18165.00	18125.80	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:28:30	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.38	8.61	8.66	8.55	1.73	ppb
Lead	207-1	7.46	7.82	7.86	7.71	2.87	ppb
Lead	208-1	7.67	8.03	7.99	7.90	2.45	ppb
Lithium	6-1				94		%
Magnesium	24-2	3458.69	3360.07	3352.07	3390.28	1.75	ppb
Manganese	55-2	1347.32	1329.17	1315.53	1330.67	1.20	ppb
Molybdenum	94-1	3.12	3.19	3.27	3.19	2.34	ppb
Molybdenum	95-1	0.57	0.62	0.57	0.59	5.54	ppb
Molybdenum	96-1	0.94	0.95	0.98	0.96	2.15	ppb
Molybdenum	97-1	0.58	0.59	0.59	0.59	0.67	ppb
Molybdenum	98-1	0.56	0.57	0.55	0.56	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.40	13.30	13.28	13.33	0.48	ppb
Phosphorus	31-2	304.11	330.76	350.69	328.52	7.11	ppb
Potassium	39-2	1282.16	1273.03	1283.64	1279.61	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.49	0.38	0.60	0.49	22.61	ppb
Selenium	77-2	0.88	2.31	3.53	2.24	59.25	ppb
Selenium	78-2	0.87	2.53	0.15	1.18	103.26	ppb
Silicon	28-1	224.44	220.93	222.05	222.47	0.81	ppb
Silver	107-1	0.05	0.04	0.04	0.04	9.64	ppb
Silver	109-1	0.04	0.04	0.03	0.03	12.31	ppb
Sodium	23-2	49.20	49.40	49.47	49.36	0.29	ppb
Strontium	86-1	22.41	23.30	23.65	23.12	2.77	ppb
Strontium	88-1	22.47	23.00	23.23	22.90	1.69	ppb
Sulfur	34-1	-356.99	-521.76	-574.89	-484.54		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.21	0.20	0.20	6.67	ppb
Thallium	205-1	0.18	0.18	0.20	0.19	5.34	ppb
Tin	118-1	0.91	0.91	0.92	0.91	0.97	ppb
Titanium	47-1	221.12	226.56	229.93	225.87	1.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:28:30	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.25	0.26	0.25	4.80	ppb
Vanadium	51-2	41.05	40.81	41.28	41.05	0.58	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	39.70	38.49	39.06	39.08	1.55	ppb
Zirconium	90-1	1.61	1.69	1.68	1.66	2.57	ppb
Zirconium	91-1	1.58	1.76	1.64	1.66	5.48	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:31:47	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6184.41	6230.90	6184.90	6200.07	0.43	ppb
Antimony	121-1	0.26	0.30	0.30	0.29	8.11	ppb
Arsenic	75-2	33.74	32.90	34.22	33.62	1.99	ppb
Barium	135-1	145.26	157.25	159.16	153.89	4.90	ppb
Barium	137-1	151.76	157.96	156.64	155.45	2.10	ppb
Beryllium	9-1	0.20	0.22	0.23	0.21	6.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.46	0.18	0.27	0.30	47.13	ppb
Cadmium	106-1	1.08	1.49	0.46	1.01	51.41	ppb
Cadmium	111-1	0.17	0.21	0.14	0.17	22.17	ppb
Calcium	43-1	1954.24	1943.75	1923.34	1940.44	0.81	ppb
Calcium	44-1	1924.06	1966.74	1942.26	1944.35	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.65	16.86	16.25	16.59	1.87	ppb
Cobalt	59-2	12.29	12.69	12.13	12.37	2.33	ppb
Copper	63-2	29.47	29.51	29.32	29.43	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				108		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	18109.24	17960.36	17968.47	18012.69	0.46	ppb
Iron	57-2	17830.97	17789.37	17829.79	17816.71	0.13	ppb
Iron	54-2	17733.45	17922.09	18006.47	17887.34	0.78	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:31:47	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.02	7.92	8.28	8.07	2.31	ppb
Lead	207-1	7.71	7.25	7.38	7.44	3.15	ppb
Lead	208-1	7.65	7.57	7.58	7.60	0.57	ppb
Lithium	6-1				98		%
Magnesium	24-2	3335.22	3310.26	3354.54	3333.34	0.67	ppb
Manganese	55-2	1193.09	1161.44	1170.84	1175.12	1.38	ppb
Molybdenum	94-1	3.02	3.11	3.06	3.07	1.56	ppb
Molybdenum	95-1	0.44	0.47	0.50	0.47	6.31	ppb
Molybdenum	96-1	0.85	0.79	0.82	0.82	3.19	ppb
Molybdenum	97-1	0.44	0.45	0.48	0.46	4.49	ppb
Molybdenum	98-1	0.47	0.46	0.49	0.48	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.42	13.06	12.76	12.75	2.52	ppb
Phosphorus	31-2	319.14	317.89	327.39	321.47	1.60	ppb
Potassium	39-2	1241.49	1251.01	1237.86	1243.45	0.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.35	0.46	0.55	0.45	22.38	ppb
Selenium	77-2	4.54	2.61	2.82	3.33	31.92	ppb
Selenium	78-2	0.99	-0.19	-0.12	0.23	292.27	ppb
Silicon	28-1	214.36	215.67	217.44	215.83	0.72	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.72	ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.12	ppb
Sodium	23-2	48.57	49.00	48.06	48.54	0.97	ppb
Strontium	86-1	21.24	21.10	21.05	21.13	0.46	ppb
Strontium	88-1	21.07	21.61	21.18	21.28	1.33	ppb
Sulfur	34-1	-636.19	-728.70	-893.49	-752.79		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.17	0.14	0.15	7.69	ppb
Thallium	205-1	0.15	0.15	0.16	0.15	1.99	ppb
Tin	118-1	1.46	0.95	0.97	1.13	25.60	ppb
Titanium	47-1	224.58	228.42	226.85	226.62	0.85	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:31:47	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.26	0.26	1.63	ppb
Vanadium	51-2	39.58	40.89	39.84	40.10	1.72	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	36.69	37.39	36.75	36.94	1.06	ppb
Zirconium	90-1	1.55	1.57	1.55	1.56	0.68	ppb
Zirconium	91-1	1.62	1.61	1.54	1.59	2.73	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAB1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:35:03	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1307.12	1302.39	1302.60	1304.03	0.21	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	6.95	ppb
Arsenic	75-2	7.51	8.01	7.80	7.77	3.19	ppb
Barium	135-1	33.87	34.64	33.83	34.12	1.33	ppb
Barium	137-1	34.96	35.55	34.96	35.16	0.98	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	36.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.09	0.07	0.06	70.34	ppb
Cadmium	106-1	0.77	0.06	-0.69	0.05	1596.74	ppb
Cadmium	111-1	0.08	0.03	-0.03	0.02	233.11	ppb
Calcium	43-1	388.54	392.90	388.67	390.04	0.64	ppb
Calcium	44-1	376.84	377.20	382.72	378.92	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.26	3.39	3.24	3.30	2.48	ppb
Cobalt	59-2	2.63	2.51	2.55	2.56	2.36	ppb
Copper	63-2	5.90	5.81	5.85	5.85	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	3637.29	3626.20	3665.62	3643.04	0.56	ppb
Iron	57-2	3822.96	3818.65	3834.91	3825.51	0.22	ppb
Iron	54-2	3849.25	3869.51	3846.64	3855.13	0.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAB1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:35:03	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.69	1.73	1.61	1.67	3.59	ppb
Lead	207-1	1.52	1.58	1.49	1.53	2.91	ppb
Lead	208-1	1.58	1.60	1.53	1.57	2.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	714.31	705.77	707.98	709.35	0.62	ppb
Manganese	55-2	274.22	275.46	274.01	274.56	0.28	ppb
Molybdenum	94-1	0.61	0.66	0.62	0.63	4.22	ppb
Molybdenum	95-1	0.10	0.11	0.08	0.10	11.72	ppb
Molybdenum	96-1	0.18	0.20	0.20	0.19	5.87	ppb
Molybdenum	97-1	0.10	0.10	0.11	0.10	1.65	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.11	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.60	2.51	2.51	2.54	2.00	ppb
Phosphorus	31-2	52.95	48.84	54.72	52.17	5.79	ppb
Potassium	39-2	254.40	251.74	252.71	252.95	0.53	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.39	0.47	0.87	0.57	44.70	ppb
Selenium	77-2	0.18	0.90	0.36	0.48	78.06	ppb
Selenium	78-2	-0.07	-0.42	0.00	-0.17		ppb
Silicon	28-1	44.42	44.07	44.00	44.17	0.50	ppb
Silver	107-1	0.00	0.00	0.00	0.00	5.60	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.48	ppb
Sodium	23-2	20.38	20.98	20.28	20.55	1.85	ppb
Strontium	86-1	4.50	4.65	4.55	4.57	1.66	ppb
Strontium	88-1	4.58	4.66	4.67	4.64	1.07	ppb
Sulfur	34-1	-794.36	-831.96	-727.44	-784.59		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.03	0.02	0.02	20.90	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	18.73	ppb
Tin	118-1	0.14	0.15	0.14	0.14	3.55	ppb
Titanium	47-1	44.04	45.19	45.50	44.91	1.71	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAB1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:35:03	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.05	0.05	3.28	ppb
Vanadium	51-2	8.23	8.19	8.27	8.23	0.48	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	7.13	7.43	7.31	7.29	2.02	ppb
Zirconium	90-1	0.33	0.32	0.31	0.32	3.11	ppb
Zirconium	91-1	0.34	0.33	0.32	0.33	2.95	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:38:23	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6531.93	6483.55	6515.55	6510.34	0.38	ppb
Antimony	121-1	15.46	15.48	15.65	15.53	0.67	ppb
Arsenic	75-2	43.51	42.74	41.29	42.51	2.65	ppb
Barium	135-1	447.18	452.54	455.75	451.82	0.96	ppb
Barium	137-1	475.15	473.70	472.49	473.78	0.28	ppb
Beryllium	9-1	8.51	8.56	8.70	8.59	1.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.89	7.98	7.65	7.84	2.19	ppb
Cadmium	106-1	8.12	7.18	6.85	7.38	8.89	ppb
Cadmium	111-1	8.03	7.86	8.00	7.96	1.10	ppb
Calcium	43-1	1926.18	1932.97	1957.45	1938.87	0.85	ppb
Calcium	44-1	1940.71	1938.46	1933.41	1937.53	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.28	49.29	48.74	49.10	0.64	ppb
Cobalt	59-2	92.19	93.46	93.31	92.99	0.75	ppb
Copper	63-2	71.05	71.90	71.09	71.35	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				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	17841.64	18149.46	17839.75	17943.62	0.99	ppb
Iron	57-2	17778.42	17882.02	17751.27	17803.90	0.39	ppb
Iron	54-2	17912.84	18113.74	17761.96	17929.52	0.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:38:23	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.37	11.66	11.67	11.57	1.47	ppb
Lead	207-1	10.74	10.74	10.76	10.74	0.11	ppb
Lead	208-1	10.94	10.98	11.05	10.99	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	3365.71	3327.04	3303.33	3332.03	0.94	ppb
Manganese	55-2	1322.90	1337.64	1316.11	1325.55	0.83	ppb
Molybdenum	94-1	2.96	3.06	3.06	3.03	1.78	ppb
Molybdenum	95-1	0.50	0.50	0.49	0.50	0.99	ppb
Molybdenum	96-1	0.88	0.91	0.84	0.88	3.61	ppb
Molybdenum	97-1	0.52	0.57	0.54	0.54	4.37	ppb
Molybdenum	98-1	0.49	0.51	0.53	0.51	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.08	97.09	93.47	95.55	1.95	ppb
Phosphorus	31-2	315.55	315.77	319.86	317.06	0.77	ppb
Potassium	39-2	1269.79	1262.52	1260.56	1264.29	0.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	18.23	19.02	19.24	18.83	2.82	ppb
Selenium	77-2	18.18	23.64	18.43	20.08	15.35	ppb
Selenium	78-2	18.41	17.60	17.82	17.95	2.32	ppb
Silicon	28-1	216.44	218.21	216.25	216.97	0.50	ppb
Silver	107-1	6.52	6.54	6.77	6.61	2.09	ppb
Silver	109-1	6.51	6.67	6.76	6.65	1.89	ppb
Sodium	23-2	49.98	50.94	50.78	50.56	1.01	ppb
Strontium	86-1	21.40	22.02	22.07	21.83	1.73	ppb
Strontium	88-1	21.66	22.02	22.18	21.96	1.21	ppb
Sulfur	34-1	-752.94	-822.38	-949.03	-841.45		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	7.01	7.07	7.21	7.10	1.50	ppb
Thallium	205-1	7.05	7.03	7.18	7.09	1.19	ppb
Tin	118-1	0.96	0.94	0.99	0.96	2.70	ppb
Titanium	47-1	222.67	222.72	221.47	222.29	0.32	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:38:23	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.24	0.25	0.25	2.22	ppb
Vanadium	51-2	120.27	120.92	120.46	120.55	0.28	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	120.42	120.94	121.98	121.11	0.66	ppb
Zirconium	90-1	1.51	1.56	1.55	1.54	1.67	ppb
Zirconium	91-1	1.56	1.56	1.54	1.55	0.65	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:41:39	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7501.01	7411.01	7442.45	7451.49	0.61	ppb
Antimony	121-1	72.86	74.41	73.89	73.72	1.07	ppb
Arsenic	75-2	64.98	66.12	64.76	65.28	1.12	ppb
Barium	135-1	1561.30	1602.31	1620.33	1594.65	1.90	ppb
Barium	137-1	1575.56	1625.72	1619.85	1607.04	1.71	ppb
Beryllium	9-1	38.44	39.51	39.66	39.21	1.70	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.10	35.13	35.05	34.43	3.34	ppb
Cadmium	106-1	33.27	35.07	34.69	34.34	2.76	ppb
Cadmium	111-1	36.73	38.52	37.65	37.63	2.37	ppb
Calcium	43-1	1914.97	1923.64	1947.44	1928.68	0.87	ppb
Calcium	44-1	1891.23	1947.18	1924.10	1920.84	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.21	170.54	170.89	170.88	0.20	ppb
Cobalt	59-2	389.26	392.22	387.11	389.53	0.66	ppb
Copper	63-2	211.18	209.46	211.19	210.61	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	18690.40	18423.89	18499.24	18537.84	0.74	ppb
Iron	57-2	18450.53	18027.74	18122.02	18200.10	1.22	ppb
Iron	54-2	18525.67	18556.80	18437.88	18506.78	0.33	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:41:39	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.65	21.56	21.47	21.56	0.43	ppb
Lead	207-1	20.27	20.27	20.52	20.35	0.72	ppb
Lead	208-1	20.81	20.89	20.69	20.80	0.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	3344.47	3247.95	3305.87	3299.43	1.47	ppb
Manganese	55-2	1623.59	1614.95	1621.49	1620.01	0.28	ppb
Molybdenum	94-1	3.05	3.11	3.05	3.07	1.12	ppb
Molybdenum	95-1	0.52	0.51	0.55	0.53	3.34	ppb
Molybdenum	96-1	0.86	0.86	0.89	0.87	1.85	ppb
Molybdenum	97-1	0.49	0.50	0.49	0.49	0.91	ppb
Molybdenum	98-1	0.50	0.52	0.50	0.51	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	393.40	388.99	392.93	391.77	0.62	ppb
Phosphorus	31-2	319.73	311.19	324.14	318.35	2.07	ppb
Potassium	39-2	1239.23	1242.92	1240.32	1240.82	0.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	85.73	85.88	85.82	85.81	0.09	ppb
Selenium	77-2	87.22	84.65	92.15	88.01	4.33	ppb
Selenium	78-2	82.00	84.55	85.54	84.03	2.17	ppb
Silicon	28-1	213.84	219.69	218.33	217.29	1.41	ppb
Silver	107-1	20.73	21.40	22.33	21.48	3.73	ppb
Silver	109-1	20.80	21.56	21.50	21.29	1.97	ppb
Sodium	23-2	48.33	48.43	48.37	48.37	0.10	ppb
Strontium	86-1	21.65	22.01	21.95	21.87	0.87	ppb
Strontium	88-1	21.64	22.07	22.10	21.94	1.19	ppb
Sulfur	34-1	-845.94	-873.98	-955.98	-891.96		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	33.44	33.60	33.32	33.45	0.41	ppb
Thallium	205-1	33.23	33.17	33.27	33.22	0.15	ppb
Tin	118-1	0.80	0.84	0.81	0.82	3.03	ppb
Titanium	47-1	218.42	222.13	220.90	220.48	0.86	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:41:39	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.24	0.25	0.24	4.90	ppb
Vanadium	51-2	412.88	410.46	411.32	411.55	0.30	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	422.92	418.03	422.87	421.27	0.67	ppb
Zirconium	90-1	1.52	1.58	1.55	1.55	1.91	ppb
Zirconium	91-1	1.60	1.55	1.56	1.57	1.73	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4295-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 08:57:28	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18928.26	18825.69	18869.78	18874.58	0.27	ppb
Antimony	121-1	0.73	0.76	0.77	0.75	2.58	ppb
Arsenic	75-2	68.37	67.42	68.37	68.06	0.80	ppb
Barium	135-1	717.64	722.55	731.62	723.94	0.98	ppb
Barium	137-1	723.42	728.58	733.98	728.66	0.72	ppb
Beryllium	9-1	0.61	0.62	0.59	0.61	2.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.84	0.81	0.84	3.74	ppb
Cadmium	106-1	1.00	-0.30	0.13	0.28	240.25	ppb
Cadmium	111-1	0.62	0.52	0.56	0.57	8.14	ppb
Calcium	43-1	5808.21	5858.86	5839.38	5835.48	0.44	ppb
Calcium	44-1	5396.55	5340.68	5440.06	5392.43	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.76	79.86	79.85	79.82	0.07	ppb
Cobalt	59-2	33.54	33.63	33.47	33.55	0.23	ppb
Copper	63-2	99.15	98.56	98.58	98.76	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				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	67942.57	68198.21	68465.65	68202.14	0.38	ppb
Iron	57-2	66473.21	66239.74	66373.22	66362.06	0.18	ppb
Iron	54-2	67128.38	67526.92	67720.57	67458.62	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4295-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 08:57:28	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.27	21.38	21.00	20.88	2.69	ppb
Lead	207-1	20.74	21.47	21.72	21.31	2.39	ppb
Lead	208-1	20.41	21.31	21.11	20.94	2.27	ppb
Lithium	6-1				95		%
Magnesium	24-2	11913.11	11929.68	12006.11	11949.63	0.42	ppb
Manganese	55-2	6051.59	6009.04	6030.85	6030.49	0.35	ppb
Molybdenum	94-1	5.96	5.81	5.96	5.91	1.47	ppb
Molybdenum	95-1	1.05	0.98	0.97	1.00	4.35	ppb
Molybdenum	96-1	1.86	1.88	1.88	1.87	0.62	ppb
Molybdenum	97-1	0.89	0.92	0.89	0.90	1.73	ppb
Molybdenum	98-1	0.92	0.89	0.90	0.90	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.64	50.83	51.42	51.30	0.81	ppb
Phosphorus	31-2	1435.20	1419.52	1415.90	1423.54	0.72	ppb
Potassium	39-2	4886.69	4866.26	4871.96	4874.97	0.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.64	0.76	1.04	0.81	25.35	ppb
Selenium	77-2	6.35	4.85	4.76	5.32	16.83	ppb
Selenium	78-2	1.96	1.17	1.26	1.47	29.47	ppb
Silicon	28-1	443.04	449.19	453.25	448.49	1.15	ppb
Silver	107-1	0.12	0.13	0.11	0.12	9.17	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.58	ppb
Sodium	23-2	89.36	88.45	90.90	89.57	1.38	ppb
Strontium	86-1	56.06	55.58	56.31	55.99	0.66	ppb
Strontium	88-1	56.37	55.26	55.84	55.82	0.99	ppb
Sulfur	34-1	-572.70	-721.34	-727.85	-673.96		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.05	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.37	ppb
Tin	118-1	0.89	0.89	0.90	0.89	1.04	ppb
Titanium	47-1	398.14	400.01	399.50	399.21	0.24	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4295-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 08:57:28	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.37	0.38	0.38	1.26	ppb
Vanadium	51-2	141.34	141.32	142.32	141.66	0.40	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	137.84	137.75	136.80	137.46	0.42	ppb
Zirconium	90-1	3.04	3.02	3.05	3.04	0.53	ppb
Zirconium	91-1	3.05	3.03	3.17	3.08	2.46	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:00:38	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22000.19	22011.58	22364.97	22125.58	0.94	ppb
Antimony	121-1	1.11	1.14	1.16	1.14	2.21	ppb
Arsenic	75-2	104.45	103.07	101.95	103.15	1.21	ppb
Barium	135-1	352.93	358.18	359.72	356.94	1.00	ppb
Barium	137-1	366.06	375.43	379.80	373.76	1.88	ppb
Beryllium	9-1	0.47	0.43	0.43	0.45	4.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.17	1.04	1.16	10.05	ppb
Cadmium	106-1	1.95	2.15	2.13	2.08	5.27	ppb
Cadmium	111-1	0.65	0.66	0.73	0.68	6.24	ppb
Calcium	43-1	3881.76	3932.03	3968.03	3927.27	1.10	ppb
Calcium	44-1	3590.48	3569.11	3698.84	3619.48	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.87	76.95	76.36	76.39	0.71	ppb
Cobalt	59-2	43.19	43.58	43.19	43.32	0.53	ppb
Copper	63-2	129.61	130.20	131.31	130.37	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				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	115646.74	115824.81	114848.62	115440.05	0.45	ppb
Iron	57-2	112393.61	113103.90	113002.09	112833.20	0.34	ppb
Iron	54-2	114392.19	114447.09	113578.47	114139.25	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:00:38	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.65	28.53	28.01	28.06	1.57	ppb
Lead	207-1	28.64	29.34	28.74	28.91	1.31	ppb
Lead	208-1	28.05	28.75	28.17	28.32	1.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	13843.96	14125.89	14115.02	14028.29	1.14	ppb
Manganese	55-2	5332.43	5400.34	5319.63	5350.80	0.81	ppb
Molybdenum	94-1	7.29	7.52	7.27	7.36	1.85	ppb
Molybdenum	95-1	1.05	1.07	1.05	1.06	1.12	ppb
Molybdenum	96-1	2.36	2.36	2.37	2.36	0.31	ppb
Molybdenum	97-1	1.00	1.06	1.02	1.03	2.95	ppb
Molybdenum	98-1	0.97	0.96	1.01	0.98	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.50	49.92	49.98	49.80	0.53	ppb
Phosphorus	31-2	557.69	571.98	574.41	568.03	1.59	ppb
Potassium	39-2	2402.47	2419.38	2349.58	2390.47	1.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.83	0.56	0.73	0.71	19.00	ppb
Selenium	77-2	5.04	3.91	6.65	5.20	26.54	ppb
Selenium	78-2	0.78	-0.02	0.16	0.31	138.09	ppb
Silicon	28-1	436.96	441.98	440.89	439.94	0.60	ppb
Silver	107-1	0.12	0.12	0.13	0.12	5.68	ppb
Silver	109-1	0.12	0.11	0.12	0.12	2.63	ppb
Sodium	23-2	103.81	105.41	105.28	104.83	0.85	ppb
Strontium	86-1	39.44	40.44	39.47	39.79	1.43	ppb
Strontium	88-1	39.68	40.28	40.07	40.01	0.76	ppb
Sulfur	34-1	-773.21	-843.67	-855.06	-823.98		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.42	ppb
Thallium	205-1	0.07	0.06	0.06	0.07	7.55	ppb
Tin	118-1	0.89	0.92	0.90	0.90	1.60	ppb
Titanium	47-1	473.19	476.87	479.78	476.62	0.69	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:00:38	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.34	0.34	0.34	0.65	ppb
Vanadium	51-2	175.02	176.05	174.98	175.35	0.34	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	149.67	152.28	151.73	151.23	0.91	ppb
Zirconium	90-1	3.77	3.83	3.84	3.81	1.01	ppb
Zirconium	91-1	3.79	3.83	3.86	3.83	0.97	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:07:04	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15278.74	15030.31	15233.49	15180.85	0.87	ppb
Antimony	121-1	1.02	1.07	1.05	1.05	2.50	ppb
Arsenic	75-2	99.82	99.54	101.26	100.20	0.92	ppb
Barium	135-1	294.02	295.05	294.84	294.64	0.18	ppb
Barium	137-1	298.07	299.30	301.08	299.48	0.50	ppb
Beryllium	9-1	0.60	0.60	0.63	0.61	2.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.26	1.35	1.26	6.74	ppb
Cadmium	106-1	2.06	1.16	1.50	1.58	28.86	ppb
Cadmium	111-1	0.87	0.80	0.80	0.82	4.80	ppb
Calcium	43-1	5337.79	5349.37	5349.61	5345.59	0.13	ppb
Calcium	44-1	4877.32	4932.38	4855.89	4888.53	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.22	38.93	39.24	39.13	0.45	ppb
Cobalt	59-2	38.09	38.03	37.69	37.94	0.56	ppb
Copper	63-2	125.61	126.22	125.28	125.70	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				106		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	84861.72	84594.64	84270.81	84575.72	0.35	ppb
Iron	57-2	82689.78	82095.31	83776.14	82853.74	1.03	ppb
Iron	54-2	83972.33	84127.12	83667.91	83922.46	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:07:04	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.42	25.36	25.43	25.40	0.14	ppb
Lead	207-1	25.11	25.49	25.85	25.48	1.47	ppb
Lead	208-1	25.08	25.29	25.51	25.29	0.85	ppb
Lithium	6-1				94		%
Magnesium	24-2	5977.03	5972.92	5958.02	5969.32	0.17	ppb
Manganese	55-2	5336.82	5346.64	5329.78	5337.74	0.16	ppb
Molybdenum	94-1	8.94	9.04	9.37	9.12	2.48	ppb
Molybdenum	95-1	1.25	1.28	1.27	1.27	1.35	ppb
Molybdenum	96-1	2.41	2.51	2.51	2.48	2.22	ppb
Molybdenum	97-1	1.16	1.17	1.15	1.16	0.84	ppb
Molybdenum	98-1	1.16	1.12	1.20	1.16	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.61	55.89	56.08	56.19	0.66	ppb
Phosphorus	31-2	921.22	903.86	906.17	910.42	1.04	ppb
Potassium	39-2	3119.78	3125.20	3095.13	3113.37	0.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.04	0.54	0.96	0.51	90.47	ppb
Selenium	77-2	9.72	11.05	8.62	9.79	12.43	ppb
Selenium	78-2	1.14	2.52	1.10	1.59	50.86	ppb
Silicon	28-1	389.94	391.49	389.28	390.24	0.29	ppb
Silver	107-1	0.14	0.14	0.14	0.14	0.66	ppb
Silver	109-1	0.14	0.15	0.16	0.15	6.15	ppb
Sodium	23-2	76.11	75.65	77.53	76.43	1.28	ppb
Strontium	86-1	45.15	45.83	45.90	45.62	0.91	ppb
Strontium	88-1	45.31	45.84	46.03	45.72	0.81	ppb
Sulfur	34-1	-540.46	-681.49	-745.66	-655.87		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.06	0.07	6.93	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	9.52	ppb
Tin	118-1	0.77	0.80	0.77	0.78	2.45	ppb
Titanium	47-1	117.77	118.64	118.13	118.18	0.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:07:04	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.57	0.55	0.56	2.01	ppb
Vanadium	51-2	90.47	89.87	89.90	90.08	0.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	177.53	174.61	175.15	175.76	0.88	ppb
Zirconium	90-1	4.71	4.75	4.84	4.76	1.37	ppb
Zirconium	91-1	4.77	4.78	4.99	4.84	2.56	ppb

1000

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:10:19	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.14	2.96	2.62	2.57	15.87	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	14.03	ppb
Arsenic	75-2	0.12	0.04	0.09	0.08	45.15	ppb
Barium	135-1	11.13	11.20	11.22	11.18	0.42	ppb
Barium	137-1	11.27	11.15	11.52	11.32	1.67	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.01	0.01	0.01	115.58	ppb
Cadmium	106-1	0.95	-0.09	0.46	0.44	117.69	ppb
Cadmium	111-1	0.08	0.00	0.04	0.04	101.48	ppb
Calcium	43-1	35334.71	35871.57	35504.46	35570.25	0.77	ppb
Calcium	44-1	32617.49	33256.01	33027.60	32967.03	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.09	0.07	0.08	9.92	ppb
Cobalt	59-2	39.29	39.73	39.09	39.37	0.82	ppb
Copper	63-2	0.06	0.11	0.04	0.07	54.10	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				107		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	37255.54	38251.45	37825.44	37777.48	1.32	ppb
Iron	57-2	36753.73	37702.20	37210.94	37222.29	1.27	ppb
Iron	54-2	37819.79	38098.10	37663.43	37860.44	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:10:19	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.07	0.07	0.07	7.86	ppb
Lead	207-1	0.08	0.07	0.06	0.07	12.53	ppb
Lead	208-1	0.07	0.06	0.06	0.07	3.60	ppb
Lithium	6-1				94		%
Magnesium	24-2	46482.19	47264.48	46696.96	46814.54	0.86	ppb
Manganese	55-2	5421.13	5516.72	5502.74	5480.19	0.94	ppb
Molybdenum	94-1	0.08	0.08	0.05	0.07	26.75	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	4.99	ppb
Molybdenum	96-1	0.21	0.22	0.23	0.22	4.76	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	123.61	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.15	16.34	16.09	16.19	0.79	ppb
Phosphorus	31-2	-14.62	-16.90	-20.60	-17.37		ppb
Potassium	39-2	11196.45	11183.36	11071.95	11150.59	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	1.37	1.87	2.55	1.93	30.90	ppb
Selenium	77-2	0.18	0.37	0.18	0.25	43.98	ppb
Selenium	78-2	-0.19	-0.16	-0.01	-0.12		ppb
Silicon	28-1	474.17	469.33	466.83	470.11	0.79	ppb
Silver	107-1	0.01	0.01	0.02	0.01	22.40	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.24	ppb
Sodium	23-2	481433.76	490629.17	483113.69	485058.87	1.01	ppb
Strontium	86-1	314.03	316.50	317.56	316.03	0.57	ppb
Strontium	88-1	314.25	310.09	315.74	313.36	0.93	ppb
Sulfur	34-1	91406.00	92743.33	91712.18	91953.84	0.76	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.05	0.03	0.02	0.03	53.03	ppb
Titanium	47-1	0.38	0.18	0.14	0.24	54.83	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:10:19	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	30.52	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	3.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	5.44	5.53	5.40	5.45	1.26	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	19.39	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	33.19	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-18DLX5	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 09:13:32	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	631.39	626.07	620.40	625.96	0.88	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	43.21	ppb
Arsenic	75-2	0.34	0.31	0.35	0.33	5.82	ppb
Barium	135-1	3.04	2.93	3.07	3.01	2.47	ppb
Barium	137-1	3.06	3.08	3.13	3.09	1.13	ppb
Beryllium	9-1	0.72	0.78	0.80	0.77	5.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.00	0.03	0.00	913.81	ppb
Cadmium	106-1	1.18	0.67	0.63	0.83	36.96	ppb
Cadmium	111-1	0.09	0.05	0.04	0.06	38.42	ppb
Calcium	43-1	7418.29	7582.83	7643.17	7548.10	1.54	ppb
Calcium	44-1	6895.30	7002.40	7105.94	7001.21	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.05	0.05	13.38	ppb
Cobalt	59-2	25.13	25.30	24.97	25.13	0.65	ppb
Copper	63-2	-0.13	-0.18	-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				108		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	79126.36	79327.57	78144.97	78866.30	0.80	ppb
Iron	57-2	77599.14	77835.61	77772.21	77735.65	0.16	ppb
Iron	54-2	77631.18	78514.11	78282.11	78142.47	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-18DLX5	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 09:13:32	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.06	0.04	0.05	29.29	ppb
Lead	207-1	0.04	0.05	0.06	0.05	13.36	ppb
Lead	208-1	0.04	0.05	0.05	0.04	8.35	ppb
Lithium	6-1				94		%
Magnesium	24-2	2624.31	2641.87	2637.27	2634.48	0.35	ppb
Manganese	55-2	1753.07	1760.44	1723.40	1745.64	1.12	ppb
Molybdenum	94-1	0.13	0.11	0.12	0.12	9.85	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	11.94	ppb
Molybdenum	96-1	0.47	0.46	0.46	0.46	1.15	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	64.17	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.87	47.63	47.03	47.18	0.84	ppb
Phosphorus	31-2	-16.77	-12.70	-13.84	-14.44		ppb
Potassium	39-2	5926.35	5883.91	5866.18	5892.15	0.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.95	0.10	0.65	0.57	75.76	ppb
Selenium	77-2	2.68	2.90	2.51	2.70	7.11	ppb
Selenium	78-2	0.99	0.20	-0.07	0.37	147.48	ppb
Silicon	28-1	123.49	123.67	126.03	124.40	1.14	ppb
Silver	107-1	0.00	0.00	0.00	0.00	68.62	ppb
Silver	109-1	0.00	0.00	0.00	0.00	24.89	ppb
Sodium	23-2	116617.39	116680.58	116009.74	116435.90	0.32	ppb
Strontium	86-1	53.10	53.21	55.12	53.81	2.11	ppb
Strontium	88-1	53.25	53.27	55.34	53.95	2.23	ppb
Sulfur	34-1	151486.17	148493.29	154215.66	151398.37	1.89	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.06	0.05	0.05	0.06	9.63	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-18DLX5	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 09:13:32	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.46	0.42	0.42	0.43	4.93	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	61.51	63.47	62.07	62.35	1.62	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	1.49	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	9.56	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:16:44	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21788.91	22096.25	21744.00	21876.39	0.88	ppb
Antimony	121-1	0.32	0.31	0.31	0.32	1.24	ppb
Arsenic	75-2	31.56	31.39	31.76	31.57	0.59	ppb
Barium	135-1	183.94	186.55	188.76	186.42	1.29	ppb
Barium	137-1	187.45	188.04	189.46	188.32	0.55	ppb
Beryllium	9-1	0.83	0.94	0.88	0.88	6.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	0.93	0.85	0.94	9.06	ppb
Cadmium	106-1	2.12	1.49	1.92	1.84	17.27	ppb
Cadmium	111-1	0.95	0.94	0.96	0.95	0.72	ppb
Calcium	43-1	22512.49	22556.77	22819.48	22629.58	0.73	ppb
Calcium	44-1	20980.02	20929.21	21025.74	20978.33	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.98	34.33	34.30	34.20	0.57	ppb
Cobalt	59-2	19.27	19.37	19.38	19.34	0.32	ppb
Copper	63-2	141.66	142.20	140.94	141.60	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	40387.01	41080.21	41000.35	40822.52	0.93	ppb
Iron	57-2	40177.36	40074.24	40111.89	40121.16	0.13	ppb
Iron	54-2	40126.03	41018.76	40236.49	40460.42	1.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:16:44	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.86	30.84	31.65	31.12	1.49	ppb
Lead	207-1	30.39	30.49	31.44	30.78	1.89	ppb
Lead	208-1	30.30	30.32	31.20	30.61	1.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	9469.95	9435.80	9337.89	9414.55	0.73	ppb
Manganese	55-2	1116.49	1132.55	1130.82	1126.62	0.78	ppb
Molybdenum	94-1	5.99	6.20	6.26	6.15	2.30	ppb
Molybdenum	95-1	0.62	0.62	0.64	0.63	1.64	ppb
Molybdenum	96-1	1.41	1.41	1.43	1.42	0.96	ppb
Molybdenum	97-1	0.61	0.59	0.61	0.60	1.54	ppb
Molybdenum	98-1	0.58	0.60	0.59	0.59	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.58	28.63	28.78	28.66	0.36	ppb
Phosphorus	31-2	1433.70	1443.91	1428.73	1435.45	0.54	ppb
Potassium	39-2	6192.26	6208.75	6216.76	6205.92	0.20	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.86	0.97	0.88	0.91	6.42	ppb
Selenium	77-2	10.10	9.34	8.01	9.15	11.57	ppb
Selenium	78-2	1.96	1.49	2.32	1.92	21.69	ppb
Silicon	28-1	621.01	621.29	629.11	623.80	0.74	ppb
Silver	107-1	0.33	0.34	0.33	0.33	0.80	ppb
Silver	109-1	0.35	0.34	0.35	0.35	1.64	ppb
Sodium	23-2	234.37	236.75	237.65	236.26	0.72	ppb
Strontium	86-1	57.78	58.95	58.64	58.46	1.03	ppb
Strontium	88-1	57.04	58.94	58.65	58.21	1.76	ppb
Sulfur	34-1	168.67	-70.48	-156.64	-19.48		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.15	0.16	0.15	0.15	2.55	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	1.31	ppb
Tin	118-1	1.38	1.43	1.42	1.41	1.71	ppb
Titanium	47-1	507.58	507.96	517.56	511.03	1.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:16:44	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.46	0.49	0.47	2.37	ppb
Vanadium	51-2	66.96	67.46	66.91	67.11	0.46	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	144.60	146.28	145.00	145.29	0.60	ppb
Zirconium	90-1	3.39	3.43	3.45	3.42	0.90	ppb
Zirconium	91-1	3.32	3.43	3.37	3.37	1.66	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N6	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:19:54	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20470.96	20406.08	20265.93	20380.99	0.51	ppb
Antimony	121-1	0.28	0.30	0.32	0.30	5.66	ppb
Arsenic	75-2	24.53	25.85	24.71	25.03	2.85	ppb
Barium	135-1	217.45	219.30	215.54	217.43	0.87	ppb
Barium	137-1	218.93	220.86	216.79	218.86	0.93	ppb
Beryllium	9-1	0.78	0.83	0.82	0.81	3.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	1.02	0.99	0.99	2.83	ppb
Cadmium	106-1	3.03	1.46	1.81	2.10	39.32	ppb
Cadmium	111-1	0.91	0.84	0.81	0.85	5.91	ppb
Calcium	43-1	14920.81	15219.55	15221.37	15120.57	1.14	ppb
Calcium	44-1	13744.20	13959.71	13977.49	13893.80	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.79	32.97	32.76	32.84	0.35	ppb
Cobalt	59-2	19.14	19.19	19.30	19.21	0.41	ppb
Copper	63-2	120.12	119.11	119.09	119.44	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				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	38098.32	37791.03	38351.67	38080.34	0.74	ppb
Iron	57-2	37223.81	37365.52	37390.29	37326.54	0.24	ppb
Iron	54-2	37454.30	37776.78	37875.90	37702.33	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N6	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:19:54	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.56	27.76	27.66	27.66	0.36	ppb
Lead	207-1	27.37	27.60	27.29	27.42	0.58	ppb
Lead	208-1	27.09	27.41	27.26	27.25	0.59	ppb
Lithium	6-1				95		%
Magnesium	24-2	8556.30	8525.76	8603.35	8561.80	0.46	ppb
Manganese	55-2	1464.77	1451.27	1460.93	1458.99	0.48	ppb
Molybdenum	94-1	6.26	6.40	6.45	6.37	1.51	ppb
Molybdenum	95-1	0.72	0.74	0.76	0.74	2.97	ppb
Molybdenum	96-1	1.53	1.56	1.54	1.54	0.88	ppb
Molybdenum	97-1	0.68	0.74	0.71	0.71	4.28	ppb
Molybdenum	98-1	0.72	0.75	0.74	0.74	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.92	27.11	27.44	27.49	1.48	ppb
Phosphorus	31-2	1258.80	1265.03	1270.27	1264.70	0.45	ppb
Potassium	39-2	6648.39	6598.86	6645.79	6631.01	0.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.76	0.94	1.02	0.91	14.89	ppb
Selenium	77-2	10.13	9.59	8.61	9.44	8.15	ppb
Selenium	78-2	0.93	1.87	2.61	1.80	46.72	ppb
Silicon	28-1	647.18	690.21	666.89	668.09	3.22	ppb
Silver	107-1	0.29	0.28	0.27	0.28	4.01	ppb
Silver	109-1	0.29	0.27	0.27	0.28	3.22	ppb
Sodium	23-2	208.69	210.23	211.07	210.00	0.57	ppb
Strontium	86-1	46.73	47.20	47.42	47.12	0.75	ppb
Strontium	88-1	45.97	47.34	47.48	46.93	1.78	ppb
Sulfur	34-1	-388.30	-453.09	-514.30	-451.90		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.14	0.14	0.14	0.14	2.97	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	2.73	ppb
Tin	118-1	1.63	1.65	1.61	1.63	1.36	ppb
Titanium	47-1	510.34	518.43	521.44	516.74	1.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N6	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:19:54	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.42	0.42	2.20	ppb
Vanadium	51-2	64.75	64.03	64.60	64.46	0.58	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	140.39	139.98	138.57	139.65	0.68	ppb
Zirconium	90-1	3.36	3.40	3.39	3.38	0.62	ppb
Zirconium	91-1	3.44	3.45	3.46	3.45	0.31	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:23:09	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46575.93	46779.58	46182.18	46512.56	0.65	ppb
Antimony	121-1	0.94	0.95	0.94	0.95	0.67	ppb
Arsenic	75-2	92.41	92.04	91.55	92.00	0.47	ppb
Barium	135-1	187.52	187.85	189.26	188.21	0.49	ppb
Barium	137-1	191.56	190.65	191.44	191.22	0.26	ppb
Beryllium	9-1	0.78	0.75	0.76	0.76	2.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.53	2.32	2.98	2.61	12.84	ppb
Cadmium	106-1	2.99	3.31	4.17	3.49	17.45	ppb
Cadmium	111-1	2.45	2.43	2.47	2.45	0.91	ppb
Calcium	43-1	4440.20	4528.65	4477.15	4482.00	0.99	ppb
Calcium	44-1	4076.50	4088.21	4193.42	4119.38	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.50	89.81	89.75	89.69	0.18	ppb
Cobalt	59-2	54.30	54.93	54.32	54.51	0.66	ppb
Copper	63-2	301.02	304.77	299.83	301.87	0.85	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				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	112180.09	113014.55	111701.44	112298.69	0.59	ppb
Iron	57-2	109888.07	110322.16	110156.38	110122.20	0.20	ppb
Iron	54-2	111376.84	111969.66	110775.66	111374.05	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:23:09	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.99	90.72	88.49	89.07	1.63	ppb
Lead	207-1	88.66	90.52	88.57	89.25	1.24	ppb
Lead	208-1	87.50	90.39	87.70	88.53	1.82	ppb
Lithium	6-1				92		%
Magnesium	24-2	31959.75	32070.26	31883.82	31971.28	0.29	ppb
Manganese	55-2	2264.71	2290.18	2257.54	2270.81	0.76	ppb
Molybdenum	94-1	8.38	8.30	8.16	8.28	1.37	ppb
Molybdenum	95-1	1.21	1.21	1.23	1.21	1.03	ppb
Molybdenum	96-1	2.69	2.66	2.64	2.66	0.95	ppb
Molybdenum	97-1	1.25	1.22	1.18	1.21	2.97	ppb
Molybdenum	98-1	1.18	1.20	1.19	1.19	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.89	70.23	70.00	69.71	1.03	ppb
Phosphorus	31-2	920.63	903.37	895.14	906.38	1.43	ppb
Potassium	39-2	3344.68	3281.34	3292.17	3306.07	1.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	1.28	1.23	0.89	1.13	18.92	ppb
Selenium	77-2	7.53	8.27	10.86	8.89	19.70	ppb
Selenium	78-2	1.00	1.88	1.69	1.52	30.51	ppb
Silicon	28-1	420.86	421.71	429.22	423.93	1.09	ppb
Silver	107-1	0.58	0.57	0.60	0.58	1.92	ppb
Silver	109-1	0.58	0.59	0.57	0.58	1.74	ppb
Sodium	23-2	123.00	125.09	125.21	124.43	1.00	ppb
Strontium	86-1	30.73	31.43	31.02	31.06	1.14	ppb
Strontium	88-1	31.05	31.61	31.15	31.27	0.97	ppb
Sulfur	34-1	-1384.93	-1441.88	-1382.24	-1403.02		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.13	0.12	0.13	1.79	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	1.47	ppb
Tin	118-1	1.83	1.81	1.84	1.83	0.77	ppb
Titanium	47-1	331.83	337.06	338.18	335.69	1.01	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:23:09	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.56	0.56	0.56	0.89	ppb
Vanadium	51-2	344.48	349.02	340.18	344.56	1.28	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	273.15	273.96	272.45	273.19	0.28	ppb
Zirconium	90-1	4.18	4.24	4.31	4.24	1.56	ppb
Zirconium	91-1	4.22	4.26	4.22	4.23	0.46	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:26:20	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39520.23	39349.75	39685.58	39518.52	0.42	ppb
Antimony	121-1	0.91	0.92	0.90	0.91	1.13	ppb
Arsenic	75-2	135.45	136.02	134.30	135.26	0.65	ppb
Barium	135-1	173.47	175.49	174.07	174.34	0.59	ppb
Barium	137-1	177.10	176.37	174.47	175.98	0.77	ppb
Beryllium	9-1	0.66	0.65	0.65	0.65	1.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.00	1.88	1.96	1.95	3.10	ppb
Cadmium	106-1	3.31	2.82	2.82	2.98	9.52	ppb
Cadmium	111-1	1.83	1.82	1.80	1.82	0.95	ppb
Calcium	43-1	3813.31	3878.45	3851.25	3847.67	0.85	ppb
Calcium	44-1	3499.33	3584.37	3559.45	3547.72	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.65	87.34	88.43	87.81	0.64	ppb
Cobalt	59-2	47.65	47.15	47.68	47.49	0.63	ppb
Copper	63-2	265.27	267.28	270.17	267.57	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	102625.85	101503.74	102934.12	102354.57	0.74	ppb
Iron	57-2	100134.46	99609.74	100701.02	100148.41	0.54	ppb
Iron	54-2	101021.15	100254.64	102392.30	101222.70	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:26:20	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.95	74.72	74.66	74.44	0.58	ppb
Lead	207-1	74.05	75.10	74.27	74.47	0.74	ppb
Lead	208-1	73.50	74.41	73.58	73.83	0.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	26401.99	26108.63	26440.81	26317.14	0.69	ppb
Manganese	55-2	1781.32	1754.11	1789.94	1775.12	1.05	ppb
Molybdenum	94-1	6.94	6.81	6.99	6.91	1.33	ppb
Molybdenum	95-1	0.81	0.86	0.84	0.84	3.36	ppb
Molybdenum	96-1	2.11	2.16	2.11	2.13	1.31	ppb
Molybdenum	97-1	0.84	0.83	0.87	0.85	2.51	ppb
Molybdenum	98-1	0.81	0.82	0.82	0.82	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.74	75.44	74.74	74.97	0.54	ppb
Phosphorus	31-2	895.89	895.60	925.15	905.54	1.88	ppb
Potassium	39-2	4200.94	4112.60	4194.26	4169.26	1.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	1.19	0.82	0.89	0.97	20.58	ppb
Selenium	77-2	6.61	7.56	6.55	6.91	8.21	ppb
Selenium	78-2	2.97	1.09	0.76	1.60	74.46	ppb
Silicon	28-1	444.88	445.28	448.11	446.09	0.39	ppb
Silver	107-1	0.40	0.40	0.40	0.40	0.91	ppb
Silver	109-1	0.40	0.41	0.42	0.41	2.48	ppb
Sodium	23-2	130.77	129.13	134.05	131.32	1.91	ppb
Strontium	86-1	26.52	26.60	26.85	26.65	0.65	ppb
Strontium	88-1	26.73	26.95	26.94	26.87	0.47	ppb
Sulfur	34-1	-1262.06	-1302.45	-1354.19	-1306.24		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.10	0.11	0.11	4.76	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.64	ppb
Tin	118-1	1.68	1.68	1.69	1.68	0.28	ppb
Titanium	47-1	515.67	527.17	518.43	520.42	1.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:26:20	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.34	0.34	0.34	1.93	ppb
Vanadium	51-2	313.03	308.57	311.06	310.89	0.72	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	221.23	221.07	221.39	221.23	0.07	ppb
Zirconium	90-1	3.66	3.69	3.69	3.68	0.57	ppb
Zirconium	91-1	3.66	3.82	3.80	3.76	2.30	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:29:34	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46451.67	46277.05	46482.30	46403.67	0.24	ppb
Antimony	121-1	0.73	0.67	0.66	0.69	5.05	ppb
Arsenic	75-2	84.69	85.37	84.65	84.90	0.48	ppb
Barium	135-1	149.61	147.70	147.64	148.32	0.76	ppb
Barium	137-1	150.63	150.24	149.53	150.13	0.37	ppb
Beryllium	9-1	0.65	0.69	0.67	0.67	2.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.39	2.35	2.30	5.29	ppb
Cadmium	106-1	2.67	3.06	2.44	2.72	11.53	ppb
Cadmium	111-1	2.02	2.10	1.96	2.03	3.54	ppb
Calcium	43-1	5249.39	5333.41	5331.54	5304.78	0.90	ppb
Calcium	44-1	4904.22	4923.05	4895.30	4907.52	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.38	94.54	94.46	94.46	0.08	ppb
Cobalt	59-2	59.21	58.76	58.63	58.87	0.51	ppb
Copper	63-2	295.53	303.69	296.84	298.69	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	113101.95	112304.89	112796.72	112734.52	0.36	ppb
Iron	57-2	111325.48	110130.53	109356.88	110270.96	0.90	ppb
Iron	54-2	111365.92	111013.70	110878.70	111086.11	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:29:34	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	79.08	78.31	77.39	78.26	1.08	ppb
Lead	207-1	79.07	78.55	77.77	78.46	0.83	ppb
Lead	208-1	78.57	78.23	77.05	77.95	1.02	ppb
Lithium	6-1				93		%
Magnesium	24-2	32401.38	32176.10	32118.29	32231.92	0.46	ppb
Manganese	55-2	2148.95	2122.69	2142.68	2138.11	0.64	ppb
Molybdenum	94-1	5.90	6.05	6.15	6.03	2.06	ppb
Molybdenum	95-1	0.83	0.86	0.86	0.85	2.25	ppb
Molybdenum	96-1	2.07	2.11	2.08	2.09	0.94	ppb
Molybdenum	97-1	0.76	0.87	0.83	0.82	6.87	ppb
Molybdenum	98-1	0.80	0.83	0.80	0.81	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.06	79.78	78.93	79.59	0.74	ppb
Phosphorus	31-2	838.31	871.00	827.88	845.73	2.66	ppb
Potassium	39-2	3616.98	3662.76	3577.12	3618.95	1.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	1.11	0.59	1.29	1.00	36.11	ppb
Selenium	77-2	6.53	7.16	6.79	6.83	4.63	ppb
Selenium	78-2	2.07	2.77	1.84	2.23	21.79	ppb
Silicon	28-1	521.84	530.87	534.52	529.08	1.23	ppb
Silver	107-1	0.55	0.52	0.53	0.53	3.09	ppb
Silver	109-1	0.56	0.53	0.53	0.54	2.76	ppb
Sodium	23-2	145.32	147.38	145.96	146.22	0.72	ppb
Strontium	86-1	28.66	29.22	29.24	29.04	1.13	ppb
Strontium	88-1	29.26	29.33	29.49	29.36	0.40	ppb
Sulfur	34-1	-1140.04	-1130.27	-1162.06	-1144.12		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.11	0.10	0.10	4.00	ppb
Thallium	205-1	0.09	0.10	0.10	0.09	4.83	ppb
Tin	118-1	1.74	1.76	1.73	1.74	0.73	ppb
Titanium	47-1	656.62	663.48	660.45	660.18	0.52	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:29:34	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.38	0.37	0.37	2.54	ppb
Vanadium	51-2	317.00	317.09	313.54	315.88	0.64	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	273.65	273.01	271.22	272.63	0.46	ppb
Zirconium	90-1	3.17	3.26	3.22	3.22	1.43	ppb
Zirconium	91-1	3.17	3.24	3.20	3.20	1.10	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:32:45	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43671.51	43890.56	44087.47	43883.18	0.47	ppb
Antimony	121-1	0.79	0.79	0.78	0.79	0.84	ppb
Arsenic	75-2	120.29	120.26	120.78	120.44	0.24	ppb
Barium	135-1	124.03	124.30	121.59	123.31	1.21	ppb
Barium	137-1	125.63	128.06	124.85	126.18	1.33	ppb
Beryllium	9-1	0.59	0.55	0.59	0.58	3.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.41	2.34	2.02	2.26	9.17	ppb
Cadmium	106-1	3.27	2.99	2.63	2.96	10.91	ppb
Cadmium	111-1	1.84	1.91	1.78	1.84	3.66	ppb
Calcium	43-1	4476.99	4509.44	4526.58	4504.34	0.56	ppb
Calcium	44-1	4162.82	4195.34	4200.60	4186.25	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.87	92.92	93.73	93.17	0.52	ppb
Cobalt	59-2	50.30	51.29	51.06	50.88	1.02	ppb
Copper	63-2	268.36	263.56	267.70	266.54	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	103776.95	103973.31	104355.67	104035.31	0.28	ppb
Iron	57-2	101135.84	101742.89	102654.44	101844.39	0.75	ppb
Iron	54-2	102503.58	102622.03	103313.74	102813.12	0.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:32:45	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.50	60.90	61.45	60.95	0.79	ppb
Lead	207-1	61.27	61.73	62.68	61.89	1.16	ppb
Lead	208-1	60.77	61.09	61.91	61.26	0.96	ppb
Lithium	6-1				94		%
Magnesium	24-2	29927.65	30151.82	30130.52	30070.00	0.41	ppb
Manganese	55-2	1717.77	1713.65	1728.03	1719.82	0.43	ppb
Molybdenum	94-1	6.23	6.28	6.38	6.29	1.22	ppb
Molybdenum	95-1	0.80	0.83	0.84	0.82	2.34	ppb
Molybdenum	96-1	2.05	2.07	2.08	2.06	0.59	ppb
Molybdenum	97-1	0.82	0.83	0.88	0.84	3.87	ppb
Molybdenum	98-1	0.81	0.78	0.81	0.80	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.86	80.58	79.27	79.90	0.82	ppb
Phosphorus	31-2	771.23	755.53	776.27	767.68	1.41	ppb
Potassium	39-2	2159.92	2187.74	2148.92	2165.53	0.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	0.83	1.15	1.44	1.14	26.44	ppb
Selenium	77-2	9.18	5.26	6.90	7.12	27.70	ppb
Selenium	78-2	0.37	0.90	1.72	1.00	68.03	ppb
Silicon	28-1	478.67	477.04	485.76	480.49	0.96	ppb
Silver	107-1	0.32	0.32	0.34	0.33	3.38	ppb
Silver	109-1	0.35	0.34	0.34	0.34	1.66	ppb
Sodium	23-2	112.88	113.00	114.33	113.40	0.71	ppb
Strontium	86-1	31.39	31.95	31.75	31.70	0.89	ppb
Strontium	88-1	31.64	32.17	32.34	32.05	1.13	ppb
Sulfur	34-1	-1287.13	-1307.69	-1353.47	-1316.10		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.08	0.06	0.08	15.62	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	5.75	ppb
Tin	118-1	1.72	1.73	1.72	1.72	0.32	ppb
Titanium	47-1	368.54	371.08	372.06	370.56	0.49	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:32:45	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.37	0.38	0.38	1.59	ppb
Vanadium	51-2	324.52	322.37	322.20	323.03	0.40	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	238.49	241.33	243.16	241.00	0.98	ppb
Zirconium	90-1	3.29	3.40	3.37	3.36	1.72	ppb
Zirconium	91-1	3.36	3.48	3.45	3.43	1.87	ppb

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:36:00	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38012.33	37895.39	37820.15	37909.29	0.26	ppb
Antimony	121-1	1.74	1.77	1.77	1.76	1.09	ppb
Arsenic	75-2	122.35	122.55	122.64	122.51	0.12	ppb
Barium	135-1	122.43	124.79	123.31	123.51	0.96	ppb
Barium	137-1	123.93	124.81	125.80	124.85	0.75	ppb
Beryllium	9-1	0.67	0.61	0.67	0.65	5.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.26	3.01	2.78	3.02	7.92	ppb
Cadmium	106-1	2.91	3.13	3.10	3.05	3.91	ppb
Cadmium	111-1	1.96	2.01	2.02	2.00	1.46	ppb
Calcium	43-1	6756.20	6869.59	6788.32	6804.70	0.86	ppb
Calcium	44-1	6284.86	6317.72	6257.04	6286.54	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.87	127.08	127.92	127.29	0.44	ppb
Cobalt	59-2	70.44	70.43	70.86	70.58	0.35	ppb
Copper	63-2	341.80	335.93	338.55	338.76	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				108		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	96671.33	95876.94	95910.87	96153.05	0.47	ppb
Iron	57-2	94916.77	94513.54	94794.54	94741.61	0.22	ppb
Iron	54-2	95332.70	95240.56	94821.96	95131.74	0.29	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:36:00	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.04	83.04	82.54	82.54	0.61	ppb
Lead	207-1	82.00	82.78	82.91	82.56	0.59	ppb
Lead	208-1	81.74	82.06	81.99	81.93	0.21	ppb
Lithium	6-1				93		%
Magnesium	24-2	23820.10	23762.75	23806.02	23796.29	0.13	ppb
Manganese	55-2	2003.00	1987.47	1999.81	1996.76	0.41	ppb
Molybdenum	94-1	9.76	9.95	9.73	9.81	1.22	ppb
Molybdenum	95-1	0.81	0.85	0.87	0.84	3.42	ppb
Molybdenum	96-1	2.34	2.38	2.41	2.38	1.47	ppb
Molybdenum	97-1	0.83	0.84	0.86	0.84	1.62	ppb
Molybdenum	98-1	0.84	0.81	0.85	0.83	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.61	90.81	91.23	90.88	0.35	ppb
Phosphorus	31-2	928.68	928.65	913.65	923.66	0.94	ppb
Potassium	39-2	4361.72	4400.85	4417.16	4393.24	0.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.10	1.27	0.90	1.09	16.79	ppb
Selenium	77-2	5.39	4.30	4.49	4.72	12.34	ppb
Selenium	78-2	2.31	0.73	1.60	1.55	51.36	ppb
Silicon	28-1	426.92	427.05	428.23	427.40	0.17	ppb
Silver	107-1	0.47	0.48	0.50	0.49	3.93	ppb
Silver	109-1	0.47	0.47	0.49	0.48	2.55	ppb
Sodium	23-2	166.64	168.15	170.36	168.39	1.11	ppb
Strontium	86-1	30.29	30.55	30.63	30.49	0.58	ppb
Strontium	88-1	30.48	30.79	30.78	30.69	0.58	ppb
Sulfur	34-1	-836.88	-927.29	-965.92	-910.03		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.12	0.12	0.12	3.34	ppb
Thallium	205-1	0.13	0.11	0.13	0.12	7.76	ppb
Tin	118-1	2.10	2.15	2.12	2.12	1.24	ppb
Titanium	47-1	1407.40	1397.71	1395.19	1400.10	0.46	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:36:00	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.39	0.38	0.38	2.48	ppb
Vanadium	51-2	208.66	208.20	207.73	208.20	0.23	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	251.78	252.42	252.30	252.17	0.13	ppb
Zirconium	90-1	5.29	5.44	5.36	5.36	1.33	ppb
Zirconium	91-1	5.38	5.46	5.54	5.46	1.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:43:43	DataFile Name :	125CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48853.24	48523.20	48263.43	48546.63	0.61	ppb
Antimony	121-1	492.49	492.04	492.35	492.29	0.05	ppb
Arsenic	75-2	483.73	479.48	479.77	480.99	0.49	ppb
Barium	135-1	2533.22	2523.19	2478.62	2511.68	1.16	ppb
Barium	137-1	2518.49	2533.89	2508.26	2520.22	0.51	ppb
Beryllium	9-1	532.92	531.83	538.02	534.26	0.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	486.95	487.67	485.50	486.70	0.23	ppb
Cadmium	106-1	484.57	481.96	479.78	482.10	0.50	ppb
Cadmium	111-1	478.03	472.27	472.64	474.32	0.68	ppb
Calcium	43-1	251076.97	250044.78	255839.32	252320.35	1.22	ppb
Calcium	44-1	248042.39	247018.24	253299.45	249453.36	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.15	511.88	503.74	505.59	1.11	ppb
Cobalt	59-2	528.46	535.50	527.58	530.52	0.82	ppb
Copper	63-2	5234.80	5309.68	5192.20	5245.56	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				105		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	128062.07	128726.90	128088.39	128292.45	0.29	ppb
Iron	57-2	126782.55	128721.07	126921.70	127475.11	0.85	ppb
Iron	54-2	126904.57	126428.93	126366.47	126566.66	0.23	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:43:43	DataFile Name :	125CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2539.58	2566.91	2540.00	2548.83	0.61	ppb
Lead	207-1	2566.35	2591.05	2558.50	2571.97	0.66	ppb
Lead	208-1	2548.73	2577.41	2542.56	2556.24	0.73	ppb
Lithium	6-1				91		%
Magnesium	24-2	243630.43	245605.73	242135.91	243790.69	0.71	ppb
Manganese	55-2	5027.12	5023.52	5025.44	5025.36	0.04	ppb
Molybdenum	94-1	5052.27	5084.76	5130.33	5089.12	0.77	ppb
Molybdenum	95-1	5075.67	5080.17	5069.91	5075.25	0.10	ppb
Molybdenum	96-1	5051.32	5099.12	5055.58	5068.68	0.52	ppb
Molybdenum	97-1	5035.80	5070.59	4995.89	5034.09	0.74	ppb
Molybdenum	98-1	5049.04	5074.06	5040.97	5054.69	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.82	520.33	511.72	514.62	0.96	ppb
Phosphorus	31-2	10074.88	9878.75	9925.04	9959.56	1.03	ppb
Potassium	39-2	119692.33	119933.79	118781.64	119469.25	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	472.16	477.65	479.17	476.33	0.77	ppb
Selenium	77-2	475.59	469.77	466.25	470.54	1.00	ppb
Selenium	78-2	477.99	473.93	472.44	474.79	0.60	ppb
Silicon	28-1	664.44	660.04	682.20	668.89	1.75	ppb
Silver	107-1	486.71	477.09	479.19	481.00	1.05	ppb
Silver	109-1	488.77	475.58	466.26	476.87	2.37	ppb
Sodium	23-2	245592.91	247673.19	242221.69	245162.60	1.12	ppb
Strontium	86-1	12530.95	12551.28	12545.55	12542.59	0.08	ppb
Strontium	88-1	12677.67	12647.29	12703.56	12676.17	0.22	ppb
Sulfur	34-1	9766.39	9739.63	10012.61	9839.54	1.53	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	504.38	527.20	519.22	516.93	2.24	ppb
Thallium	205-1	506.31	513.94	508.74	509.66	0.76	ppb
Tin	118-1	491.94	488.03	493.49	491.16	0.57	ppb
Titanium	47-1	5006.48	5055.01	5086.63	5049.37	0.80	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:43:43	DataFile Name :	125CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	516.21	524.76	516.37	519.11	0.94	ppb
Vanadium	51-2	517.84	510.19	508.70	512.24	0.96	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5156.98	5156.15	5088.69	5133.94	0.76	ppb
Zirconium	90-1	505.09	509.42	517.26	510.59	1.21	ppb
Zirconium	91-1	509.39	506.55	514.24	510.06	0.76	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:46:30	DataFile Name :	126CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.02	22.97	24.17	23.39	2.91	ppb
Antimony	121-1	0.39	0.39	0.40	0.40	1.54	ppb
Arsenic	75-2	0.02	0.03	0.02	0.02	35.84	ppb
Barium	135-1	0.15	0.13	0.07	0.12	35.22	ppb
Barium	137-1	0.15	0.15	0.10	0.13	23.71	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	37.06	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.17	0.03	0.10	68.47	ppb
Cadmium	106-1	-0.20	1.15	0.14	0.36	191.82	ppb
Cadmium	111-1	0.04	0.12	0.05	0.07	60.57	ppb
Calcium	43-1	9.37	12.27	8.23	9.96	20.90	ppb
Calcium	44-1	5.51	4.57	1.60	3.89	52.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.04	-0.02	-0.04		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	153.23	ppb
Copper	63-2	0.18	0.15	0.13	0.15	14.38	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				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	3.29	3.27	3.14	3.23	2.57	ppb
Iron	57-2	-0.46	0.55	2.20	0.77	175.60	ppb
Iron	54-2	2.38	1.63	2.63	2.22	23.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:46:30	DataFile Name :	126CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.19	0.17	0.20	15.54	ppb
Lead	207-1	0.21	0.22	0.18	0.20	9.58	ppb
Lead	208-1	0.22	0.19	0.16	0.19	14.81	ppb
Lithium	6-1				93		%
Magnesium	24-2	8.57	8.45	8.38	8.47	1.17	ppb
Manganese	55-2	0.09	0.06	0.06	0.07	24.63	ppb
Molybdenum	94-1	0.77	0.62	0.59	0.66	14.29	ppb
Molybdenum	95-1	0.42	0.34	0.37	0.38	10.05	ppb
Molybdenum	96-1	0.47	0.40	0.36	0.41	13.52	ppb
Molybdenum	97-1	0.41	0.36	0.36	0.38	7.54	ppb
Molybdenum	98-1	0.44	0.36	0.36	0.39	11.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.04	-0.02	-0.04		ppb
Phosphorus	31-2	-20.21	-19.81	-18.22	-19.41		ppb
Potassium	39-2	8.82	10.56	11.27	10.21	12.34	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.04	0.45	0.35	0.28	75.85	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.18	-0.72	-1.18	-1.03		ppb
Silicon	28-1	-0.96	-1.11	-0.99	-1.02		ppb
Silver	107-1	0.07	0.06	0.05	0.06	17.30	ppb
Silver	109-1	0.07	0.06	0.06	0.06	14.37	ppb
Sodium	23-2	37.51	38.58	37.78	37.96	1.46	ppb
Strontium	86-1	0.65	0.55	0.49	0.56	14.21	ppb
Strontium	88-1	0.71	0.58	0.51	0.60	16.47	ppb
Sulfur	34-1	-197.86	-180.85	-207.94	-195.55		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.05	0.04	0.05	35.35	ppb
Thallium	205-1	0.08	0.05	0.04	0.06	31.95	ppb
Tin	118-1	0.06	0.12	0.10	0.09	34.23	ppb
Titanium	47-1	0.31	0.29	0.30	0.30	2.54	ppb

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:46:30	DataFile Name :	126CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	23.61	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	95.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	-0.26	-0.19	-0.40	-0.29		ppb
Zirconium	90-1	0.22	0.19	0.18	0.19	11.06	ppb
Zirconium	91-1	0.22	0.20	0.15	0.19	17.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1220	1190	1187	2.96	cps
Antimony	121-1	73	50	40	54	31.42	cps
Arsenic	75-2	7	17	7	10	57.72	cps
Barium	135-1	153	200	147	167	17.43	cps
Barium	137-1	180	253	207	213	17.40	cps
Beryllium	9-1	37	50	57	48	21.31	cps
Bismuth	209-1	6578632	6438775	6710954	6576120	2.07	cps
Bismuth	209-2	5196132	5225706	5246060	5222633	0.48	cps
Bromine	81-1	8846	8919	8866	8877	0.43	cps
Bromine	81-2	117	180	157	151	21.20	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	2790	2847	2884	2840	1.66	cps
Cadmium	111-1	1959	1997	2018	1991	1.52	cps
Calcium	43-1	503	530	530	521	2.95	cps
Calcium	44-1	26648	26544	26604	26599	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1437	1447	1280	1388	6.74	cps
Cobalt	59-2	290	217	257	254	14.43	cps
Copper	63-2	2160	2220	2050	2144	4.02	cps
Dysprosium	156-1	953	910	850	904	5.74	cps
Dysprosium	156-2	253	183	163	200	23.63	cps
Erbium	164-1	97	83	50	77	31.35	cps
Erbium	164-2	47	50	53	50	6.66	cps
Gadolinium	160-1	70	40	33	48	40.88	cps
Gadolinium	160-2	267	270	290	276	4.58	cps
Holmium	165-1	10490750	10509813	10784702	10595088	1.55	cps
Holmium	165-2	7298689	7429823	7362626	7363713	0.89	cps
Indium	115-1	8830017	8871971	8934405	8878798	0.59	cps
Indium	115-2	3051960	3050993	3068050	3057001	0.31	cps
Iron	56-2	31429	30915	31303	31216	0.86	cps
Iron	57-2	2357	2307	2227	2297	2.86	cps
Iron	54-2	3170	3384	3097	3217	4.63	cps
Krypton	83-1	297	273	293	288	4.38	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410	480	443	444	7.88	cps
Lead	207-1	357	337	400	364	8.88	cps
Lead	208-1	1747	1773	1810	1777	1.79	cps
Lithium	6-1	1710136	1703526	1700762	1704808	0.28	cps
Magnesium	24-2	1140	1083	1130	1118	2.71	cps
Manganese	55-2	1270	1413	1307	1330	5.60	cps
Molybdenum	94-1	293	317	333	314	6.39	cps
Molybdenum	95-1	170	207	180	186	10.22	cps
Molybdenum	96-1	237	263	247	249	5.41	cps
Molybdenum	97-1	150	70	97	106	38.59	cps
Molybdenum	98-1	240	237	260	246	5.14	cps
Neodymium	150-1	3	3	10	6	69.34	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	320	313	367	333	8.72	cps
Phosphorus	31-2	187	140	173	167	14.42	cps
Potassium	39-2	71728	71336	71202	71422	0.38	cps
Rhodium	103-1	8569346	8404914	8572750	8515670	1.13	cps
Rhodium	103-2	5322609	5435371	5315380	5357787	1.26	cps
Scandium	45-1	5701848	5820378	5820295	5780840	1.18	cps
Scandium	45-2	532305	531896	537333	533845	0.57	cps
Selenium	82-1	356	402	509	423	18.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	343	350	347	347	0.96	cps
Silicon	28-1	341123	346947	347435	345168	1.02	cps
Silver	107-1	63	43	70	59	23.57	cps
Silver	109-1	33	17	33	28	34.63	cps
Sodium	23-2	37242	36346	37365	36984	1.50	cps
Strontium	86-1	553	527	580	553	4.82	cps
Strontium	88-1	843	890	957	897	6.35	cps
Sulfur	34-1	264658	260694	264821	263391	0.89	cps
Terbium	159-1	10884144	11049701	10956792	10963546	0.76	cps
Terbium	159-2	7448892	7400523	7370142	7406519	0.54	cps
Thallium	203-1	333	337	347	339	2.05	cps
Thallium	205-1	830	843	833	836	0.83	cps
Tin	118-1	2167	2084	2127	2126	1.96	cps
Titanium	47-1	280	287	240	269	9.39	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	130	160	137	142	11.08	cps
Vanadium	51-2	50	73	60	61	19.15	cps
Yttrium	89-1	14982696	15075437	15241816	15099983	0.87	cps
Yttrium	89-2	3866997	3945051	3882484	3898178	1.06	cps
Zinc	66-2	1200	1280	1227	1236	3.30	cps
Zirconium	90-1	753	707	790	750	5.57	cps
Zirconium	91-1	147	203	170	173	16.43	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6878	7005	6905	6929	0.96	cps
Antimony	121-1	20168	20254	20618	20347	1.17	cps
Arsenic	75-2	560	667	573	600	9.69	cps
Barium	135-1	24371	25152	24929	24817	1.62	cps
Barium	137-1	42417	44025	43540	43327	1.90	cps
Beryllium	9-1	1973	2160	2057	2063	4.53	cps
Bismuth	209-1	6535842	6493323	6549162	6526109	0.45	cps
Bismuth	209-2	5218671	5200294	5203978	5207648	0.19	cps
Bromine	81-1	8893	8833	9013	8913	1.03	cps
Bromine	81-2	157	113	213	161	31.13	cps
Cadmium	108-1	177	180	223	193	13.47	cps
Cadmium	106-1	3240	3157	3117	3171	1.98	cps
Cadmium	111-1	4908	4678	4703	4763	2.66	cps
Calcium	43-1	17644	17674	17927	17748	0.88	cps
Calcium	44-1	306261	309112	310487	308620	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11698	11915	11494	11702	1.80	cps
Cobalt	59-2	8382	8636	8409	8476	1.64	cps
Copper	63-2	14127	13837	13937	13967	1.06	cps
Dysprosium	156-1	890	817	960	889	8.06	cps
Dysprosium	156-2	213	213	210	212	0.91	cps
Erbium	164-1	80	57	67	68	17.27	cps
Erbium	164-2	50	67	63	60	14.70	cps
Gadolinium	160-1	50	37	47	44	15.61	cps
Gadolinium	160-2	287	320	250	286	12.26	cps
Holmium	165-1	10620664	10547977	10885030	10684557	1.66	cps
Holmium	165-2	7470733	7394862	7359099	7408231	0.77	cps
Indium	115-1	8679280	8852689	8849527	8793832	1.13	cps
Indium	115-2	3080713	3088910	3047084	3072236	0.72	cps
Iron	56-2	264224	263844	263624	263897	0.12	cps
Iron	57-2	8246	8706	8219	8390	3.26	cps
Iron	54-2	16619	16536	16466	16540	0.46	cps
Krypton	83-1	287	323	300	303	6.12	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7442	6865	7532	7280	4.97	cps
Lead	207-1	6378	6485	6388	6417	0.92	cps
Lead	208-1	29086	28645	28782	28838	0.78	cps
Lithium	6-1	1692448	1730707	1710233	1711129	1.12	cps
Magnesium	24-2	264849	265551	266013	265471	0.22	cps
Manganese	55-2	5301	5541	5278	5373	2.71	cps
Molybdenum	94-1	22057	22668	22674	22466	1.58	cps
Molybdenum	95-1	27259	27432	27633	27441	0.68	cps
Molybdenum	96-1	29313	30174	30375	29954	1.88	cps
Molybdenum	97-1	16736	16987	17227	16983	1.44	cps
Molybdenum	98-1	42682	43250	44645	43526	2.32	cps
Neodymium	150-1	3	13	10	9	57.30	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	2477	2390	2610	2492	4.45	cps
Phosphorus	31-2	687	680	813	727	10.34	cps
Potassium	39-2	378697	381564	380068	380110	0.38	cps
Rhodium	103-1	8466971	8395914	8563820	8475568	0.99	cps
Rhodium	103-2	5312766	5268237	5204198	5261734	1.04	cps
Scandium	45-1	5709570	5757217	5810246	5759011	0.87	cps
Scandium	45-2	540276	536739	534490	537168	0.54	cps
Selenium	82-1	1322	1356	1354	1344	1.42	cps
Selenium	77-2	97	90	77	88	11.60	cps
Selenium	78-2	590	627	620	612	3.19	cps
Silicon	28-1	375878	375575	380972	377475	0.80	cps
Silver	107-1	12722	12649	12666	12679	0.30	cps
Silver	109-1	12025	11958	12295	12093	1.48	cps
Sodium	23-2	469162	465924	463879	466321	0.57	cps
Strontium	86-1	4234	4074	4071	4126	2.26	cps
Strontium	88-1	30969	32302	32416	31896	2.52	cps
Sulfur	34-1	275624	276483	275281	275796	0.22	cps
Terbium	159-1	10812848	10884182	10873892	10856974	0.36	cps
Terbium	159-2	7360753	7359758	7244918	7321809	0.91	cps
Thallium	203-1	8736	8576	8706	8673	0.98	cps
Thallium	205-1	20582	20569	21073	20741	1.39	cps
Tin	118-1	42472	43994	43666	43377	1.85	cps
Titanium	47-1	7779	8049	8649	8159	5.46	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26086	26202	26713	26334	1.27	cps
Vanadium	51-2	22817	23241	22817	22959	1.07	cps
Yttrium	89-1	15155268	15166044	15179803	15167038	0.08	cps
Yttrium	89-2	3860705	3865856	3874741	3867101	0.18	cps
Zinc	66-2	6308	6668	7085	6687	5.82	cps
Zirconium	90-1	19279	19410	19917	19535	1.72	cps
Zirconium	91-1	4281	4324	4167	4257	1.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294268	298378	298162	296936	0.78	cps
Antimony	121-1	507658	519929	522173	516587	1.51	cps
Arsenic	75-2	31129	30638	30712	30826	0.86	cps
Barium	135-1	653088	667218	672383	664230	1.50	cps
Barium	137-1	1124261	1153313	1152184	1143253	1.44	cps
Beryllium	9-1	100563	102327	103934	102275	1.65	cps
Bismuth	209-1	6580609	6544895	6247637	6457714	2.83	cps
Bismuth	209-2	5257548	5173613	5209348	5213503	0.81	cps
Bromine	81-1	9026	8986	8793	8935	1.40	cps
Bromine	81-2	147	140	120	136	10.24	cps
Cadmium	108-1	10137	9607	9984	9909	2.75	cps
Cadmium	106-1	17244	17631	17157	17344	1.45	cps
Cadmium	111-1	137464	141807	140753	140008	1.62	cps
Calcium	43-1	201097	206563	206572	204744	1.54	cps
Calcium	44-1	2871382	2895467	2893373	2886741	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	266471	268880	267205	267519	0.46	cps
Cobalt	59-2	408373	402413	402246	404344	0.86	cps
Copper	63-2	2877887	2933104	2903169	2904720	0.95	cps
Dysprosium	156-1	1000	980	930	970	3.72	cps
Dysprosium	156-2	233	217	253	234	7.83	cps
Erbium	164-1	87	93	103	94	8.88	cps
Erbium	164-2	37	87	53	59	43.23	cps
Gadolinium	160-1	53	67	73	64	15.80	cps
Gadolinium	160-2	260	327	347	311	14.58	cps
Holmium	165-1	10539589	10668302	10242111	10483334	2.09	cps
Holmium	165-2	7390706	7367049	7433140	7396965	0.45	cps
Indium	115-1	8855719	8911367	8608785	8791957	1.83	cps
Indium	115-2	3086803	3019243	3099724	3068590	1.41	cps
Iron	56-2	11144076	11350227	11346071	11280125	1.04	cps
Iron	57-2	296977	301612	301205	299931	0.86	cps
Iron	54-2	672528	674115	667334	671326	0.53	cps
Krypton	83-1	260	300	367	309	17.44	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1856405	1930673	1960169	1915749	2.79	cps
Lead	207-1	1532545	1563316	1578915	1558258	1.51	cps
Lead	208-1	7450127	7617833	7680015	7582658	1.57	cps
Lithium	6-1	1730236	1741336	1645553	1705708	3.07	cps
Magnesium	24-2	2434355	2421940	2390709	2415668	0.93	cps
Manganese	55-2	1841898	1890407	1908353	1880219	1.83	cps
Molybdenum	94-1	2073968	2121679	2114909	2103519	1.23	cps
Molybdenum	95-1	3021841	3116886	3103463	3080730	1.67	cps
Molybdenum	96-1	3248706	3358535	3341926	3316389	1.79	cps
Molybdenum	97-1	1900759	1930389	1923806	1918318	0.81	cps
Molybdenum	98-1	4806074	4928162	4974539	4902925	1.77	cps
Neodymium	150-1	33	27	47	36	28.64	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	103614	103658	103913	103729	0.16	cps
Phosphorus	31-2	15691	15545	15595	15610	0.48	cps
Potassium	39-2	1542078	1548552	1562455	1551028	0.67	cps
Rhodium	103-1	8630877	8626367	8221552	8492932	2.77	cps
Rhodium	103-2	5292976	5245007	5327048	5288344	0.78	cps
Scandium	45-1	5841428	5852274	5648861	5780854	1.98	cps
Scandium	45-2	545533	543168	543938	544213	0.22	cps
Selenium	82-1	9569	9553	9738	9620	1.07	cps
Selenium	77-2	797	850	940	862	8.40	cps
Selenium	78-2	3457	3077	3244	3259	5.85	cps
Silicon	28-1	2417811	2480619	2482312	2460247	1.49	cps
Silver	107-1	685459	704197	704832	698163	1.58	cps
Silver	109-1	643567	660132	663075	655591	1.60	cps
Sodium	23-2	4251852	4183317	4180325	4205165	0.96	cps
Strontium	86-1	4604922	4553305	4609552	4589260	0.68	cps
Strontium	88-1	38668035	39544431	40227996	39480154	1.98	cps
Sulfur	34-1	332465	329996	332745	331735	0.46	cps
Terbium	159-1	11055691	11056536	10595655	10902627	2.44	cps
Terbium	159-2	7529126	7259019	7447409	7411851	1.87	cps
Thallium	203-1	430747	439250	440266	436754	1.20	cps
Thallium	205-1	1032168	1055593	1065385	1051049	1.62	cps
Tin	118-1	436106	448509	448498	444371	1.61	cps
Titanium	47-1	893758	911057	911463	905426	1.12	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1334242	1374158	1377124	1361841	1.76	cps
Vanadium	51-2	233283	236979	236594	235618	0.86	cps
Yttrium	89-1	15284070	15263839	14809209	15119040	1.78	cps
Yttrium	89-2	3854608	3908942	3905079	3889543	0.78	cps
Zinc	66-2	446591	449303	448966	448287	0.33	cps
Zirconium	90-1	970194	989342	1002448	987328	1.64	cps
Zirconium	91-1	214600	220969	222133	219234	1.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	771023	763027	763410	765820	0.59	cps
Antimony	121-1	1325263	1354019	1362974	1347419	1.46	cps
Arsenic	75-2	79538	81321	80121	80327	1.13	cps
Barium	135-1	1766491	1793565	1820906	1793654	1.52	cps
Barium	137-1	2998116	3057739	3148556	3068137	2.47	cps
Beryllium	9-1	256821	262226	264266	261104	1.47	cps
Bismuth	209-1	6652264	6804025	6857242	6771177	1.57	cps
Bismuth	209-2	5395802	5347352	5316259	5353138	0.75	cps
Bromine	81-1	8883	8646	8879	8803	1.54	cps
Bromine	81-2	130	117	127	124	5.57	cps
Cadmium	108-1	25897	26695	27059	26550	2.24	cps
Cadmium	106-1	39938	40222	40653	40271	0.89	cps
Cadmium	111-1	354704	362376	362234	359772	1.22	cps
Calcium	43-1	518429	522433	529036	523299	1.02	cps
Calcium	44-1	7310070	7405302	7456335	7390569	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	690895	690802	687492	689730	0.28	cps
Cobalt	59-2	1049945	1043518	1040867	1044777	0.45	cps
Copper	63-2	7413302	7340243	7331218	7361588	0.61	cps
Dysprosium	156-1	967	1133	1053	1051	7.93	cps
Dysprosium	156-2	327	323	287	312	7.11	cps
Erbium	164-1	90	87	90	89	2.16	cps
Erbium	164-2	70	90	93	84	14.94	cps
Gadolinium	160-1	50	87	47	61	36.32	cps
Gadolinium	160-2	303	343	297	314	8.03	cps
Holmium	165-1	10958042	10949139	11005146	10970775	0.27	cps
Holmium	165-2	7640889	7704902	7680864	7675552	0.42	cps
Indium	115-1	9014190	9043063	9149788	9069014	0.79	cps
Indium	115-2	3180412	3130019	3198160	3169531	1.12	cps
Iron	56-2	28881022	28973822	29069845	28974896	0.33	cps
Iron	57-2	776566	769187	775645	773800	0.52	cps
Iron	54-2	1613668	1618050	1624989	1618902	0.35	cps
Krypton	83-1	263	340	300	301	12.73	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4870521	4993453	5255610	5039861	3.90	cps
Lead	207-1	4355346	4463770	4552318	4457145	2.21	cps
Lead	208-1	19816026	20145768	20807030	20256275	2.49	cps
Lithium	6-1	1713115	1703547	1758060	1724908	1.69	cps
Magnesium	24-2	6170426	6200760	6201020	6190735	0.28	cps
Manganese	55-2	4766962	4784405	4785813	4779060	0.22	cps
Molybdenum	94-1	5297921	5445850	5527323	5423698	2.14	cps
Molybdenum	95-1	7814555	8134029	8030428	7993004	2.04	cps
Molybdenum	96-1	8566555	8788216	8657067	8670613	1.29	cps
Molybdenum	97-1	4892384	4998439	5018018	4969614	1.36	cps
Molybdenum	98-1	12546603	12740425	12786736	12691255	1.00	cps
Neodymium	150-1	80	97	120	99	20.32	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	266119	265536	266878	266178	0.25	cps
Phosphorus	31-2	41309	40096	39768	40391	2.01	cps
Potassium	39-2	3921526	3829288	3878079	3876298	1.19	cps
Rhodium	103-1	8722725	8721690	8759850	8734755	0.25	cps
Rhodium	103-2	5440371	5356260	5448179	5414937	0.94	cps
Scandium	45-1	5833580	5939428	5933205	5902071	1.01	cps
Scandium	45-2	556978	553162	555414	555185	0.35	cps
Selenium	82-1	23924	24196	24387	24169	0.96	cps
Selenium	77-2	2497	2407	2404	2436	2.17	cps
Selenium	78-2	8116	8319	8122	8186	1.41	cps
Silicon	28-1	5097530	5176256	5198160	5157315	1.03	cps
Silver	107-1	1815938	1842690	1823014	1827214	0.76	cps
Silver	109-1	1696456	1732590	1718560	1715869	1.06	cps
Sodium	23-2	10926326	10880099	10682504	10829643	1.20	cps
Strontium	86-1	11527411	11787826	11785679	11700305	1.28	cps
Strontium	88-1	100527422	102527692	103837282	102297465	1.63	cps
Sulfur	34-1	408572	408925	409414	408970	0.10	cps
Terbium	159-1	11110332	11376402	11267608	11251447	1.19	cps
Terbium	159-2	7749418	7702494	7596479	7682797	1.02	cps
Thallium	203-1	1123345	1151209	1160498	1145017	1.69	cps
Thallium	205-1	2931919	3006204	3085100	3007741	2.55	cps
Tin	118-1	1133430	1155437	1169297	1152721	1.57	cps
Titanium	47-1	2236716	2249411	2261199	2249109	0.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3899199	4004996	4082421	3995539	2.30	cps
Vanadium	51-2	610695	605197	610773	608888	0.53	cps
Yttrium	89-1	15453725	15639274	15696299	15596433	0.81	cps
Yttrium	89-2	4012281	3989181	3976563	3992675	0.45	cps
Zinc	66-2	1173922	1160978	1165824	1166908	0.56	cps
Zirconium	90-1	2479337	2532838	2521620	2511265	1.12	cps
Zirconium	91-1	556419	570831	573860	567037	1.64	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1449102	1454677	1432018	1445265	0.82	cps
Antimony	121-1	2698245	2789835	2780745	2756275	1.83	cps
Arsenic	75-2	159530	158852	159460	159281	0.23	cps
Barium	135-1	3577822	3609089	3594496	3593802	0.44	cps
Barium	137-1	5956029	6235609	6197764	6129801	2.47	cps
Beryllium	9-1	501795	514253	515273	510441	1.47	cps
Bismuth	209-1	6808854	6953809	6753702	6838789	1.51	cps
Bismuth	209-2	5298902	5463129	5400235	5387422	1.54	cps
Bromine	81-1	9083	9026	9246	9118	1.25	cps
Bromine	81-2	113	127	123	121	5.73	cps
Cadmium	108-1	51197	52397	53378	52324	2.09	cps
Cadmium	106-1	76470	77334	77686	77163	0.81	cps
Cadmium	111-1	701177	715362	722851	713130	1.54	cps
Calcium	43-1	1028553	1055534	1059207	1047765	1.60	cps
Calcium	44-1	14612832	14932499	14743077	14762803	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1368106	1366101	1363187	1365798	0.18	cps
Cobalt	59-2	2052312	2015004	2011532	2026283	1.12	cps
Copper	63-2	14343297	14670433	14448817	14487516	1.15	cps
Dysprosium	156-1	1250	1147	1083	1160	7.25	cps
Dysprosium	156-2	413	430	427	423	2.08	cps
Erbium	164-1	117	100	130	116	13.01	cps
Erbium	164-2	53	73	70	66	16.35	cps
Gadolinium	160-1	63	67	110	80	32.54	cps
Gadolinium	160-2	330	323	343	332	3.07	cps
Holmium	165-1	11059075	11103378	11331657	11164703	1.31	cps
Holmium	165-2	7847398	7796729	7704407	7782844	0.93	cps
Indium	115-1	8934074	9100950	9182893	9072639	1.40	cps
Indium	115-2	3231088	3157224	3195973	3194762	1.16	cps
Iron	56-2	57716639	57233847	56833076	57261187	0.77	cps
Iron	57-2	1436340	1415942	1407616	1419966	1.04	cps
Iron	54-2	3218630	3232078	3185374	3212027	0.75	cps
Krypton	83-1	317	317	307	313	1.84	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9764751	10044079	10179565	9996131	2.12	cps
Lead	207-1	8772711	8974070	9067089	8937957	1.68	cps
Lead	208-1	39902877	40782001	41171998	40618959	1.60	cps
Lithium	6-1	1761039	1716190	1767831	1748353	1.60	cps
Magnesium	24-2	12222968	12353046	12343546	12306520	0.59	cps
Manganese	55-2	9445396	9540162	9418188	9467915	0.68	cps
Molybdenum	94-1	10780174	11039627	11153601	10991134	1.74	cps
Molybdenum	95-1	15899447	16190075	16271189	16120237	1.21	cps
Molybdenum	96-1	17328955	17449731	17676068	17484918	1.01	cps
Molybdenum	97-1	9782832	10029078	10028733	9946881	1.43	cps
Molybdenum	98-1	24972941	25708346	26024552	25568613	2.11	cps
Neodymium	150-1	127	137	130	131	3.88	cps
Neodymium	150-2	37	40	47	41	12.39	cps
Nickel	60-2	524247	522891	525612	524250	0.26	cps
Phosphorus	31-2	80115	80038	79702	79952	0.27	cps
Potassium	39-2	7600700	7613712	7642946	7619119	0.28	cps
Rhodium	103-1	8752727	8741989	8804800	8766505	0.38	cps
Rhodium	103-2	5410176	5432739	5470426	5437780	0.56	cps
Scandium	45-1	5973341	6009441	6003864	5995549	0.32	cps
Scandium	45-2	558436	556672	558321	557810	0.18	cps
Selenium	82-1	46825	48139	48333	47765	1.72	cps
Selenium	77-2	4657	4841	4651	4716	2.29	cps
Selenium	78-2	15792	15795	16019	15869	0.82	cps
Silicon	28-1	10273279	10340885	10419278	10344481	0.71	cps
Silver	107-1	3607173	3627993	3678127	3637764	1.00	cps
Silver	109-1	3327047	3421646	3464020	3404238	2.06	cps
Sodium	23-2	21372752	21576498	21528856	21492702	0.50	cps
Strontium	86-1	23262244	23913098	24014335	23729892	1.72	cps
Strontium	88-1	204260297	207923077	207558824	206580732	0.98	cps
Sulfur	34-1	536810	544048	539971	540276	0.67	cps
Terbium	159-1	11313067	11385302	11437709	11378693	0.55	cps
Terbium	159-2	7843510	7788624	7709029	7780388	0.87	cps
Thallium	203-1	2471628	2538062	2550339	2520009	1.68	cps
Thallium	205-1	5831735	5971274	6054109	5952372	1.89	cps
Tin	118-1	2271447	2378255	2348473	2332725	2.36	cps
Titanium	47-1	4403457	4536183	4491185	4476942	1.51	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7798419	8062685	8016386	7959163	1.77	cps
Vanadium	51-2	1216360	1214704	1214627	1215230	0.08	cps
Yttrium	89-1	15784542	16022796	16057714	15955017	0.93	cps
Yttrium	89-2	4064643	4061187	4031485	4052438	0.45	cps
Zinc	66-2	2292192	2278902	2296908	2289334	0.41	cps
Zirconium	90-1	4923415	5020918	5166955	5037096	2.43	cps
Zirconium	91-1	1123370	1149101	1151554	1141342	1.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2825708	2829643	2834314	2829888	0.15	cps
Antimony	121-1	5472396	5565917	5570598	5536304	1.00	cps
Arsenic	75-2	318452	314041	316673	316389	0.70	cps
Barium	135-1	7165206	7343542	7289298	7266015	1.26	cps
Barium	137-1	12297876	12662249	12509561	12489896	1.47	cps
Beryllium	9-1	1003316	1018089	1010269	1010558	0.73	cps
Bismuth	209-1	6869771	6873683	6902341	6881932	0.26	cps
Bismuth	209-2	5374907	5418362	5394033	5395768	0.40	cps
Bromine	81-1	9420	9346	9303	9356	0.63	cps
Bromine	81-2	123	127	117	122	4.17	cps
Cadmium	108-1	103892	105251	105990	105044	1.01	cps
Cadmium	106-1	151695	152855	152528	152359	0.39	cps
Cadmium	111-1	1421170	1434091	1439134	1431465	0.65	cps
Calcium	43-1	1954837	1980016	1976099	1970317	0.69	cps
Calcium	44-1	29473131	29826488	29605985	29635201	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2607857	2560633	2577146	2581879	0.93	cps
Cobalt	59-2	3916149	3985610	3994282	3965347	1.08	cps
Copper	63-2	28420860	28189052	28390196	28333370	0.44	cps
Dysprosium	156-1	1243	1190	1277	1237	3.54	cps
Dysprosium	156-2	567	500	533	533	6.25	cps
Erbium	164-1	137	167	157	153	9.96	cps
Erbium	164-2	67	70	93	77	18.95	cps
Gadolinium	160-1	157	90	93	113	33.15	cps
Gadolinium	160-2	340	280	317	312	9.69	cps
Holmium	165-1	11476402	11482636	11674276	11544438	0.97	cps
Holmium	165-2	7946983	7830032	7958040	7911685	0.90	cps
Indium	115-1	9167036	9204465	9128650	9166717	0.41	cps
Indium	115-2	3116075	3128863	3182466	3142468	1.12	cps
Iron	56-2	112864122	112258935	113800095	112974384	0.69	cps
Iron	57-2	2809940	2791263	2838017	2813073	0.84	cps
Iron	54-2	6354866	6267026	6212381	6278091	1.14	cps
Krypton	83-1	330	317	263	303	11.63	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20043559	20805360	21095884	20648268	2.63	cps
Lead	207-1	17984113	18567748	18582061	18377974	1.86	cps
Lead	208-1	81575119	84089602	84062955	83242558	1.73	cps
Lithium	6-1	1732914	1746253	1708433	1729200	1.11	cps
Magnesium	24-2	24036545	23758344	24083159	23959349	0.73	cps
Manganese	55-2	18875269	18734165	18695628	18768354	0.50	cps
Molybdenum	94-1	21842230	22266296	22025011	22044512	0.96	cps
Molybdenum	95-1	32214103	32950783	32147180	32437355	1.37	cps
Molybdenum	96-1	34613596	35386325	34979978	34993300	1.10	cps
Molybdenum	97-1	19906788	20125674	20279291	20103917	0.93	cps
Molybdenum	98-1	50850034	51806289	51811378	51489234	1.08	cps
Neodymium	150-1	220	350	343	304	24.05	cps
Neodymium	150-2	93	100	47	80	36.32	cps
Nickel	60-2	1021888	1017512	1022130	1020510	0.25	cps
Phosphorus	31-2	155379	153891	156043	155104	0.71	cps
Potassium	39-2	14862316	14967484	14918679	14916160	0.35	cps
Rhodium	103-1	8752025	8691898	8749288	8731070	0.39	cps
Rhodium	103-2	5410211	5400316	5382051	5397526	0.26	cps
Scandium	45-1	6032522	6068398	5985716	6028879	0.69	cps
Scandium	45-2	552129	546139	553926	550731	0.74	cps
Selenium	82-1	93300	96553	94332	94728	1.75	cps
Selenium	77-2	9016	8839	9290	9048	2.51	cps
Selenium	78-2	30709	30585	30692	30662	0.22	cps
Silicon	28-1	20259680	20444075	20289624	20331126	0.49	cps
Silver	107-1	7080396	7213148	7264462	7186002	1.32	cps
Silver	109-1	6718570	6779591	6834773	6777645	0.86	cps
Sodium	23-2	41692229	41504878	41802181	41666429	0.36	cps
Strontium	86-1	47209801	47943468	47641993	47598420	0.77	cps
Strontium	88-1	413464701	415822780	413770821	414352767	0.31	cps
Sulfur	34-1	800384	803098	790195	797892	0.85	cps
Terbium	159-1	11724453	11763621	11939486	11809187	0.97	cps
Terbium	159-2	7726792	7711601	7888518	7775637	1.26	cps
Thallium	203-1	5126060	5058344	5217848	5134084	1.56	cps
Thallium	205-1	12082674	12376945	12362402	12274007	1.35	cps
Tin	118-1	4642057	4714988	4692747	4683264	0.80	cps
Titanium	47-1	8958029	9075865	8924565	8986153	0.88	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16132771	16759141	16450057	16447323	1.90	cps
Vanadium	51-2	2302811	2281419	2268657	2284296	0.76	cps
Yttrium	89-1	16058888	16316899	16190282	16188690	0.80	cps
Yttrium	89-2	4041364	4015085	4048243	4034897	0.43	cps
Zinc	66-2	4479715	4401643	4453496	4444952	0.89	cps
Zirconium	90-1	10043266	10258585	10109446	10137099	1.09	cps
Zirconium	91-1	2217589	2251836	2236842	2235422	0.77	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5778757	5817024	5800655	5798812	0.33	cps
Antimony	121-1	11220637	11411759	11436715	11356371	1.04	cps
Arsenic	75-2	655267	653549	653542	654119	0.15	cps
Barium	135-1	14550536	14924361	15160864	14878587	2.07	cps
Barium	137-1	25237828	25358825	25587645	25394766	0.70	cps
Beryllium	9-1	1876346	1902399	1882435	1887060	0.72	cps
Bismuth	209-1	6933039	6994268	7151503	7026270	1.60	cps
Bismuth	209-2	5352285	5437218	5497240	5428914	1.34	cps
Bromine	81-1	9730	9403	9517	9550	1.74	cps
Bromine	81-2	110	80	103	98	16.11	cps
Cadmium	108-1	207554	212605	212710	210956	1.40	cps
Cadmium	106-1	299453	305579	306685	303906	1.28	cps
Cadmium	111-1	2849107	2948925	2928436	2908823	1.81	cps
Calcium	43-1	3961748	4028774	4052157	4014226	1.17	cps
Calcium	44-1	59597619	60655451	60836842	60363304	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5359234	5340268	5325980	5341827	0.31	cps
Cobalt	59-2	8069627	8202329	8170322	8147426	0.85	cps
Copper	63-2	57848431	58276104	57527859	57884131	0.65	cps
Dysprosium	156-1	1340	1407	1433	1393	3.45	cps
Dysprosium	156-2	830	843	813	829	1.81	cps
Erbium	164-1	227	220	203	217	5.55	cps
Erbium	164-2	160	150	167	159	5.28	cps
Gadolinium	160-1	140	120	203	154	28.17	cps
Gadolinium	160-2	443	430	377	417	8.47	cps
Holmium	165-1	11837151	11728206	11533401	11699586	1.32	cps
Holmium	165-2	8117521	8210587	8224503	8184203	0.71	cps
Indium	115-1	9167370	9197306	9254385	9206353	0.48	cps
Indium	115-2	3174483	3186783	3150493	3170586	0.58	cps
Iron	56-2	232448543	231245637	230612423	231435534	0.40	cps
Iron	57-2	5781485	5709584	5767179	5752749	0.66	cps
Iron	54-2	12984676	12869346	12879965	12911329	0.49	cps
Krypton	83-1	327	310	337	324	4.15	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41672614	42016471	42059335	41916140	0.51	cps
Lead	207-1	36522689	37288102	37067072	36959288	1.07	cps
Lead	208-1	166535874	169232092	169781096	168516354	1.03	cps
Lithium	6-1	1764703	1775203	1753443	1764449	0.62	cps
Magnesium	24-2	49415398	49030474	49443698	49296523	0.47	cps
Manganese	55-2	38702031	38769745	38657304	38709694	0.15	cps
Molybdenum	94-1	44135049	45218446	44995621	44783039	1.28	cps
Molybdenum	95-1	65059661	67029217	66666619	66251832	1.58	cps
Molybdenum	96-1	70468421	72610517	71928444	71669127	1.53	cps
Molybdenum	97-1	40346260	41565534	41564919	41158904	1.71	cps
Molybdenum	98-1	103430478	106020398	106313618	105254832	1.51	cps
Neodymium	150-1	553	547	607	569	5.78	cps
Neodymium	150-2	150	197	100	149	32.47	cps
Nickel	60-2	2092452	2111215	2090772	2098147	0.54	cps
Phosphorus	31-2	323781	321217	320370	321790	0.55	cps
Potassium	39-2	30684106	30805067	30423965	30637713	0.64	cps
Rhodium	103-1	8821099	8852645	8913650	8862465	0.53	cps
Rhodium	103-2	5484163	5484549	5368437	5445716	1.23	cps
Scandium	45-1	6154598	6170098	6134614	6153103	0.29	cps
Scandium	45-2	573373	573147	571173	572564	0.21	cps
Selenium	82-1	191032	193748	193678	192819	0.80	cps
Selenium	77-2	19343	18782	18582	18902	2.09	cps
Selenium	78-2	63070	63268	63177	63172	0.16	cps
Silicon	28-1	38612830	38885645	38758804	38752427	0.35	cps
Silver	107-1	14332439	14530839	14621859	14495045	1.02	cps
Silver	109-1	13355884	13640864	13728515	13575088	1.44	cps
Sodium	23-2	86363789	86869079	86499889	86577585	0.30	cps
Strontium	86-1	95312135	98152005	98042205	97168782	1.66	cps
Strontium	88-1	824105721	850361987	851631294	842033001	1.85	cps
Sulfur	34-1	1351514	1378233	1354628	1361459	1.07	cps
Terbium	159-1	12239018	11894384	11981303	12038235	1.49	cps
Terbium	159-2	8063576	8091779	8113448	8089601	0.31	cps
Thallium	203-1	10367459	10535813	10487337	10463536	0.83	cps
Thallium	205-1	24893366	25181958	24945523	25006949	0.61	cps
Tin	118-1	9471699	9666314	9823295	9653770	1.82	cps
Titanium	47-1	18275671	18484663	18444157	18401497	0.60	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33422602	33502472	33779854	33568309	0.56	cps
Vanadium	51-2	4706296	4695043	4725050	4708796	0.32	cps
Yttrium	89-1	16394041	16421298	16392557	16402632	0.10	cps
Yttrium	89-2	4134318	4130992	4088900	4118070	0.61	cps
Zinc	66-2	9028710	9200957	8979215	9069628	1.28	cps
Zirconium	90-1	20420166	20784496	20875120	20693261	1.16	cps
Zirconium	91-1	4531909	4606109	4638749	4592256	1.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30334137	30485226	30381443	30400269	0.25	cps
Antimony	121-1	8216	8346	8196	8252	0.99	cps
Arsenic	75-2	367	410	437	404	8.74	cps
Barium	135-1	6672	6381	6255	6436	3.32	cps
Barium	137-1	11158	10691	10798	10882	2.25	cps
Beryllium	9-1	273	277	210	253	14.83	cps
Bismuth	209-1	6224848	6165722	6061308	6150626	1.35	cps
Bismuth	209-2	4828550	4873962	4855044	4852519	0.47	cps
Bromine	81-1	11021	11144	10807	10991	1.55	cps
Bromine	81-2	120	123	153	132	13.89	cps
Cadmium	108-1	110	97	107	104	6.64	cps
Cadmium	106-1	3304	3370	3160	3278	3.27	cps
Cadmium	111-1	2776	2778	2604	2719	3.67	cps
Calcium	43-1	17225820	17324158	17475394	17341791	0.72	cps
Calcium	44-1	280953456	282938909	285426042	283106136	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18428	20287	18618	19111	5.35	cps
Cobalt	59-2	22100	22103	22490	22231	1.01	cps
Copper	63-2	13700	13990	13526	13739	1.71	cps
Dysprosium	156-1	1337	1353	1440	1377	4.03	cps
Dysprosium	156-2	517	587	553	552	6.34	cps
Erbium	164-1	503	503	520	509	1.89	cps
Erbium	164-2	330	367	373	357	6.54	cps
Gadolinium	160-1	427	470	380	426	10.58	cps
Gadolinium	160-2	510	480	607	532	12.44	cps
Holmium	165-1	11528197	11210149	11063193	11267180	2.11	cps
Holmium	165-2	7936880	7871322	7727587	7845263	1.36	cps
Indium	115-1	8917491	8947208	8874070	8912923	0.41	cps
Indium	115-2	3173147	3124998	3128951	3142365	0.85	cps
Iron	56-2	1133789903	1127657930	1125787557	1129078463	0.37	cps
Iron	57-2	28394889	28222454	28351295	28322879	0.32	cps
Iron	54-2	63523431	61960709	62430174	62638105	1.28	cps
Krypton	83-1	417	363	380	387	7.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7862	7462	6935	7420	6.27	cps
Lead	207-1	6812	6232	6302	6448	4.91	cps
Lead	208-1	30460	28699	28175	29111	4.11	cps
Lithium	6-1	1697483	1691848	1679184	1689505	0.55	cps
Magnesium	24-2	257930576	254789483	254785776	255835278	0.71	cps
Manganese	55-2	21539	22040	21218	21599	1.92	cps
Molybdenum	94-1	10938	10314	10577	10610	2.95	cps
Molybdenum	95-1	10317	10090	10110	10172	1.23	cps
Molybdenum	96-1	21509	20745	20685	20980	2.19	cps
Molybdenum	97-1	6602	6088	6005	6231	5.19	cps
Molybdenum	98-1	16219	14854	14401	15158	6.24	cps
Neodymium	150-1	207	243	193	214	12.07	cps
Neodymium	150-2	133	143	137	138	3.70	cps
Nickel	60-2	8476	8299	8266	8347	1.35	cps
Phosphorus	31-2	280	310	357	316	12.24	cps
Potassium	39-2	161771191	161263434	162187454	161740693	0.29	cps
Rhodium	103-1	8217095	8042242	8119563	8126300	1.08	cps
Rhodium	103-2	5105051	5039573	4961726	5035450	1.42	cps
Scandium	45-1	6248983	6206029	6128266	6194426	0.99	cps
Scandium	45-2	575613	575460	578446	576506	0.29	cps
Selenium	82-1	619	606	653	626	3.92	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	350	407	377	378	7.50	cps
Silicon	28-1	434397	424419	419628	426148	1.77	cps
Silver	107-1	2087	1990	1837	1971	6.40	cps
Silver	109-1	2067	1870	1650	1862	11.19	cps
Sodium	23-2	437082380	433769114	435278887	435376794	0.38	cps
Strontium	86-1	17828	16336	16299	16821	5.18	cps
Strontium	88-1	149979	142960	137283	143408	4.43	cps
Sulfur	34-1	266805	270173	272092	269690	0.99	cps
Terbium	159-1	11663803	11638172	11425729	11575902	1.13	cps
Terbium	159-2	7781902	7752892	7755032	7763276	0.21	cps
Thallium	203-1	1610	1303	1407	1440	10.84	cps
Thallium	205-1	3804	3457	2924	3395	13.06	cps
Tin	118-1	6048	6458	6335	6280	3.35	cps
Titanium	47-1	2767	2657	2697	2707	2.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2070	1760	1727	1852	10.22	cps
Vanadium	51-2	1190	1140	1093	1141	4.24	cps
Yttrium	89-1	16063697	16059149	15938824	16020557	0.44	cps
Yttrium	89-2	4161248	4184348	4090661	4145419	1.18	cps
Zinc	66-2	5418	5221	5554	5398	3.11	cps
Zirconium	90-1	13073	12772	12662	12836	1.65	cps
Zirconium	91-1	2647	2904	2984	2845	6.18	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151243	150684	151371	151099	0.24	cps
Antimony	121-1	2129004	2159160	2196376	2161513	1.56	cps
Arsenic	75-2	131678	131442	130925	131348	0.29	cps
Barium	135-1	260199	265751	269423	265124	1.75	cps
Barium	137-1	456851	461933	463924	460903	0.79	cps
Beryllium	9-1	195624	199475	198521	197873	1.01	cps
Bismuth	209-1	6554406	6526581	6556092	6545693	0.25	cps
Bismuth	209-2	5378029	5433368	5386187	5399195	0.55	cps
Bromine	81-1	9913	9730	9650	9764	1.38	cps
Bromine	81-2	133	177	160	157	13.95	cps
Cadmium	108-1	18746	18579	18402	18575	0.93	cps
Cadmium	106-1	28528	28952	28742	28741	0.74	cps
Cadmium	111-1	280863	287048	287960	285290	1.35	cps
Calcium	43-1	69552	71266	71464	70761	1.49	cps
Calcium	44-1	1151081	1179959	1193508	1174849	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	569760	570873	567433	569355	0.31	cps
Cobalt	59-2	868510	857927	861480	862639	0.62	cps
Copper	63-2	579473	579071	580940	579828	0.17	cps
Dysprosium	156-1	870	877	937	894	4.11	cps
Dysprosium	156-2	230	213	190	211	9.52	cps
Erbium	164-1	100	57	80	79	27.49	cps
Erbium	164-2	57	50	63	57	11.76	cps
Gadolinium	160-1	50	33	53	46	23.52	cps
Gadolinium	160-2	290	297	333	307	7.61	cps
Holmium	165-1	10690473	10852452	10858971	10800632	0.88	cps
Holmium	165-2	7771299	7692702	7781116	7748372	0.63	cps
Indium	115-1	9270545	9136373	9132872	9179930	0.86	cps
Indium	115-2	3312433	3248375	3306772	3289193	1.08	cps
Iron	56-2	9266474	9259927	9154919	9227107	0.68	cps
Iron	57-2	247767	247557	247123	247482	0.13	cps
Iron	54-2	568960	567348	563765	566691	0.47	cps
Krypton	83-1	283	393	283	320	19.85	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1511211	1534015	1531853	1525693	0.83	cps
Lead	207-1	1262114	1288367	1293217	1281233	1.31	cps
Lead	208-1	6231812	6245630	6310901	6262781	0.67	cps
Lithium	6-1	1664452	1647706	1662941	1658366	0.56	cps
Magnesium	24-2	626144	626665	624586	625798	0.17	cps
Manganese	55-2	407138	406276	406855	406756	0.11	cps
Molybdenum	94-1	3901	3267	3157	3442	11.66	cps
Molybdenum	95-1	733	787	847	789	7.19	cps
Molybdenum	96-1	1577	1513	1440	1510	4.53	cps
Molybdenum	97-1	420	427	463	437	5.34	cps
Molybdenum	98-1	1097	1203	1227	1176	5.90	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	220745	219679	219076	219833	0.38	cps
Phosphorus	31-2	170	177	187	178	4.72	cps
Potassium	39-2	1272255	1275356	1278956	1275522	0.26	cps
Rhodium	103-1	8721690	8825784	8923439	8823638	1.14	cps
Rhodium	103-2	5623208	5662701	5673351	5653087	0.47	cps
Scandium	45-1	5920761	5926983	6037301	5961682	1.10	cps
Scandium	45-2	577228	580061	576380	577890	0.33	cps
Selenium	82-1	38499	39168	39065	38911	0.93	cps
Selenium	77-2	3924	3784	3914	3874	2.02	cps
Selenium	78-2	13496	13640	13389	13508	0.93	cps
Silicon	28-1	348340	352882	357225	352816	1.26	cps
Silver	107-1	684093	693239	704050	693794	1.44	cps
Silver	109-1	635713	655409	663617	651580	2.20	cps
Sodium	23-2	1712721	1710279	1698081	1707027	0.46	cps
Strontium	86-1	1807	1800	2060	1889	7.85	cps
Strontium	88-1	12722	12729	13099	12850	1.68	cps
Sulfur	34-1	278651	280979	278326	279319	0.52	cps
Terbium	159-1	11179337	11087499	11090372	11119070	0.47	cps
Terbium	159-2	7591992	7625565	7666349	7627968	0.49	cps
Thallium	203-1	2085608	2127330	2075943	2096294	1.30	cps
Thallium	205-1	4928700	5077438	4997181	5001106	1.49	cps
Tin	118-1	2757	2737	2714	2736	0.79	cps
Titanium	47-1	470	513	523	502	5.65	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	267	283	233	261	9.75	cps
Vanadium	51-2	489978	486245	487491	487904	0.39	cps
Yttrium	89-1	15765909	15695370	15940780	15800686	0.80	cps
Yttrium	89-2	4146316	4197357	4165650	4169774	0.62	cps
Zinc	66-2	186874	186132	185081	186029	0.48	cps
Zirconium	90-1	9923	7789	6962	8225	18.58	cps
Zirconium	91-1	2330	1837	1743	1970	16.00	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	877	913	767	852	8.96	cps
Antimony	121-1	1453	1557	1850	1620	12.70	cps
Arsenic	75-2	23	10	33	22	52.68	cps
Barium	135-1	180	163	187	177	6.80	cps
Barium	137-1	373	417	360	383	7.73	cps
Beryllium	9-1	90	100	77	89	13.17	cps
Bismuth	209-1	6742006	6779322	6668852	6730060	0.83	cps
Bismuth	209-2	5474284	5461818	5373159	5436420	1.01	cps
Bromine	81-1	10154	9950	9637	9913	2.63	cps
Bromine	81-2	160	150	167	159	5.28	cps
Cadmium	108-1	10	10	0	7	86.60	cps
Cadmium	106-1	3307	3150	3094	3184	3.47	cps
Cadmium	111-1	2331	2238	2209	2259	2.83	cps
Calcium	43-1	683	593	617	631	7.40	cps
Calcium	44-1	29977	30101	29293	29790	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1570	1437	1380	1462	6.67	cps
Cobalt	59-2	293	263	340	299	12.93	cps
Copper	63-2	2140	1950	1890	1993	6.55	cps
Dysprosium	156-1	850	850	807	836	2.99	cps
Dysprosium	156-2	187	190	137	171	17.46	cps
Erbium	164-1	93	77	63	78	19.33	cps
Erbium	164-2	40	60	53	51	19.92	cps
Gadolinium	160-1	60	33	63	52	31.49	cps
Gadolinium	160-2	293	287	273	284	3.58	cps
Holmium	165-1	10803440	10827345	10848429	10826405	0.21	cps
Holmium	165-2	7883065	7714358	7682370	7759931	1.39	cps
Indium	115-1	9121937	9193910	9183219	9166356	0.42	cps
Indium	115-2	3349243	3306741	3297454	3317813	0.83	cps
Iron	56-2	41835	41975	41129	41646	1.09	cps
Iron	57-2	2384	2557	2537	2492	3.81	cps
Iron	54-2	3921	3831	4001	3917	2.17	cps
Krypton	83-1	317	280	250	282	11.83	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	930	933	777	880	10.17	cps
Lead	207-1	840	797	657	764	12.53	cps
Lead	208-1	3607	3597	3270	3491	5.49	cps
Lithium	6-1	1649174	1668106	1674523	1663934	0.79	cps
Magnesium	24-2	1843	1620	1877	1780	7.84	cps
Manganese	55-2	1433	1367	1260	1353	6.46	cps
Molybdenum	94-1	1370	1250	1237	1286	5.71	cps
Molybdenum	95-1	407	357	460	408	12.67	cps
Molybdenum	96-1	603	640	707	650	8.06	cps
Molybdenum	97-1	187	243	233	221	13.68	cps
Molybdenum	98-1	563	523	637	574	10.01	cps
Neodymium	150-1	0	23	17	13	90.13	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	323	297	360	327	9.73	cps
Phosphorus	31-2	223	180	177	193	13.47	cps
Potassium	39-2	82308	82797	82653	82586	0.30	cps
Rhodium	103-1	8963810	8939686	8981654	8961717	0.24	cps
Rhodium	103-2	5676948	5635401	5647279	5653209	0.38	cps
Scandium	45-1	6059457	6181954	6095627	6112346	1.03	cps
Scandium	45-2	578228	574779	573929	575645	0.40	cps
Selenium	82-1	455	536	559	517	10.56	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	390	387	383	387	0.86	cps
Silicon	28-1	342521	344639	346787	344649	0.62	cps
Silver	107-1	533	507	507	516	2.99	cps
Silver	109-1	487	397	307	397	22.69	cps
Sodium	23-2	47624	47516	47650	47597	0.15	cps
Strontium	86-1	720	707	703	710	1.24	cps
Strontium	88-1	2657	2327	2564	2516	6.76	cps
Sulfur	34-1	280488	279272	280541	280101	0.26	cps
Terbium	159-1	11074374	11124847	11148637	11115953	0.34	cps
Terbium	159-2	7792267	7711057	7844279	7782534	0.86	cps
Thallium	203-1	713	617	543	624	13.66	cps
Thallium	205-1	1627	1563	1443	1545	6.03	cps
Tin	118-1	2424	2470	2547	2480	2.51	cps
Titanium	47-1	240	303	290	278	12.02	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	127	147	130	134	7.97	cps
Vanadium	51-2	87	70	90	82	13.03	cps
Yttrium	89-1	15923598	16014677	15993061	15977112	0.30	cps
Yttrium	89-2	4180208	4193657	4177371	4183745	0.21	cps
Zinc	66-2	1463	1363	1417	1415	3.54	cps
Zirconium	90-1	2947	2874	2830	2884	2.05	cps
Zirconium	91-1	710	727	670	702	4.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26856384	26780408	27051136	26895976	0.52	cps
Antimony	121-1	12205	12896	12949	12683	3.27	cps
Arsenic	75-2	247	180	190	206	17.49	cps
Barium	135-1	4011	3974	4067	4017	1.17	cps
Barium	137-1	6825	7292	7005	7041	3.34	cps
Beryllium	9-1	627	563	577	589	5.67	cps
Bismuth	209-1	6522918	6682171	6689872	6631654	1.42	cps
Bismuth	209-2	5195258	5265873	5337716	5266282	1.35	cps
Bromine	81-1	10991	11188	11104	11094	0.89	cps
Bromine	81-2	217	247	253	239	8.18	cps
Cadmium	108-1	1587	1527	1663	1592	4.30	cps
Cadmium	106-1	3210	3064	3144	3139	2.34	cps
Cadmium	111-1	3013	3159	2960	3044	3.39	cps
Calcium	43-1	3292264	3319915	3316768	3309649	0.46	cps
Calcium	44-1	53567014	53852913	54255899	53891942	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111501	111186	110306	110998	0.56	cps
Cobalt	59-2	10714	10741	10621	10692	0.59	cps
Copper	63-2	43941	44329	44225	44165	0.45	cps
Dysprosium	156-1	837	780	733	783	6.61	cps
Dysprosium	156-2	150	197	203	183	15.85	cps
Erbium	164-1	117	133	120	123	7.15	cps
Erbium	164-2	87	70	70	76	12.74	cps
Gadolinium	160-1	87	97	110	98	11.97	cps
Gadolinium	160-2	293	323	317	311	5.06	cps
Holmium	165-1	11121354	11539615	11498744	11386571	2.03	cps
Holmium	165-2	8078194	8028763	8102881	8069946	0.47	cps
Indium	115-1	8894001	9049723	9389745	9111156	2.78	cps
Indium	115-2	3238216	3272435	3245255	3251968	0.56	cps
Iron	56-2	454966353	451957833	451766167	452896784	0.40	cps
Iron	57-2	11311355	11316768	11157570	11261898	0.80	cps
Iron	54-2	25161983	24913509	24968305	25014599	0.52	cps
Krypton	83-1	270	320	293	294	8.50	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33752	33922	34571	34082	1.27	cps
Lead	207-1	26626	26870	26386	26627	0.91	cps
Lead	208-1	125530	128316	127050	126965	1.10	cps
Lithium	6-1	1693037	1696519	1707790	1699115	0.45	cps
Magnesium	24-2	48250628	47823241	47934226	48002698	0.46	cps
Manganese	55-2	32722	32956	33053	32910	0.52	cps
Molybdenum	94-1	6335116	6349464	6461186	6381922	1.08	cps
Molybdenum	95-1	11053121	11241884	11386362	11227123	1.49	cps
Molybdenum	96-1	11879563	11969632	12208493	12019229	1.41	cps
Molybdenum	97-1	6903675	6948004	7033477	6961719	0.95	cps
Molybdenum	98-1	17832434	17885023	17932846	17883434	0.28	cps
Neodymium	150-1	57	53	63	58	8.81	cps
Neodymium	150-2	20	43	17	27	54.47	cps
Nickel	60-2	11648	11181	11368	11399	2.06	cps
Phosphorus	31-2	1454686	1489709	1490247	1478214	1.38	cps
Potassium	39-2	59854941	59710636	60114664	59893414	0.34	cps
Rhodium	103-1	8434969	8585611	8714040	8578207	1.63	cps
Rhodium	103-2	5365173	5518131	5364892	5416065	1.63	cps
Scandium	45-1	6072406	6084935	6220744	6126029	1.34	cps
Scandium	45-2	574328	577708	580402	577480	0.53	cps
Selenium	82-1	598	584	602	594	1.60	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	407	337	407	383	10.54	cps
Silicon	28-1	472947	476363	483621	477644	1.14	cps
Silver	107-1	1233	1033	1093	1120	9.16	cps
Silver	109-1	1080	1027	1020	1042	3.16	cps
Sodium	23-2	83287040	82947867	83660440	83298449	0.43	cps
Strontium	86-1	130025	130660	131837	130841	0.70	cps
Strontium	88-1	1118861	1139421	1142476	1133586	1.13	cps
Sulfur	34-1	5229494	5292673	5339736	5287301	1.05	cps
Terbium	159-1	11366751	11607228	11708004	11560661	1.52	cps
Terbium	159-2	7979943	8090183	7987473	8019200	0.77	cps
Thallium	203-1	1247	1250	1200	1232	2.27	cps
Thallium	205-1	2637	2807	3000	2815	6.46	cps
Tin	118-1	3814	3570	3751	3712	3.40	cps
Titanium	47-1	3217014	3271689	3285417	3258040	1.11	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	647	623	653	641	2.46	cps
Vanadium	51-2	1027	950	1007	994	4.00	cps
Yttrium	89-1	15804903	16157156	16388759	16116939	1.82	cps
Yttrium	89-2	4211752	4249540	4260642	4240645	0.60	cps
Zinc	66-2	11474	11658	11361	11498	1.30	cps
Zirconium	90-1	5511	5765	6038	5771	4.57	cps
Zirconium	91-1	1090	1223	1423	1246	13.47	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27076740	27158718	26720749	26985402	0.86	cps
Antimony	121-1	224259	230908	234133	229767	2.19	cps
Arsenic	75-2	12879	12959	13293	13044	1.68	cps
Barium	135-1	58135	58861	59581	58859	1.23	cps
Barium	137-1	100451	102657	102184	101764	1.14	cps
Beryllium	9-1	39881	40797	40907	40528	1.39	cps
Bismuth	209-1	6644293	6798032	6863756	6768694	1.66	cps
Bismuth	209-2	5291888	5298777	5223770	5271478	0.79	cps
Bromine	81-1	11241	11425	11791	11486	2.44	cps
Bromine	81-2	313	310	280	301	6.10	cps
Cadmium	108-1	5104	5154	5064	5108	0.88	cps
Cadmium	106-1	8062	8056	8289	8136	1.63	cps
Cadmium	111-1	57854	58206	58422	58161	0.49	cps
Calcium	43-1	3289468	3387469	3450200	3375712	2.40	cps
Calcium	44-1	53364763	55302453	55895899	54854371	2.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223941	221679	222358	222660	0.52	cps
Cobalt	59-2	175051	175131	174913	175032	0.06	cps
Copper	63-2	154505	156546	153451	154834	1.02	cps
Dysprosium	156-1	727	690	790	736	6.88	cps
Dysprosium	156-2	180	213	133	176	22.89	cps
Erbium	164-1	120	137	117	124	8.61	cps
Erbium	164-2	87	90	100	92	7.52	cps
Gadolinium	160-1	60	97	87	81	23.37	cps
Gadolinium	160-2	300	327	310	312	4.31	cps
Holmium	165-1	11631766	11609996	11825026	11688930	1.01	cps
Holmium	165-2	8155475	8201798	7997596	8118290	1.32	cps
Indium	115-1	9387030	9452473	9435658	9425054	0.36	cps
Indium	115-2	3309829	3320997	3323779	3318202	0.22	cps
Iron	56-2	462604953	462678246	455731367	460338189	0.87	cps
Iron	57-2	11488478	11286299	11271118	11348632	1.07	cps
Iron	54-2	25445140	25434705	25223715	25367854	0.49	cps
Krypton	83-1	307	293	323	308	4.88	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	194245	196911	198380	196512	1.07	cps
Lead	207-1	167488	168069	169264	168274	0.54	cps
Lead	208-1	760877	774049	780224	771717	1.28	cps
Lithium	6-1	1697323	1699540	1752018	1716294	1.80	cps
Magnesium	24-2	49057839	48402698	48448099	48636212	0.75	cps
Manganese	55-2	112628	112953	110733	112105	1.07	cps
Molybdenum	94-1	6424783	6482603	6405505	6437630	0.62	cps
Molybdenum	95-1	11311312	11563456	11638686	11504485	1.49	cps
Molybdenum	96-1	12202141	12355068	12427264	12328158	0.93	cps
Molybdenum	97-1	7023236	7141961	7161392	7108863	1.05	cps
Molybdenum	98-1	17999848	18257960	18323729	18193846	0.94	cps
Neodymium	150-1	100	40	70	70	42.86	cps
Neodymium	150-2	43	53	20	39	43.98	cps
Nickel	60-2	52987	52876	53107	52990	0.22	cps
Phosphorus	31-2	1507029	1497575	1533171	1512592	1.22	cps
Potassium	39-2	60919509	61052706	61512327	61161514	0.51	cps
Rhodium	103-1	8795203	8669493	8813889	8759528	0.90	cps
Rhodium	103-2	5553098	5550799	5533290	5545729	0.20	cps
Scandium	45-1	6090947	6252052	6257741	6200247	1.53	cps
Scandium	45-2	589334	589552	585731	588206	0.36	cps
Selenium	82-1	4122	4257	4247	4209	1.78	cps
Selenium	77-2	360	367	417	381	8.13	cps
Selenium	78-2	1580	1623	1690	1631	3.40	cps
Silicon	28-1	481338	496974	503407	493907	2.30	cps
Silver	107-1	261425	269865	273855	268382	2.36	cps
Silver	109-1	247753	253702	255311	252255	1.58	cps
Sodium	23-2	84736500	83895969	84019247	84217239	0.54	cps
Strontium	86-1	131286	134393	135180	133620	1.54	cps
Strontium	88-1	1136611	1170128	1179851	1162197	1.95	cps
Sulfur	34-1	5176455	5425237	5391337	5331010	2.53	cps
Terbium	159-1	11774456	11887681	11875926	11846021	0.53	cps
Terbium	159-2	8008315	8055971	8110857	8058381	0.64	cps
Thallium	203-1	201196	206812	207576	205195	1.70	cps
Thallium	205-1	481562	494642	495582	490595	1.60	cps
Tin	118-1	3681	3704	11159	6181	69.75	cps
Titanium	47-1	3250309	3345887	3391592	3329263	2.17	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	670	593	660	641	6.50	cps
Vanadium	51-2	97861	97318	98193	97791	0.45	cps
Yttrium	89-1	16529869	16387601	16597261	16504911	0.65	cps
Yttrium	89-2	4223522	4199917	4215567	4213002	0.29	cps
Zinc	66-2	30000	29546	29342	29629	1.14	cps
Zirconium	90-1	2104	2380	2550	2345	9.62	cps
Zirconium	91-1	547	500	517	521	4.54	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15859373	15941339	15904176	15901629	0.26	cps
Antimony	121-1	5651095	5828464	5811541	5763700	1.70	cps
Arsenic	75-2	330474	330357	327986	329606	0.43	cps
Barium	135-1	7502955	7576471	7491973	7523799	0.61	cps
Barium	137-1	12747631	13007774	12849392	12868265	1.02	cps
Beryllium	9-1	989140	1008873	1010842	1002952	1.20	cps
Bismuth	209-1	6668269	6722921	6683149	6691446	0.42	cps
Bismuth	209-2	5176693	5260899	5208911	5215501	0.81	cps
Bromine	81-1	10714	10914	10654	10761	1.27	cps
Bromine	81-2	117	133	100	117	14.29	cps
Cadmium	108-1	111165	113446	113721	112777	1.24	cps
Cadmium	106-1	159390	162679	165369	162480	1.84	cps
Cadmium	111-1	1501964	1538571	1547686	1529407	1.58	cps
Calcium	43-1	8779295	9055722	9045416	8960144	1.75	cps
Calcium	44-1	141646935	144601578	146780228	144342913	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2769797	2758733	2780740	2769757	0.40	cps
Cobalt	59-2	4513124	4450805	4481347	4481759	0.70	cps
Copper	63-2	30747906	30747313	30755852	30750357	0.02	cps
Dysprosium	156-1	1117	1090	1043	1083	3.43	cps
Dysprosium	156-2	667	607	660	644	5.10	cps
Erbium	164-1	337	340	273	317	11.86	cps
Erbium	164-2	180	280	190	217	25.42	cps
Gadolinium	160-1	243	240	297	260	12.23	cps
Gadolinium	160-2	357	427	433	406	10.47	cps
Holmium	165-1	11736536	11741702	11820509	11766249	0.40	cps
Holmium	165-2	8137232	8145544	8230031	8170935	0.63	cps
Indium	115-1	9404151	9525946	9286904	9405667	1.27	cps
Indium	115-2	3308995	3271845	3234579	3271806	1.14	cps
Iron	56-2	592710405	590045645	586987751	589914600	0.49	cps
Iron	57-2	14487241	14693453	14612688	14597794	0.71	cps
Iron	54-2	32299389	32611272	32074222	32328294	0.83	cps
Krypton	83-1	340	350	420	370	11.78	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19974103	20867547	20312568	20384739	2.21	cps
Lead	207-1	17459351	18192965	17843346	17831887	2.06	cps
Lead	208-1	79775957	83265148	81237532	81426212	2.15	cps
Lithium	6-1	1703687	1708508	1721697	1711297	0.54	cps
Magnesium	24-2	129017305	129330395	128914765	129087488	0.17	cps
Manganese	55-2	19879386	19991440	19891257	19920694	0.31	cps
Molybdenum	94-1	22685838	23153243	23279052	23039378	1.36	cps
Molybdenum	95-1	33196945	34304611	34483185	33994914	2.05	cps
Molybdenum	96-1	36054945	37021694	37114490	36730377	1.60	cps
Molybdenum	97-1	20707135	21180326	21284690	21057383	1.46	cps
Molybdenum	98-1	52969181	54464379	54366414	53933325	1.55	cps
Neodymium	150-1	430	400	363	398	8.39	cps
Neodymium	150-2	130	120	103	118	11.44	cps
Nickel	60-2	1121726	1133591	1121754	1125690	0.61	cps
Phosphorus	31-2	167529	169163	167883	168192	0.51	cps
Potassium	39-2	80577937	80613495	80606027	80599153	0.02	cps
Rhodium	103-1	8801203	8787606	8781852	8790220	0.11	cps
Rhodium	103-2	5388806	5464425	5384718	5412650	0.83	cps
Scandium	45-1	6329577	6426792	6491467	6415945	1.27	cps
Scandium	45-2	604645	608384	605137	606055	0.34	cps
Selenium	82-1	93695	95954	95426	95025	1.24	cps
Selenium	77-2	8999	9577	9496	9357	3.34	cps
Selenium	78-2	31791	30795	31891	31492	1.92	cps
Silicon	28-1	26663945	27278460	27332510	27091638	1.37	cps
Silver	107-1	7119365	7150153	7224498	7164672	0.75	cps
Silver	109-1	6625098	6769908	6725907	6706971	1.11	cps
Sodium	23-2	220114457	221640857	220990510	220915274	0.35	cps
Strontium	86-1	48646058	50035258	50214304	49631873	1.73	cps
Strontium	88-1	422427220	437642593	438520287	432863367	2.09	cps
Sulfur	34-1	801753	809186	808660	806533	0.51	cps
Terbium	159-1	12003122	12306915	12053519	12121186	1.34	cps
Terbium	159-2	8125991	7989463	8042452	8052635	0.85	cps
Thallium	203-1	5087434	5133348	5109506	5110096	0.45	cps
Thallium	205-1	12128062	12299830	11952962	12126952	1.43	cps
Tin	118-1	4809538	4805009	4832618	4815722	0.31	cps
Titanium	47-1	9317273	9556273	9627879	9500475	1.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16480855	16995981	16486858	16654564	1.78	cps
Vanadium	51-2	2484261	2498019	2490518	2490933	0.28	cps
Yttrium	89-1	16986195	17118893	17174825	17093304	0.57	cps
Yttrium	89-2	4308945	4342983	4355943	4335957	0.56	cps
Zinc	66-2	4718541	4765972	4747289	4743934	0.50	cps
Zirconium	90-1	10556879	10808214	10826181	10730424	1.40	cps
Zirconium	91-1	2371356	2397343	2406102	2391600	0.76	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1627	1583	1650	1620	2.09	cps
Antimony	121-1	4431	4534	4801	4589	4.16	cps
Arsenic	75-2	20	27	30	26	19.92	cps
Barium	135-1	630	470	483	528	16.82	cps
Barium	137-1	857	823	950	877	7.49	cps
Beryllium	9-1	163	100	457	240	79.30	cps
Bismuth	209-1	6921863	6783442	6967483	6890929	1.39	cps
Bismuth	209-2	5521569	5558323	5549977	5543290	0.35	cps
Bromine	81-1	10577	10781	10871	10743	1.40	cps
Bromine	81-2	210	123	153	162	27.13	cps
Cadmium	108-1	17	20	13	17	20.01	cps
Cadmium	106-1	3414	3287	3277	3326	2.29	cps
Cadmium	111-1	2541	2504	2435	2493	2.17	cps
Calcium	43-1	1143	1013	2680	1612	57.49	cps
Calcium	44-1	37975	36011	59821	44602	29.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1497	1553	1470	1507	2.82	cps
Cobalt	59-2	427	457	453	446	3.69	cps
Copper	63-2	3961	4161	4014	4045	2.56	cps
Dysprosium	156-1	653	687	580	640	8.53	cps
Dysprosium	156-2	87	93	143	108	28.74	cps
Erbium	164-1	90	97	67	84	18.65	cps
Erbium	164-2	43	47	70	53	27.24	cps
Gadolinium	160-1	80	77	43	67	30.42	cps
Gadolinium	160-2	337	263	297	299	12.28	cps
Holmium	165-1	11186607	11120954	11100328	11135963	0.40	cps
Holmium	165-2	7965760	7973881	7939987	7959876	0.22	cps
Indium	115-1	9379673	9450331	9629038	9486347	1.35	cps
Indium	115-2	3332170	3326785	3329011	3329322	0.08	cps
Iron	56-2	69898	72393	74738	72343	3.35	cps
Iron	57-2	3014	3177	3340	3177	5.14	cps
Iron	54-2	5468	5751	5851	5690	3.50	cps
Krypton	83-1	300	263	327	297	10.72	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2084	1994	1767	1948	8.38	cps
Lead	207-1	1863	1783	1710	1786	4.30	cps
Lead	208-1	8444	7851	7698	7998	4.93	cps
Lithium	6-1	1635224	1693455	1716715	1681798	2.50	cps
Magnesium	24-2	6605	6935	7665	7068	7.68	cps
Manganese	55-2	2003	2140	2164	2102	4.11	cps
Molybdenum	94-1	5154	3947	4081	4394	15.06	cps
Molybdenum	95-1	2510	2377	2690	2526	6.23	cps
Molybdenum	96-1	3254	2977	3577	3269	9.19	cps
Molybdenum	97-1	1667	1517	1794	1659	8.35	cps
Molybdenum	98-1	4067	3994	4238	4100	3.05	cps
Neodymium	150-1	20	10	13	14	35.26	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	373	407	410	397	5.11	cps
Phosphorus	31-2	207	203	180	197	7.39	cps
Potassium	39-2	93867	93515	92425	93269	0.81	cps
Rhodium	103-1	9062343	9046289	9167736	9092123	0.73	cps
Rhodium	103-2	5742724	5684194	5709020	5711979	0.51	cps
Scandium	45-1	6091886	6104821	6190600	6129102	0.88	cps
Scandium	45-2	575738	571162	570755	572552	0.48	cps
Selenium	82-1	462	531	498	497	6.93	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	453	413	393	420	7.27	cps
Silicon	28-1	349849	350870	356709	352476	1.05	cps
Silver	107-1	1407	1267	923	1199	20.74	cps
Silver	109-1	1190	950	863	1001	16.90	cps
Sodium	23-2	62951	63316	63042	63103	0.30	cps
Strontium	86-1	3000	2340	3586	2976	20.95	cps
Strontium	88-1	20484	17157	26830	21490	22.87	cps
Sulfur	34-1	261544	262421	262583	262183	0.21	cps
Terbium	159-1	11136432	11609819	11634867	11460373	2.45	cps
Terbium	159-2	7877383	7900686	7832619	7870229	0.44	cps
Thallium	203-1	1193	1137	1003	1111	8.78	cps
Thallium	205-1	2957	2860	2594	2804	6.71	cps
Tin	118-1	3327	3414	3627	3456	4.47	cps
Titanium	47-1	783	850	2259	1298	64.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	757	680	5385	2274	118.50	cps
Vanadium	51-2	210	207	170	196	11.35	cps
Yttrium	89-1	16226489	16319655	16283823	16276655	0.29	cps
Yttrium	89-2	4279275	4160711	4228331	4222772	1.41	cps
Zinc	66-2	1723	1620	1710	1685	3.34	cps
Zirconium	90-1	9853	7435	7152	8147	18.22	cps
Zirconium	91-1	2003	1783	1620	1802	10.67	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1827	1703	1767	1766	3.49	cps
Antimony	121-1	917	1113	1240	1090	14.95	cps
Arsenic	75-2	20	10	3	11	75.52	cps
Barium	135-1	253	237	267	252	5.96	cps
Barium	137-1	450	347	357	384	14.82	cps
Beryllium	9-1	87	93	67	82	16.87	cps
Bismuth	209-1	6683691	6717281	6725211	6708727	0.33	cps
Bismuth	209-2	5427208	5480466	5400922	5436198	0.75	cps
Bromine	81-1	10234	9920	10367	10174	2.26	cps
Bromine	81-2	107	63	137	102	36.07	cps
Cadmium	108-1	17	23	33	24	34.31	cps
Cadmium	106-1	3417	3120	3367	3302	4.81	cps
Cadmium	111-1	2444	2231	2367	2347	4.58	cps
Calcium	43-1	700	707	750	719	3.78	cps
Calcium	44-1	31430	31808	31220	31486	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1467	1413	1470	1450	2.19	cps
Cobalt	59-2	293	337	237	289	17.36	cps
Copper	63-2	2854	2797	2614	2755	4.55	cps
Dysprosium	156-1	683	583	693	653	9.31	cps
Dysprosium	156-2	160	133	163	152	10.80	cps
Erbium	164-1	50	70	90	70	28.57	cps
Erbium	164-2	33	50	33	39	24.75	cps
Gadolinium	160-1	50	43	63	52	19.50	cps
Gadolinium	160-2	290	263	333	296	11.95	cps
Holmium	165-1	10940103	10940504	11131991	11004199	1.01	cps
Holmium	165-2	7825476	7852641	7708944	7795687	0.98	cps
Indium	115-1	9346905	9418127	9405907	9390313	0.41	cps
Indium	115-2	3340942	3298314	3242991	3294082	1.49	cps
Iron	56-2	47602	47628	46452	47227	1.42	cps
Iron	57-2	2727	2624	2747	2699	2.45	cps
Iron	54-2	4401	3967	3974	4114	6.04	cps
Krypton	83-1	333	270	327	310	11.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1073	967	1090	1043	6.41	cps
Lead	207-1	973	847	880	900	7.30	cps
Lead	208-1	4284	3954	4167	4135	4.05	cps
Lithium	6-1	1645831	1650310	1675466	1657202	0.96	cps
Magnesium	24-2	2547	2524	2454	2508	1.94	cps
Manganese	55-2	1520	1380	1497	1466	5.12	cps
Molybdenum	94-1	1383	1360	1343	1362	1.47	cps
Molybdenum	95-1	653	610	653	639	3.92	cps
Molybdenum	96-1	887	823	893	868	4.45	cps
Molybdenum	97-1	463	317	420	400	18.84	cps
Molybdenum	98-1	853	1023	1043	973	10.73	cps
Neodymium	150-1	10	17	13	13	25.01	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	353	357	330	347	4.19	cps
Phosphorus	31-2	190	210	200	200	5.00	cps
Potassium	39-2	87808	86035	87858	87234	1.19	cps
Rhodium	103-1	9012656	8885823	9083660	8994046	1.11	cps
Rhodium	103-2	5723670	5618593	5566941	5636401	1.42	cps
Scandium	45-1	6051609	6038142	6151347	6080366	1.02	cps
Scandium	45-2	574199	570373	571495	572022	0.34	cps
Selenium	82-1	456	510	494	487	5.78	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	350	423	367	380	10.12	cps
Silicon	28-1	338782	345612	343331	342575	1.01	cps
Silver	107-1	260	333	367	320	17.05	cps
Silver	109-1	240	217	253	237	7.84	cps
Sodium	23-2	52947	52188	52205	52447	0.83	cps
Strontium	86-1	1103	800	1003	969	15.95	cps
Strontium	88-1	4024	3774	3777	3858	3.72	cps
Sulfur	34-1	272509	269935	271335	271260	0.48	cps
Terbium	159-1	11299379	11443868	11345758	11363001	0.65	cps
Terbium	159-2	7841745	7708127	7590151	7713341	1.63	cps
Thallium	203-1	703	657	643	668	4.72	cps
Thallium	205-1	1513	1437	1553	1501	3.95	cps
Tin	118-1	2524	2647	2647	2606	2.73	cps
Titanium	47-1	357	330	400	362	9.75	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	157	147	167	157	6.38	cps
Vanadium	51-2	83	77	67	76	11.10	cps
Yttrium	89-1	16077456	16099399	16321546	16166134	0.84	cps
Yttrium	89-2	4169986	4180192	4148565	4166248	0.39	cps
Zinc	66-2	1637	1593	1583	1605	1.77	cps
Zirconium	90-1	2947	2697	2680	2775	5.38	cps
Zirconium	91-1	597	510	623	577	10.28	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13486	13082	13343	13304	1.54	cps
Antimony	121-1	43178	44215	44622	44005	1.69	cps
Arsenic	75-2	1367	1263	1453	1361	6.99	cps
Barium	135-1	52808	53885	53360	53351	1.01	cps
Barium	137-1	90935	92720	92686	92114	1.11	cps
Beryllium	9-1	4017	4117	3831	3988	3.65	cps
Bismuth	209-1	6699737	6705293	6760424	6721818	0.50	cps
Bismuth	209-2	5492890	5391224	5450392	5444835	0.94	cps
Bromine	81-1	9920	9850	10427	10066	3.13	cps
Bromine	81-2	163	137	110	137	19.51	cps
Cadmium	108-1	497	520	550	522	5.12	cps
Cadmium	106-1	3921	3674	3847	3814	3.32	cps
Cadmium	111-1	9078	8829	9036	8981	1.48	cps
Calcium	43-1	35471	36504	35986	35987	1.43	cps
Calcium	44-1	598886	613397	614517	608933	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26470	26674	26584	26576	0.38	cps
Cobalt	59-2	17680	17897	17480	17686	1.18	cps
Copper	63-2	28614	28801	28951	28789	0.59	cps
Dysprosium	156-1	667	667	580	638	7.85	cps
Dysprosium	156-2	167	183	157	169	7.98	cps
Erbium	164-1	90	117	47	84	41.84	cps
Erbium	164-2	57	50	57	54	7.07	cps
Gadolinium	160-1	47	40	53	47	14.28	cps
Gadolinium	160-2	290	270	337	299	11.44	cps
Holmium	165-1	10907658	11069770	11073468	11016965	0.86	cps
Holmium	165-2	7859618	7781116	7827821	7822851	0.50	cps
Indium	115-1	9255798	9469254	9376592	9367215	1.14	cps
Indium	115-2	3280856	3333607	3295199	3303221	0.83	cps
Iron	56-2	1944491	1961929	1947387	1951269	0.48	cps
Iron	57-2	53682	53020	53719	53474	0.74	cps
Iron	54-2	115690	117605	115894	116396	0.90	cps
Krypton	83-1	350	303	333	329	7.19	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16020	15302	15125	15482	3.06	cps
Lead	207-1	13313	14007	13590	13637	2.56	cps
Lead	208-1	61982	62861	61886	62243	0.86	cps
Lithium	6-1	1605354	1651081	1618918	1625117	1.45	cps
Magnesium	24-2	561607	561278	564517	562467	0.32	cps
Manganese	55-2	10060	9843	10407	10103	2.81	cps
Molybdenum	94-1	49440	50477	51487	50468	2.03	cps
Molybdenum	95-1	58322	60682	59577	59527	1.98	cps
Molybdenum	96-1	65345	66932	67783	66687	1.86	cps
Molybdenum	97-1	36723	37558	37415	37232	1.20	cps
Molybdenum	98-1	93164	96308	96818	95430	2.07	cps
Neodymium	150-1	23	10	23	19	40.75	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	4978	4961	5118	5019	1.72	cps
Phosphorus	31-2	187	227	207	207	9.68	cps
Potassium	39-2	760105	764059	766446	763536	0.42	cps
Rhodium	103-1	8961880	8981022	9105223	9016042	0.86	cps
Rhodium	103-2	5772516	5684931	5785972	5747806	0.95	cps
Scandium	45-1	6123305	6190727	6144915	6152982	0.56	cps
Scandium	45-2	575393	577373	575508	576091	0.19	cps
Selenium	82-1	2432	2577	2426	2478	3.46	cps
Selenium	77-2	143	170	207	173	18.34	cps
Selenium	78-2	943	1020	1047	1003	5.35	cps
Silicon	28-1	470536	477696	482343	476859	1.25	cps
Silver	107-1	27132	28451	28495	28026	2.76	cps
Silver	109-1	25449	26384	26872	26235	2.76	cps
Sodium	23-2	955749	956791	949882	954141	0.39	cps
Strontium	86-1	8292	8486	8846	8541	3.29	cps
Strontium	88-1	69945	70608	71261	70605	0.93	cps
Sulfur	34-1	281506	278261	277847	279205	0.72	cps
Terbium	159-1	11200124	11241077	11607472	11349557	1.98	cps
Terbium	159-2	7749099	7744123	7748554	7747259	0.04	cps
Thallium	203-1	18045	17768	18549	18121	2.19	cps
Thallium	205-1	43560	42566	42419	42848	1.45	cps
Tin	118-1	2480	2624	2734	2613	4.86	cps
Titanium	47-1	17247	16833	17570	17217	2.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55000	55917	55960	55626	0.98	cps
Vanadium	51-2	49839	50621	50076	50179	0.80	cps
Yttrium	89-1	16085314	16204351	16169416	16153027	0.38	cps
Yttrium	89-2	4182800	4185962	4188163	4185642	0.06	cps
Zinc	66-2	11338	11191	11571	11367	1.69	cps
Zirconium	90-1	43849	45450	44594	44631	1.80	cps
Zirconium	91-1	10067	9857	9920	9948	1.08	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7322	7182	7125	7210	1.40	cps
Antimony	121-1	22367	22281	22668	22439	0.91	cps
Arsenic	75-2	707	700	667	691	3.10	cps
Barium	135-1	26769	26942	27557	27089	1.53	cps
Barium	137-1	46415	47248	47449	47038	1.17	cps
Beryllium	9-1	2017	2147	2077	2080	3.13	cps
Bismuth	209-1	6644689	6736345	6811289	6730774	1.24	cps
Bismuth	209-2	5552246	5472078	5426250	5483525	1.16	cps
Bromine	81-1	10214	10197	10020	10144	1.06	cps
Bromine	81-2	140	133	140	138	2.79	cps
Cadmium	108-1	290	267	277	278	4.22	cps
Cadmium	106-1	3724	3457	3470	3550	4.23	cps
Cadmium	111-1	5554	5614	5903	5690	3.28	cps
Calcium	43-1	18632	19496	19085	19071	2.27	cps
Calcium	44-1	321433	329561	329622	326872	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14157	14480	14607	14415	1.61	cps
Cobalt	59-2	8916	9433	9310	9220	2.93	cps
Copper	63-2	14651	15058	15311	15006	2.22	cps
Dysprosium	156-1	660	617	617	631	3.96	cps
Dysprosium	156-2	167	107	133	136	22.18	cps
Erbium	164-1	87	47	67	67	30.00	cps
Erbium	164-2	40	77	73	63	32.01	cps
Gadolinium	160-1	40	77	67	61	31.02	cps
Gadolinium	160-2	323	247	307	292	13.80	cps
Holmium	165-1	10986331	11125853	11052918	11055034	0.63	cps
Holmium	165-2	7927616	7921134	7701528	7850092	1.64	cps
Indium	115-1	9348254	9407572	9443735	9399854	0.51	cps
Indium	115-2	3346655	3315422	3318622	3326900	0.52	cps
Iron	56-2	1082035	1077650	1076193	1078626	0.28	cps
Iron	57-2	28527	28407	28601	28512	0.34	cps
Iron	54-2	61411	61983	61853	61749	0.49	cps
Krypton	83-1	383	310	327	340	11.31	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7946	8499	7986	8144	3.79	cps
Lead	207-1	7309	7215	7052	7192	1.81	cps
Lead	208-1	32322	33203	32446	32657	1.46	cps
Lithium	6-1	1665695	1674459	1680127	1673427	0.43	cps
Magnesium	24-2	287645	289028	288106	288260	0.24	cps
Manganese	55-2	5564	5778	5511	5618	2.51	cps
Molybdenum	94-1	25072	26320	25906	25766	2.47	cps
Molybdenum	95-1	30732	30819	30906	30819	0.28	cps
Molybdenum	96-1	34063	34377	33959	34133	0.64	cps
Molybdenum	97-1	18952	19326	19560	19279	1.59	cps
Molybdenum	98-1	48306	49132	49691	49043	1.42	cps
Neodymium	150-1	20	23	20	21	9.11	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	2950	2897	3104	2984	3.60	cps
Phosphorus	31-2	183	210	190	194	7.14	cps
Potassium	39-2	427830	428951	427366	428049	0.19	cps
Rhodium	103-1	9036482	9110908	9188509	9111966	0.83	cps
Rhodium	103-2	5845275	5730583	5735127	5770328	1.13	cps
Scandium	45-1	6138917	6189801	6164730	6164483	0.41	cps
Scandium	45-2	576129	585330	579858	580439	0.80	cps
Selenium	82-1	1480	1428	1470	1459	1.87	cps
Selenium	77-2	113	90	117	107	13.62	cps
Selenium	78-2	693	667	753	704	6.30	cps
Silicon	28-1	409296	413837	416239	413124	0.85	cps
Silver	107-1	14157	14594	14768	14506	2.17	cps
Silver	109-1	12789	13830	13737	13452	4.28	cps
Sodium	23-2	506278	511463	504672	507471	0.70	cps
Strontium	86-1	4888	4794	4607	4763	2.99	cps
Strontium	88-1	36609	37912	37093	37205	1.77	cps
Sulfur	34-1	282643	283092	280982	282239	0.39	cps
Terbium	159-1	11389677	11449989	11550108	11463258	0.71	cps
Terbium	159-2	7744987	7791065	7784681	7773578	0.32	cps
Thallium	203-1	9353	9470	9510	9444	0.86	cps
Thallium	205-1	22632	22639	22225	22499	1.05	cps
Tin	118-1	2527	2500	2680	2569	3.78	cps
Titanium	47-1	8776	9833	9136	9248	5.81	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27923	28521	28233	28226	1.06	cps
Vanadium	51-2	25815	25598	25068	25494	1.51	cps
Yttrium	89-1	16031028	16230956	16402550	16221511	1.15	cps
Yttrium	89-2	4231396	4224549	4258262	4238069	0.42	cps
Zinc	66-2	6895	6965	6461	6774	4.03	cps
Zirconium	90-1	23095	23596	23813	23501	1.57	cps
Zirconium	91-1	5164	5294	5068	5175	2.20	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32000216	32181552	32006751	32062840	0.32	cps
Antimony	121-1	20982	21937	22291	21737	3.11	cps
Arsenic	75-2	127001	125485	123875	125453	1.25	cps
Barium	135-1	1033473	1068743	1069974	1057397	1.96	cps
Barium	137-1	1853921	1929698	1891091	1891570	2.00	cps
Beryllium	9-1	2837	2864	2947	2883	1.99	cps
Bismuth	209-1	6672681	6941052	6784504	6799412	1.98	cps
Bismuth	209-2	5360942	5356655	5485002	5400867	1.35	cps
Bromine	81-1	13406	13006	13493	13302	1.95	cps
Bromine	81-2	927	960	1007	964	4.17	cps
Cadmium	108-1	980	1080	1133	1064	7.31	cps
Cadmium	106-1	4984	4918	5051	4984	1.34	cps
Cadmium	111-1	15852	15926	16172	15983	1.05	cps
Calcium	43-1	349327	351845	352105	351093	0.44	cps
Calcium	44-1	5287909	5290057	5351680	5309882	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1071147	1071371	1070048	1070855	0.07	cps
Cobalt	59-2	976841	982478	977244	978854	0.32	cps
Copper	63-2	3791149	3795888	3819167	3802068	0.39	cps
Dysprosium	156-1	93656	97264	96680	95867	2.02	cps
Dysprosium	156-2	74640	73963	74553	74386	0.50	cps
Erbium	164-1	95410	97917	99606	97644	2.16	cps
Erbium	164-2	66192	67730	66966	66963	1.15	cps
Gadolinium	160-1	98423	100887	101833	100381	1.75	cps
Gadolinium	160-2	73515	73049	72774	73113	0.51	cps
Holmium	165-1	11206680	11500364	11631766	11446270	1.90	cps
Holmium	165-2	7953560	7994660	8037304	7995175	0.52	cps
Indium	115-1	9413572	9490488	9505155	9469738	0.52	cps
Indium	115-2	3249951	3258882	3263464	3257432	0.21	cps
Iron	56-2	1113208117	1120484890	1117988543	1117227183	0.33	cps
Iron	57-2	27838615	27830196	27357312	27675374	1.00	cps
Iron	54-2	61658712	61619676	61226182	61501524	0.39	cps
Krypton	83-1	433	430	553	472	14.88	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1340089	1409647	1403220	1384319	2.78	cps
Lead	207-1	1202455	1240094	1231558	1224702	1.61	cps
Lead	208-1	5681597	5939528	5868979	5830035	2.29	cps
Lithium	6-1	1743586	1752960	1759592	1752046	0.46	cps
Magnesium	24-2	37054585	36859306	36804443	36906111	0.36	cps
Manganese	55-2	19529296	19645838	19543922	19573019	0.32	cps
Molybdenum	94-1	74920	75610	76890	75807	1.32	cps
Molybdenum	95-1	16670	16997	16569	16745	1.33	cps
Molybdenum	96-1	39085	39052	38888	39009	0.27	cps
Molybdenum	97-1	10164	10154	10430	10249	1.53	cps
Molybdenum	98-1	25930	25719	26317	25989	1.17	cps
Neodymium	150-1	131611	132664	135013	133096	1.31	cps
Neodymium	150-2	77830	78292	77790	77971	0.36	cps
Nickel	60-2	320593	324919	323406	322973	0.68	cps
Phosphorus	31-2	34522	34028	33934	34162	0.92	cps
Potassium	39-2	4882418	4947609	4907293	4912440	0.67	cps
Rhodium	103-1	9080046	9011691	9057992	9049910	0.39	cps
Rhodium	103-2	5558396	5635682	5600381	5598153	0.69	cps
Scandium	45-1	8287529	8113657	8154396	8185194	1.11	cps
Scandium	45-2	756919	750774	749716	752470	0.52	cps
Selenium	82-1	991	959	845	932	8.22	cps
Selenium	77-2	380	393	370	381	3.07	cps
Selenium	78-2	650	693	747	697	6.95	cps
Silicon	28-1	36585526	36942944	36926948	36818473	0.55	cps
Silver	107-1	17167	17207	17350	17241	0.56	cps
Silver	109-1	16149	16152	16156	16152	0.02	cps
Sodium	23-2	221060	222703	223224	222329	0.51	cps
Strontium	86-1	244850	246663	248601	246705	0.76	cps
Strontium	88-1	2111285	2096539	2145086	2117637	1.18	cps
Sulfur	34-1	268077	262535	262453	264355	1.22	cps
Terbium	159-1	11658959	11944162	11788501	11797207	1.21	cps
Terbium	159-2	8021929	7901305	7914843	7946026	0.83	cps
Thallium	203-1	4151	4227	4537	4305	4.76	cps
Thallium	205-1	9130	10274	11562	10322	11.79	cps
Tin	118-1	36306	36897	37358	36854	1.43	cps
Titanium	47-1	1353373	1369817	1338284	1353825	1.16	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34388	34692	34304	34461	0.59	cps
Vanadium	51-2	3673886	3684289	3652494	3670223	0.44	cps
Yttrium	89-1	18546280	18260962	18539889	18449044	0.88	cps
Yttrium	89-2	4673751	4560876	4634626	4623084	1.24	cps
Zinc	66-2	545342	542440	540851	542878	0.42	cps
Zirconium	90-1	178211	182775	184402	181796	1.77	cps
Zirconium	91-1	39844	40603	41518	40655	2.06	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32428772	32085521	31830100	32114798	0.94	cps
Antimony	121-1	21353	21783	22321	21819	2.22	cps
Arsenic	75-2	124376	124328	124624	124443	0.13	cps
Barium	135-1	1058011	1071048	1075167	1068075	0.84	cps
Barium	137-1	1872977	1923133	1905274	1900461	1.34	cps
Beryllium	9-1	2894	2780	3050	2908	4.66	cps
Bismuth	209-1	6899261	6917472	6947191	6921308	0.35	cps
Bismuth	209-2	5328122	5435886	5377592	5380533	1.00	cps
Bromine	81-1	13203	13523	13737	13487	1.99	cps
Bromine	81-2	1003	1073	1017	1031	3.60	cps
Cadmium	108-1	1050	1007	1130	1062	5.89	cps
Cadmium	106-1	5304	5218	5221	5248	0.94	cps
Cadmium	111-1	15917	16034	16096	16016	0.57	cps
Calcium	43-1	346627	351924	355175	351242	1.23	cps
Calcium	44-1	5206199	5337983	5330054	5291412	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080381	1074223	1071275	1075293	0.43	cps
Cobalt	59-2	981499	976948	974525	977657	0.36	cps
Copper	63-2	3785103	3777244	3775310	3779219	0.14	cps
Dysprosium	156-1	96633	98600	98758	97997	1.21	cps
Dysprosium	156-2	73987	75696	73967	74550	1.33	cps
Erbium	164-1	98833	99703	99397	99311	0.44	cps
Erbium	164-2	66243	67214	67054	66837	0.78	cps
Gadolinium	160-1	100474	100175	101686	100778	0.79	cps
Gadolinium	160-2	72490	72945	72540	72658	0.34	cps
Holmium	165-1	11703500	11739071	11531838	11658136	0.95	cps
Holmium	165-2	7996128	7936880	8032290	7988433	0.60	cps
Indium	115-1	9568603	9491878	9528187	9529556	0.40	cps
Indium	115-2	3259370	3245202	3260076	3254882	0.26	cps
Iron	56-2	1121906783	1114393050	1122938063	1119745966	0.42	cps
Iron	57-2	27625075	27723871	27317520	27555489	0.77	cps
Iron	54-2	61866426	61798322	61661477	61775409	0.17	cps
Krypton	83-1	467	523	467	486	6.74	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1383763	1406972	1417556	1402764	1.23	cps
Lead	207-1	1235776	1255642	1251995	1247805	0.85	cps
Lead	208-1	5884688	5962554	5940247	5929163	0.68	cps
Lithium	6-1	1742986	1727429	1697044	1722486	1.36	cps
Magnesium	24-2	37354775	36958836	37139595	37151069	0.53	cps
Manganese	55-2	19476504	19536833	19422985	19478774	0.29	cps
Molybdenum	94-1	74384	75855	77373	75871	1.97	cps
Molybdenum	95-1	16823	17163	17754	17247	2.73	cps
Molybdenum	96-1	37969	39206	38718	38631	1.61	cps
Molybdenum	97-1	10330	10521	9907	10253	3.06	cps
Molybdenum	98-1	25556	25963	25883	25801	0.84	cps
Neodymium	150-1	133321	135810	134380	134504	0.93	cps
Neodymium	150-2	76610	76925	77609	77048	0.66	cps
Nickel	60-2	323349	324108	323160	323539	0.16	cps
Phosphorus	31-2	34449	34569	33533	34184	1.66	cps
Potassium	39-2	4922518	4922612	4955450	4933527	0.38	cps
Rhodium	103-1	9145840	9121786	9005041	9090889	0.83	cps
Rhodium	103-2	5637963	5551659	5623471	5604364	0.82	cps
Scandium	45-1	8097093	8196186	8230212	8174497	0.85	cps
Scandium	45-2	757601	757328	757260	757396	0.02	cps
Selenium	82-1	894	809	899	867	5.84	cps
Selenium	77-2	360	367	330	352	5.54	cps
Selenium	78-2	737	703	673	704	4.50	cps
Silicon	28-1	36183085	37279175	37189812	36884024	1.65	cps
Silver	107-1	16580	16910	16873	16788	1.08	cps
Silver	109-1	15482	15755	15765	15667	1.03	cps
Sodium	23-2	241827	242754	286972	257184	10.03	cps
Strontium	86-1	244636	251628	251493	249253	1.60	cps
Strontium	88-1	2117649	2172295	2175499	2155148	1.51	cps
Sulfur	34-1	259427	259101	260680	259736	0.32	cps
Terbium	159-1	11994278	11882086	11919734	11932032	0.48	cps
Terbium	159-2	7956284	8096379	7850213	7967626	1.55	cps
Thallium	203-1	4211	4511	4751	4491	6.03	cps
Thallium	205-1	10087	10754	11311	10718	5.72	cps
Tin	118-1	37081	37308	38588	37659	2.16	cps
Titanium	47-1	1319380	1337600	1347127	1334702	1.06	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34836	35236	35280	35117	0.70	cps
Vanadium	51-2	3683264	3681637	3676377	3680426	0.10	cps
Yttrium	89-1	18407273	18610216	18546198	18521229	0.56	cps
Yttrium	89-2	4625040	4639125	4595762	4619976	0.48	cps
Zinc	66-2	548630	542304	543484	544806	0.62	cps
Zirconium	90-1	177235	185445	187541	183407	2.97	cps
Zirconium	91-1	39754	41372	41699	40941	2.54	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27461516	27137884	26929907	27176436	0.99	cps
Antimony	121-1	21436	21490	21503	21476	0.16	cps
Arsenic	75-2	187765	186338	185808	186637	0.54	cps
Barium	135-1	999994	1018598	1019109	1012567	1.08	cps
Barium	137-1	1797495	1835564	1816844	1816634	1.05	cps
Beryllium	9-1	2437	2604	2584	2541	3.58	cps
Bismuth	209-1	6901218	6962113	6851872	6905068	0.80	cps
Bismuth	209-2	5327435	5363107	5229161	5306567	1.31	cps
Bromine	81-1	11965	12269	12285	12173	1.48	cps
Bromine	81-2	627	680	693	667	5.29	cps
Cadmium	108-1	777	917	857	850	8.26	cps
Cadmium	106-1	4968	4874	5018	4953	1.47	cps
Cadmium	111-1	12510	12627	12966	12701	1.86	cps
Calcium	43-1	298341	303393	306767	302833	1.40	cps
Calcium	44-1	4472647	4612185	4542160	4542331	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1057472	1047686	1047836	1050998	0.53	cps
Cobalt	59-2	860021	860798	852147	857655	0.56	cps
Copper	63-2	3412908	3395293	3429427	3412543	0.50	cps
Dysprosium	156-1	75287	76500	77047	76278	1.18	cps
Dysprosium	156-2	57480	56533	57226	57080	0.86	cps
Erbium	164-1	80303	81559	82653	81505	1.44	cps
Erbium	164-2	54011	54007	53529	53849	0.51	cps
Gadolinium	160-1	78606	78602	77680	78296	0.68	cps
Gadolinium	160-2	55128	56232	55791	55717	1.00	cps
Holmium	165-1	11507552	11513346	11818621	11613173	1.53	cps
Holmium	165-2	7899269	7918370	7797167	7871602	0.83	cps
Indium	115-1	9643304	9744090	9665935	9684443	0.55	cps
Indium	115-2	3243420	3199773	3206864	3216686	0.73	cps
Iron	56-2	1029169185	1021464971	1018854411	1023162856	0.52	cps
Iron	57-2	25175207	24784297	25058133	25005879	0.80	cps
Iron	54-2	56566709	56351641	56104298	56340882	0.41	cps
Krypton	83-1	450	453	467	457	1.93	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1177707	1192665	1207228	1192533	1.24	cps
Lead	207-1	1050398	1071409	1057362	1059723	1.01	cps
Lead	208-1	4991400	5058771	5057554	5035908	0.77	cps
Lithium	6-1	1680277	1707490	1660177	1682648	1.41	cps
Magnesium	24-2	31133600	30991355	30699490	30941482	0.72	cps
Manganese	55-2	15487183	15492028	15275861	15418357	0.80	cps
Molybdenum	94-1	63671	65804	66460	65312	2.23	cps
Molybdenum	95-1	12082	12819	12519	12473	2.97	cps
Molybdenum	96-1	31360	32887	32346	32198	2.40	cps
Molybdenum	97-1	7345	7552	7829	7575	3.20	cps
Molybdenum	98-1	18846	18976	18812	18878	0.46	cps
Neodymium	150-1	101690	104148	104161	103333	1.38	cps
Neodymium	150-2	57697	57497	56466	57220	1.15	cps
Nickel	60-2	349712	346884	345245	347280	0.65	cps
Phosphorus	31-2	34486	35007	34579	34690	0.80	cps
Potassium	39-2	6210537	6259652	6107784	6192658	1.25	cps
Rhodium	103-1	9128453	9270339	9224810	9207867	0.79	cps
Rhodium	103-2	5611646	5584784	5557010	5584480	0.49	cps
Scandium	45-1	7882734	8049375	7971598	7967902	1.05	cps
Scandium	45-2	737091	729966	734662	733906	0.49	cps
Selenium	82-1	820	829	794	815	2.27	cps
Selenium	77-2	297	310	307	304	2.28	cps
Selenium	78-2	650	523	577	583	10.90	cps
Silicon	28-1	37720772	38015973	37854963	37863902	0.39	cps
Silver	107-1	12135	12642	12492	12423	2.10	cps
Silver	109-1	11741	11721	12179	11881	2.17	cps
Sodium	23-2	275889	278930	279216	278012	0.66	cps
Strontium	86-1	220165	223386	224576	222709	1.02	cps
Strontium	88-1	1837364	1915110	1923617	1892030	2.51	cps
Sulfur	34-1	265458	262833	264403	264232	0.50	cps
Terbium	159-1	11846184	11989321	12114282	11983262	1.12	cps
Terbium	159-2	7773791	7731768	7733101	7746220	0.31	cps
Thallium	203-1	3871	3847	3951	3889	1.39	cps
Thallium	205-1	9040	9570	9864	9491	4.40	cps
Tin	118-1	36279	37054	36406	36580	1.14	cps
Titanium	47-1	2034341	2113993	2132383	2093572	2.49	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21664	22299	22169	22044	1.52	cps
Vanadium	51-2	3276480	3255542	3251118	3261047	0.42	cps
Yttrium	89-1	17933308	18316161	18597305	18282258	1.82	cps
Yttrium	89-2	4518963	4567853	4504210	4530342	0.74	cps
Zinc	66-2	451659	449085	450013	450252	0.29	cps
Zirconium	90-1	159610	162559	162377	161515	1.02	cps
Zirconium	91-1	36071	36011	36151	36078	0.20	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32108355	32078030	31953128	32046504	0.26	cps
Antimony	121-1	17007	16850	16820	16892	0.59	cps
Arsenic	75-2	121872	119395	121284	120850	1.07	cps
Barium	135-1	870737	872954	879325	874339	0.51	cps
Barium	137-1	1478158	1541201	1529683	1516348	2.21	cps
Beryllium	9-1	2707	2674	2550	2644	3.12	cps
Bismuth	209-1	6808916	6718322	6672077	6733105	1.03	cps
Bismuth	209-2	5223874	5211075	5296591	5243847	0.88	cps
Bromine	81-1	14250	14431	14013	14231	1.47	cps
Bromine	81-2	1120	1090	1107	1106	1.36	cps
Cadmium	108-1	947	950	960	952	0.73	cps
Cadmium	106-1	5111	5118	4834	5021	3.22	cps
Cadmium	111-1	14576	14389	14183	14383	1.37	cps
Calcium	43-1	416623	425690	426417	422910	1.29	cps
Calcium	44-1	6173129	6460849	6417948	6350642	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1147529	1128929	1137722	1138060	0.82	cps
Cobalt	59-2	1061995	1054664	1054683	1057114	0.40	cps
Copper	63-2	3859102	3772941	3767888	3799977	1.35	cps
Dysprosium	156-1	74312	75770	74902	74994	0.98	cps
Dysprosium	156-2	56262	56999	56279	56513	0.74	cps
Erbium	164-1	76696	75127	74172	75332	1.69	cps
Erbium	164-2	51802	51678	50745	51409	1.12	cps
Gadolinium	160-1	75676	77486	78076	77079	1.62	cps
Gadolinium	160-2	55212	55205	55563	55327	0.37	cps
Holmium	165-1	11603762	11543028	11575320	11574037	0.26	cps
Holmium	165-2	7886153	7805441	7832262	7841285	0.52	cps
Indium	115-1	9395491	9424282	9578546	9466106	1.04	cps
Indium	115-2	3191090	3216989	3257007	3221695	1.03	cps
Iron	56-2	1120976037	1112596277	1115896490	1116489601	0.38	cps
Iron	57-2	27481609	27647169	27254804	27461194	0.72	cps
Iron	54-2	61947061	61873736	61828519	61883105	0.10	cps
Krypton	83-1	480	537	487	501	6.18	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1281708	1278070	1265965	1275248	0.65	cps
Lead	207-1	1108972	1163024	1148175	1140057	2.45	cps
Lead	208-1	5292559	5438352	5356752	5362554	1.36	cps
Lithium	6-1	1634228	1649913	1645906	1643349	0.50	cps
Magnesium	24-2	37699844	37535894	37184740	37473493	0.70	cps
Manganese	55-2	18482030	18583930	18398655	18488205	0.50	cps
Molybdenum	94-1	56927	56495	57623	57015	1.00	cps
Molybdenum	95-1	12085	12479	12188	12251	1.67	cps
Molybdenum	96-1	31434	31861	31851	31716	0.77	cps
Molybdenum	97-1	7512	7752	7582	7615	1.62	cps
Molybdenum	98-1	18889	19183	19116	19063	0.81	cps
Neodymium	150-1	103631	103527	103805	103654	0.14	cps
Neodymium	150-2	58745	58558	58772	58691	0.20	cps
Nickel	60-2	368864	368422	366104	367797	0.40	cps
Phosphorus	31-2	33173	33370	33196	33246	0.32	cps
Potassium	39-2	5400393	5448428	5404145	5417655	0.49	cps
Rhodium	103-1	8991742	9135927	9148524	9092064	0.96	cps
Rhodium	103-2	5503708	5413948	5455355	5457670	0.82	cps
Scandium	45-1	7572297	7820331	7732883	7708503	1.63	cps
Scandium	45-2	726332	719526	713126	719662	0.92	cps
Selenium	82-1	714	692	810	738	8.49	cps
Selenium	77-2	300	273	227	267	13.92	cps
Selenium	78-2	680	623	560	621	9.66	cps
Silicon	28-1	43539298	43904088	43918471	43787285	0.49	cps
Silver	107-1	15832	15799	15545	15725	1.00	cps
Silver	109-1	14507	15145	14884	14845	2.16	cps
Sodium	23-2	315633	316004	314977	315538	0.16	cps
Strontium	86-1	236411	242793	244043	241082	1.70	cps
Strontium	88-1	2081979	2049926	2063530	2065145	0.78	cps
Sulfur	34-1	275291	275477	274860	275210	0.12	cps
Terbium	159-1	11805663	12021974	11810301	11879312	1.04	cps
Terbium	159-2	7777997	7778072	7722867	7759645	0.41	cps
Thallium	203-1	3240	2927	3174	3114	5.30	cps
Thallium	205-1	7405	7719	7435	7520	2.30	cps
Tin	118-1	36994	37278	37546	37273	0.74	cps
Titanium	47-1	2579327	2670470	2596243	2615347	1.85	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24296	24703	24883	24627	1.22	cps
Vanadium	51-2	3348744	3364978	3339176	3350966	0.39	cps
Yttrium	89-1	18271297	17787666	18016286	18025083	1.34	cps
Yttrium	89-2	4531614	4526462	4449631	4502569	1.02	cps
Zinc	66-2	549456	549955	547989	549133	0.19	cps
Zirconium	90-1	138001	141746	140895	140214	1.40	cps
Zirconium	91-1	30505	31594	31885	31328	2.32	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22305196	22308980	22344701	22319626	0.10	cps
Antimony	121-1	30896	31067	31471	31145	0.95	cps
Arsenic	75-2	131862	130595	131590	131349	0.51	cps
Barium	135-1	585790	594563	596460	592271	0.96	cps
Barium	137-1	1016972	1024590	1021956	1021173	0.38	cps
Beryllium	9-1	1790	1817	1850	1819	1.65	cps
Bismuth	209-1	6863589	6973956	6808125	6881890	1.23	cps
Bismuth	209-2	5315260	5284708	5342336	5314101	0.54	cps
Bromine	81-1	11828	11551	11528	11636	1.44	cps
Bromine	81-2	567	567	670	601	9.93	cps
Cadmium	108-1	993	970	890	951	5.70	cps
Cadmium	106-1	5008	4697	4761	4822	3.40	cps
Cadmium	111-1	10675	10458	10722	10618	1.33	cps
Calcium	43-1	464729	468309	472693	468577	0.85	cps
Calcium	44-1	6996509	6955350	7038087	6996649	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1427294	1401437	1415809	1414847	0.92	cps
Cobalt	59-2	1039097	1027558	1032982	1033212	0.56	cps
Copper	63-2	3002835	3042143	2979295	3008091	1.06	cps
Dysprosium	156-1	35829	35883	35258	35656	0.97	cps
Dysprosium	156-2	27380	26913	27410	27234	1.02	cps
Erbium	164-1	41822	43153	42725	42567	1.60	cps
Erbium	164-2	28245	28559	28252	28352	0.63	cps
Gadolinium	160-1	36711	37156	36621	36829	0.78	cps
Gadolinium	160-2	26275	26769	26468	26504	0.94	cps
Holmium	165-1	11774586	11709104	11525890	11669860	1.10	cps
Holmium	165-2	7861543	7840421	7772061	7824675	0.60	cps
Indium	115-1	9543810	9613346	9448114	9535090	0.87	cps
Indium	115-2	3240575	3189979	3243212	3224589	0.93	cps
Iron	56-2	820764361	812733295	820671908	818056521	0.56	cps
Iron	57-2	20165835	20323867	20100865	20196856	0.57	cps
Iron	54-2	44887064	44773198	45315741	44992001	0.64	cps
Krypton	83-1	403	407	390	400	2.20	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	766158	770774	766789	767907	0.33	cps
Lead	207-1	679475	696695	692488	689553	1.30	cps
Lead	208-1	3221793	3103200	3088691	3137895	2.33	cps
Lithium	6-1	1648338	1640817	1634731	1641295	0.42	cps
Magnesium	24-2	25831898	25957045	26115672	25968205	0.55	cps
Manganese	55-2	15477634	15273059	15350614	15367103	0.67	cps
Molybdenum	94-1	54203	55204	55709	55039	1.39	cps
Molybdenum	95-1	6865	7469	7479	7271	4.83	cps
Molybdenum	96-1	23442	23446	23432	23440	0.03	cps
Molybdenum	97-1	4461	4391	4291	4381	1.95	cps
Molybdenum	98-1	10601	10574	10777	10651	1.04	cps
Neodymium	150-1	47904	48383	48674	48320	0.80	cps
Neodymium	150-2	27634	27443	27236	27438	0.72	cps
Nickel	60-2	381624	374325	379291	378413	0.99	cps
Phosphorus	31-2	23925	24316	24787	24343	1.77	cps
Potassium	39-2	3896921	3907503	3877283	3893902	0.39	cps
Rhodium	103-1	9176877	9218617	9194176	9196557	0.23	cps
Rhodium	103-2	5649385	5530816	5618909	5599703	1.10	cps
Scandium	45-1	6978439	7182105	7078822	7079789	1.44	cps
Scandium	45-2	656247	661789	658223	658753	0.43	cps
Selenium	82-1	688	733	763	728	5.19	cps
Selenium	77-2	153	137	177	156	12.92	cps
Selenium	78-2	460	603	547	537	13.45	cps
Silicon	28-1	35999016	36631660	36107373	36246016	0.93	cps
Silver	107-1	6311	6918	6625	6618	4.59	cps
Silver	109-1	6045	6101	6305	6150	2.22	cps
Sodium	23-2	339856	338170	344999	341008	1.04	cps
Strontium	86-1	257681	260924	260905	259837	0.72	cps
Strontium	88-1	2210828	2267863	2239462	2239384	1.27	cps
Sulfur	34-1	253651	255546	252998	254065	0.52	cps
Terbium	159-1	11840532	12145959	11915246	11967246	1.33	cps
Terbium	159-2	7735504	7901831	7787122	7808152	1.09	cps
Thallium	203-1	2124	2027	1927	2026	4.86	cps
Thallium	205-1	4901	5004	4744	4883	2.68	cps
Tin	118-1	27025	26882	27306	27071	0.80	cps
Titanium	47-1	4756198	4870661	4924287	4850382	1.77	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15396	15446	15306	15382	0.46	cps
Vanadium	51-2	1870137	1881009	1868271	1873139	0.37	cps
Yttrium	89-1	17416241	17717828	17628331	17587467	0.88	cps
Yttrium	89-2	4353922	4407262	4402273	4387819	0.67	cps
Zinc	66-2	383694	380572	379751	381339	0.55	cps
Zirconium	90-1	140125	142537	142487	141716	0.97	cps
Zirconium	91-1	31116	31885	31918	31640	1.43	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30408546	30541224	30527990	30492587	0.24	cps
Antimony	121-1	20441	20074	20071	20195	1.05	cps
Arsenic	75-2	166408	168255	166977	167213	0.57	cps
Barium	135-1	721996	725239	726186	724474	0.30	cps
Barium	137-1	1238241	1254951	1274533	1255908	1.45	cps
Beryllium	9-1	2427	2484	2407	2439	1.63	cps
Bismuth	209-1	6795139	7020824	6857283	6891082	1.69	cps
Bismuth	209-2	5356468	5337279	5351140	5348295	0.19	cps
Bromine	81-1	14050	14053	14284	14129	0.95	cps
Bromine	81-2	1090	1107	1167	1121	3.60	cps
Cadmium	108-1	853	833	887	858	3.14	cps
Cadmium	106-1	5241	4938	4794	4991	4.57	cps
Cadmium	111-1	13292	13063	12735	13030	2.15	cps
Calcium	43-1	362483	361971	371318	365257	1.44	cps
Calcium	44-1	5456597	5577332	5555746	5529891	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1137191	1130125	1140082	1135799	0.45	cps
Cobalt	59-2	929267	931453	932632	931118	0.18	cps
Copper	63-2	3429548	3451485	3407803	3429612	0.64	cps
Dysprosium	156-1	77646	78270	78256	78058	0.46	cps
Dysprosium	156-2	59529	60021	60248	59933	0.61	cps
Erbium	164-1	79257	80728	79886	79957	0.92	cps
Erbium	164-2	53489	52572	53271	53111	0.90	cps
Gadolinium	160-1	80781	82696	82216	81898	1.22	cps
Gadolinium	160-2	58066	58140	57976	58061	0.14	cps
Holmium	165-1	11888888	11537804	11778399	11735030	1.53	cps
Holmium	165-2	7991476	8034120	8049790	8025129	0.38	cps
Indium	115-1	9717398	9690493	9823774	9743888	0.72	cps
Indium	115-2	3284756	3296039	3229163	3269986	1.09	cps
Iron	56-2	1042880358	1043171691	1054517958	1046856669	0.63	cps
Iron	57-2	25593152	25792140	25864746	25750013	0.55	cps
Iron	54-2	57534042	57736284	57892541	57720956	0.31	cps
Krypton	83-1	467	467	490	474	2.84	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	999314	976877	985804	987332	1.14	cps
Lead	207-1	871732	878493	890494	880240	1.08	cps
Lead	208-1	4112419	4150566	4202492	4155159	1.09	cps
Lithium	6-1	1622035	1636553	1625764	1628117	0.46	cps
Magnesium	24-2	35311424	35597945	35353730	35421033	0.44	cps
Manganese	55-2	14959634	15198073	15173945	15110551	0.87	cps
Molybdenum	94-1	58443	59283	58848	58858	0.71	cps
Molybdenum	95-1	11681	12118	11658	11819	2.19	cps
Molybdenum	96-1	30629	31514	31704	31282	1.83	cps
Molybdenum	97-1	7292	7575	7459	7442	1.91	cps
Molybdenum	98-1	18625	18745	18826	18732	0.54	cps
Neodymium	150-1	107016	109293	106955	107755	1.24	cps
Neodymium	150-2	61594	59997	60372	60654	1.38	cps
Nickel	60-2	374522	374716	372312	373850	0.36	cps
Phosphorus	31-2	29806	29879	29979	29888	0.29	cps
Potassium	39-2	3348403	3333192	3327267	3336287	0.33	cps
Rhodium	103-1	9250373	9155928	9271865	9226056	0.67	cps
Rhodium	103-2	5627243	5634524	5627611	5629793	0.07	cps
Scandium	45-1	8202184	8370478	8312432	8295031	1.03	cps
Scandium	45-2	766448	771182	775319	770983	0.58	cps
Selenium	82-1	720	774	731	742	3.87	cps
Selenium	77-2	340	337	263	313	13.83	cps
Selenium	78-2	567	640	617	608	6.16	cps
Silicon	28-1	38616669	39758610	39485823	39287034	1.52	cps
Silver	107-1	10104	9743	10077	9975	2.01	cps
Silver	109-1	9070	9040	9420	9176	2.30	cps
Sodium	23-2	259848	260182	260420	260150	0.11	cps
Strontium	86-1	255770	264814	261212	260599	1.75	cps
Strontium	88-1	2187292	2272845	2226445	2228861	1.92	cps
Sulfur	34-1	278291	280960	281503	280251	0.61	cps
Terbium	159-1	12124159	11869561	12337747	12110489	1.94	cps
Terbium	159-2	7937226	7878322	7848842	7888130	0.57	cps
Thallium	203-1	2490	2520	2484	2498	0.78	cps
Thallium	205-1	5871	5968	5915	5918	0.82	cps
Tin	118-1	36192	36226	37766	36728	2.45	cps
Titanium	47-1	1479878	1503450	1511088	1498139	1.09	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25040	24807	24997	24948	0.50	cps
Vanadium	51-2	3470883	3485315	3494282	3483493	0.34	cps
Yttrium	89-1	18154445	18382755	18205486	18247562	0.66	cps
Yttrium	89-2	4581302	4589551	4544623	4571825	0.52	cps
Zinc	66-2	485726	490101	491669	489165	0.63	cps
Zirconium	90-1	142133	142197	144136	142822	0.80	cps
Zirconium	91-1	31721	32112	32947	32260	1.94	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20442211	20444308	20049413	20311977	1.12	cps
Antimony	121-1	37756	38328	38725	38270	1.27	cps
Arsenic	75-2	114474	114719	114642	114612	0.11	cps
Barium	135-1	487207	496198	491786	491730	0.91	cps
Barium	137-1	842952	857012	855356	851774	0.90	cps
Beryllium	9-1	1913	1750	1687	1783	6.56	cps
Bismuth	209-1	7122241	6912123	6929439	6987934	1.67	cps
Bismuth	209-2	5292512	5402504	5355698	5350238	1.03	cps
Bromine	81-1	11281	11628	11805	11571	2.30	cps
Bromine	81-2	497	467	460	474	4.12	cps
Cadmium	108-1	997	1053	1083	1044	4.21	cps
Cadmium	106-1	5034	4921	4864	4940	1.75	cps
Cadmium	111-1	11839	11964	11893	11899	0.52	cps
Calcium	43-1	488504	502044	504430	498326	1.72	cps
Calcium	44-1	7509583	7557726	7620714	7562674	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1350876	1345879	1346786	1347847	0.20	cps
Cobalt	59-2	1069947	1065147	1073235	1069443	0.38	cps
Copper	63-2	3334675	3261999	3253601	3283425	1.36	cps
Dysprosium	156-1	32541	33246	32367	32718	1.42	cps
Dysprosium	156-2	24668	24832	24622	24707	0.45	cps
Erbium	164-1	37647	38313	37607	37856	1.05	cps
Erbium	164-2	25263	24966	24705	24978	1.12	cps
Gadolinium	160-1	33617	34456	33580	33884	1.46	cps
Gadolinium	160-2	23724	23837	24201	23921	1.04	cps
Holmium	165-1	11650448	11858997	11752359	11753934	0.89	cps
Holmium	165-2	7930913	7959050	7982193	7957385	0.32	cps
Indium	115-1	9696719	9936481	9929980	9854393	1.39	cps
Indium	115-2	3301177	3338375	3304573	3314708	0.62	cps
Iron	56-2	748369616	754817829	755705029	752964158	0.53	cps
Iron	57-2	18394666	18573154	18213035	18393618	0.98	cps
Iron	54-2	41311179	41500117	41611916	41474404	0.37	cps
Krypton	83-1	370	343	393	369	6.78	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	900111	903315	908824	904083	0.49	cps
Lead	207-1	796613	807527	799390	801177	0.71	cps
Lead	208-1	3806660	3808981	3815423	3810355	0.12	cps
Lithium	6-1	1599686	1634967	1612307	1615653	1.11	cps
Magnesium	24-2	22260559	22404364	22295028	22319984	0.34	cps
Manganese	55-2	12507211	12574041	12553209	12544820	0.27	cps
Molybdenum	94-1	62262	63179	63008	62816	0.78	cps
Molybdenum	95-1	6438	7312	6732	6827	6.51	cps
Molybdenum	96-1	23976	24290	23512	23926	1.64	cps
Molybdenum	97-1	4061	4114	4264	4146	2.54	cps
Molybdenum	98-1	10180	10020	10040	10080	0.87	cps
Neodymium	150-1	45289	45433	45256	45326	0.21	cps
Neodymium	150-2	25450	25273	25850	25524	1.16	cps
Nickel	60-2	353409	348776	351395	351194	0.66	cps
Phosphorus	31-2	25024	25014	25211	25083	0.44	cps
Potassium	39-2	3584142	3561332	3560441	3568638	0.38	cps
Rhodium	103-1	9285445	9389522	9427893	9367620	0.79	cps
Rhodium	103-2	5723091	5803219	5747110	5757807	0.71	cps
Scandium	45-1	7115777	7176401	7287728	7193302	1.21	cps
Scandium	45-2	662999	662813	661583	662465	0.12	cps
Selenium	82-1	749	790	772	770	2.70	cps
Selenium	77-2	183	117	167	156	22.30	cps
Selenium	78-2	487	587	480	518	11.54	cps
Silicon	28-1	30086738	30370095	30548626	30335153	0.77	cps
Silver	107-1	7775	7822	8152	7917	2.59	cps
Silver	109-1	7315	7675	7575	7522	2.47	cps
Sodium	23-2	393454	395208	392572	393745	0.34	cps
Strontium	86-1	235749	239328	241673	238916	1.25	cps
Strontium	88-1	2052276	2067015	2057081	2058791	0.37	cps
Sulfur	34-1	255045	259243	260878	258389	1.16	cps
Terbium	159-1	12144212	12032039	12057331	12077861	0.49	cps
Terbium	159-2	7847190	8024257	7851640	7907696	1.28	cps
Thallium	203-1	2054	2107	2270	2144	5.27	cps
Thallium	205-1	4918	5201	5168	5095	3.04	cps
Tin	118-1	32266	33916	33616	33266	2.64	cps
Titanium	47-1	6522409	6695032	6620749	6612730	1.31	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15055	15886	15586	15509	2.71	cps
Vanadium	51-2	1633274	1650545	1653097	1645639	0.66	cps
Yttrium	89-1	17972547	18147631	18063561	18061246	0.48	cps
Yttrium	89-2	4499042	4416864	4456918	4457608	0.92	cps
Zinc	66-2	407814	407361	404403	406526	0.46	cps
Zirconium	90-1	160177	164645	164129	162983	1.50	cps
Zirconium	91-1	36195	36308	37117	36540	1.38	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21911716	21872116	21918934	21900922	0.12	cps
Antimony	121-1	32497	33693	33202	33130	1.81	cps
Arsenic	75-2	119160	118716	119543	119140	0.35	cps
Barium	135-1	648539	656342	666084	656989	1.34	cps
Barium	137-1	1125214	1134265	1158990	1139490	1.53	cps
Beryllium	9-1	2033	1717	2003	1918	9.12	cps
Bismuth	209-1	6907191	6936098	7012562	6951950	0.78	cps
Bismuth	209-2	5308662	5466126	5353825	5376204	1.51	cps
Bromine	81-1	12235	12399	12238	12291	0.76	cps
Bromine	81-2	657	600	530	596	10.65	cps
Cadmium	108-1	963	1060	1100	1041	6.75	cps
Cadmium	106-1	4744	4858	4981	4861	2.44	cps
Cadmium	111-1	10282	10150	10926	10453	3.97	cps
Calcium	43-1	467388	478389	483100	476292	1.69	cps
Calcium	44-1	7004736	7249176	7274922	7176278	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1326059	1319894	1312764	1319572	0.50	cps
Cobalt	59-2	1141954	1146171	1141419	1143181	0.23	cps
Copper	63-2	3245586	3293223	3332061	3290290	1.32	cps
Dysprosium	156-1	36504	37062	37420	36995	1.25	cps
Dysprosium	156-2	28476	28539	27687	28234	1.68	cps
Erbium	164-1	42130	42525	43016	42557	1.04	cps
Erbium	164-2	28229	28339	27991	28186	0.63	cps
Gadolinium	160-1	36691	37614	37072	37126	1.25	cps
Gadolinium	160-2	27043	27260	26949	27084	0.59	cps
Holmium	165-1	11768676	11625342	11593335	11662451	0.80	cps
Holmium	165-2	8001046	8054975	7929217	7995079	0.79	cps
Indium	115-1	9767044	9739027	9774757	9760276	0.19	cps
Indium	115-2	3266289	3227107	3334604	3276000	1.66	cps
Iron	56-2	802633135	815157935	801421321	806404130	0.94	cps
Iron	57-2	19554898	19788803	19904804	19749502	0.90	cps
Iron	54-2	44498484	44651358	43942128	44363990	0.84	cps
Krypton	83-1	447	467	440	451	3.08	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	813628	823095	824354	820359	0.71	cps
Lead	207-1	722091	731834	729309	727745	0.69	cps
Lead	208-1	3404369	3461395	3490399	3452054	1.27	cps
Lithium	6-1	1660241	1547616	1618296	1608718	3.54	cps
Magnesium	24-2	24273201	23973227	24055037	24100489	0.64	cps
Manganese	55-2	14232123	14466444	14011498	14236688	1.60	cps
Molybdenum	94-1	60755	61348	62087	61397	1.09	cps
Molybdenum	95-1	7118	7072	7098	7096	0.33	cps
Molybdenum	96-1	24828	24487	24217	24511	1.25	cps
Molybdenum	97-1	4141	4291	4444	4292	3.54	cps
Molybdenum	98-1	10784	11021	11021	10942	1.25	cps
Neodymium	150-1	50718	51403	51427	51183	0.79	cps
Neodymium	150-2	28930	27817	28342	28363	1.96	cps
Nickel	60-2	384825	385908	388404	386379	0.47	cps
Phosphorus	31-2	26490	26974	25628	26364	2.59	cps
Potassium	39-2	6300251	6223737	6181747	6235245	0.96	cps
Rhodium	103-1	9355204	9391014	9352730	9366316	0.23	cps
Rhodium	103-2	5640156	5759480	5764883	5721506	1.23	cps
Scandium	45-1	7073889	7216859	7347778	7212842	1.90	cps
Scandium	45-2	662672	660420	663184	662092	0.22	cps
Selenium	82-1	868	736	838	814	8.52	cps
Selenium	77-2	217	147	117	160	32.07	cps
Selenium	78-2	547	560	533	547	2.44	cps
Silicon	28-1	29916234	30569664	30469979	30318625	1.16	cps
Silver	107-1	8369	8803	9043	8738	3.91	cps
Silver	109-1	7852	8012	8439	8101	3.75	cps
Sodium	23-2	371696	374029	374259	373328	0.38	cps
Strontium	86-1	232484	235285	237137	234969	1.00	cps
Strontium	88-1	1976737	2034194	2021371	2010767	1.50	cps
Sulfur	34-1	259217	262613	261461	261097	0.66	cps
Terbium	159-1	12149132	12129341	12206777	12161750	0.33	cps
Terbium	159-2	8000467	7928100	7891992	7940186	0.70	cps
Thallium	203-1	2704	2664	2397	2588	6.44	cps
Thallium	205-1	5818	6101	5895	5938	2.47	cps
Tin	118-1	31972	32513	32590	32359	1.04	cps
Titanium	47-1	5005271	5047336	5054236	5035614	0.53	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17228	16877	17134	17080	1.06	cps
Vanadium	51-2	1751212	1739497	1765608	1752105	0.75	cps
Yttrium	89-1	17981758	18149554	18311661	18147658	0.91	cps
Yttrium	89-2	4461825	4471720	4480018	4471188	0.20	cps
Zinc	66-2	352867	348243	350466	350525	0.66	cps
Zirconium	90-1	157527	161656	160850	160011	1.37	cps
Zirconium	91-1	35349	36155	35386	35630	1.28	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21607299	21811352	21583591	21667414	0.58	cps
Antimony	121-1	31184	31605	32153	31647	1.54	cps
Arsenic	75-2	126833	126530	125895	126419	0.38	cps
Barium	135-1	719440	725413	726246	723700	0.51	cps
Barium	137-1	1249322	1253894	1265271	1256162	0.65	cps
Beryllium	9-1	2357	2247	2167	2257	4.23	cps
Bismuth	209-1	7054664	7062844	7080554	7066021	0.19	cps
Bismuth	209-2	5507313	5401567	5471704	5460195	0.99	cps
Bromine	81-1	12555	11995	12545	12365	2.59	cps
Bromine	81-2	667	583	650	633	6.96	cps
Cadmium	108-1	980	1077	1120	1059	6.77	cps
Cadmium	106-1	4994	4978	4841	4938	1.70	cps
Cadmium	111-1	10692	10519	10860	10691	1.59	cps
Calcium	43-1	518428	524488	529522	524146	1.06	cps
Calcium	44-1	7846270	7907516	8008488	7920758	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1336225	1333957	1328702	1332961	0.29	cps
Cobalt	59-2	1115723	1111857	1119835	1115805	0.36	cps
Copper	63-2	3398708	3369261	3397662	3388544	0.49	cps
Dysprosium	156-1	43711	44132	44841	44228	1.29	cps
Dysprosium	156-2	33864	33366	33026	33419	1.26	cps
Erbium	164-1	48644	49313	49504	49154	0.92	cps
Erbium	164-2	32271	32431	32989	32564	1.16	cps
Gadolinium	160-1	43989	44437	45320	44582	1.52	cps
Gadolinium	160-2	31933	32077	32291	32100	0.56	cps
Holmium	165-1	11802570	11875906	11801407	11826628	0.36	cps
Holmium	165-2	8073619	7963321	7944296	7993745	0.87	cps
Indium	115-1	9737811	9653399	9788015	9726408	0.70	cps
Indium	115-2	3252699	3250346	3239400	3247482	0.22	cps
Iron	56-2	787999535	776871988	780278868	781716797	0.73	cps
Iron	57-2	19650935	19303528	19305736	19420066	1.03	cps
Iron	54-2	43029879	42971889	43084871	43028880	0.13	cps
Krypton	83-1	360	407	423	397	8.28	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	695906	692477	707222	698535	1.10	cps
Lead	207-1	616735	623991	621900	620875	0.60	cps
Lead	208-1	2785585	2802740	2824975	2804434	0.70	cps
Lithium	6-1	1646345	1661174	1638953	1648824	0.69	cps
Magnesium	24-2	22313431	22306156	22462404	22360663	0.39	cps
Manganese	55-2	15508171	15410186	15516188	15478181	0.38	cps
Molybdenum	94-1	73125	75245	74294	74221	1.43	cps
Molybdenum	95-1	7289	7595	7715	7533	2.92	cps
Molybdenum	96-1	26561	26230	26574	26455	0.74	cps
Molybdenum	97-1	4291	4754	4551	4532	5.13	cps
Molybdenum	98-1	11228	11428	11248	11301	0.98	cps
Neodymium	150-1	62099	62719	62628	62482	0.54	cps
Neodymium	150-2	35020	35695	35468	35394	0.97	cps
Nickel	60-2	363763	367953	366211	365976	0.58	cps
Phosphorus	31-2	23475	22941	23335	23250	1.19	cps
Potassium	39-2	3210194	3229873	3216767	3218944	0.31	cps
Rhodium	103-1	9334466	9264076	9130874	9243139	1.12	cps
Rhodium	103-2	5715687	5695090	5602610	5671129	1.06	cps
Scandium	45-1	7076425	7110507	7138437	7108457	0.44	cps
Scandium	45-2	650893	652411	650803	651369	0.14	cps
Selenium	82-1	904	834	840	859	4.54	cps
Selenium	77-2	137	203	187	176	19.76	cps
Selenium	78-2	517	570	593	560	7.02	cps
Silicon	28-1	25549724	25765889	25933328	25749647	0.75	cps
Silver	107-1	7482	7919	8356	7919	5.52	cps
Silver	109-1	7285	7219	7219	7241	0.53	cps
Sodium	23-2	291866	294599	291766	292744	0.55	cps
Strontium	86-1	269498	272384	274898	272260	0.99	cps
Strontium	88-1	2312547	2306764	2308290	2309200	0.13	cps
Sulfur	34-1	265811	266855	263348	265338	0.68	cps
Terbium	159-1	12216072	12093421	12038423	12115972	0.75	cps
Terbium	159-2	7924551	7871037	7961598	7919062	0.57	cps
Thallium	203-1	2164	2257	2240	2220	2.24	cps
Thallium	205-1	5228	5381	5244	5284	1.59	cps
Tin	118-1	28609	28538	28909	28685	0.69	cps
Titanium	47-1	4854722	4923366	4893896	4890661	0.70	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20726	20596	21741	21021	2.98	cps
Vanadium	51-2	1704244	1688357	1698887	1697163	0.48	cps
Yttrium	89-1	17932836	17804751	18091096	17942894	0.80	cps
Yttrium	89-2	4433850	4443045	4482202	4453033	0.58	cps
Zinc	66-2	341128	342404	342925	342153	0.27	cps
Zirconium	90-1	190556	192254	195541	192784	1.31	cps
Zirconium	91-1	42314	42933	42404	42550	0.79	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20745552	20538844	20063453	20449283	1.71	cps
Antimony	121-1	28241	29430	29153	28941	2.15	cps
Arsenic	75-2	134314	131664	131933	132637	1.10	cps
Barium	135-1	613780	629382	623195	622119	1.26	cps
Barium	137-1	1072378	1075616	1088790	1078928	0.81	cps
Beryllium	9-1	2027	1983	1963	1991	1.63	cps
Bismuth	209-1	6827543	6922050	6871061	6873551	0.69	cps
Bismuth	209-2	4603614	5104726	5294115	5000818	7.13	cps
Bromine	81-1	12809	13129	12716	12885	1.68	cps
Bromine	81-2	757	687	717	720	4.88	cps
Cadmium	108-1	1170	1230	1183	1195	2.64	cps
Cadmium	106-1	5234	5291	5084	5203	2.05	cps
Cadmium	111-1	12191	12192	12210	12198	0.09	cps
Calcium	43-1	451673	458268	461794	457245	1.12	cps
Calcium	44-1	6792511	6820270	6830239	6814340	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1235714	1219182	1219603	1224833	0.77	cps
Cobalt	59-2	1139067	1132420	1125436	1132307	0.60	cps
Copper	63-2	3636145	3604259	3611124	3617176	0.46	cps
Dysprosium	156-1	44166	45972	45985	45374	2.31	cps
Dysprosium	156-2	34910	35060	34783	34918	0.40	cps
Erbium	164-1	51003	51786	51719	51502	0.84	cps
Erbium	164-2	34847	34650	34620	34705	0.36	cps
Gadolinium	160-1	45938	47397	48600	47312	2.82	cps
Gadolinium	160-2	34101	34255	34619	34325	0.78	cps
Holmium	165-1	11301099	11194403	11423407	11306303	1.01	cps
Holmium	165-2	6687415	7480626	7792421	7320154	7.78	cps
Indium	115-1	9457209	9466807	9421948	9448655	0.25	cps
Indium	115-2	2811689	3148981	3140885	3033852	6.34	cps
Iron	56-2	747116736	748024762	732479669	742540389	1.17	cps
Iron	57-2	18269464	18070812	18180021	18173432	0.55	cps
Iron	54-2	41120801	40449984	40505727	40692171	0.91	cps
Krypton	83-1	443	447	467	452	2.79	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1124414	1142118	1140966	1135833	0.87	cps
Lead	207-1	1000294	1017601	1029707	1015867	1.46	cps
Lead	208-1	4746488	4854463	4857843	4819598	1.31	cps
Lithium	6-1	1623985	1607957	1622132	1618025	0.54	cps
Magnesium	24-2	21677901	21445606	21362321	21495276	0.76	cps
Manganese	55-2	12880083	12951680	12648996	12826920	1.23	cps
Molybdenum	94-1	70713	72177	73145	72011	1.70	cps
Molybdenum	95-1	7806	7969	8076	7950	1.71	cps
Molybdenum	96-1	25956	26892	26250	26366	1.81	cps
Molybdenum	97-1	4757	4824	4908	4830	1.56	cps
Molybdenum	98-1	11805	12158	11815	11926	1.69	cps
Neodymium	150-1	62598	63268	63362	63076	0.66	cps
Neodymium	150-2	36076	36106	36066	36083	0.06	cps
Nickel	60-2	350597	348168	344647	347804	0.86	cps
Phosphorus	31-2	28560	28403	28550	28504	0.31	cps
Potassium	39-2	4197122	4176552	4173934	4182536	0.30	cps
Rhodium	103-1	8989075	8993795	9022516	9001796	0.20	cps
Rhodium	103-2	4752326	5375139	5447371	5191612	7.36	cps
Scandium	45-1	6891861	6917619	6962211	6923897	0.51	cps
Scandium	45-2	562534	618749	632526	604603	6.13	cps
Selenium	82-1	720	689	717	709	2.39	cps
Selenium	77-2	173	163	203	180	11.56	cps
Selenium	78-2	540	590	527	552	6.05	cps
Silicon	28-1	33804963	34300436	34070967	34058789	0.73	cps
Silver	107-1	12652	12712	12352	12572	1.54	cps
Silver	109-1	11505	12028	11902	11812	2.31	cps
Sodium	23-2	254762	255578	255744	255361	0.21	cps
Strontium	86-1	253613	257936	259846	257131	1.24	cps
Strontium	88-1	2191503	2205342	2183367	2193404	0.51	cps
Sulfur	34-1	271298	274969	271780	272682	0.73	cps
Terbium	159-1	11552267	11755491	11858276	11722011	1.33	cps
Terbium	159-2	6695484	7538383	7833858	7355908	8.03	cps
Thallium	203-1	2377	2467	2450	2431	1.97	cps
Thallium	205-1	5675	5818	5875	5789	1.78	cps
Tin	118-1	31795	31678	32440	31971	1.28	cps
Titanium	47-1	3724030	3791612	3778832	3764825	0.95	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21384	22245	22699	22110	3.02	cps
Vanadium	51-2	1750077	1697432	1704510	1717339	1.66	cps
Yttrium	89-1	17283983	17471505	17515766	17423751	0.71	cps
Yttrium	89-2	3830546	4213741	4351460	4131916	6.53	cps
Zinc	66-2	404263	403990	400571	402941	0.51	cps
Zirconium	90-1	184382	189307	189891	187860	1.61	cps
Zirconium	91-1	41562	42505	42114	42060	1.13	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21316556	21475436	21712839	21501610	0.93	cps
Antimony	121-1	31501	31979	31257	31579	1.16	cps
Arsenic	75-2	137887	138704	137123	137904	0.57	cps
Barium	135-1	640713	644423	640414	641850	0.35	cps
Barium	137-1	1105255	1118032	1118796	1114027	0.68	cps
Beryllium	9-1	1927	2290	2020	2079	9.08	cps
Bismuth	209-1	6953914	6952207	6899032	6935051	0.45	cps
Bismuth	209-2	5433451	5391973	5395553	5406992	0.43	cps
Bromine	81-1	11715	12172	11852	11913	1.97	cps
Bromine	81-2	560	660	660	627	9.21	cps
Cadmium	108-1	1067	1163	1333	1188	11.37	cps
Cadmium	106-1	5021	4911	5101	5011	1.90	cps
Cadmium	111-1	12655	12393	12241	12430	1.69	cps
Calcium	43-1	475364	479119	482392	478958	0.73	cps
Calcium	44-1	7076517	7131076	7220539	7142711	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1295679	1288214	1288549	1290814	0.33	cps
Cobalt	59-2	1169722	1166604	1154475	1163600	0.69	cps
Copper	63-2	3679252	3723247	3688260	3696920	0.63	cps
Dysprosium	156-1	46821	47731	47343	47298	0.97	cps
Dysprosium	156-2	36133	35722	36491	36115	1.06	cps
Erbium	164-1	53134	53987	53559	53560	0.80	cps
Erbium	164-2	35699	36397	35792	35963	1.05	cps
Gadolinium	160-1	48357	50046	48902	49101	1.76	cps
Gadolinium	160-2	34756	34786	35034	34859	0.44	cps
Holmium	165-1	11498725	11659731	11555838	11571431	0.71	cps
Holmium	165-2	7861638	7868120	7828755	7852838	0.27	cps
Indium	115-1	9533471	9608343	9445656	9529157	0.85	cps
Indium	115-2	3232059	3275192	3180746	3229333	1.46	cps
Iron	56-2	772232975	772138548	776411802	773594442	0.32	cps
Iron	57-2	19035582	18983614	19074146	19031114	0.24	cps
Iron	54-2	42674729	42307854	42856618	42613067	0.66	cps
Krypton	83-1	390	437	360	396	9.77	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1161739	1176721	1170513	1169658	0.64	cps
Lead	207-1	1044041	1049837	1038991	1044290	0.52	cps
Lead	208-1	4911074	4954661	4878617	4914784	0.78	cps
Lithium	6-1	1673173	1609693	1604132	1628999	2.35	cps
Magnesium	24-2	22695661	22686109	22925835	22769201	0.60	cps
Manganese	55-2	13223023	13290811	13381306	13298380	0.60	cps
Molybdenum	94-1	74981	77832	76053	76288	1.89	cps
Molybdenum	95-1	8342	8272	8086	8234	1.61	cps
Molybdenum	96-1	27362	27232	27653	27416	0.79	cps
Molybdenum	97-1	4818	5021	4984	4941	2.19	cps
Molybdenum	98-1	12055	12209	12359	12207	1.24	cps
Neodymium	150-1	64510	66597	64899	65335	1.70	cps
Neodymium	150-2	36902	36497	37082	36827	0.81	cps
Nickel	60-2	363147	365718	367059	365308	0.54	cps
Phosphorus	31-2	30113	29869	29842	29942	0.50	cps
Potassium	39-2	4348153	4401142	4370733	4373343	0.61	cps
Rhodium	103-1	9129786	9080678	9131102	9113855	0.32	cps
Rhodium	103-2	5544272	5593135	5573555	5570321	0.44	cps
Scandium	45-1	6936762	6905314	6989062	6943713	0.61	cps
Scandium	45-2	644712	649138	644776	646209	0.39	cps
Selenium	82-1	792	762	797	783	2.38	cps
Selenium	77-2	147	153	167	156	6.55	cps
Selenium	78-2	550	577	443	523	13.48	cps
Silicon	28-1	32843196	32879832	32643415	32788815	0.39	cps
Silver	107-1	12362	12676	12556	12531	1.26	cps
Silver	109-1	11972	12542	11998	12171	2.65	cps
Sodium	23-2	260404	262329	264719	262484	0.82	cps
Strontium	86-1	262525	269843	267387	266585	1.40	cps
Strontium	88-1	2309364	2315034	2351369	2325255	0.98	cps
Sulfur	34-1	265448	265208	267442	266032	0.46	cps
Terbium	159-1	11732621	12027025	11787975	11849207	1.32	cps
Terbium	159-2	7909248	7680769	7879392	7823136	1.59	cps
Thallium	203-1	2360	2427	2577	2455	4.52	cps
Thallium	205-1	5788	5788	5631	5736	1.58	cps
Tin	118-1	31782	32400	32540	32241	1.25	cps
Titanium	47-1	3979239	4013043	4099072	4030451	1.53	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22586	22449	22522	22519	0.30	cps
Vanadium	51-2	1786430	1782834	1795090	1788118	0.35	cps
Yttrium	89-1	17699896	17697304	17755062	17717421	0.18	cps
Yttrium	89-2	4429253	4423808	4366637	4406566	0.79	cps
Zinc	66-2	417854	418645	417710	418070	0.12	cps
Zirconium	90-1	195277	197826	199773	197625	1.14	cps
Zirconium	91-1	43060	44965	44424	44150	2.22	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3982421	3971635	3991313	3981790	0.25	cps
Antimony	121-1	5931	6265	6195	6130	2.87	cps
Arsenic	75-2	26036	25990	26854	26293	1.85	cps
Barium	135-1	120978	124095	122199	122424	1.28	cps
Barium	137-1	213385	213878	212352	213205	0.37	cps
Beryllium	9-1	403	400	397	400	0.83	cps
Bismuth	209-1	7126299	7071959	7245656	7147971	1.24	cps
Bismuth	209-2	5476782	5566232	5575202	5539405	0.98	cps
Bromine	81-1	9623	9987	9667	9759	2.03	cps
Bromine	81-2	183	163	197	181	9.26	cps
Cadmium	108-1	187	290	223	233	22.45	cps
Cadmium	106-1	3607	3497	3347	3484	3.75	cps
Cadmium	111-1	4304	4152	4137	4198	2.21	cps
Calcium	43-1	89056	88711	89944	89237	0.71	cps
Calcium	44-1	1361591	1376550	1386120	1374753	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241044	240460	241267	240924	0.17	cps
Cobalt	59-2	223053	221547	222173	222258	0.34	cps
Copper	63-2	722986	721643	723087	722572	0.11	cps
Dysprosium	156-1	9517	9236	9223	9325	1.78	cps
Dysprosium	156-2	6842	6762	7018	6874	1.91	cps
Erbium	164-1	9954	10331	10150	10145	1.86	cps
Erbium	164-2	6972	7072	7085	7043	0.88	cps
Gadolinium	160-1	9270	9437	9143	9283	1.59	cps
Gadolinium	160-2	6835	6982	6922	6913	1.07	cps
Holmium	165-1	11952825	11608795	11517426	11693015	1.96	cps
Holmium	165-2	7825781	8033663	7947879	7935774	1.32	cps
Indium	115-1	9781603	9577514	9569206	9642775	1.25	cps
Indium	115-2	3291649	3301671	3342545	3311955	0.81	cps
Iron	56-2	145598281	145234248	145661485	145498005	0.16	cps
Iron	57-2	3555571	3554314	3512958	3540948	0.68	cps
Iron	54-2	7958285	7959213	8016034	7977844	0.41	cps
Krypton	83-1	367	377	363	369	1.88	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	228144	228776	230383	229101	0.50	cps
Lead	207-1	201459	205698	205132	204096	1.13	cps
Lead	208-1	911258	921425	921840	918175	0.65	cps
Lithium	6-1	1683962	1646602	1649302	1659956	1.26	cps
Magnesium	24-2	4198228	4164303	4216732	4193088	0.63	cps
Manganese	55-2	2520476	2509750	2524159	2518128	0.30	cps
Molybdenum	94-1	13256	14360	14184	13933	4.26	cps
Molybdenum	95-1	1750	1593	1723	1689	4.96	cps
Molybdenum	96-1	5298	5538	5334	5390	2.40	cps
Molybdenum	97-1	1150	1013	1083	1082	6.32	cps
Molybdenum	98-1	2687	2537	2690	2638	3.32	cps
Neodymium	150-1	12636	13039	12836	12837	1.57	cps
Neodymium	150-2	6922	6972	6772	6888	1.51	cps
Nickel	60-2	68887	69038	69008	68978	0.12	cps
Phosphorus	31-2	5808	5664	5578	5683	2.04	cps
Potassium	39-2	951638	947258	957208	952035	0.52	cps
Rhodium	103-1	9266251	9388610	9292043	9315635	0.69	cps
Rhodium	103-2	5605189	5653578	5740689	5666485	1.21	cps
Scandium	45-1	6414404	6491999	6416716	6441040	0.69	cps
Scandium	45-2	585948	582637	590028	586204	0.63	cps
Selenium	82-1	504	570	547	540	6.24	cps
Selenium	77-2	43	33	63	47	32.74	cps
Selenium	78-2	410	320	423	384	14.62	cps
Silicon	28-1	6534853	6587448	6514348	6545550	0.58	cps
Silver	107-1	2544	2527	2657	2576	2.75	cps
Silver	109-1	2404	2397	2344	2381	1.38	cps
Sodium	23-2	106612	107265	106478	106785	0.39	cps
Strontium	86-1	49399	51138	50593	50377	1.77	cps
Strontium	88-1	437113	438479	441164	438919	0.47	cps
Sulfur	34-1	241976	239078	237034	239363	1.04	cps
Terbium	159-1	12029879	12081572	11822525	11977992	1.14	cps
Terbium	159-2	7735410	7787179	7912928	7811839	1.17	cps
Thallium	203-1	620	553	603	592	5.86	cps
Thallium	205-1	1490	1493	1367	1450	4.98	cps
Tin	118-1	7725	7799	7535	7687	1.77	cps
Titanium	47-1	747629	754437	750751	750939	0.45	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4561	4294	4191	4349	4.39	cps
Vanadium	51-2	347005	347491	345418	346638	0.31	cps
Yttrium	89-1	16651434	16865837	17012408	16843226	1.08	cps
Yttrium	89-2	4172595	4197716	4266331	4212214	1.15	cps
Zinc	66-2	81715	82232	81068	81672	0.71	cps
Zirconium	90-1	35379	36047	35727	35718	0.94	cps
Zirconium	91-1	8046	7855	7952	7951	1.20	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21623981	21573239	21461846	21553022	0.38	cps
Antimony	121-1	698889	708790	707407	705029	0.76	cps
Arsenic	75-2	154979	155164	151898	154014	1.19	cps
Barium	135-1	4384008	4497358	4444442	4441936	1.28	cps
Barium	137-1	7507543	7601805	7693432	7600927	1.22	cps
Beryllium	9-1	67489	67003	69243	67912	1.74	cps
Bismuth	209-1	6984903	7083822	7018847	7029190	0.72	cps
Bismuth	209-2	5472245	5504004	5435449	5470566	0.63	cps
Bromine	81-1	12035	12132	11758	11975	1.62	cps
Bromine	81-2	617	657	633	636	3.16	cps
Cadmium	108-1	6972	7002	7048	7007	0.55	cps
Cadmium	106-1	13403	12849	12859	13037	2.43	cps
Cadmium	111-1	99219	99911	100835	99988	0.81	cps
Calcium	43-1	465999	473542	473431	470991	0.92	cps
Calcium	44-1	7041612	7080151	7124038	7081934	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1912449	1916324	1944654	1924476	0.91	cps
Cobalt	59-2	3847841	3873347	3885295	3868828	0.49	cps
Copper	63-2	4678344	4643200	4563049	4628198	1.28	cps
Dysprosium	156-1	47574	46407	47614	47198	1.45	cps
Dysprosium	156-2	37035	35969	36200	36402	1.54	cps
Erbium	164-1	52438	54339	54349	53708	2.05	cps
Erbium	164-2	35358	35732	35802	35631	0.67	cps
Gadolinium	160-1	48892	48444	49109	48815	0.70	cps
Gadolinium	160-2	34980	34894	35244	35039	0.52	cps
Holmium	165-1	11835206	11763720	11661027	11753318	0.74	cps
Holmium	165-2	8080100	7986253	8157553	8074636	1.06	cps
Indium	115-1	9500171	9713821	9647619	9620537	1.14	cps
Indium	115-2	3264278	3339139	3296018	3299812	1.14	cps
Iron	56-2	770875642	764525375	763426495	766275837	0.52	cps
Iron	57-2	19182833	18990499	18940526	19037953	0.67	cps
Iron	54-2	42139811	41902458	41752124	41931464	0.47	cps
Krypton	83-1	463	423	463	450	5.13	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1266304	1290040	1277956	1278100	0.93	cps
Lead	207-1	1124862	1144662	1146936	1138820	1.07	cps
Lead	208-1	5327866	5377993	5394221	5366693	0.64	cps
Lithium	6-1	1631914	1634453	1674577	1646981	1.45	cps
Magnesium	24-2	22392420	22051958	22169063	22204480	0.78	cps
Manganese	55-2	14516761	14306769	14252599	14358709	0.97	cps
Molybdenum	94-1	73185	74913	75557	74552	1.65	cps
Molybdenum	95-1	8576	8256	8326	8386	2.01	cps
Molybdenum	96-1	27362	27155	27155	27224	0.44	cps
Molybdenum	97-1	4894	5061	4777	4911	2.90	cps
Molybdenum	98-1	12462	13046	13223	12910	3.08	cps
Neodymium	150-1	64684	66546	66302	65844	1.54	cps
Neodymium	150-2	37901	37049	37577	37509	1.15	cps
Nickel	60-2	1062577	1057021	1057493	1059031	0.29	cps
Phosphorus	31-2	29966	29722	29552	29747	0.70	cps
Potassium	39-2	4352755	4331282	4291466	4325168	0.72	cps
Rhodium	103-1	9155876	9293902	9215634	9221804	0.75	cps
Rhodium	103-2	5677439	5706248	5673702	5685796	0.31	cps
Scandium	45-1	7001296	7019234	7124914	7048481	0.95	cps
Scandium	45-2	651797	650280	647579	649885	0.33	cps
Selenium	82-1	15490	15970	16120	15860	2.08	cps
Selenium	77-2	1580	1610	1710	1633	4.17	cps
Selenium	78-2	5268	5334	5368	5323	0.96	cps
Silicon	28-1	33178402	32750063	33402528	33110331	1.00	cps
Silver	107-1	417428	422797	425566	421930	0.98	cps
Silver	109-1	391681	396845	397251	395259	0.79	cps
Sodium	23-2	254897	254727	256455	255360	0.37	cps
Strontium	86-1	263044	264628	269714	265795	1.31	cps
Strontium	88-1	2272945	2332882	2292237	2299355	1.33	cps
Sulfur	34-1	263122	264515	265769	264469	0.50	cps
Terbium	159-1	11954151	11950941	12104724	12003272	0.73	cps
Terbium	159-2	8038340	8057304	7972883	8022842	0.55	cps
Thallium	203-1	272999	281893	279975	278289	1.68	cps
Thallium	205-1	664490	673174	668446	668703	0.65	cps
Tin	118-1	32674	32490	32199	32454	0.74	cps
Titanium	47-1	3897362	3927327	3986833	3937174	1.16	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22452	23244	23421	23039	2.24	cps
Vanadium	51-2	3306224	3291118	3350707	3316016	0.93	cps
Yttrium	89-1	17633596	17872192	17856331	17787373	0.75	cps
Yttrium	89-2	4486718	4555985	4454766	4499156	1.15	cps
Zinc	66-2	723661	721379	719071	721370	0.32	cps
Zirconium	90-1	190026	193825	195179	193010	1.38	cps
Zirconium	91-1	42485	42765	43066	42772	0.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22270387	22066785	22294503	22210558	0.56	cps
Antimony	121-1	3262467	3332235	3350815	3315172	1.41	cps
Arsenic	75-2	209666	207746	209545	208986	0.51	cps
Barium	135-1	17484920	17540249	17290223	17438464	0.75	cps
Barium	137-1	29718585	30280677	30026136	30008466	0.94	cps
Beryllium	9-1	289466	294916	295308	293230	1.11	cps
Bismuth	209-1	7178870	7229818	7155186	7187958	0.53	cps
Bismuth	209-2	5503442	5580176	5577533	5553717	0.78	cps
Bromine	81-1	12138	11858	12279	12092	1.77	cps
Bromine	81-2	607	607	620	611	1.26	cps
Cadmium	108-1	28742	29497	29363	29201	1.38	cps
Cadmium	106-1	43966	43772	43502	43747	0.53	cps
Cadmium	111-1	429972	432631	439896	434166	1.18	cps
Calcium	43-1	456916	460882	462349	460049	0.61	cps
Calcium	44-1	6818136	6903736	6944922	6888931	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4381539	4326066	4353946	4353850	0.64	cps
Cobalt	59-2	13297830	12966587	13151569	13138662	1.26	cps
Copper	63-2	7717159	7684838	7780077	7727358	0.63	cps
Dysprosium	156-1	45427	46289	46707	46141	1.42	cps
Dysprosium	156-2	36130	36210	35749	36030	0.68	cps
Erbium	164-1	52448	53546	53305	53099	1.09	cps
Erbium	164-2	35595	35325	35361	35427	0.41	cps
Gadolinium	160-1	47764	49042	48614	48474	1.34	cps
Gadolinium	160-2	34369	34599	34172	34380	0.62	cps
Holmium	165-1	11799768	12007917	11795040	11867575	1.02	cps
Holmium	165-2	8018946	8094779	8070836	8061520	0.48	cps
Indium	115-1	9560676	9767355	9785309	9704446	1.29	cps
Indium	115-2	3259630	3266997	3229963	3252197	0.60	cps
Iron	56-2	754331429	752784549	766443829	757853269	0.99	cps
Iron	57-2	18542670	18595204	18839444	18659106	0.85	cps
Iron	54-2	41738354	41537908	41756409	41677557	0.29	cps
Krypton	83-1	393	470	423	429	9.01	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1591465	1775808	1775887	1714387	6.21	cps
Lead	207-1	1419602	1427253	1439650	1428835	0.71	cps
Lead	208-1	6745247	7038741	6941173	6908387	2.16	cps
Lithium	6-1	1663113	1694269	1667377	1674920	1.01	cps
Magnesium	24-2	21641151	21692072	21620253	21651159	0.17	cps
Manganese	55-2	18389802	18192161	18482540	18354834	0.81	cps
Molybdenum	94-1	72930	73872	74173	73658	0.88	cps
Molybdenum	95-1	8362	8529	8633	8508	1.60	cps
Molybdenum	96-1	26928	26741	27179	26949	0.81	cps
Molybdenum	97-1	4981	4931	4924	4945	0.63	cps
Molybdenum	98-1	12726	12932	12966	12875	1.01	cps
Neodymium	150-1	64061	65083	65608	64917	1.21	cps
Neodymium	150-2	36912	37055	36858	36942	0.28	cps
Nickel	60-2	3475725	3432355	3489290	3465790	0.86	cps
Phosphorus	31-2	28574	28436	28640	28550	0.36	cps
Potassium	39-2	4194179	4240649	4183274	4206034	0.72	cps
Rhodium	103-1	9133839	9121821	9176070	9143910	0.31	cps
Rhodium	103-2	5661754	5692598	5535570	5629974	1.48	cps
Scandium	45-1	6951645	6937168	6986582	6958465	0.37	cps
Scandium	45-2	634256	642024	636496	637592	0.63	cps
Selenium	82-1	62358	63797	63619	63258	1.24	cps
Selenium	77-2	6298	6275	6291	6288	0.19	cps
Selenium	78-2	19984	20524	19920	20143	1.65	cps
Silicon	28-1	33200080	33250914	33327212	33259402	0.19	cps
Silver	107-1	1323581	1282652	1277919	1294717	1.94	cps
Silver	109-1	1334923	1294153	1409577	1346218	4.35	cps
Sodium	23-2	247312	249336	249246	248631	0.46	cps
Strontium	86-1	257984	262643	260696	260441	0.90	cps
Strontium	88-1	2198498	2261840	2254426	2238255	1.55	cps
Sulfur	34-1	258094	257156	259304	258185	0.42	cps
Terbium	159-1	12059472	12163440	12296287	12173066	0.98	cps
Terbium	159-2	8125390	7974197	7954031	8017873	1.17	cps
Thallium	203-1	1348684	1370310	1366893	1361962	0.85	cps
Thallium	205-1	3523143	3498605	3536408	3519385	0.54	cps
Tin	118-1	30973	30887	31237	31032	0.59	cps
Titanium	47-1	3796698	3854078	3805964	3818913	0.81	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22469	23020	22689	22726	1.22	cps
Vanadium	51-2	8690848	8582248	8588431	8620509	0.71	cps
Yttrium	89-1	17540593	17699685	17589255	17609844	0.46	cps
Yttrium	89-2	4427851	4490321	4463259	4460477	0.70	cps
Zinc	66-2	1758258	1722421	1756316	1745665	1.15	cps
Zirconium	90-1	185236	192642	191052	189643	2.06	cps
Zirconium	91-1	42381	42645	42692	42573	0.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21463138	21799354	21587853	21616782	0.79	cps
Antimony	121-1	37225	36814	38234	37424	1.95	cps
Arsenic	75-2	142630	143553	144943	143709	0.81	cps
Barium	135-1	619596	633917	627508	627007	1.14	cps
Barium	137-1	1063390	1094967	1097090	1085149	1.74	cps
Beryllium	9-1	2160	1990	2237	2129	5.93	cps
Bismuth	209-1	7151544	7100701	7045257	7099167	0.75	cps
Bismuth	209-2	5317237	5280899	5445959	5348032	1.62	cps
Bromine	81-1	12766	12599	12986	12783	1.52	cps
Bromine	81-2	740	650	737	709	7.20	cps
Cadmium	108-1	1060	1157	1107	1108	4.36	cps
Cadmium	106-1	5044	4938	4991	4991	1.07	cps
Cadmium	111-1	12442	12333	12249	12341	0.79	cps
Calcium	43-1	425967	440691	442154	436271	2.05	cps
Calcium	44-1	6445396	6662483	6763888	6623922	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1246591	1243764	1242026	1244127	0.19	cps
Cobalt	59-2	1032432	1027685	1024806	1028308	0.37	cps
Copper	63-2	3503060	3534040	3538518	3525206	0.55	cps
Dysprosium	156-1	41618	42671	43069	42453	1.77	cps
Dysprosium	156-2	33025	33363	33503	33297	0.74	cps
Erbium	164-1	46621	46768	46711	46700	0.16	cps
Erbium	164-2	31151	31345	31502	31333	0.56	cps
Gadolinium	160-1	42424	43186	42869	42826	0.89	cps
Gadolinium	160-2	31028	30410	31753	31063	2.16	cps
Holmium	165-1	11410616	11625132	11620176	11551975	1.06	cps
Holmium	165-2	7957678	7925938	7857006	7913540	0.65	cps
Indium	115-1	9340826	9502026	9510490	9451114	1.01	cps
Indium	115-2	3217912	3241712	3208037	3222554	0.54	cps
Iron	56-2	779973588	779216735	774347322	777845882	0.39	cps
Iron	57-2	18818590	18884541	18907098	18870076	0.24	cps
Iron	54-2	42805044	42222315	42989123	42672161	0.94	cps
Krypton	83-1	473	357	457	429	14.71	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1176768	1191336	1195682	1187929	0.83	cps
Lead	207-1	1035522	1067075	1063329	1055309	1.63	cps
Lead	208-1	4983237	5071073	5124552	5059621	1.41	cps
Lithium	6-1	1592818	1625946	1614514	1611093	1.04	cps
Magnesium	24-2	22068929	22220451	21958461	22082614	0.60	cps
Manganese	55-2	13994288	14048952	14001516	14014919	0.21	cps
Molybdenum	94-1	77721	78633	80161	78838	1.56	cps
Molybdenum	95-1	12252	12252	12555	12353	1.42	cps
Molybdenum	96-1	31086	32526	32342	31985	2.45	cps
Molybdenum	97-1	7402	7665	7782	7616	2.56	cps
Molybdenum	98-1	18966	19950	19440	19452	2.53	cps
Neodymium	150-1	62337	62642	62990	62656	0.52	cps
Neodymium	150-2	35261	35144	35391	35265	0.35	cps
Nickel	60-2	346193	345030	347795	346339	0.40	cps
Phosphorus	31-2	27244	28032	27475	27584	1.47	cps
Potassium	39-2	5260577	5222570	5200826	5227991	0.58	cps
Rhodium	103-1	8851979	9048641	9158227	9019615	1.72	cps
Rhodium	103-2	5637524	5614154	5646139	5632606	0.29	cps
Scandium	45-1	6761320	6917044	7098778	6925714	2.44	cps
Scandium	45-2	638741	636391	642492	639208	0.48	cps
Selenium	82-1	767	967	811	849	12.35	cps
Selenium	77-2	180	177	180	179	1.07	cps
Selenium	78-2	580	597	577	584	1.83	cps
Silicon	28-1	29832977	30176260	30226939	30078725	0.71	cps
Silver	107-1	13750	12822	12649	13074	4.53	cps
Silver	109-1	12415	12232	11805	12151	2.58	cps
Sodium	23-2	303930	304449	305993	304791	0.35	cps
Strontium	86-1	208522	213150	214310	211994	1.44	cps
Strontium	88-1	1801255	1808477	1824028	1811253	0.64	cps
Sulfur	34-1	264069	265452	267876	265799	0.73	cps
Terbium	159-1	11819352	11995930	11833190	11882824	0.83	cps
Terbium	159-2	7946689	7822705	8005499	7924964	1.18	cps
Thallium	203-1	3154	3374	3254	3260	3.38	cps
Thallium	205-1	7712	7936	7732	7793	1.59	cps
Tin	118-1	38622	39274	38715	38870	0.91	cps
Titanium	47-1	4504744	4616912	4677948	4599868	1.91	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21951	22846	23170	22656	2.79	cps
Vanadium	51-2	1703860	1691886	1729678	1708475	1.13	cps
Yttrium	89-1	17382611	17494002	17494393	17457002	0.37	cps
Yttrium	89-2	4386640	4389721	4432677	4403013	0.58	cps
Zinc	66-2	523847	525846	524382	524692	0.20	cps
Zirconium	90-1	194527	199783	200802	198371	1.70	cps
Zirconium	91-1	43381	44464	45156	44333	2.02	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25452233	25114218	25278343	25281598	0.67	cps
Antimony	121-1	14000	14424	14477	14301	1.83	cps
Arsenic	75-2	190422	189550	190037	190003	0.23	cps
Barium	135-1	1362369	1381187	1406801	1383452	1.61	cps
Barium	137-1	2452036	2503810	2471401	2475749	1.06	cps
Beryllium	9-1	2647	2687	2914	2749	5.23	cps
Bismuth	209-1	6950813	7174895	7179307	7101672	1.84	cps
Bismuth	209-2	5445647	5422712	5486730	5451696	0.59	cps
Bromine	81-1	13026	12866	13026	12972	0.71	cps
Bromine	81-2	823	827	823	824	0.23	cps
Cadmium	108-1	807	807	690	768	8.77	cps
Cadmium	106-1	4954	4844	5071	4956	2.29	cps
Cadmium	111-1	10976	10892	11279	11049	1.84	cps
Calcium	43-1	412269	417489	418704	416154	0.82	cps
Calcium	44-1	6143479	6183422	6391810	6239570	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1056400	1044507	1045485	1048797	0.63	cps
Cobalt	59-2	953772	948301	950555	950876	0.29	cps
Copper	63-2	3174200	3170279	3145659	3163379	0.49	cps
Dysprosium	156-1	82413	83365	83463	83081	0.70	cps
Dysprosium	156-2	63529	63238	62950	63239	0.46	cps
Erbium	164-1	91010	92088	91521	91539	0.59	cps
Erbium	164-2	59911	59181	60533	59875	1.13	cps
Gadolinium	160-1	83379	86035	86358	85257	1.92	cps
Gadolinium	160-2	61785	60229	60514	60843	1.36	cps
Holmium	165-1	11948593	11820166	11853030	11873930	0.56	cps
Holmium	165-2	8056291	8044910	8139710	8080304	0.64	cps
Indium	115-1	9537241	9627796	9834513	9666516	1.58	cps
Indium	115-2	3283482	3207794	3277151	3256142	1.29	cps
Iron	56-2	961644279	951768012	954979026	956130439	0.53	cps
Iron	57-2	23920933	23407166	23588799	23638966	1.10	cps
Iron	54-2	53141459	52078394	52880049	52699968	1.05	cps
Krypton	83-1	490	550	477	506	7.73	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	866657	857751	861104	861837	0.52	cps
Lead	207-1	745572	763481	776368	761807	2.03	cps
Lead	208-1	3613321	3620033	3637957	3623771	0.35	cps
Lithium	6-1	1682023	1641203	1658527	1660584	1.23	cps
Magnesium	24-2	27958182	27529210	27743727	27743707	0.77	cps
Manganese	55-2	16464201	16401426	16301119	16388915	0.50	cps
Molybdenum	94-1	62345	63500	64397	63414	1.62	cps
Molybdenum	95-1	10507	10954	11344	10935	3.83	cps
Molybdenum	96-1	29466	30589	30448	30168	2.03	cps
Molybdenum	97-1	6848	6692	6708	6749	1.28	cps
Molybdenum	98-1	16630	16706	16853	16730	0.68	cps
Neodymium	150-1	117010	121959	118369	119113	2.15	cps
Neodymium	150-2	66737	67092	65676	66502	1.11	cps
Nickel	60-2	356212	352208	354495	354305	0.57	cps
Phosphorus	31-2	39584	39658	40025	39756	0.59	cps
Potassium	39-2	7629489	7467836	7493521	7530282	1.15	cps
Rhodium	103-1	9090345	9193808	9207160	9163771	0.70	cps
Rhodium	103-2	5662771	5568537	5671649	5634319	1.01	cps
Scandium	45-1	7554078	7578561	7715954	7616198	1.15	cps
Scandium	45-2	699170	696927	696228	697442	0.22	cps
Selenium	82-1	745	697	749	730	3.97	cps
Selenium	77-2	350	283	307	313	10.80	cps
Selenium	78-2	567	617	630	604	5.52	cps
Silicon	28-1	32485776	33284699	33173336	32981270	1.31	cps
Silver	107-1	8859	8896	9080	8945	1.32	cps
Silver	109-1	8453	8613	8699	8588	1.46	cps
Sodium	23-2	245772	243743	246322	245279	0.55	cps
Strontium	86-1	279287	283094	280340	280907	0.70	cps
Strontium	88-1	2440226	2417311	2432945	2430161	0.48	cps
Sulfur	34-1	266732	270765	269640	269046	0.77	cps
Terbium	159-1	12057012	12190629	12331550	12193064	1.13	cps
Terbium	159-2	7851415	7757060	7871788	7826754	0.78	cps
Thallium	203-1	3137	3137	3170	3148	0.61	cps
Thallium	205-1	7345	7576	7722	7548	2.52	cps
Tin	118-1	34094	34267	34127	34163	0.27	cps
Titanium	47-1	2330976	2364101	2365305	2353461	0.83	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25237	25337	25461	25345	0.44	cps
Vanadium	51-2	2978664	2892612	2886078	2919118	1.77	cps
Yttrium	89-1	18546622	18404061	18524908	18491864	0.42	cps
Yttrium	89-2	4587252	4583813	4652558	4607874	0.84	cps
Zinc	66-2	433794	434213	431936	433314	0.28	cps
Zirconium	90-1	154027	158828	159222	157359	1.84	cps
Zirconium	91-1	35252	35920	35997	35723	1.15	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9037545	8951465	8938964	8975991	0.60	cps
Antimony	121-1	11118	11238	11101	11152	0.67	cps
Arsenic	75-2	30759	31253	31009	31007	0.80	cps
Barium	135-1	773352	787237	790023	783537	1.14	cps
Barium	137-1	1323964	1355442	1351700	1343702	1.28	cps
Beryllium	9-1	2060	2184	2290	2178	5.29	cps
Bismuth	209-1	7281619	7202138	7235624	7239794	0.55	cps
Bismuth	209-2	5623028	5467749	5415969	5502249	1.96	cps
Bromine	81-1	12188	11858	11758	11935	1.89	cps
Bromine	81-2	493	543	453	497	9.08	cps
Cadmium	108-1	163	217	220	200	15.90	cps
Cadmium	106-1	4141	4024	3761	3975	4.90	cps
Cadmium	111-1	5591	5469	5329	5463	2.40	cps
Calcium	43-1	465432	475720	475464	472205	1.24	cps
Calcium	44-1	7014434	7108342	7093821	7072199	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274306	270484	270077	271622	0.86	cps
Cobalt	59-2	224278	223580	225992	224617	0.55	cps
Copper	63-2	601240	601669	598631	600513	0.27	cps
Dysprosium	156-1	84147	85072	83379	84199	1.01	cps
Dysprosium	156-2	71451	69009	70895	70451	1.82	cps
Erbium	164-1	60226	61019	59901	60382	0.95	cps
Erbium	164-2	40178	40442	40164	40261	0.39	cps
Gadolinium	160-1	75757	77067	75894	76239	0.94	cps
Gadolinium	160-2	54626	54194	54285	54368	0.42	cps
Holmium	165-1	11988835	12133923	11921676	12014811	0.90	cps
Holmium	165-2	8065174	8058349	8142322	8088615	0.58	cps
Indium	115-1	9868008	9821227	9699031	9796089	0.89	cps
Indium	115-2	3341165	3327971	3326498	3331878	0.24	cps
Iron	56-2	278872029	278953829	278182396	278669418	0.15	cps
Iron	57-2	6936197	7013036	6873358	6940863	1.01	cps
Iron	54-2	15569532	15360459	15303472	15411154	0.91	cps
Krypton	83-1	380	457	443	427	9.60	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	566941	578260	574410	573204	1.00	cps
Lead	207-1	497136	504092	499292	500174	0.71	cps
Lead	208-1	2253891	2286684	2270977	2270517	0.72	cps
Lithium	6-1	1656609	1640903	1636049	1644520	0.65	cps
Magnesium	24-2	6983257	7047047	6920691	6983665	0.90	cps
Manganese	55-2	4799866	4773354	4734337	4769186	0.69	cps
Molybdenum	94-1	14060	13780	14561	14134	2.80	cps
Molybdenum	95-1	6682	6605	6858	6715	1.94	cps
Molybdenum	96-1	11645	11611	11775	11677	0.74	cps
Molybdenum	97-1	4304	4174	4391	4290	2.54	cps
Molybdenum	98-1	10460	10554	10707	10574	1.18	cps
Neodymium	150-1	163103	164528	163105	163579	0.50	cps
Neodymium	150-2	91495	92491	91374	91786	0.67	cps
Nickel	60-2	81963	81781	82492	82079	0.45	cps
Phosphorus	31-2	51302	50597	51486	51128	0.92	cps
Potassium	39-2	5758333	5553732	5550749	5620938	2.12	cps
Rhodium	103-1	9407243	9345309	9396418	9382990	0.35	cps
Rhodium	103-2	5791201	5724916	5706143	5740753	0.78	cps
Scandium	45-1	6536928	6511213	6585389	6544510	0.58	cps
Scandium	45-2	603145	600438	592110	598564	0.96	cps
Selenium	82-1	650	624	596	623	4.29	cps
Selenium	77-2	273	313	297	294	6.82	cps
Selenium	78-2	693	600	603	632	8.38	cps
Silicon	28-1	27861707	27875664	28191766	27976379	0.67	cps
Silver	107-1	5491	5574	5885	5650	3.67	cps
Silver	109-1	5241	5328	5138	5235	1.82	cps
Sodium	23-2	291231	290932	290868	291010	0.07	cps
Strontium	86-1	303592	308723	309799	307372	1.08	cps
Strontium	88-1	2606969	2680444	2663316	2650243	1.45	cps
Sulfur	34-1	274141	269677	267764	270527	1.21	cps
Terbium	159-1	12255992	12112010	12142128	12170043	0.62	cps
Terbium	159-2	8032557	7941732	7973165	7982484	0.58	cps
Thallium	203-1	2617	2650	2697	2655	1.51	cps
Thallium	205-1	6235	6652	6538	6475	3.33	cps
Tin	118-1	44121	45084	44749	44651	1.09	cps
Titanium	47-1	1471548	1493430	1497263	1487413	0.93	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31447	31831	31664	31648	0.61	cps
Vanadium	51-2	494341	492059	493400	493267	0.23	cps
Yttrium	89-1	17870513	18091650	17922174	17961446	0.64	cps
Yttrium	89-2	4538118	4460455	4395818	4464797	1.60	cps
Zinc	66-2	305265	303505	303587	304119	0.33	cps
Zirconium	90-1	27138	27846	28531	27839	2.50	cps
Zirconium	91-1	5951	6371	6278	6200	3.56	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7289702	7214735	7222728	7242388	0.57	cps
Antimony	121-1	6762	6848	6805	6805	0.64	cps
Arsenic	75-2	16996	16953	17290	17080	1.07	cps
Barium	135-1	616015	623488	626653	622052	0.88	cps
Barium	137-1	1062480	1077365	1076804	1072216	0.79	cps
Beryllium	9-1	1997	2037	1947	1993	2.26	cps
Bismuth	209-1	7061553	6903444	6973144	6979380	1.14	cps
Bismuth	209-2	5430329	5395719	5430184	5418744	0.37	cps
Bromine	81-1	11885	11868	11798	11850	0.39	cps
Bromine	81-2	533	597	597	576	6.35	cps
Cadmium	108-1	227	183	153	188	19.63	cps
Cadmium	106-1	3797	3634	3560	3664	3.31	cps
Cadmium	111-1	4223	4255	4055	4178	2.57	cps
Calcium	43-1	460336	469619	470492	466816	1.21	cps
Calcium	44-1	6962563	7165467	7037249	7055093	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291411	289437	290884	290577	0.35	cps
Cobalt	59-2	177982	176733	180508	178408	1.08	cps
Copper	63-2	401411	397904	395198	398171	0.78	cps
Dysprosium	156-1	60038	61685	61367	61030	1.43	cps
Dysprosium	156-2	49517	50250	50059	49942	0.76	cps
Erbium	164-1	49434	50233	50173	49947	0.89	cps
Erbium	164-2	33356	33123	33293	33257	0.36	cps
Gadolinium	160-1	57742	57779	56765	57428	1.00	cps
Gadolinium	160-2	41655	41384	40642	41227	1.27	cps
Holmium	165-1	11633081	11454709	11759374	11615721	1.32	cps
Holmium	165-2	7935870	7845244	7812894	7864669	0.81	cps
Indium	115-1	9509639	9545593	9609529	9554920	0.53	cps
Indium	115-2	3251976	3222621	3198379	3224325	0.83	cps
Iron	56-2	207094810	205521010	203908577	205508132	0.78	cps
Iron	57-2	5031591	4991232	4963386	4995403	0.69	cps
Iron	54-2	11375125	11142990	11318776	11278964	1.07	cps
Krypton	83-1	353	363	440	386	12.30	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	339526	336592	340601	338906	0.61	cps
Lead	207-1	283397	282088	286307	283931	0.76	cps
Lead	208-1	1307409	1303350	1309739	1306832	0.25	cps
Lithium	6-1	1554644	1510342	1562305	1542430	1.82	cps
Magnesium	24-2	5467295	5476391	5425822	5456503	0.49	cps
Manganese	55-2	3470872	3416408	3426793	3438025	0.84	cps
Molybdenum	94-1	38217	38992	39282	38830	1.42	cps
Molybdenum	95-1	4477	4427	4704	4536	3.25	cps
Molybdenum	96-1	12632	13079	13259	12990	2.49	cps
Molybdenum	97-1	2897	2797	2370	2688	10.41	cps
Molybdenum	98-1	6822	6962	6845	6876	1.09	cps
Neodymium	150-1	117986	118823	119158	118656	0.51	cps
Neodymium	150-2	67394	65843	65448	66228	1.55	cps
Nickel	60-2	97273	98239	97847	97786	0.50	cps
Phosphorus	31-2	35809	35451	34896	35385	1.30	cps
Potassium	39-2	4583919	4576981	4515556	4558819	0.83	cps
Rhodium	103-1	9201054	9111609	9191106	9167923	0.53	cps
Rhodium	103-2	5615698	5594767	5639472	5616646	0.40	cps
Scandium	45-1	6425966	6360828	6381625	6389473	0.52	cps
Scandium	45-2	585883	585165	582349	584466	0.32	cps
Selenium	82-1	610	565	532	569	6.88	cps
Selenium	77-2	193	223	213	210	7.27	cps
Selenium	78-2	497	537	493	509	4.74	cps
Silicon	28-1	33179575	33428227	33379420	33329074	0.40	cps
Silver	107-1	3027	3060	3160	3083	2.25	cps
Silver	109-1	2814	2847	2867	2843	0.95	cps
Sodium	23-2	287764	286102	286293	286720	0.32	cps
Strontium	86-1	270197	274419	276821	273812	1.22	cps
Strontium	88-1	2328722	2355428	2360159	2348103	0.72	cps
Sulfur	34-1	244153	242180	239859	242064	0.89	cps
Terbium	159-1	11797927	11835237	11800969	11811378	0.18	cps
Terbium	159-2	7761848	7912572	7766449	7813623	1.10	cps
Thallium	203-1	2274	2227	2164	2221	2.49	cps
Thallium	205-1	5338	5154	5294	5262	1.82	cps
Tin	118-1	42285	42188	43121	42532	1.21	cps
Titanium	47-1	1229524	1255881	1250606	1245337	1.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39154	37884	38683	38574	1.66	cps
Vanadium	51-2	389686	388055	387120	388287	0.33	cps
Yttrium	89-1	17427946	17397347	17353626	17392973	0.21	cps
Yttrium	89-2	4382352	4367876	4359432	4369887	0.27	cps
Zinc	66-2	141893	141258	142516	141889	0.44	cps
Zirconium	90-1	101414	102749	103407	102523	0.99	cps
Zirconium	91-1	22998	22915	22858	22924	0.31	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12555441	12395144	12296278	12415621	1.05	cps
Antimony	121-1	13243	13290	13540	13357	1.20	cps
Arsenic	75-2	37213	36993	36478	36895	1.02	cps
Barium	135-1	1212373	1247362	1233816	1231184	1.43	cps
Barium	137-1	2197593	2187658	2240397	2208549	1.27	cps
Beryllium	9-1	3187	3097	3497	3260	6.44	cps
Bismuth	209-1	7023425	7039347	7032208	7031660	0.11	cps
Bismuth	209-2	5412868	5420027	5384189	5405695	0.35	cps
Bromine	81-1	12122	12826	12982	12643	3.63	cps
Bromine	81-2	867	807	840	838	3.59	cps
Cadmium	108-1	480	620	547	549	12.76	cps
Cadmium	106-1	4634	4284	4374	4431	4.10	cps
Cadmium	111-1	8416	8346	8550	8437	1.23	cps
Calcium	43-1	864134	880449	876632	873738	0.98	cps
Calcium	44-1	13039799	13097735	13021564	13053033	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343836	343098	344765	343900	0.24	cps
Cobalt	59-2	300025	294995	297324	297448	0.85	cps
Copper	63-2	946629	943924	939172	943242	0.40	cps
Dysprosium	156-1	97905	99875	99519	99100	1.06	cps
Dysprosium	156-2	80191	80291	81072	80518	0.60	cps
Erbium	164-1	84041	84020	85084	84382	0.72	cps
Erbium	164-2	56470	56651	55844	56322	0.75	cps
Gadolinium	160-1	94076	95708	95791	95192	1.02	cps
Gadolinium	160-2	69123	67706	68734	68521	1.07	cps
Holmium	165-1	11588111	11772146	11476803	11612353	1.28	cps
Holmium	165-2	7879557	7962748	7915472	7919259	0.53	cps
Indium	115-1	9486896	9704308	9650219	9613808	1.18	cps
Indium	115-2	3253858	3271854	3226305	3250673	0.71	cps
Iron	56-2	375246448	371510394	372471248	373076030	0.52	cps
Iron	57-2	9308566	9210536	9207576	9242226	0.62	cps
Iron	54-2	20598523	20516251	20241201	20451992	0.91	cps
Krypton	83-1	413	513	470	466	10.77	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	858459	873038	856937	862811	1.03	cps
Lead	207-1	751227	763913	763614	759585	0.95	cps
Lead	208-1	3596276	3631856	3620428	3616187	0.50	cps
Lithium	6-1	1599568	1595100	1525738	1573469	2.63	cps
Magnesium	24-2	9410767	9418354	9419564	9416228	0.05	cps
Manganese	55-2	6974044	6955704	6840726	6923491	1.04	cps
Molybdenum	94-1	70937	73064	73272	72425	1.78	cps
Molybdenum	95-1	7866	8026	7739	7877	1.82	cps
Molybdenum	96-1	22658	23312	23309	23093	1.63	cps
Molybdenum	97-1	4664	4831	4804	4766	1.88	cps
Molybdenum	98-1	11618	12289	11952	11953	2.81	cps
Neodymium	150-1	176423	179420	181590	179144	1.45	cps
Neodymium	150-2	102086	102456	101176	101906	0.65	cps
Nickel	60-2	122253	122831	121517	122200	0.54	cps
Phosphorus	31-2	50272	50323	50296	50297	0.05	cps
Potassium	39-2	6237274	6149368	6225856	6204166	0.77	cps
Rhodium	103-1	9051290	9114978	9029569	9065279	0.49	cps
Rhodium	103-2	5712950	5730811	5663508	5702423	0.61	cps
Scandium	45-1	6437541	6428502	6553114	6473053	1.07	cps
Scandium	45-2	602948	604809	602066	603274	0.23	cps
Selenium	82-1	793	672	720	728	8.36	cps
Selenium	77-2	473	390	457	440	10.02	cps
Selenium	78-2	687	710	697	698	1.68	cps
Silicon	28-1	36867832	37373329	37314774	37185312	0.74	cps
Silver	107-1	8006	8216	8426	8216	2.56	cps
Silver	109-1	7692	7675	7792	7720	0.82	cps
Sodium	23-2	357812	352702	353844	354786	0.76	cps
Strontium	86-1	483280	491982	491227	488830	0.99	cps
Strontium	88-1	4151242	4226193	4243287	4206907	1.16	cps
Sulfur	34-1	256023	259067	260823	258638	0.94	cps
Terbium	159-1	11964291	12014331	12094979	12024534	0.55	cps
Terbium	159-2	7774448	7757642	7794614	7775568	0.24	cps
Thallium	203-1	3210	3060	3010	3094	3.37	cps
Thallium	205-1	7492	7202	7322	7339	1.99	cps
Tin	118-1	213350	217319	218637	216435	1.27	cps
Titanium	47-1	1762113	1791374	1786065	1779851	0.88	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33031	32854	33011	32965	0.29	cps
Vanadium	51-2	653991	654200	647442	651878	0.59	cps
Yttrium	89-1	17784944	18011949	18087802	17961565	0.88	cps
Yttrium	89-2	4587595	4618242	4530473	4578770	0.97	cps
Zinc	66-2	325677	325447	326284	325803	0.13	cps
Zirconium	90-1	185547	190611	189270	188476	1.39	cps
Zirconium	91-1	40232	42314	42812	41786	3.28	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14552045	14473224	14362496	14462588	0.66	cps
Antimony	121-1	9777	10207	10174	10052	2.38	cps
Arsenic	75-2	31684	31367	31430	31494	0.53	cps
Barium	135-1	1560968	1569794	1599843	1576868	1.29	cps
Barium	137-1	2733773	2749526	2753598	2745632	0.38	cps
Beryllium	9-1	3570	3687	3567	3608	1.89	cps
Bismuth	209-1	6836180	7024528	7085757	6982155	1.86	cps
Bismuth	209-2	5466209	5480820	5470705	5472578	0.14	cps
Bromine	81-1	13136	14117	13276	13510	3.93	cps
Bromine	81-2	957	967	983	969	1.39	cps
Cadmium	108-1	423	403	447	424	5.11	cps
Cadmium	106-1	4017	3934	4284	4078	4.48	cps
Cadmium	111-1	5043	5255	5463	5254	4.00	cps
Calcium	43-1	1213552	1238304	1253181	1235012	1.62	cps
Calcium	44-1	20023961	20395567	20320192	20246573	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	395565	396888	392494	394982	0.57	cps
Cobalt	59-2	315757	315022	314799	315192	0.16	cps
Copper	63-2	635087	631947	634428	633821	0.26	cps
Dysprosium	156-1	107165	110523	111491	109727	2.07	cps
Dysprosium	156-2	91338	92844	91801	91994	0.84	cps
Erbium	164-1	88592	90595	90916	90034	1.40	cps
Erbium	164-2	61360	61036	59727	60708	1.42	cps
Gadolinium	160-1	100182	103109	102240	101844	1.48	cps
Gadolinium	160-2	75217	74738	74222	74726	0.67	cps
Holmium	165-1	11516015	11471847	11721324	11569728	1.15	cps
Holmium	165-2	7908896	7999140	7952588	7953541	0.57	cps
Indium	115-1	9524485	9550388	9455293	9510055	0.52	cps
Indium	115-2	3238709	3270281	3255022	3254671	0.49	cps
Iron	56-2	391506901	387363128	384397968	387755999	0.92	cps
Iron	57-2	9543375	9711743	9567465	9607528	0.95	cps
Iron	54-2	21296770	21021476	21153996	21157414	0.65	cps
Krypton	83-1	420	520	463	468	10.72	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	418538	431636	432231	427469	1.81	cps
Lead	207-1	360474	371686	370685	367615	1.69	cps
Lead	208-1	1655221	1702544	1694598	1684121	1.50	cps
Lithium	6-1	1562069	1576619	1566119	1568269	0.48	cps
Magnesium	24-2	10379117	10420836	10475582	10425178	0.46	cps
Manganese	55-2	7313873	7281464	7125549	7240295	1.39	cps
Molybdenum	94-1	106936	112037	111534	110169	2.55	cps
Molybdenum	95-1	6305	6345	6405	6351	0.79	cps
Molybdenum	96-1	27369	28314	28050	27911	1.75	cps
Molybdenum	97-1	3677	3821	3917	3805	3.17	cps
Molybdenum	98-1	9436	9603	9460	9500	0.95	cps
Neodymium	150-1	198492	202944	204691	202042	1.58	cps
Neodymium	150-2	116503	116063	116002	116189	0.24	cps
Nickel	60-2	129059	128803	128599	128821	0.18	cps
Phosphorus	31-2	39494	40116	39327	39646	1.05	cps
Potassium	39-2	4776615	4861997	4849728	4829447	0.96	cps
Rhodium	103-1	8866190	9083274	9153244	9034236	1.66	cps
Rhodium	103-2	5618435	5688229	5563976	5623547	1.11	cps
Scandium	45-1	6374352	6500772	6497969	6457698	1.12	cps
Scandium	45-2	603048	607747	605131	605309	0.39	cps
Selenium	82-1	710	645	710	688	5.38	cps
Selenium	77-2	433	403	340	392	12.15	cps
Selenium	78-2	683	633	797	704	11.88	cps
Silicon	28-1	26861727	27496341	27839735	27399268	1.81	cps
Silver	107-1	3567	3701	3707	3658	2.16	cps
Silver	109-1	3000	3367	3384	3250	6.67	cps
Sodium	23-2	331673	330827	334111	332204	0.51	cps
Strontium	86-1	626597	643264	647923	639261	1.75	cps
Strontium	88-1	5421646	5524007	5504028	5483227	0.99	cps
Sulfur	34-1	248116	254221	257298	253212	1.85	cps
Terbium	159-1	11791130	11676627	11808329	11758696	0.61	cps
Terbium	159-2	7813973	7919124	7942784	7891960	0.87	cps
Thallium	203-1	3310	3194	3137	3214	2.75	cps
Thallium	205-1	7399	7759	7385	7514	2.82	cps
Tin	118-1	51973	52448	53840	52754	1.84	cps
Titanium	47-1	1833778	1877515	1856946	1856080	1.18	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30792	31691	31233	31239	1.44	cps
Vanadium	51-2	709810	707950	707202	708320	0.19	cps
Yttrium	89-1	17720453	18154315	18028381	17967716	1.24	cps
Yttrium	89-2	4514676	4570885	4457211	4514257	1.26	cps
Zinc	66-2	210316	210570	210163	210350	0.10	cps
Zirconium	90-1	290138	295865	298887	294963	1.51	cps
Zirconium	91-1	64042	66228	66620	65630	2.12	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11863321	11687036	11752034	11767464	0.76	cps
Antimony	121-1	29390	30349	30492	30077	1.99	cps
Arsenic	75-2	37888	38012	38988	38296	1.57	cps
Barium	135-1	1193290	1206711	1202401	1200801	0.57	cps
Barium	137-1	2135361	2129253	2191142	2151919	1.58	cps
Beryllium	9-1	3057	3190	3107	3118	2.16	cps
Bismuth	209-1	7167028	7148027	6358732	6891262	6.69	cps
Bismuth	209-2	5461506	5587606	5532225	5527112	1.14	cps
Bromine	81-1	11408	11751	11935	11698	2.29	cps
Bromine	81-2	617	463	593	558	14.81	cps
Cadmium	108-1	533	447	443	474	10.76	cps
Cadmium	106-1	4297	4351	3801	4150	7.31	cps
Cadmium	111-1	6689	6730	6477	6632	2.04	cps
Calcium	43-1	927147	948553	952342	942681	1.44	cps
Calcium	44-1	13882117	14374984	14282846	14179982	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	331119	330197	329673	330329	0.22	cps
Cobalt	59-2	286953	287809	285125	286629	0.48	cps
Copper	63-2	1684199	1670682	1666643	1673841	0.55	cps
Dysprosium	156-1	95858	96600	96186	96215	0.39	cps
Dysprosium	156-2	77039	76584	77321	76982	0.48	cps
Erbium	164-1	79437	80289	81727	80484	1.44	cps
Erbium	164-2	52833	53706	53683	53407	0.93	cps
Gadolinium	160-1	89967	93573	93657	92399	2.28	cps
Gadolinium	160-2	65342	66031	65837	65737	0.54	cps
Holmium	165-1	11940034	11815151	10457371	11404185	7.21	cps
Holmium	165-2	7940902	8035950	8048246	8008366	0.73	cps
Indium	115-1	9785780	9828709	8688207	9434232	6.85	cps
Indium	115-2	3311439	3350187	3242680	3301435	1.65	cps
Iron	56-2	371814341	369787354	369253901	370285199	0.36	cps
Iron	57-2	9193607	9077881	8849006	9040165	1.94	cps
Iron	54-2	20215414	20393681	20446043	20351713	0.59	cps
Krypton	83-1	447	453	453	451	0.85	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1104013	1122635	1131930	1119526	1.27	cps
Lead	207-1	978155	997365	1009502	995007	1.59	cps
Lead	208-1	4654496	4670798	4787499	4704264	1.54	cps
Lithium	6-1	1577101	1581954	1384206	1514420	7.45	cps
Magnesium	24-2	8885472	8966464	8953269	8935068	0.49	cps
Manganese	55-2	6603695	6643254	6517117	6588022	0.98	cps
Molybdenum	94-1	102606	104556	107440	104868	2.32	cps
Molybdenum	95-1	14728	14310	14664	14567	1.54	cps
Molybdenum	96-1	34457	35530	35283	35090	1.60	cps
Molybdenum	97-1	8676	9406	9183	9088	4.12	cps
Molybdenum	98-1	22775	23756	22781	23104	2.44	cps
Neodymium	150-1	172780	176470	176561	175270	1.23	cps
Neodymium	150-2	98880	98464	97125	98157	0.93	cps
Nickel	60-2	120331	120489	118823	119881	0.77	cps
Phosphorus	31-2	43040	43050	42034	42708	1.37	cps
Potassium	39-2	4745694	4726190	4701383	4724422	0.47	cps
Rhodium	103-1	9452334	9471300	8318260	9080631	7.27	cps
Rhodium	103-2	5800166	5749339	5718670	5756058	0.72	cps
Scandium	45-1	6648998	6634382	6030658	6438013	5.48	cps
Scandium	45-2	616056	612504	611439	613333	0.39	cps
Selenium	82-1	820	750	745	772	5.40	cps
Selenium	77-2	397	420	417	411	3.07	cps
Selenium	78-2	623	663	777	688	11.56	cps
Silicon	28-1	39890354	41041775	40422864	40451664	1.42	cps
Silver	107-1	8679	9353	9343	9125	4.23	cps
Silver	109-1	8312	8316	8519	8383	1.41	cps
Sodium	23-2	344044	345888	349944	346625	0.87	cps
Strontium	86-1	497504	512923	514016	508148	1.82	cps
Strontium	88-1	4281718	4458342	4417713	4385924	2.11	cps
Sulfur	34-1	262188	259216	256318	259241	1.13	cps
Terbium	159-1	12139800	12368334	10886191	11798108	6.76	cps
Terbium	159-2	7920908	7981971	8008428	7970436	0.56	cps
Thallium	203-1	2987	3260	3210	3153	4.62	cps
Thallium	205-1	7255	7622	7429	7435	2.47	cps
Tin	118-1	218566	223615	226792	222991	1.86	cps
Titanium	47-1	2065043	2106031	2163241	2111438	2.34	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30949	31952	32156	31686	2.04	cps
Vanadium	51-2	641329	640899	637057	639761	0.37	cps
Yttrium	89-1	18579324	18798569	16373598	17917164	7.49	cps
Yttrium	89-2	4605087	4576151	4502857	4561365	1.16	cps
Zinc	66-2	297779	298933	299253	298655	0.26	cps
Zirconium	90-1	260448	266291	269108	265283	1.67	cps
Zirconium	91-1	57348	59728	59072	58716	2.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9980550	9973074	9932424	9962016	0.26	cps
Antimony	121-1	11845	11635	12322	11934	2.95	cps
Arsenic	75-2	40873	41598	41341	41271	0.89	cps
Barium	135-1	682912	692068	696887	690622	1.03	cps
Barium	137-1	1190475	1202147	1201354	1197992	0.54	cps
Beryllium	9-1	1380	1403	1327	1370	2.87	cps
Bismuth	209-1	7241098	7104405	6981635	7109046	1.83	cps
Bismuth	209-2	5365334	5424752	5339256	5376447	0.81	cps
Bromine	81-1	10627	10324	10794	10582	2.25	cps
Bromine	81-2	293	317	273	294	7.37	cps
Cadmium	108-1	283	247	240	257	9.09	cps
Cadmium	106-1	4244	4071	3961	4092	3.49	cps
Cadmium	111-1	3572	3517	3344	3478	3.42	cps
Calcium	43-1	1124212	1154042	1146184	1141479	1.35	cps
Calcium	44-1	16875234	17211880	17256308	17114474	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	582869	577906	582240	581005	0.47	cps
Cobalt	59-2	439610	440281	436175	438689	0.50	cps
Copper	63-2	700101	697015	699917	699011	0.25	cps
Dysprosium	156-1	46085	46734	47015	46612	1.02	cps
Dysprosium	156-2	35909	37039	36314	36420	1.57	cps
Erbium	164-1	43488	45203	43260	43983	2.41	cps
Erbium	164-2	29234	30022	29311	29522	1.47	cps
Gadolinium	160-1	44487	45196	44945	44876	0.80	cps
Gadolinium	160-2	31966	31696	32675	32112	1.57	cps
Holmium	165-1	11982182	11796985	11585843	11788337	1.68	cps
Holmium	165-2	7984652	7935965	7981792	7967470	0.34	cps
Indium	115-1	9720489	9826968	9933979	9827145	1.09	cps
Indium	115-2	3321700	3267356	3259581	3282879	1.03	cps
Iron	56-2	352649741	348175315	348110035	349645030	0.74	cps
Iron	57-2	8640264	8554102	8687109	8627159	0.78	cps
Iron	54-2	19365814	19130606	19485099	19327173	0.93	cps
Krypton	83-1	377	343	357	359	4.68	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104770	105376	106339	105495	0.75	cps
Lead	207-1	80692	82935	82375	82000	1.42	cps
Lead	208-1	382752	385979	385672	384801	0.46	cps
Lithium	6-1	1556166	1547262	1515967	1539798	1.37	cps
Magnesium	24-2	10404401	10288494	10359428	10350774	0.56	cps
Manganese	55-2	7148672	7006314	7138890	7097958	1.12	cps
Molybdenum	94-1	76444	77309	78405	77386	1.27	cps
Molybdenum	95-1	8546	8576	8826	8649	1.78	cps
Molybdenum	96-1	24000	24798	25222	24673	2.51	cps
Molybdenum	97-1	5378	5151	5334	5288	2.28	cps
Molybdenum	98-1	13386	13870	13406	13554	2.02	cps
Neodymium	150-1	79703	81216	81544	80821	1.21	cps
Neodymium	150-2	45329	45269	44884	45161	0.53	cps
Nickel	60-2	177001	174785	176320	176035	0.64	cps
Phosphorus	31-2	23047	22707	22653	22803	0.94	cps
Potassium	39-2	1410725	1399275	1379445	1396482	1.13	cps
Rhodium	103-1	9397804	9376434	9424858	9399698	0.26	cps
Rhodium	103-2	5744408	5789481	5679632	5737841	0.96	cps
Scandium	45-1	6654898	6705321	6671799	6677339	0.38	cps
Scandium	45-2	607590	607753	612581	609308	0.47	cps
Selenium	82-1	625	672	672	656	4.14	cps
Selenium	77-2	203	133	183	173	20.80	cps
Selenium	78-2	457	560	447	488	12.86	cps
Silicon	28-1	35121460	35405032	35631717	35386070	0.72	cps
Silver	107-1	1703	1970	2077	1917	10.03	cps
Silver	109-1	1433	1590	1877	1633	13.77	cps
Sodium	23-2	833384	838979	839485	837283	0.40	cps
Strontium	86-1	354788	360157	363229	359391	1.19	cps
Strontium	88-1	3072073	3077642	3089401	3079705	0.29	cps
Sulfur	34-1	262173	265651	268276	265367	1.15	cps
Terbium	159-1	12166688	12202252	12237309	12202083	0.29	cps
Terbium	159-2	7835811	7860353	7805843	7834002	0.35	cps
Thallium	203-1	2087	1974	1933	1998	3.98	cps
Thallium	205-1	4598	4607	4534	4580	0.87	cps
Tin	118-1	27363	28583	28128	28024	2.20	cps
Titanium	47-1	2124208	2141677	2176899	2147595	1.25	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40294	40689	40949	40644	0.81	cps
Vanadium	51-2	843068	836788	837371	839076	0.41	cps
Yttrium	89-1	17788351	17690408	17756953	17745237	0.28	cps
Yttrium	89-2	4426091	4376076	4322671	4374946	1.18	cps
Zinc	66-2	103744	102482	102250	102825	0.78	cps
Zirconium	90-1	196399	201414	203229	200348	1.77	cps
Zirconium	91-1	44340	44053	44230	44208	0.33	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9165704	9089279	9037953	9097645	0.71	cps
Antimony	121-1	9623	9827	9817	9756	1.18	cps
Arsenic	75-2	31119	31016	30685	30940	0.73	cps
Barium	135-1	381900	396015	393797	390571	1.94	cps
Barium	137-1	672126	684490	679518	678712	0.92	cps
Beryllium	9-1	1547	1430	1650	1542	7.14	cps
Bismuth	209-1	7097391	7068567	7103489	7089816	0.26	cps
Bismuth	209-2	5378175	5396968	5354636	5376593	0.39	cps
Bromine	81-1	10927	10994	11151	11024	1.04	cps
Bromine	81-2	290	403	367	353	16.37	cps
Cadmium	108-1	193	257	297	249	20.93	cps
Cadmium	106-1	3854	3854	3947	3885	1.39	cps
Cadmium	111-1	3252	3148	3202	3201	1.63	cps
Calcium	43-1	1072285	1097257	1097863	1089135	1.34	cps
Calcium	44-1	16264226	16512409	16487756	16421464	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	559698	556793	555074	557188	0.42	cps
Cobalt	59-2	334893	336000	336491	335795	0.24	cps
Copper	63-2	608041	598667	600394	602367	0.83	cps
Dysprosium	156-1	48236	49079	49590	48968	1.40	cps
Dysprosium	156-2	39392	38787	39251	39143	0.81	cps
Erbium	164-1	46176	46002	47273	46484	1.48	cps
Erbium	164-2	31425	31442	31078	31315	0.66	cps
Gadolinium	160-1	46617	47711	47761	47363	1.36	cps
Gadolinium	160-2	33584	33380	33624	33529	0.39	cps
Holmium	165-1	11850189	11791990	11915785	11852655	0.52	cps
Holmium	165-2	8018279	7974682	7863888	7952283	1.00	cps
Indium	115-1	9678662	9778998	9788526	9748728	0.62	cps
Indium	115-2	3258434	3213324	3231920	3234559	0.70	cps
Iron	56-2	320788435	316169515	314866642	317274864	0.98	cps
Iron	57-2	7853492	7850349	7748485	7817442	0.76	cps
Iron	54-2	17462303	17337039	17381765	17393702	0.36	cps
Krypton	83-1	393	397	420	403	3.60	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	106154	106420	107287	106620	0.56	cps
Lead	207-1	79568	80694	81137	80467	1.01	cps
Lead	208-1	378230	385625	384515	382790	1.04	cps
Lithium	6-1	1516620	1536634	1523252	1525502	0.67	cps
Magnesium	24-2	9065897	9036279	9012882	9038353	0.29	cps
Manganese	55-2	3963567	3943354	3885222	3930714	1.03	cps
Molybdenum	94-1	77972	78831	80821	79208	1.85	cps
Molybdenum	95-1	12078	12252	12165	12165	0.71	cps
Molybdenum	96-1	27516	28201	27980	27899	1.25	cps
Molybdenum	97-1	7222	7245	7392	7286	1.27	cps
Molybdenum	98-1	18699	18906	18645	18750	0.73	cps
Neodymium	150-1	86997	88080	88432	87836	0.85	cps
Neodymium	150-2	49246	48774	48804	48941	0.54	cps
Nickel	60-2	158996	156352	157170	157506	0.86	cps
Phosphorus	31-2	21115	20631	20727	20824	1.23	cps
Potassium	39-2	1713872	1695277	1679980	1696376	1.00	cps
Rhodium	103-1	9104714	9323325	9444105	9290715	1.85	cps
Rhodium	103-2	5653367	5597311	5687352	5646010	0.81	cps
Scandium	45-1	6579531	6565657	6664344	6603177	0.81	cps
Scandium	45-2	603118	597780	597915	599605	0.51	cps
Selenium	82-1	597	629	585	604	3.80	cps
Selenium	77-2	180	263	187	210	22.05	cps
Selenium	78-2	563	440	477	493	12.84	cps
Silicon	28-1	33829416	34514119	34610834	34318123	1.24	cps
Silver	107-1	1597	1670	1723	1663	3.82	cps
Silver	109-1	1223	1497	1543	1421	12.16	cps
Sodium	23-2	1011394	1010851	1016296	1012847	0.30	cps
Strontium	86-1	339653	346887	347773	344771	1.29	cps
Strontium	88-1	2867166	2973738	3015440	2952115	2.59	cps
Sulfur	34-1	272378	278088	277005	275824	1.10	cps
Terbium	159-1	12149789	12160830	12044431	12118350	0.53	cps
Terbium	159-2	8008334	7785864	7966499	7920232	1.49	cps
Thallium	203-1	1550	1700	1680	1643	4.96	cps
Thallium	205-1	3854	3911	3661	3808	3.44	cps
Tin	118-1	28518	28562	29437	28839	1.80	cps
Titanium	47-1	2083829	2146183	2127453	2119155	1.51	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45420	45106	45554	45360	0.51	cps
Vanadium	51-2	768784	765021	761541	765115	0.47	cps
Yttrium	89-1	17321511	17701918	17817205	17613544	1.47	cps
Yttrium	89-2	4384015	4332110	4387814	4367980	0.71	cps
Zinc	66-2	99213	97814	99055	98694	0.78	cps
Zirconium	90-1	195546	201912	202169	199876	1.88	cps
Zirconium	91-1	43648	44501	45397	44515	1.96	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8598773	8576276	8645591	8606880	0.41	cps
Antimony	121-1	10838	10744	11581	11054	4.15	cps
Arsenic	75-2	28471	28107	28330	28303	0.65	cps
Barium	135-1	406907	414065	414599	411857	1.04	cps
Barium	137-1	706293	711629	711318	709747	0.42	cps
Beryllium	9-1	1520	1340	1440	1433	6.29	cps
Bismuth	209-1	6988482	7044466	7083884	7038944	0.68	cps
Bismuth	209-2	5453639	5385917	5368705	5402753	0.83	cps
Bromine	81-1	10711	10974	10304	10663	3.17	cps
Bromine	81-2	347	270	273	297	14.61	cps
Cadmium	108-1	267	257	243	256	4.58	cps
Cadmium	106-1	4004	4167	4021	4064	2.21	cps
Cadmium	111-1	3339	3504	3334	3393	2.85	cps
Calcium	43-1	1195304	1215516	1217819	1209546	1.02	cps
Calcium	44-1	18043946	18396248	18306528	18248907	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	415426	413940	414072	414479	0.20	cps
Cobalt	59-2	271080	269774	270159	270338	0.25	cps
Copper	63-2	440037	438862	440898	439932	0.23	cps
Dysprosium	156-1	56014	56700	56390	56368	0.61	cps
Dysprosium	156-2	44751	44627	44791	44723	0.19	cps
Erbium	164-1	51163	52508	51220	51631	1.47	cps
Erbium	164-2	34035	34469	34559	34354	0.82	cps
Gadolinium	160-1	54051	54288	54810	54383	0.71	cps
Gadolinium	160-2	38927	37968	39395	38764	1.88	cps
Holmium	165-1	11769305	11580429	11615734	11655156	0.86	cps
Holmium	165-2	7947307	7949690	7816497	7904498	0.96	cps
Indium	115-1	9698999	9597577	9612968	9636515	0.57	cps
Indium	115-2	3219273	3185281	3215906	3206820	0.58	cps
Iron	56-2	290316449	294224969	290952062	291831160	0.72	cps
Iron	57-2	7205508	7221854	7302342	7243235	0.72	cps
Iron	54-2	15913193	16224177	16141860	16093077	1.00	cps
Krypton	83-1	457	423	413	431	5.26	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104455	103951	106248	104885	1.15	cps
Lead	207-1	81624	81714	82264	81867	0.42	cps
Lead	208-1	382295	382765	389285	384782	1.02	cps
Lithium	6-1	1567715	1485989	1584943	1546216	3.42	cps
Magnesium	24-2	8441520	8481951	8409807	8444426	0.43	cps
Manganese	55-2	3906673	3860072	3898207	3888318	0.64	cps
Molybdenum	94-1	82132	85940	84626	84233	2.30	cps
Molybdenum	95-1	5584	5331	5421	5446	2.36	cps
Molybdenum	96-1	21790	21836	22344	21990	1.40	cps
Molybdenum	97-1	3507	3477	3457	3480	0.72	cps
Molybdenum	98-1	8589	8803	8529	8640	1.66	cps
Neodymium	150-1	97357	97256	97625	97413	0.20	cps
Neodymium	150-2	54036	55425	55174	54878	1.35	cps
Nickel	60-2	133804	132052	132650	132835	0.67	cps
Phosphorus	31-2	30230	30253	30387	30290	0.28	cps
Potassium	39-2	1635606	1606998	1618385	1620330	0.89	cps
Rhodium	103-1	9277638	9036219	9253742	9189199	1.45	cps
Rhodium	103-2	5680755	5590206	5679071	5650010	0.92	cps
Scandium	45-1	6459319	6490122	6589551	6512997	1.05	cps
Scandium	45-2	591082	588964	592979	591008	0.34	cps
Selenium	82-1	530	557	560	549	3.00	cps
Selenium	77-2	237	223	283	248	12.72	cps
Selenium	78-2	460	507	470	479	5.13	cps
Silicon	28-1	25134258	25394913	25376650	25301940	0.58	cps
Silver	107-1	1503	1537	1787	1609	9.63	cps
Silver	109-1	1270	1367	1400	1346	5.02	cps
Sodium	23-2	527757	530972	534524	531084	0.64	cps
Strontium	86-1	322063	326431	326149	324881	0.75	cps
Strontium	88-1	2733839	2822092	2829741	2795224	1.91	cps
Sulfur	34-1	272364	278776	279593	276911	1.43	cps
Terbium	159-1	12250659	11864886	11902796	12006114	1.77	cps
Terbium	159-2	7735335	7838308	7766618	7780087	0.68	cps
Thallium	203-1	1487	1580	1600	1556	3.89	cps
Thallium	205-1	3821	3671	3714	3735	2.07	cps
Tin	118-1	25820	27149	27252	26740	2.99	cps
Titanium	47-1	1756931	1783652	1829624	1790069	2.05	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38412	37389	36864	37555	2.10	cps
Vanadium	51-2	613164	609674	609407	610748	0.34	cps
Yttrium	89-1	17607643	17593526	17619625	17606932	0.07	cps
Yttrium	89-2	4325377	4355144	4307689	4329404	0.55	cps
Zinc	66-2	105442	103828	105842	105037	1.02	cps
Zirconium	90-1	221806	224262	224723	223597	0.70	cps
Zirconium	91-1	49038	50028	49697	49588	1.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13991841	13902058	13769241	13887713	0.81	cps
Antimony	121-1	5388621	5363373	5389186	5380393	0.27	cps
Arsenic	75-2	299368	297960	299666	298998	0.30	cps
Barium	135-1	7028566	7082625	7168633	7093275	1.00	cps
Barium	137-1	12042801	12262409	12283247	12196152	1.09	cps
Beryllium	9-1	930894	931929	933393	932072	0.13	cps
Bismuth	209-1	6521482	6649371	6660235	6610363	1.17	cps
Bismuth	209-2	5118711	5190367	5002060	5103713	1.86	cps
Bromine	81-1	9590	9533	9790	9638	1.40	cps
Bromine	81-2	110	103	103	106	3.65	cps
Cadmium	108-1	106571	107262	106830	106888	0.33	cps
Cadmium	106-1	153619	155395	153858	154291	0.62	cps
Cadmium	111-1	1438636	1445650	1447526	1443937	0.32	cps
Calcium	43-1	8308419	8227196	8219483	8251699	0.60	cps
Calcium	44-1	132972215	132120891	131171875	132088327	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2494897	2478611	2473646	2482385	0.45	cps
Cobalt	59-2	4098663	4074193	4088164	4087007	0.30	cps
Copper	63-2	28233935	28078951	28324297	28212395	0.44	cps
Dysprosium	156-1	753	673	717	714	5.61	cps
Dysprosium	156-2	483	413	503	467	10.13	cps
Erbium	164-1	367	320	313	333	8.72	cps
Erbium	164-2	263	213	163	213	23.44	cps
Gadolinium	160-1	210	260	283	251	14.92	cps
Gadolinium	160-2	453	410	373	412	9.71	cps
Holmium	165-1	11328359	11472209	11416716	11405761	0.64	cps
Holmium	165-2	7621006	7947879	7690605	7753163	2.22	cps
Indium	115-1	8961977	8968231	8767122	8899110	1.28	cps
Indium	115-2	2977025	2991585	3026304	2998304	0.84	cps
Iron	56-2	534397165	531459192	537837725	534564694	0.60	cps
Iron	57-2	13218460	13201577	13228059	13216032	0.10	cps
Iron	54-2	29101587	29347520	29335408	29261505	0.47	cps
Krypton	83-1	327	317	287	310	6.71	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19726903	20119323	19992444	19946223	1.00	cps
Lead	207-1	17551445	17951057	17627926	17710143	1.20	cps
Lead	208-1	79672360	81225425	80533581	80477122	0.97	cps
Lithium	6-1	1551130	1563280	1544959	1553123	0.60	cps
Magnesium	24-2	113599212	115064178	115599365	114754252	0.90	cps
Manganese	55-2	17732803	17786771	17984661	17834745	0.74	cps
Molybdenum	94-1	21773881	21771711	21869997	21805196	0.26	cps
Molybdenum	95-1	31978497	32078506	31875075	31977360	0.32	cps
Molybdenum	96-1	34327126	34520293	34753245	34533555	0.62	cps
Molybdenum	97-1	19731113	19810843	19841944	19794633	0.29	cps
Molybdenum	98-1	50867504	50958001	50717244	50847583	0.24	cps
Neodymium	150-1	337	407	353	366	10.00	cps
Neodymium	150-2	140	160	123	141	13.01	cps
Nickel	60-2	1027934	1025744	1028160	1027280	0.13	cps
Phosphorus	31-2	147150	149838	145275	147421	1.56	cps
Potassium	39-2	71164289	71122279	70753821	71013463	0.32	cps
Rhodium	103-1	8431671	8237535	8342682	8337296	1.17	cps
Rhodium	103-2	5014203	5065294	5052223	5043907	0.53	cps
Scandium	45-1	5902318	5866064	5758997	5842460	1.28	cps
Scandium	45-2	530608	529378	532646	530877	0.31	cps
Selenium	82-1	88294	89036	88058	88463	0.58	cps
Selenium	77-2	8112	8302	8513	8309	2.41	cps
Selenium	78-2	27509	27485	28200	27732	1.46	cps
Silicon	28-1	24520654	25113689	24923734	24852692	1.22	cps
Silver	107-1	6729750	6721366	6759543	6736886	0.30	cps
Silver	109-1	6321084	6283126	6363384	6322531	0.64	cps
Sodium	23-2	197208477	197455810	199758464	198140917	0.71	cps
Strontium	86-1	46547961	47122283	46552956	46741067	0.71	cps
Strontium	88-1	405864567	404684087	410069421	406872692	0.70	cps
Sulfur	34-1	785235	784561	775413	781736	0.70	cps
Terbium	159-1	11770869	11645458	11772991	11729773	0.62	cps
Terbium	159-2	7605023	7635460	7720276	7653586	0.78	cps
Thallium	203-1	5004891	5045121	5030233	5026748	0.40	cps
Thallium	205-1	11927062	12003506	12083449	12004672	0.65	cps
Tin	118-1	4586967	4529101	4576212	4564093	0.67	cps
Titanium	47-1	8751389	8706165	8658178	8705244	0.54	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16338977	16659759	16560130	16519622	0.99	cps
Vanadium	51-2	2222137	2232569	2229331	2228012	0.24	cps
Yttrium	89-1	15915430	15841974	15899862	15885755	0.24	cps
Yttrium	89-2	3960277	3898998	3932124	3930466	0.78	cps
Zinc	66-2	4358410	4312028	4362091	4344176	0.64	cps
Zirconium	90-1	10045162	10097008	10215097	10119089	0.86	cps
Zirconium	91-1	2238224	2245826	2259550	2247867	0.48	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	823	820	750	798	5.19	cps
Antimony	121-1	4344	3540	4081	3988	10.27	cps
Arsenic	75-2	23	10	40	24	61.49	cps
Barium	135-1	423	323	387	378	13.39	cps
Barium	137-1	780	663	560	668	16.48	cps
Beryllium	9-1	87	117	90	98	16.82	cps
Bismuth	209-1	6551388	6966297	6974663	6830783	3.54	cps
Bismuth	209-2	5472016	5461672	5454013	5462567	0.17	cps
Bromine	81-1	9326	9543	9253	9374	1.61	cps
Bromine	81-2	167	120	140	142	16.46	cps
Cadmium	108-1	17	23	23	21	18.21	cps
Cadmium	106-1	3027	2910	3037	2991	2.35	cps
Cadmium	111-1	2231	2121	2190	2180	2.54	cps
Calcium	43-1	773	597	597	656	15.56	cps
Calcium	44-1	27058	26140	25586	26261	2.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1433	1403	1467	1435	2.21	cps
Cobalt	59-2	317	280	270	289	8.50	cps
Copper	63-2	3150	3134	3214	3166	1.33	cps
Dysprosium	156-1	397	367	357	373	5.58	cps
Dysprosium	156-2	80	93	103	92	12.69	cps
Erbium	164-1	83	80	70	78	8.92	cps
Erbium	164-2	20	50	67	46	51.91	cps
Gadolinium	160-1	23	43	70	46	51.40	cps
Gadolinium	160-2	277	253	330	287	13.71	cps
Holmium	165-1	10461336	11320982	11140188	10974169	4.13	cps
Holmium	165-2	7753055	7671999	7615020	7680025	0.90	cps
Indium	115-1	8484968	9183082	9142010	8936687	4.38	cps
Indium	115-2	3165248	3156783	3148430	3156820	0.27	cps
Iron	56-2	44686	44362	43780	44276	1.04	cps
Iron	57-2	2364	2404	2577	2448	4.63	cps
Iron	54-2	3921	4207	3881	4003	4.45	cps
Krypton	83-1	287	243	307	279	11.61	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2150	2010	1763	1975	9.92	cps
Lead	207-1	2124	1617	1477	1739	19.57	cps
Lead	208-1	9068	7654	7244	7989	11.98	cps
Lithium	6-1	1479435	1561726	1565358	1535506	3.16	cps
Magnesium	24-2	3384	3350	3230	3321	2.43	cps
Manganese	55-2	1350	1300	1310	1320	2.00	cps
Molybdenum	94-1	4264	2864	2824	3317	24.73	cps
Molybdenum	95-1	2294	1877	1730	1967	14.86	cps
Molybdenum	96-1	2877	2270	2374	2507	12.95	cps
Molybdenum	97-1	1400	1237	1103	1247	11.92	cps
Molybdenum	98-1	3590	2784	2777	3050	15.34	cps
Neodymium	150-1	10	20	20	17	34.64	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	290	297	250	279	9.05	cps
Phosphorus	31-2	150	187	217	184	18.10	cps
Potassium	39-2	78601	77090	77054	77582	1.14	cps
Rhodium	103-1	8167057	8655475	8716707	8513079	3.54	cps
Rhodium	103-2	5518640	5474479	5497673	5496930	0.40	cps
Scandium	45-1	5296465	5681528	5716801	5564931	4.19	cps
Scandium	45-2	534341	523047	525368	527585	1.13	cps
Selenium	82-1	386	574	464	475	19.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	350	353	357	353	0.94	cps
Silicon	28-1	330647	328751	330327	329908	0.31	cps
Silver	107-1	1120	813	803	912	19.73	cps
Silver	109-1	1037	860	803	900	13.52	cps
Sodium	23-2	75175	73320	71910	73468	2.23	cps
Strontium	86-1	2337	1863	1777	1992	15.13	cps
Strontium	88-1	17657	12862	10834	13785	25.42	cps
Sulfur	34-1	260383	261410	259793	260529	0.31	cps
Terbium	159-1	10769792	11455509	11404286	11209862	3.41	cps
Terbium	159-2	7700804	7664152	7629959	7664972	0.46	cps
Thallium	203-1	930	810	720	820	12.85	cps
Thallium	205-1	2230	1910	1583	1908	16.95	cps
Tin	118-1	2837	2834	3247	2973	8.00	cps
Titanium	47-1	660	613	617	630	4.13	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	663	563	403	543	24.14	cps
Vanadium	51-2	73	70	77	73	4.55	cps
Yttrium	89-1	14574608	15413166	15512461	15166745	3.40	cps
Yttrium	89-2	4061513	3995229	3951784	4002842	1.38	cps
Zinc	66-2	777	837	833	816	4.13	cps
Zirconium	90-1	8633	4911	4864	6136	35.24	cps
Zirconium	91-1	2017	1187	1007	1403	38.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10786818	10828571	10847323	10820904	0.29	cps
Antimony	121-1	12049	12332	12452	12278	1.69	cps
Arsenic	75-2	39823	38841	38861	39175	1.43	cps
Barium	135-1	331289	338727	343096	337704	1.77	cps
Barium	137-1	577174	590409	589796	585793	1.28	cps
Beryllium	9-1	1147	1317	1237	1233	6.90	cps
Bismuth	209-1	7120430	7096726	7049066	7088741	0.51	cps
Bismuth	209-2	5482131	5584297	5462775	5509734	1.19	cps
Bromine	81-1	10521	10617	11061	10733	2.68	cps
Bromine	81-2	277	297	297	290	3.98	cps
Cadmium	108-1	253	257	273	261	4.10	cps
Cadmium	106-1	4284	4064	3997	4115	3.65	cps
Cadmium	111-1	3668	3475	3383	3509	4.14	cps
Calcium	43-1	1057735	1079919	1087316	1074990	1.43	cps
Calcium	44-1	15923730	16140925	16492376	16185677	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518141	513392	514223	515252	0.49	cps
Cobalt	59-2	301178	299925	302792	301298	0.48	cps
Copper	63-2	705691	698139	703151	702327	0.55	cps
Dysprosium	156-1	43805	44721	44608	44378	1.13	cps
Dysprosium	156-2	34599	35375	34345	34773	1.54	cps
Erbium	164-1	43829	45029	45480	44779	1.91	cps
Erbium	164-2	30066	29692	29538	29765	0.91	cps
Gadolinium	160-1	42608	43695	44123	43475	1.80	cps
Gadolinium	160-2	31258	31124	31335	31239	0.34	cps
Holmium	165-1	11859321	11823044	11805124	11829163	0.23	cps
Holmium	165-2	7928168	8134773	8137461	8066801	1.49	cps
Indium	115-1	9948167	9941825	10010663	9966885	0.38	cps
Indium	115-2	3343186	3361069	3278120	3327458	1.31	cps
Iron	56-2	396848367	395015327	393851154	395238283	0.38	cps
Iron	57-2	9806430	9691149	9638599	9712060	0.88	cps
Iron	54-2	21655721	21518865	21746421	21640335	0.53	cps
Krypton	83-1	420	433	367	407	8.68	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	92439	92307	94768	93171	1.49	cps
Lead	207-1	72539	74406	72027	72990	1.72	cps
Lead	208-1	341955	344039	344245	343413	0.37	cps
Lithium	6-1	1554441	1595765	1553701	1567969	1.54	cps
Magnesium	24-2	11506342	11317302	11365202	11396282	0.86	cps
Manganese	55-2	3983578	3976939	3954621	3971713	0.38	cps
Molybdenum	94-1	62472	64347	63848	63556	1.53	cps
Molybdenum	95-1	5244	5358	5428	5343	1.73	cps
Molybdenum	96-1	19073	19900	19259	19411	2.24	cps
Molybdenum	97-1	3240	3247	3357	3282	2.00	cps
Molybdenum	98-1	7822	8549	8346	8239	4.55	cps
Neodymium	150-1	74147	74602	74941	74563	0.53	cps
Neodymium	150-2	42250	40562	42039	41617	2.21	cps
Nickel	60-2	164384	164478	164855	164572	0.15	cps
Phosphorus	31-2	22971	22874	23017	22954	0.32	cps
Potassium	39-2	1348124	1362628	1366568	1359107	0.71	cps
Rhodium	103-1	9316816	9370381	9599185	9428794	1.59	cps
Rhodium	103-2	5721003	5890488	5804798	5805430	1.46	cps
Scandium	45-1	6753739	6838650	6946824	6846404	1.41	cps
Scandium	45-2	632907	636949	630955	633604	0.48	cps
Selenium	82-1	596	636	727	653	10.30	cps
Selenium	77-2	167	187	210	188	11.55	cps
Selenium	78-2	530	580	507	539	6.95	cps
Silicon	28-1	29600825	30220685	30191089	30004200	1.17	cps
Silver	107-1	3080	2617	2480	2726	11.54	cps
Silver	109-1	2667	2167	2037	2290	14.53	cps
Sodium	23-2	674268	677730	683158	678386	0.66	cps
Strontium	86-1	313630	320205	321269	318368	1.30	cps
Strontium	88-1	2691817	2721324	2772354	2728498	1.49	cps
Sulfur	34-1	275142	275258	272895	274432	0.49	cps
Terbium	159-1	12117868	12253644	12017036	12129516	0.98	cps
Terbium	159-2	7906751	7942934	7959721	7936468	0.34	cps
Thallium	203-1	2034	2014	2054	2034	0.98	cps
Thallium	205-1	5181	5231	4864	5092	3.91	cps
Tin	118-1	26584	28572	28558	27905	4.10	cps
Titanium	47-1	2066644	2132808	2122296	2107249	1.69	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38990	38753	38947	38897	0.32	cps
Vanadium	51-2	958133	952812	953479	954808	0.30	cps
Yttrium	89-1	17895471	18149359	18373560	18139463	1.32	cps
Yttrium	89-2	4480523	4550084	4428292	4486299	1.36	cps
Zinc	66-2	116036	116873	117065	116658	0.47	cps
Zirconium	90-1	162854	168355	169445	166885	2.12	cps
Zirconium	91-1	36462	37023	38123	37203	2.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543	510	553	536	4.24	cps
Antimony	121-1	280	290	303	291	4.02	cps
Arsenic	75-2	17	0	17	11	86.60	cps
Barium	135-1	113	183	130	142	25.71	cps
Barium	137-1	240	223	263	242	8.30	cps
Beryllium	9-1	33	40	23	32	26.04	cps
Bismuth	209-1	7230401	7157122	7138454	7175325	0.68	cps
Bismuth	209-2	5584671	5684423	5576513	5615202	1.07	cps
Bromine	81-1	10764	10090	10460	10438	3.23	cps
Bromine	81-2	173	117	160	150	19.75	cps
Cadmium	108-1	3	3	10	6	69.34	cps
Cadmium	106-1	3144	3407	2954	3168	7.19	cps
Cadmium	111-1	2222	2406	2074	2234	7.45	cps
Calcium	43-1	497	433	433	454	8.05	cps
Calcium	44-1	24164	23353	24107	23875	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1113	1230	1200	1181	5.13	cps
Cobalt	59-2	207	150	237	198	22.25	cps
Copper	63-2	2417	2497	2484	2466	1.74	cps
Dysprosium	156-1	383	380	330	364	8.20	cps
Dysprosium	156-2	57	87	83	76	21.76	cps
Erbium	164-1	90	60	70	73	20.83	cps
Erbium	164-2	63	57	47	56	15.09	cps
Gadolinium	160-1	47	57	40	48	17.56	cps
Gadolinium	160-2	243	307	287	279	11.61	cps
Holmium	165-1	11543314	11586987	11508409	11546237	0.34	cps
Holmium	165-2	7961166	7904702	7845111	7903659	0.73	cps
Indium	115-1	9772455	9796555	9781659	9783556	0.12	cps
Indium	115-2	3407908	3383083	3373983	3388325	0.52	cps
Iron	56-2	31653	30958	30862	31158	1.39	cps
Iron	57-2	2357	2400	2344	2367	1.25	cps
Iron	54-2	3144	3147	3030	3107	2.14	cps
Krypton	83-1	287	357	323	322	10.87	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1087	1000	957	1014	6.53	cps
Lead	207-1	827	757	880	821	7.53	cps
Lead	208-1	4154	3974	3917	4015	3.08	cps
Lithium	6-1	1611825	1640035	1634110	1628657	0.91	cps
Magnesium	24-2	1067	980	1080	1042	5.21	cps
Manganese	55-2	1057	1073	1043	1058	1.42	cps
Molybdenum	94-1	320	390	363	358	9.87	cps
Molybdenum	95-1	183	203	190	192	5.30	cps
Molybdenum	96-1	333	313	257	301	13.21	cps
Molybdenum	97-1	100	103	90	98	7.10	cps
Molybdenum	98-1	277	300	267	281	6.09	cps
Neodymium	150-1	7	17	10	11	45.82	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	237	253	257	249	4.31	cps
Phosphorus	31-2	157	170	173	167	5.29	cps
Potassium	39-2	77616	77234	76417	77089	0.79	cps
Rhodium	103-1	9597290	9455790	9489968	9514349	0.78	cps
Rhodium	103-2	5907524	5858521	5809027	5858357	0.84	cps
Scandium	45-1	6246446	6241485	6343998	6277310	0.92	cps
Scandium	45-2	578053	573928	572160	574714	0.53	cps
Selenium	82-1	578	483	546	535	9.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	340	337	363	347	4.19	cps
Silicon	28-1	322530	323889	326976	324465	0.70	cps
Silver	107-1	173	167	173	171	2.25	cps
Silver	109-1	107	127	83	106	20.55	cps
Sodium	23-2	70139	68458	67744	68780	1.79	cps
Strontium	86-1	637	483	553	558	13.76	cps
Strontium	88-1	503	600	603	569	9.98	cps
Sulfur	34-1	248896	249725	252140	250254	0.67	cps
Terbium	159-1	12130054	11744150	11751322	11875176	1.86	cps
Terbium	159-2	7956791	7884631	7915726	7919049	0.46	cps
Thallium	203-1	243	223	213	227	6.74	cps
Thallium	205-1	537	490	450	492	8.81	cps
Tin	118-1	2110	1957	1800	1956	7.93	cps
Titanium	47-1	170	250	223	214	19.00	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	23	50	30	58.79	cps
Vanadium	51-2	47	47	53	49	7.86	cps
Yttrium	89-1	16831961	16905484	16612406	16783284	0.91	cps
Yttrium	89-2	4269233	4305717	4243036	4272662	0.74	cps
Zinc	66-2	730	820	800	783	6.03	cps
Zirconium	90-1	767	760	693	740	5.48	cps
Zirconium	91-1	180	117	140	146	22.00	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12505	12068	12348	12307	1.80	cps
Antimony	121-1	42770	44114	44007	43630	1.71	cps
Arsenic	75-2	1223	1357	1400	1327	6.94	cps
Barium	135-1	53473	54735	54658	54289	1.30	cps
Barium	137-1	92549	94189	94773	93837	1.23	cps
Beryllium	9-1	3847	3814	3804	3822	0.59	cps
Bismuth	209-1	6764254	6494697	7087672	6782207	4.38	cps
Bismuth	209-2	5578594	5492474	5424065	5498378	1.41	cps
Bromine	81-1	10641	10260	10857	10586	2.86	cps
Bromine	81-2	127	100	120	116	12.01	cps
Cadmium	108-1	533	507	513	518	2.68	cps
Cadmium	106-1	3854	3664	3777	3765	2.54	cps
Cadmium	111-1	8753	9168	9200	9040	2.76	cps
Calcium	43-1	34469	35201	35542	35071	1.56	cps
Calcium	44-1	589457	595844	598620	594641	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26049	26400	25578	26009	1.58	cps
Cobalt	59-2	17333	17230	17343	17302	0.36	cps
Copper	63-2	28524	28400	28941	28622	0.99	cps
Dysprosium	156-1	403	290	377	357	16.61	cps
Dysprosium	156-2	80	83	53	72	22.77	cps
Erbium	164-1	67	73	120	87	33.53	cps
Erbium	164-2	43	37	57	46	22.36	cps
Gadolinium	160-1	60	47	47	51	15.06	cps
Gadolinium	160-2	283	253	330	289	13.37	cps
Holmium	165-1	11157669	10466864	11610797	11078443	5.20	cps
Holmium	165-2	7910573	7869378	7694074	7824675	1.47	cps
Indium	115-1	9421493	8883602	9717908	9341001	4.53	cps
Indium	115-2	3302847	3271455	3273132	3282478	0.54	cps
Iron	56-2	1963473	1911230	1919909	1931537	1.45	cps
Iron	57-2	52428	52605	52033	52355	0.56	cps
Iron	54-2	114820	114964	113806	114530	0.55	cps
Krypton	83-1	290	313	317	307	4.74	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16263	15989	16570	16274	1.79	cps
Lead	207-1	14298	14017	14178	14164	0.99	cps
Lead	208-1	65001	64688	64536	64742	0.37	cps
Lithium	6-1	1579951	1488378	1631196	1566508	4.62	cps
Magnesium	24-2	549688	545392	549054	548044	0.42	cps
Manganese	55-2	9213	9366	9470	9350	1.38	cps
Molybdenum	94-1	49657	50012	50426	50032	0.77	cps
Molybdenum	95-1	58941	60939	60163	60015	1.68	cps
Molybdenum	96-1	65931	67441	66879	66750	1.14	cps
Molybdenum	97-1	36472	37615	37478	37188	1.68	cps
Molybdenum	98-1	94147	96600	96123	95624	1.36	cps
Neodymium	150-1	10	7	17	11	45.82	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	5171	5108	5038	5105	1.31	cps
Phosphorus	31-2	160	153	223	179	21.60	cps
Potassium	39-2	732985	732195	730392	731857	0.18	cps
Rhodium	103-1	8945599	8454725	9288762	8896362	4.71	cps
Rhodium	103-2	5638402	5725495	5648209	5670702	0.84	cps
Scandium	45-1	5996520	5712176	6133760	5947485	3.62	cps
Scandium	45-2	557772	558485	560766	559008	0.28	cps
Selenium	82-1	2470	2438	2510	2472	1.46	cps
Selenium	77-2	253	210	180	214	17.19	cps
Selenium	78-2	897	1077	1037	1003	9.42	cps
Silicon	28-1	467643	472381	479485	473169	1.26	cps
Silver	107-1	27626	28588	28999	28405	2.48	cps
Silver	109-1	25656	26731	26594	26327	2.22	cps
Sodium	23-2	933426	936582	934097	934702	0.18	cps
Strontium	86-1	7986	8786	8849	8540	5.64	cps
Strontium	88-1	68090	70719	69115	69308	1.91	cps
Sulfur	34-1	266434	265689	266903	266342	0.23	cps
Terbium	159-1	11519182	10921285	11855159	11431876	4.14	cps
Terbium	159-2	7865141	7825803	7718060	7803001	0.98	cps
Thallium	203-1	18549	18383	19090	18674	1.98	cps
Thallium	205-1	43496	44810	45325	44544	2.12	cps
Tin	118-1	2360	2290	2404	2351	2.43	cps
Titanium	47-1	16946	17550	17560	17352	2.03	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55478	56794	57192	56488	1.59	cps
Vanadium	51-2	50066	48207	49183	49152	1.89	cps
Yttrium	89-1	15966798	15112851	16456690	15845446	4.29	cps
Yttrium	89-2	4085607	4145729	4112913	4114750	0.73	cps
Zinc	66-2	10587	10884	10357	10609	2.49	cps
Zirconium	90-1	42936	44002	44714	43884	2.04	cps
Zirconium	91-1	9453	9940	10023	9806	3.14	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6658	6675	6381	6571	2.51	cps
Antimony	121-1	21593	22768	22371	22244	2.69	cps
Arsenic	75-2	690	697	710	699	1.46	cps
Barium	135-1	27159	28068	27627	27618	1.64	cps
Barium	137-1	46961	48332	47345	47546	1.49	cps
Beryllium	9-1	2047	2007	2067	2040	1.50	cps
Bismuth	209-1	6844609	6922425	6919823	6895619	0.64	cps
Bismuth	209-2	5548001	5478010	5433826	5486612	1.05	cps
Bromine	81-1	10003	10017	10057	10026	0.28	cps
Bromine	81-2	140	107	117	121	14.12	cps
Cadmium	108-1	320	317	230	289	17.66	cps
Cadmium	106-1	3614	3691	3554	3619	1.89	cps
Cadmium	111-1	5826	6149	5964	5980	2.71	cps
Calcium	43-1	18278	18261	18935	18491	2.08	cps
Calcium	44-1	310808	317112	316852	314924	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13917	13583	14013	13838	1.63	cps
Cobalt	59-2	9136	8616	9236	8996	3.70	cps
Copper	63-2	15228	15358	15248	15278	0.46	cps
Dysprosium	156-1	383	380	367	377	2.34	cps
Dysprosium	156-2	80	67	90	79	14.84	cps
Erbium	164-1	100	80	83	88	12.21	cps
Erbium	164-2	50	53	63	56	12.49	cps
Gadolinium	160-1	50	70	47	56	22.71	cps
Gadolinium	160-2	257	277	270	268	3.80	cps
Holmium	165-1	10826678	11263488	11256758	11115641	2.25	cps
Holmium	165-2	7904759	7812284	7748804	7821949	1.00	cps
Indium	115-1	9389468	9606759	9429030	9475086	1.22	cps
Indium	115-2	3310927	3274157	3269979	3285021	0.69	cps
Iron	56-2	1043608	1046570	1047117	1045765	0.18	cps
Iron	57-2	27579	27415	27876	27623	0.85	cps
Iron	54-2	59263	59975	59781	59673	0.62	cps
Krypton	83-1	243	333	297	291	15.55	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8733	8393	8720	8615	2.24	cps
Lead	207-1	7502	7989	7499	7663	3.68	cps
Lead	208-1	34507	34627	34214	34449	0.62	cps
Lithium	6-1	1640324	1639971	1612007	1630767	1.00	cps
Magnesium	24-2	279606	276718	278692	278339	0.53	cps
Manganese	55-2	5264	5171	5091	5175	1.68	cps
Molybdenum	94-1	25923	25836	25783	25847	0.27	cps
Molybdenum	95-1	30923	31140	30953	31005	0.38	cps
Molybdenum	96-1	33412	34888	34070	34123	2.17	cps
Molybdenum	97-1	19433	19243	18936	19204	1.31	cps
Molybdenum	98-1	47610	49055	48781	48482	1.58	cps
Neodymium	150-1	17	13	7	12	41.65	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	2914	2784	2977	2891	3.41	cps
Phosphorus	31-2	180	207	200	196	7.10	cps
Potassium	39-2	408141	406342	410190	408224	0.47	cps
Rhodium	103-1	9016481	9166385	9231231	9138032	1.21	cps
Rhodium	103-2	5679790	5709985	5714617	5701464	0.33	cps
Scandium	45-1	5968534	6097141	6109936	6058537	1.29	cps
Scandium	45-2	563277	558679	561503	561153	0.41	cps
Selenium	82-1	1589	1463	1503	1518	4.23	cps
Selenium	77-2	97	110	70	92	22.08	cps
Selenium	78-2	737	673	653	688	6.33	cps
Silicon	28-1	399969	409951	410972	406964	1.49	cps
Silver	107-1	14147	14604	14928	14560	2.69	cps
Silver	109-1	13370	13727	13727	13608	1.51	cps
Sodium	23-2	493851	495559	495729	495046	0.21	cps
Strontium	86-1	5296	4384	4517	4732	10.40	cps
Strontium	88-1	43243	35707	36405	38451	10.83	cps
Sulfur	34-1	273081	273918	275394	274131	0.43	cps
Terbium	159-1	11488426	11505494	11647617	11547179	0.76	cps
Terbium	159-2	7630823	7671062	7773377	7691754	0.96	cps
Thallium	203-1	9700	9330	9423	9484	2.03	cps
Thallium	205-1	22519	22629	22375	22508	0.57	cps
Tin	118-1	2237	2250	2247	2245	0.31	cps
Titanium	47-1	8719	8529	9230	8826	4.10	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28347	28828	29433	28869	1.88	cps
Vanadium	51-2	24944	25124	24824	24964	0.61	cps
Yttrium	89-1	15986426	16338468	16243736	16189543	1.13	cps
Yttrium	89-2	4093334	4160368	4141376	4131693	0.84	cps
Zinc	66-2	5881	6251	6138	6090	3.11	cps
Zirconium	90-1	22871	23132	22648	22883	1.06	cps
Zirconium	91-1	4934	5164	5031	5043	2.29	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11739342	11578881	11624366	11647530	0.71	cps
Antimony	121-1	10130	10437	10577	10382	2.20	cps
Arsenic	75-2	52288	51141	50706	51378	1.59	cps
Barium	135-1	382803	384829	387300	384978	0.59	cps
Barium	137-1	653641	665486	670348	663158	1.30	cps
Beryllium	9-1	1203	1177	1220	1200	1.82	cps
Bismuth	209-1	6743483	6632410	6681505	6685799	0.83	cps
Bismuth	209-2	5219816	5221939	5237027	5226261	0.18	cps
Bromine	81-1	10911	10864	11164	10980	1.47	cps
Bromine	81-2	367	323	387	359	9.02	cps
Cadmium	108-1	227	273	210	237	13.87	cps
Cadmium	106-1	3927	3747	3640	3772	3.84	cps
Cadmium	111-1	3677	3348	3408	3478	5.04	cps
Calcium	43-1	1272981	1297926	1315689	1295532	1.66	cps
Calcium	44-1	20931010	21174776	21518041	21207942	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	641102	636591	636852	638182	0.40	cps
Cobalt	59-2	401874	395747	392047	396556	1.25	cps
Copper	63-2	794759	795015	796436	795403	0.11	cps
Dysprosium	156-1	45677	47527	47731	46978	2.41	cps
Dysprosium	156-2	38322	38660	38118	38367	0.71	cps
Erbium	164-1	44267	44919	44969	44718	0.88	cps
Erbium	164-2	30142	29384	30072	29866	1.40	cps
Gadolinium	160-1	44470	45323	45306	45033	1.08	cps
Gadolinium	160-2	32040	32742	33002	32595	1.53	cps
Holmium	165-1	11339892	11286974	11302624	11309830	0.24	cps
Holmium	165-2	7633492	7721239	7688889	7681207	0.58	cps
Indium	115-1	9414395	9392460	9465898	9424251	0.40	cps
Indium	115-2	3191845	3191500	3196193	3193179	0.08	cps
Iron	56-2	400992074	397315701	393349741	397219172	0.96	cps
Iron	57-2	9853628	9783276	9706683	9781196	0.75	cps
Iron	54-2	21984534	21730826	21629021	21781461	0.84	cps
Krypton	83-1	363	373	377	371	1.87	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113503	115291	111856	113550	1.51	cps
Lead	207-1	92080	91129	91888	91699	0.55	cps
Lead	208-1	421837	426619	426049	424835	0.61	cps
Lithium	6-1	1604143	1616239	1614300	1611561	0.40	cps
Magnesium	24-2	12389677	12451059	12470397	12437045	0.34	cps
Manganese	55-2	5118120	5103154	5018448	5079907	1.06	cps
Molybdenum	94-1	55833	57094	57455	56794	1.50	cps
Molybdenum	95-1	4781	4911	5291	4994	5.31	cps
Molybdenum	96-1	17901	18141	18378	18140	1.32	cps
Molybdenum	97-1	3074	3197	3144	3138	1.97	cps
Molybdenum	98-1	7595	7946	8079	7873	3.17	cps
Neodymium	150-1	80263	81739	81366	81123	0.95	cps
Neodymium	150-2	46670	46663	47309	46881	0.79	cps
Nickel	60-2	190940	192366	193012	192106	0.55	cps
Phosphorus	31-2	24042	23996	23335	23791	1.66	cps
Potassium	39-2	1345873	1364892	1353324	1354696	0.71	cps
Rhodium	103-1	8968758	8902719	9029078	8966852	0.70	cps
Rhodium	103-2	5538044	5474742	5529745	5514177	0.62	cps
Scandium	45-1	6417725	6526628	6564326	6502893	1.17	cps
Scandium	45-2	600274	600625	600489	600463	0.03	cps
Selenium	82-1	673	704	664	680	3.13	cps
Selenium	77-2	240	187	213	213	12.50	cps
Selenium	78-2	527	507	470	501	5.74	cps
Silicon	28-1	36578212	36721234	36582554	36627333	0.22	cps
Silver	107-1	2397	1963	1790	2050	15.24	cps
Silver	109-1	2190	1723	1447	1787	21.03	cps
Sodium	23-2	601693	602283	601496	601824	0.07	cps
Strontium	86-1	329750	331330	336242	332440	1.02	cps
Strontium	88-1	2848361	2887313	2864432	2866702	0.68	cps
Sulfur	34-1	293465	290864	289933	291421	0.63	cps
Terbium	159-1	11689753	11469424	11744619	11634599	1.25	cps
Terbium	159-2	7857029	7630653	7775068	7754250	1.48	cps
Thallium	203-1	1727	1617	1610	1651	3.97	cps
Thallium	205-1	4061	3971	3831	3954	2.93	cps
Tin	118-1	17457	18310	17638	17802	2.52	cps
Titanium	47-1	1849965	1885449	1866294	1867236	0.95	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40863	40859	40348	40690	0.73	cps
Vanadium	51-2	930486	927720	931072	929759	0.19	cps
Yttrium	89-1	17123621	17249880	17266149	17213216	0.45	cps
Yttrium	89-2	4308325	4314830	4383657	4335604	0.96	cps
Zinc	66-2	134970	134496	134533	134666	0.20	cps
Zirconium	90-1	145563	150196	151219	148992	2.02	cps
Zirconium	91-1	32927	33137	33735	33267	1.26	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10659748	10550423	10521049	10577073	0.69	cps
Antimony	121-1	17057	16887	17230	17058	1.01	cps
Arsenic	75-2	54751	53851	54670	54424	0.92	cps
Barium	135-1	754140	773088	778877	768702	1.68	cps
Barium	137-1	1307872	1356380	1345352	1336535	1.90	cps
Beryllium	9-1	2957	3110	3097	3055	2.78	cps
Bismuth	209-1	6791184	6732182	6933476	6818948	1.52	cps
Bismuth	209-2	5344230	5315780	5462193	5374068	1.44	cps
Bromine	81-1	13079	13076	13093	13083	0.07	cps
Bromine	81-2	900	957	967	941	3.82	cps
Cadmium	108-1	287	280	320	296	7.25	cps
Cadmium	106-1	3984	3751	3664	3799	4.36	cps
Cadmium	111-1	5248	5340	4954	5181	3.89	cps
Calcium	43-1	440589	446059	449527	445392	1.01	cps
Calcium	44-1	6593268	6710288	6711342	6671633	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254534	254283	249935	252917	1.02	cps
Cobalt	59-2	283849	287878	284507	285411	0.76	cps
Copper	63-2	562920	565528	562912	563787	0.27	cps
Dysprosium	156-1	82873	84911	84304	84029	1.25	cps
Dysprosium	156-2	70536	70784	70801	70707	0.21	cps
Erbium	164-1	68165	68617	69485	68756	0.98	cps
Erbium	164-2	46832	46343	46818	46664	0.60	cps
Gadolinium	160-1	78629	79377	79139	79048	0.48	cps
Gadolinium	160-2	57544	58077	57815	57812	0.46	cps
Holmium	165-1	11154848	11424456	11323917	11301074	1.21	cps
Holmium	165-2	7862496	7882074	7795337	7846636	0.58	cps
Indium	115-1	9153141	9234849	9281933	9223308	0.71	cps
Indium	115-2	3228319	3199118	3253550	3226996	0.84	cps
Iron	56-2	391874021	394077287	392495661	392815656	0.29	cps
Iron	57-2	9597428	9667719	9599329	9621492	0.42	cps
Iron	54-2	21739422	21640447	21697921	21692597	0.23	cps
Krypton	83-1	443	450	427	440	2.73	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	478426	484524	488596	483849	1.06	cps
Lead	207-1	433651	446340	446820	442270	1.69	cps
Lead	208-1	1941351	1982620	1997696	1973889	1.48	cps
Lithium	6-1	1577615	1582736	1547530	1569294	1.21	cps
Magnesium	24-2	6163998	6131478	6080636	6125371	0.69	cps
Manganese	55-2	6095879	6112440	6093635	6100652	0.17	cps
Molybdenum	94-1	53547	55749	55752	55016	2.31	cps
Molybdenum	95-1	6281	6448	6315	6348	1.39	cps
Molybdenum	96-1	18629	19366	18929	18975	1.95	cps
Molybdenum	97-1	3724	3864	3861	3816	2.09	cps
Molybdenum	98-1	9310	9730	9813	9618	2.81	cps
Neodymium	150-1	157543	161147	161561	160083	1.38	cps
Neodymium	150-2	91662	92678	93953	92765	1.24	cps
Nickel	60-2	81671	80685	82170	81509	0.93	cps
Phosphorus	31-2	34265	34325	33757	34116	0.91	cps
Potassium	39-2	5601160	5691401	5592914	5628492	0.97	cps
Rhodium	103-1	8809397	8902719	8898894	8870337	0.60	cps
Rhodium	103-2	5546781	5472707	5552132	5523873	0.80	cps
Scandium	45-1	6206590	6360072	6278594	6281752	1.22	cps
Scandium	45-2	582668	584225	582627	583173	0.16	cps
Selenium	82-1	762	713	749	741	3.40	cps
Selenium	77-2	287	347	313	316	9.53	cps
Selenium	78-2	600	657	660	639	5.28	cps
Silicon	28-1	33852575	34256907	34608844	34239442	1.11	cps
Silver	107-1	5481	6041	5661	5728	4.99	cps
Silver	109-1	5211	5144	5308	5221	1.57	cps
Sodium	23-2	183643	186562	186930	185712	0.97	cps
Strontium	86-1	289832	297331	298387	295183	1.58	cps
Strontium	88-1	2505078	2548710	2559680	2537823	1.14	cps
Sulfur	34-1	254547	246798	240751	247365	2.80	cps
Terbium	159-1	11574461	11640669	11585859	11600330	0.31	cps
Terbium	159-2	7795384	7767988	7847960	7803777	0.52	cps
Thallium	203-1	3237	3454	3394	3362	3.33	cps
Thallium	205-1	7782	7926	8056	7921	1.73	cps
Tin	118-1	19734	19934	19724	19797	0.60	cps
Titanium	47-1	2278951	2304949	2346065	2309988	1.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27699	28133	29239	28357	2.80	cps
Vanadium	51-2	768202	768796	765871	767623	0.20	cps
Yttrium	89-1	17098532	17296324	17048371	17147742	0.76	cps
Yttrium	89-2	4354932	4331588	4382825	4356449	0.59	cps
Zinc	66-2	256633	258037	256369	257013	0.35	cps
Zirconium	90-1	138011	143695	143355	141687	2.25	cps
Zirconium	91-1	31384	31828	32362	31858	1.54	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14446859	14402301	14412120	14420427	0.16	cps
Antimony	121-1	11872	11915	12082	11956	0.93	cps
Arsenic	75-2	38948	38349	38690	38662	0.78	cps
Barium	135-1	1239170	1255451	1266407	1253676	1.09	cps
Barium	137-1	2179949	2243262	2267896	2230369	2.03	cps
Beryllium	9-1	3594	3477	3440	3504	2.29	cps
Bismuth	209-1	6865129	6870437	6775783	6837116	0.78	cps
Bismuth	209-2	5347456	5361733	5315926	5341705	0.44	cps
Bromine	81-1	12085	12699	12545	12443	2.57	cps
Bromine	81-2	873	890	907	890	1.87	cps
Cadmium	108-1	317	293	257	289	10.47	cps
Cadmium	106-1	4224	3831	3631	3895	7.75	cps
Cadmium	111-1	4089	3889	3725	3901	4.67	cps
Calcium	43-1	593592	612550	609890	605344	1.70	cps
Calcium	44-1	8861491	9174687	9027140	9021106	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313906	317113	315556	315525	0.51	cps
Cobalt	59-2	361383	359320	360273	360325	0.29	cps
Copper	63-2	559980	556736	557862	558192	0.30	cps
Dysprosium	156-1	107917	108350	108965	108411	0.49	cps
Dysprosium	156-2	88365	88966	89164	88832	0.47	cps
Erbium	164-1	92219	94151	94483	93618	1.31	cps
Erbium	164-2	64836	63437	64130	64134	1.09	cps
Gadolinium	160-1	104560	105947	107650	106052	1.46	cps
Gadolinium	160-2	76364	78066	76910	77113	1.13	cps
Holmium	165-1	11270999	11367877	11455128	11364668	0.81	cps
Holmium	165-2	7891300	7827401	7923650	7880784	0.62	cps
Indium	115-1	9196739	9345355	9436588	9326227	1.30	cps
Indium	115-2	3218327	3209607	3189640	3205858	0.46	cps
Iron	56-2	470428020	475436526	469642326	471835624	0.67	cps
Iron	57-2	11797182	11698968	11568214	11688121	0.98	cps
Iron	54-2	25949100	26134899	25832770	25972256	0.59	cps
Krypton	83-1	453	453	467	458	1.68	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	292280	300237	297433	296650	1.36	cps
Lead	207-1	251765	258926	257940	256210	1.51	cps
Lead	208-1	1150310	1177189	1172189	1166563	1.23	cps
Lithium	6-1	1519470	1540737	1577079	1545762	1.88	cps
Magnesium	24-2	8739726	8718384	8756161	8738090	0.22	cps
Manganese	55-2	7606001	7614931	7573004	7597979	0.29	cps
Molybdenum	94-1	90115	92201	93097	91804	1.67	cps
Molybdenum	95-1	7158	7499	7332	7330	2.32	cps
Molybdenum	96-1	26594	26995	26604	26731	0.85	cps
Molybdenum	97-1	4307	4524	4534	4455	2.88	cps
Molybdenum	98-1	11301	11401	11688	11463	1.75	cps
Neodymium	150-1	188587	192193	193533	191438	1.34	cps
Neodymium	150-2	110693	110408	112599	111233	1.07	cps
Nickel	60-2	103474	103451	103242	103389	0.12	cps
Phosphorus	31-2	37162	36510	36300	36657	1.23	cps
Potassium	39-2	5395291	5382981	5346162	5374811	0.48	cps
Rhodium	103-1	8907789	8866208	8867629	8880542	0.27	cps
Rhodium	103-2	5617558	5447372	5511586	5525505	1.56	cps
Scandium	45-1	6339345	6415609	6380868	6378607	0.60	cps
Scandium	45-2	594293	593478	596544	594772	0.27	cps
Selenium	82-1	647	710	698	685	4.88	cps
Selenium	77-2	493	463	487	481	3.27	cps
Selenium	78-2	590	693	657	647	8.10	cps
Silicon	28-1	38204482	38886072	39168334	38752963	1.28	cps
Silver	107-1	2297	2447	2420	2388	3.35	cps
Silver	109-1	2267	2214	2264	2248	1.33	cps
Sodium	23-2	279758	279515	282047	280440	0.50	cps
Strontium	86-1	393591	404360	404892	400948	1.59	cps
Strontium	88-1	3398128	3483765	3540867	3474253	2.07	cps
Sulfur	34-1	220863	221177	219882	220641	0.31	cps
Terbium	159-1	11630173	11813887	11912466	11785509	1.22	cps
Terbium	159-2	7873027	7841500	7758412	7824313	0.76	cps
Thallium	203-1	3694	3747	3761	3734	0.94	cps
Thallium	205-1	8753	8970	9016	8913	1.58	cps
Tin	118-1	21202	21289	21373	21288	0.40	cps
Titanium	47-1	2618459	2678432	2684269	2660387	1.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41488	41063	42438	41663	1.69	cps
Vanadium	51-2	904606	898242	899099	900649	0.38	cps
Yttrium	89-1	17446514	17625347	17965847	17679236	1.49	cps
Yttrium	89-2	4532999	4458548	4472747	4488098	0.88	cps
Zinc	66-2	197826	197019	197559	197468	0.21	cps
Zirconium	90-1	238027	243740	246664	242811	1.81	cps
Zirconium	91-1	52955	54862	53888	53902	1.77	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7466027	7410180	7297641	7391283	1.16	cps
Antimony	121-1	23232	23776	23529	23513	1.16	cps
Arsenic	75-2	80661	81552	80902	81038	0.57	cps
Barium	135-1	592706	608707	611771	604395	1.69	cps
Barium	137-1	1031207	1059168	1052381	1047585	1.39	cps
Beryllium	9-1	2127	2507	2264	2299	8.37	cps
Bismuth	209-1	6996412	6999658	7047567	7014546	0.41	cps
Bismuth	209-2	5426771	5572059	5403648	5467493	1.67	cps
Bromine	81-1	11471	11635	11435	11513	0.93	cps
Bromine	81-2	620	590	650	620	4.84	cps
Cadmium	108-1	490	510	413	471	10.83	cps
Cadmium	106-1	4124	4037	4147	4103	1.41	cps
Cadmium	111-1	7221	7367	7491	7360	1.84	cps
Calcium	43-1	294514	301974	302333	299607	1.47	cps
Calcium	44-1	4402028	4543416	4507147	4484197	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	220728	220147	219133	220003	0.37	cps
Cobalt	59-2	276593	276437	275570	276200	0.20	cps
Copper	63-2	576174	572721	569257	572718	0.60	cps
Dysprosium	156-1	63998	65345	66721	65355	2.08	cps
Dysprosium	156-2	52913	53615	53893	53473	0.94	cps
Erbium	164-1	55647	56406	57086	56380	1.28	cps
Erbium	164-2	38978	38396	38770	38715	0.76	cps
Gadolinium	160-1	61859	63202	64032	63031	1.74	cps
Gadolinium	160-2	46667	45698	45761	46042	1.18	cps
Holmium	165-1	11377789	11554332	11571107	11501076	0.93	cps
Holmium	165-2	7966447	7965513	7875059	7935673	0.66	cps
Indium	115-1	9424781	9355656	9648543	9476327	1.62	cps
Indium	115-2	3246754	3263239	3200259	3236751	1.01	cps
Iron	56-2	341434768	342048702	338182788	340555419	0.61	cps
Iron	57-2	8429207	8413704	8349209	8397374	0.51	cps
Iron	54-2	18850488	18722426	18750768	18774561	0.36	cps
Krypton	83-1	373	400	393	389	3.57	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	700316	714439	720181	711645	1.44	cps
Lead	207-1	648961	673076	671163	664400	2.02	cps
Lead	208-1	2869245	2957114	2959620	2928660	1.76	cps
Lithium	6-1	1558448	1559176	1573951	1563858	0.56	cps
Magnesium	24-2	4292039	4328826	4287458	4302774	0.53	cps
Manganese	55-2	6286200	6304881	6248885	6279989	0.45	cps
Molybdenum	94-1	50022	51410	51440	50957	1.59	cps
Molybdenum	95-1	6281	6782	6788	6617	4.39	cps
Molybdenum	96-1	18348	18298	18695	18447	1.17	cps
Molybdenum	97-1	4044	4147	4084	4092	1.27	cps
Molybdenum	98-1	10457	10774	10230	10487	2.60	cps
Neodymium	150-1	115304	116850	116983	116379	0.80	cps
Neodymium	150-2	67380	67089	67544	67338	0.34	cps
Nickel	60-2	64665	64407	63798	64290	0.69	cps
Phosphorus	31-2	28052	28887	27959	28300	1.81	cps
Potassium	39-2	3755905	3784599	3724106	3754870	0.81	cps
Rhodium	103-1	8953389	9038359	9090117	9027288	0.76	cps
Rhodium	103-2	5628260	5611365	5601785	5613803	0.24	cps
Scandium	45-1	6258232	6283583	6255947	6265921	0.24	cps
Scandium	45-2	579224	582217	574320	578587	0.69	cps
Selenium	82-1	760	751	802	771	3.53	cps
Selenium	77-2	283	290	290	288	1.34	cps
Selenium	78-2	583	577	613	591	3.30	cps
Silicon	28-1	35790444	37182334	37455121	36809300	2.43	cps
Silver	107-1	7282	7455	7275	7337	1.39	cps
Silver	109-1	6505	6725	6815	6682	2.39	cps
Sodium	23-2	188651	187813	186619	187694	0.54	cps
Strontium	86-1	211957	217708	219224	216296	1.77	cps
Strontium	88-1	1821681	1874184	1876504	1857456	1.67	cps
Sulfur	34-1	225631	225151	223498	224760	0.50	cps
Terbium	159-1	11893764	11996569	12033278	11974537	0.60	cps
Terbium	159-2	7975681	7892687	7903127	7923831	0.57	cps
Thallium	203-1	2700	2617	2744	2687	2.40	cps
Thallium	205-1	6145	6355	6575	6358	3.38	cps
Tin	118-1	22060	22474	23269	22601	2.72	cps
Titanium	47-1	2541994	2566561	2585731	2564762	0.85	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27138	28414	28207	27919	2.45	cps
Vanadium	51-2	702824	695834	690293	696317	0.90	cps
Yttrium	89-1	17093152	16986260	17236610	17105341	0.73	cps
Yttrium	89-2	4325687	4334914	4338582	4333061	0.15	cps
Zinc	66-2	378028	375424	372480	375311	0.74	cps
Zirconium	90-1	129036	131028	132373	130812	1.28	cps
Zirconium	91-1	28408	29363	29753	29175	2.37	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11686205	11759034	11824959	11756732	0.59	cps
Antimony	121-1	10330	10591	10968	10630	3.01	cps
Arsenic	75-2	36298	37090	37384	36924	1.52	cps
Barium	135-1	919147	932473	945732	932451	1.43	cps
Barium	137-1	1628636	1648494	1693771	1656967	2.01	cps
Beryllium	9-1	2994	2707	2947	2883	5.34	cps
Bismuth	209-1	7089753	7206259	7175270	7157094	0.84	cps
Bismuth	209-2	5461776	5467562	5490435	5473258	0.28	cps
Bromine	81-1	12185	12289	12459	12311	1.12	cps
Bromine	81-2	757	723	747	742	2.30	cps
Cadmium	108-1	260	267	283	270	4.45	cps
Cadmium	106-1	3704	3877	3811	3797	2.30	cps
Cadmium	111-1	3841	3884	3806	3844	1.02	cps
Calcium	43-1	451149	461126	468906	460394	1.93	cps
Calcium	44-1	6742964	6989120	7001858	6911314	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255608	255701	257062	256123	0.32	cps
Cobalt	59-2	269351	267406	267247	268001	0.44	cps
Copper	63-2	451109	451144	451453	451236	0.04	cps
Dysprosium	156-1	85850	88735	88839	87808	1.93	cps
Dysprosium	156-2	71410	71115	72446	71657	0.98	cps
Erbium	164-1	73174	76317	76287	75259	2.40	cps
Erbium	164-2	50471	51013	50451	50645	0.63	cps
Gadolinium	160-1	83691	86404	86498	85531	1.86	cps
Gadolinium	160-2	63229	62475	62927	62877	0.60	cps
Holmium	165-1	11454309	11774738	11589846	11606298	1.39	cps
Holmium	165-2	8079586	8005964	8031947	8039166	0.46	cps
Indium	115-1	9355509	9296532	9497401	9383147	1.10	cps
Indium	115-2	3248972	3256532	3222787	3242763	0.55	cps
Iron	56-2	357138395	357206488	358335488	357560124	0.19	cps
Iron	57-2	8748768	8788835	8747096	8761566	0.27	cps
Iron	54-2	19573289	19795338	19550759	19639795	0.69	cps
Krypton	83-1	423	460	447	443	4.19	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	281868	282760	286791	283806	0.92	cps
Lead	207-1	248598	252034	257283	252638	1.73	cps
Lead	208-1	1121277	1138300	1146163	1135247	1.12	cps
Lithium	6-1	1571219	1555630	1597200	1574683	1.33	cps
Magnesium	24-2	7006160	6983309	6949384	6979618	0.41	cps
Manganese	55-2	5447625	5484646	5499442	5477238	0.49	cps
Molybdenum	94-1	84884	86037	88387	86436	2.07	cps
Molybdenum	95-1	5728	5748	6035	5837	2.94	cps
Molybdenum	96-1	22741	23369	23980	23363	2.65	cps
Molybdenum	97-1	3314	3557	3510	3460	3.73	cps
Molybdenum	98-1	8616	8966	9256	8946	3.58	cps
Neodymium	150-1	157122	161655	164771	161183	2.39	cps
Neodymium	150-2	93685	93062	93947	93565	0.49	cps
Nickel	60-2	84885	84996	83628	84503	0.90	cps
Phosphorus	31-2	27772	26987	28200	27653	2.22	cps
Potassium	39-2	4336451	4254389	4384163	4325001	1.52	cps
Rhodium	103-1	8886542	9004883	8982847	8958091	0.70	cps
Rhodium	103-2	5582521	5538079	5534482	5551694	0.48	cps
Scandium	45-1	6260250	6386152	6381261	6342554	1.12	cps
Scandium	45-2	582854	579603	582440	581633	0.30	cps
Selenium	82-1	672	684	630	662	4.31	cps
Selenium	77-2	347	417	297	353	17.06	cps
Selenium	78-2	657	617	613	629	3.83	cps
Silicon	28-1	34405249	35539917	35613895	35186354	1.93	cps
Silver	107-1	2737	2800	2554	2697	4.75	cps
Silver	109-1	2387	2530	2567	2495	3.81	cps
Sodium	23-2	205168	206741	207380	206430	0.55	cps
Strontium	86-1	295781	301391	303636	300269	1.35	cps
Strontium	88-1	2568722	2620356	2642432	2610503	1.45	cps
Sulfur	34-1	216285	216444	216126	216285	0.07	cps
Terbium	159-1	11877373	12027513	12046816	11983901	0.77	cps
Terbium	159-2	7894545	8095628	7903577	7964584	1.43	cps
Thallium	203-1	2670	2574	2770	2671	3.68	cps
Thallium	205-1	6628	6328	6288	6415	2.90	cps
Tin	118-1	18218	18999	19196	18805	2.75	cps
Titanium	47-1	1980771	2035587	2047715	2021358	1.76	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31420	32957	32931	32436	2.71	cps
Vanadium	51-2	644949	637322	641295	641188	0.59	cps
Yttrium	89-1	17379709	17440857	17536241	17452269	0.45	cps
Yttrium	89-2	4442050	4355128	4431601	4409593	1.08	cps
Zinc	66-2	182680	180827	180436	181314	0.66	cps
Zirconium	90-1	228903	231879	232515	231099	0.83	cps
Zirconium	91-1	50192	51734	51982	51303	1.89	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15809082	15674359	15776003	15753148	0.45	cps
Antimony	121-1	15559	15515	15819	15631	1.05	cps
Arsenic	75-2	59950	60372	59699	60007	0.57	cps
Barium	135-1	1264769	1285832	1300916	1283839	1.41	cps
Barium	137-1	2280517	2311246	2336032	2309265	1.20	cps
Beryllium	9-1	3797	3867	4001	3888	2.66	cps
Bismuth	209-1	7023550	7009523	7174292	7069122	1.29	cps
Bismuth	209-2	5586440	5558448	5526356	5557081	0.54	cps
Bromine	81-1	15088	15435	15739	15420	2.11	cps
Bromine	81-2	1277	1210	1383	1290	6.78	cps
Cadmium	108-1	393	367	360	373	4.72	cps
Cadmium	106-1	4054	3924	4124	4034	2.52	cps
Cadmium	111-1	5076	5140	5282	5166	2.04	cps
Calcium	43-1	674546	687483	695959	685996	1.57	cps
Calcium	44-1	10249668	10331769	10480074	10353837	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477357	480860	478058	478758	0.39	cps
Cobalt	59-2	353719	354614	350366	352900	0.63	cps
Copper	63-2	651446	653534	651292	652091	0.19	cps
Dysprosium	156-1	109782	111354	112039	111058	1.04	cps
Dysprosium	156-2	89164	90053	90422	89880	0.72	cps
Erbium	164-1	95514	98303	97535	97117	1.48	cps
Erbium	164-2	66303	66541	65439	66094	0.88	cps
Gadolinium	160-1	107680	110915	110945	109847	1.71	cps
Gadolinium	160-2	79105	77948	78853	78636	0.77	cps
Holmium	165-1	11582431	11721591	11847006	11717009	1.13	cps
Holmium	165-2	8037361	8096513	8109343	8081072	0.48	cps
Indium	115-1	9525900	9494869	9687165	9569311	1.08	cps
Indium	115-2	3230744	3239673	3277774	3249397	0.77	cps
Iron	56-2	486814366	481672713	478655526	482380868	0.86	cps
Iron	57-2	11897436	11974734	11921019	11931063	0.33	cps
Iron	54-2	26671446	26620225	26572837	26621503	0.19	cps
Krypton	83-1	517	453	400	457	12.79	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	431096	439886	441354	437445	1.27	cps
Lead	207-1	391096	391656	394828	392527	0.51	cps
Lead	208-1	1734654	1763530	1764736	1754307	0.97	cps
Lithium	6-1	1595711	1588747	1618360	1600939	0.97	cps
Magnesium	24-2	9782562	9661541	9688087	9710730	0.66	cps
Manganese	55-2	7837088	7845926	7740605	7807873	0.75	cps
Molybdenum	94-1	82259	85286	84072	83872	1.82	cps
Molybdenum	95-1	7175	7292	7359	7275	1.28	cps
Molybdenum	96-1	25299	25305	25629	25411	0.74	cps
Molybdenum	97-1	4584	4577	4331	4497	3.21	cps
Molybdenum	98-1	11158	11228	11505	11297	1.62	cps
Neodymium	150-1	195774	197867	200216	197952	1.12	cps
Neodymium	150-2	112487	112481	112807	112592	0.17	cps
Nickel	60-2	134792	134974	134403	134723	0.22	cps
Phosphorus	31-2	36510	36751	36754	36672	0.38	cps
Potassium	39-2	6639836	6596861	6539958	6592218	0.76	cps
Rhodium	103-1	8833170	8846908	8904403	8861494	0.43	cps
Rhodium	103-2	5546027	5523026	5643261	5570771	1.15	cps
Scandium	45-1	6442082	6468778	6513021	6474627	0.55	cps
Scandium	45-2	591208	590029	591493	590910	0.13	cps
Selenium	82-1	692	807	815	771	8.92	cps
Selenium	77-2	503	413	507	474	11.16	cps
Selenium	78-2	693	717	647	686	5.20	cps
Silicon	28-1	33834040	34127880	34056288	34006069	0.45	cps
Silver	107-1	4531	4504	4424	4486	1.24	cps
Silver	109-1	4077	4371	4134	4194	3.71	cps
Sodium	23-2	248261	250387	249527	249392	0.43	cps
Strontium	86-1	406765	414646	413984	411798	1.06	cps
Strontium	88-1	3510303	3563882	3558028	3544071	0.83	cps
Sulfur	34-1	241743	242247	244661	242883	0.64	cps
Terbium	159-1	12053050	12003892	12290053	12115665	1.26	cps
Terbium	159-2	7965691	7912046	8001462	7959733	0.57	cps
Thallium	203-1	3631	3681	3684	3665	0.82	cps
Thallium	205-1	8776	8539	8660	8658	1.37	cps
Tin	118-1	20007	19627	20388	20007	1.90	cps
Titanium	47-1	2426808	2437789	2451886	2438828	0.52	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38348	38539	39308	38732	1.31	cps
Vanadium	51-2	828709	829886	828400	828998	0.09	cps
Yttrium	89-1	17590298	17665728	17962961	17739662	1.11	cps
Yttrium	89-2	4481811	4473921	4443061	4466264	0.46	cps
Zinc	66-2	296907	296107	295955	296323	0.17	cps
Zirconium	90-1	215288	220484	220044	218605	1.32	cps
Zirconium	91-1	47724	55394	48340	50486	8.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9237403	9313132	9144541	9231692	0.91	cps
Antimony	121-1	26635	27179	26444	26753	1.43	cps
Arsenic	75-2	94991	93217	92925	93711	1.19	cps
Barium	135-1	732768	742665	748127	741187	1.05	cps
Barium	137-1	1252603	1296776	1291653	1280344	1.89	cps
Beryllium	9-1	2574	2947	2834	2785	6.87	cps
Bismuth	209-1	7190962	7049316	7201639	7147306	1.19	cps
Bismuth	209-2	5556513	5431412	5599697	5529207	1.58	cps
Bromine	81-1	11605	11541	11568	11571	0.27	cps
Bromine	81-2	547	527	693	589	15.45	cps
Cadmium	108-1	457	537	497	497	8.05	cps
Cadmium	106-1	4354	4111	4107	4191	3.38	cps
Cadmium	111-1	7512	7569	7475	7519	0.63	cps
Calcium	43-1	375796	383690	386031	381839	1.40	cps
Calcium	44-1	5678007	5738590	5851476	5756024	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281519	281014	279744	280759	0.33	cps
Cobalt	59-2	328573	327705	327731	328003	0.15	cps
Copper	63-2	792341	800050	790385	794259	0.64	cps
Dysprosium	156-1	77435	79567	80140	79047	1.80	cps
Dysprosium	156-2	65006	63513	63864	64128	1.22	cps
Erbium	164-1	68222	70473	70631	69775	1.93	cps
Erbium	164-2	47541	46430	47464	47145	1.32	cps
Gadolinium	160-1	76920	78123	77878	77640	0.82	cps
Gadolinium	160-2	56306	55128	55269	55567	1.16	cps
Holmium	165-1	11556296	11685657	11464107	11568686	0.96	cps
Holmium	165-2	7978990	7822750	7973996	7925245	1.12	cps
Indium	115-1	9462999	9432106	9432040	9442382	0.19	cps
Indium	115-2	3233322	3255804	3209187	3232771	0.72	cps
Iron	56-2	481102273	480225340	473238433	478188682	0.90	cps
Iron	57-2	11731016	11679754	11684493	11698421	0.24	cps
Iron	54-2	26543870	26228595	26370518	26380994	0.60	cps
Krypton	83-1	373	380	407	387	4.56	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	797470	801067	819186	805908	1.44	cps
Lead	207-1	716942	729913	742081	729645	1.72	cps
Lead	208-1	3389001	3441017	3485141	3438386	1.40	cps
Lithium	6-1	1599986	1634431	1542323	1592247	2.92	cps
Magnesium	24-2	5824410	5800974	5726123	5783836	0.89	cps
Manganese	55-2	6725932	6620921	6573268	6640040	1.18	cps
Molybdenum	94-1	76813	79621	78820	78418	1.84	cps
Molybdenum	95-1	8489	8796	9033	8773	3.11	cps
Molybdenum	96-1	25703	26454	26454	26204	1.66	cps
Molybdenum	97-1	5294	5278	5428	5333	1.54	cps
Molybdenum	98-1	13536	13593	13910	13680	1.47	cps
Neodymium	150-1	139156	141640	140213	140336	0.89	cps
Neodymium	150-2	81393	81400	79918	80904	1.06	cps
Nickel	60-2	79322	79194	78507	79008	0.55	cps
Phosphorus	31-2	37486	36898	37452	37279	0.89	cps
Potassium	39-2	4891110	4840766	4841779	4857885	0.59	cps
Rhodium	103-1	8855383	8788255	8887928	8843855	0.57	cps
Rhodium	103-2	5590311	5541851	5527956	5553373	0.59	cps
Scandium	45-1	6191441	6216134	6272330	6226635	0.67	cps
Scandium	45-2	576188	570072	569351	571870	0.66	cps
Selenium	82-1	869	760	806	811	6.75	cps
Selenium	77-2	337	320	337	331	2.91	cps
Selenium	78-2	543	617	620	593	7.30	cps
Silicon	28-1	33876415	34948902	34064044	34296454	1.67	cps
Silver	107-1	6058	6198	6368	6208	2.50	cps
Silver	109-1	5728	5978	6008	5905	2.60	cps
Sodium	23-2	217801	217413	218311	217842	0.21	cps
Strontium	86-1	275678	278402	277255	277112	0.49	cps
Strontium	88-1	2355411	2443497	2412111	2403673	1.86	cps
Sulfur	34-1	227969	224254	224403	225542	0.93	cps
Terbium	159-1	11790359	11931506	11940914	11887593	0.71	cps
Terbium	159-2	8003377	7958406	7761492	7907758	1.63	cps
Thallium	203-1	3674	3667	3767	3703	1.51	cps
Thallium	205-1	8680	8796	9487	8988	4.85	cps
Tin	118-1	21910	22287	22628	22275	1.61	cps
Titanium	47-1	3275967	3268699	3271377	3272015	0.11	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35036	36226	35514	35592	1.68	cps
Vanadium	51-2	1005618	1000108	993572	999766	0.60	cps
Yttrium	89-1	16948358	17342393	17285679	17192143	1.24	cps
Yttrium	89-2	4361942	4317568	4333055	4337522	0.52	cps
Zinc	66-2	391801	386466	387356	388541	0.74	cps
Zirconium	90-1	199823	201902	202401	201375	0.68	cps
Zirconium	91-1	44822	45233	45313	45123	0.58	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10536846	10628835	10709481	10625054	0.81	cps
Antimony	121-1	21827	22334	22568	22243	1.70	cps
Arsenic	75-2	80818	79977	80121	80306	0.56	cps
Barium	135-1	918355	929669	940915	929646	1.21	cps
Barium	137-1	1639040	1638702	1666226	1647989	0.96	cps
Beryllium	9-1	3007	3130	3104	3080	2.11	cps
Bismuth	209-1	6901238	6975371	7033270	6969959	0.95	cps
Bismuth	209-2	5416344	5460507	5455782	5444211	0.45	cps
Bromine	81-1	12726	12238	12896	12620	2.70	cps
Bromine	81-2	767	787	927	827	10.55	cps
Cadmium	108-1	433	363	393	397	8.85	cps
Cadmium	106-1	3951	4037	3837	3942	2.55	cps
Cadmium	111-1	6163	6439	6295	6299	2.19	cps
Calcium	43-1	462083	468826	476088	468999	1.49	cps
Calcium	44-1	6948272	7025619	7081177	7018356	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237891	235880	236283	236685	0.45	cps
Cobalt	59-2	304572	305613	305457	305214	0.18	cps
Copper	63-2	599702	592783	589215	593900	0.90	cps
Dysprosium	156-1	92918	94153	96042	94371	1.67	cps
Dysprosium	156-2	75951	76876	75481	76103	0.93	cps
Erbium	164-1	79062	80581	81465	80369	1.51	cps
Erbium	164-2	54268	54740	53990	54333	0.70	cps
Gadolinium	160-1	88356	91811	91681	90616	2.16	cps
Gadolinium	160-2	65636	65506	66142	65761	0.51	cps
Holmium	165-1	11494360	11492320	11683789	11556823	0.95	cps
Holmium	165-2	7934440	8018984	7967152	7973525	0.53	cps
Indium	115-1	9253111	9234351	9395181	9294214	0.95	cps
Indium	115-2	3175268	3171441	3197835	3181514	0.45	cps
Iron	56-2	413013141	412685661	414758074	413485625	0.27	cps
Iron	57-2	10157195	10171471	10171778	10166815	0.08	cps
Iron	54-2	22744895	22689916	22556361	22663724	0.43	cps
Krypton	83-1	383	437	420	413	6.60	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	672950	687776	695936	685554	1.70	cps
Lead	207-1	625333	633423	634245	631000	0.78	cps
Lead	208-1	2749899	2800413	2821730	2790681	1.32	cps
Lithium	6-1	1556723	1555919	1595484	1569375	1.44	cps
Magnesium	24-2	6735659	6691935	6796312	6741302	0.78	cps
Manganese	55-2	7136259	7183170	7221491	7180306	0.59	cps
Molybdenum	94-1	67987	69537	69926	69150	1.48	cps
Molybdenum	95-1	7332	7599	7852	7594	3.43	cps
Molybdenum	96-1	22154	22651	23312	22706	2.56	cps
Molybdenum	97-1	4671	4447	4671	4596	2.81	cps
Molybdenum	98-1	11355	11798	11858	11670	2.36	cps
Neodymium	150-1	162633	165091	166039	164588	1.07	cps
Neodymium	150-2	93890	92917	94581	93796	0.89	cps
Nickel	60-2	83303	82364	83072	82913	0.59	cps
Phosphorus	31-2	39548	39925	39163	39545	0.96	cps
Potassium	39-2	5607950	5617208	5607963	5611040	0.10	cps
Rhodium	103-1	8800361	8865524	8770886	8812257	0.55	cps
Rhodium	103-2	5529149	5627840	5542536	5566508	0.96	cps
Scandium	45-1	6104835	6263823	6287899	6218853	1.60	cps
Scandium	45-2	573602	568771	566704	569692	0.62	cps
Selenium	82-1	722	763	786	757	4.33	cps
Selenium	77-2	417	307	393	372	15.57	cps
Selenium	78-2	640	703	653	666	5.02	cps
Silicon	28-1	32704155	33267822	33628479	33200152	1.40	cps
Silver	107-1	5888	6175	6265	6109	3.22	cps
Silver	109-1	5594	5715	5711	5673	1.21	cps
Sodium	23-2	229552	231214	229685	230150	0.40	cps
Strontium	86-1	311314	319160	321374	317283	1.67	cps
Strontium	88-1	2734023	2760393	2768932	2754449	0.66	cps
Sulfur	34-1	233554	235638	232753	233982	0.64	cps
Terbium	159-1	11711008	11977454	11802359	11830274	1.14	cps
Terbium	159-2	7809148	7883504	7845782	7846145	0.47	cps
Thallium	203-1	3337	2970	3074	3127	6.05	cps
Thallium	205-1	7212	7085	7255	7184	1.23	cps
Tin	118-1	20368	20635	20388	20464	0.73	cps
Titanium	47-1	2461945	2548823	2562070	2524279	2.15	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33819	34705	36400	34975	3.75	cps
Vanadium	51-2	778901	776396	774438	776578	0.29	cps
Yttrium	89-1	17033764	17347708	17380296	17253923	1.11	cps
Yttrium	89-2	4303206	4347482	4325214	4325301	0.51	cps
Zinc	66-2	365413	366296	366219	365976	0.13	cps
Zirconium	90-1	174685	179832	181089	178536	1.90	cps
Zirconium	91-1	38577	39998	39814	39463	1.96	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11526629	11493483	11493551	11504554	0.17	cps
Antimony	121-1	16373	16523	16703	16533	1.00	cps
Arsenic	75-2	77504	76576	76961	77014	0.61	cps
Barium	135-1	1053161	1079826	1090642	1074543	1.80	cps
Barium	137-1	1889617	1905612	1905669	1900299	0.49	cps
Beryllium	9-1	3040	3054	3170	3088	2.32	cps
Bismuth	209-1	6788396	6942842	6235816	6655684	5.59	cps
Bismuth	209-2	5397030	5398258	5335864	5377051	0.66	cps
Bromine	81-1	12098	11651	12162	11970	2.32	cps
Bromine	81-2	810	760	710	760	6.58	cps
Cadmium	108-1	317	337	357	337	5.94	cps
Cadmium	106-1	4007	3630	3714	3784	5.23	cps
Cadmium	111-1	5394	5219	5197	5270	2.04	cps
Calcium	43-1	477346	479521	482567	479811	0.55	cps
Calcium	44-1	7108625	7289147	7220107	7205960	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281242	277645	280076	279655	0.66	cps
Cobalt	59-2	335489	331219	334447	333718	0.67	cps
Copper	63-2	589435	585389	584818	586547	0.43	cps
Dysprosium	156-1	95562	96968	97885	96805	1.21	cps
Dysprosium	156-2	78923	79429	77911	78755	0.98	cps
Erbium	164-1	80547	83454	82424	82142	1.79	cps
Erbium	164-2	56249	56695	55208	56051	1.36	cps
Gadolinium	160-1	91734	93858	93227	92940	1.17	cps
Gadolinium	160-2	67726	67746	67445	67639	0.25	cps
Holmium	165-1	11333792	11269245	10106211	10903083	6.34	cps
Holmium	165-2	7838629	7733916	7750139	7774228	0.72	cps
Indium	115-1	9086271	9160271	8251171	8832571	5.72	cps
Indium	115-2	3186263	3154225	3134406	3158298	0.83	cps
Iron	56-2	444254860	446706087	444714980	445225309	0.29	cps
Iron	57-2	10991119	10782500	10793219	10855613	1.08	cps
Iron	54-2	24501937	24317645	24368471	24396018	0.39	cps
Krypton	83-1	457	513	470	480	6.17	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	611625	619920	621872	617806	0.88	cps
Lead	207-1	553487	561669	577237	564131	2.14	cps
Lead	208-1	2461173	2513545	2520305	2498341	1.30	cps
Lithium	6-1	1514456	1542870	1392591	1483305	5.38	cps
Magnesium	24-2	6999797	7057913	6935786	6997832	0.87	cps
Manganese	55-2	6897928	6873661	6882003	6884531	0.18	cps
Molybdenum	94-1	68452	70820	71068	70113	2.06	cps
Molybdenum	95-1	7892	8176	8449	8172	3.41	cps
Molybdenum	96-1	24050	24133	24110	24098	0.18	cps
Molybdenum	97-1	5184	4951	5178	5104	2.60	cps
Molybdenum	98-1	12355	13043	12649	12682	2.72	cps
Neodymium	150-1	166289	170369	170138	168932	1.36	cps
Neodymium	150-2	96148	95396	97336	96294	1.02	cps
Nickel	60-2	89468	87047	88308	88274	1.37	cps
Phosphorus	31-2	39210	39708	38786	39235	1.18	cps
Potassium	39-2	5126727	5018751	5051819	5065766	1.09	cps
Rhodium	103-1	8738726	8602278	7795998	8379001	6.08	cps
Rhodium	103-2	5375893	5353137	5407071	5378700	0.50	cps
Scandium	45-1	6012328	6112486	5431462	5852092	6.28	cps
Scandium	45-2	569764	568222	567511	568499	0.20	cps
Selenium	82-1	675	615	731	674	8.62	cps
Selenium	77-2	347	393	360	367	6.56	cps
Selenium	78-2	767	683	663	704	7.78	cps
Silicon	28-1	33601548	34415490	34071634	34029558	1.20	cps
Silver	107-1	5785	5845	5861	5830	0.69	cps
Silver	109-1	5311	5458	5661	5477	3.21	cps
Sodium	23-2	231200	228368	230405	229991	0.64	cps
Strontium	86-1	305971	315024	314363	311786	1.62	cps
Strontium	88-1	2652882	2707300	2712517	2690900	1.23	cps
Sulfur	34-1	232285	230006	229836	230709	0.59	cps
Terbium	159-1	11709356	11553563	10368378	11210432	6.54	cps
Terbium	159-2	7897700	7740161	7686327	7774729	1.41	cps
Thallium	203-1	3257	3317	3090	3222	3.65	cps
Thallium	205-1	7465	7809	7485	7587	2.54	cps
Tin	118-1	27844	27834	29086	28254	2.55	cps
Titanium	47-1	2435252	2509054	2536426	2493577	2.10	cps

1200

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37483	37924	38519	37975	1.37	cps
Vanadium	51-2	882459	883991	874103	880184	0.60	cps
Yttrium	89-1	16829598	16908255	15499240	16412364	4.82	cps
Yttrium	89-2	4277906	4275884	4309108	4287632	0.43	cps
Zinc	66-2	307289	307268	307028	307195	0.05	cps
Zirconium	90-1	178538	185240	184857	182878	2.06	cps
Zirconium	91-1	40071	41248	41224	40848	1.65	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11343045	11401766	11329727	11358179	0.34	cps
Antimony	121-1	17761	18158	18535	18152	2.13	cps
Arsenic	75-2	77146	75702	76590	76479	0.95	cps
Barium	135-1	1020846	1049575	1045244	1038555	1.49	cps
Barium	137-1	1809474	1872291	1885761	1855842	2.19	cps
Beryllium	9-1	2980	3210	2927	3039	4.96	cps
Bismuth	209-1	6870332	6887815	6787126	6848424	0.79	cps
Bismuth	209-2	5345645	5361150	5369288	5358694	0.22	cps
Bromine	81-1	11131	11548	11945	11541	3.53	cps
Bromine	81-2	693	737	670	700	4.83	cps
Cadmium	108-1	303	330	357	330	8.08	cps
Cadmium	106-1	3804	3711	3687	3734	1.65	cps
Cadmium	111-1	5214	5123	5135	5157	0.96	cps
Calcium	43-1	468533	476386	475384	473434	0.90	cps
Calcium	44-1	7053148	7098886	7168979	7107004	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	277922	276312	276072	276769	0.36	cps
Cobalt	59-2	326451	328087	331324	328621	0.75	cps
Copper	63-2	577947	576832	581312	578697	0.40	cps
Dysprosium	156-1	92284	94667	94213	93721	1.35	cps
Dysprosium	156-2	77304	77714	76943	77320	0.50	cps
Erbium	164-1	78687	81720	82964	81124	2.71	cps
Erbium	164-2	54787	55797	55108	55231	0.93	cps
Gadolinium	160-1	89758	92577	92379	91571	1.72	cps
Gadolinium	160-2	67355	66712	66915	66994	0.49	cps
Holmium	165-1	11162816	11388027	11231957	11260933	1.02	cps
Holmium	165-2	7760452	7894751	7909258	7854820	1.04	cps
Indium	115-1	9052983	9110732	9195564	9119760	0.79	cps
Indium	115-2	3155715	3116581	3163599	3145298	0.80	cps
Iron	56-2	439229033	432838100	435384807	435817314	0.74	cps
Iron	57-2	10815254	10769513	10736805	10773857	0.37	cps
Iron	54-2	24135910	23935953	24152035	24074633	0.50	cps
Krypton	83-1	373	413	493	427	14.32	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	590787	608742	607942	602491	1.68	cps
Lead	207-1	545941	559246	556005	553731	1.25	cps
Lead	208-1	2427569	2473980	2477361	2459637	1.13	cps
Lithium	6-1	1525395	1519234	1576769	1540466	2.05	cps
Magnesium	24-2	7019537	6929305	6865724	6938189	1.11	cps
Manganese	55-2	6735729	6632065	6660604	6676133	0.80	cps
Molybdenum	94-1	69510	71138	70904	70517	1.25	cps
Molybdenum	95-1	8199	7852	8229	8093	2.59	cps
Molybdenum	96-1	23382	23833	23405	23540	1.08	cps
Molybdenum	97-1	4978	4918	4998	4964	0.84	cps
Molybdenum	98-1	12952	12062	12352	12455	3.65	cps
Neodymium	150-1	163089	166311	166902	165434	1.24	cps
Neodymium	150-2	94098	94474	94823	94465	0.38	cps
Nickel	60-2	87208	87466	85871	86848	0.99	cps
Phosphorus	31-2	38612	38134	37997	38248	0.84	cps
Potassium	39-2	5039010	5001745	5032653	5024470	0.40	cps
Rhodium	103-1	8684915	8678266	8762657	8708613	0.54	cps
Rhodium	103-2	5390034	5358243	5498497	5415592	1.36	cps
Scandium	45-1	6082440	6081698	6100434	6088191	0.17	cps
Scandium	45-2	568892	568582	571814	569763	0.31	cps
Selenium	82-1	806	700	668	725	9.91	cps
Selenium	77-2	417	370	360	382	7.91	cps
Selenium	78-2	697	617	617	643	7.18	cps
Silicon	28-1	34001160	34134014	34330539	34155238	0.49	cps
Silver	107-1	5755	5721	5731	5736	0.30	cps
Silver	109-1	5218	5218	5351	5262	1.46	cps
Sodium	23-2	230286	230451	231480	230739	0.28	cps
Strontium	86-1	300985	306521	312410	306638	1.86	cps
Strontium	88-1	2600477	2672576	2678615	2650556	1.64	cps
Sulfur	34-1	227732	224410	224898	225680	0.79	cps
Terbium	159-1	11581822	11774024	11640632	11665493	0.84	cps
Terbium	159-2	7686158	7699471	7805036	7730222	0.84	cps
Thallium	203-1	3110	3137	3080	3109	0.91	cps
Thallium	205-1	7502	7525	7612	7547	0.77	cps
Tin	118-1	25706	26197	26267	26057	1.17	cps
Titanium	47-1	2497492	2531807	2531751	2520350	0.79	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37242	38315	37747	37768	1.42	cps
Vanadium	51-2	866624	867532	865664	866607	0.11	cps
Yttrium	89-1	16869864	16976300	17260182	17035448	1.18	cps
Yttrium	89-2	4255507	4290915	4326600	4291007	0.83	cps
Zinc	66-2	301047	302009	301802	301619	0.17	cps
Zirconium	90-1	176149	183466	183076	180897	2.28	cps
Zirconium	91-1	39583	40800	40415	40266	1.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2113418	2128902	2112765	2118362	0.43	cps
Antimony	121-1	3094	3297	3070	3154	3.95	cps
Arsenic	75-2	14647	14260	14631	14513	1.51	cps
Barium	135-1	196804	201321	201104	199743	1.28	cps
Barium	137-1	339323	342073	345154	342184	0.85	cps
Beryllium	9-1	563	580	507	550	6.99	cps
Bismuth	209-1	6990418	7008337	7145779	7048178	1.21	cps
Bismuth	209-2	5485793	5461215	5585483	5510830	1.19	cps
Bromine	81-1	9580	9670	9713	9654	0.70	cps
Bromine	81-2	180	160	240	193	21.53	cps
Cadmium	108-1	43	67	57	56	21.08	cps
Cadmium	106-1	3124	3094	2950	3056	3.03	cps
Cadmium	111-1	2683	2639	2589	2637	1.78	cps
Calcium	43-1	87812	89710	89669	89064	1.22	cps
Calcium	44-1	1348389	1387685	1376028	1370700	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51949	53096	53180	52742	1.30	cps
Cobalt	59-2	61920	61104	60628	61217	1.07	cps
Copper	63-2	111119	111528	109164	110604	1.14	cps
Dysprosium	156-1	17745	17995	17728	17822	0.84	cps
Dysprosium	156-2	14588	14544	14815	14649	0.99	cps
Erbium	164-1	14945	15455	15732	15377	2.60	cps
Erbium	164-2	10751	10531	10631	10637	1.04	cps
Gadolinium	160-1	17271	17384	17274	17310	0.37	cps
Gadolinium	160-2	12409	12656	12949	12671	2.14	cps
Holmium	165-1	11311164	11225572	11428287	11321674	0.90	cps
Holmium	165-2	7918160	7769945	7818270	7835458	0.96	cps
Indium	115-1	9310786	9150485	9063930	9175067	1.37	cps
Indium	115-2	3263624	3115661	3131351	3170212	2.56	cps
Iron	56-2	81638632	82721574	81417114	81925773	0.85	cps
Iron	57-2	2058574	2015271	2013906	2029250	1.25	cps
Iron	54-2	4502728	4536075	4521319	4520041	0.37	cps
Krypton	83-1	327	363	373	354	6.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115776	118319	118070	117389	1.19	cps
Lead	207-1	105862	108046	108637	107515	1.36	cps
Lead	208-1	471075	479675	480946	477232	1.13	cps
Lithium	6-1	1531288	1540480	1552716	1541495	0.70	cps
Magnesium	24-2	1276226	1295019	1288706	1286650	0.74	cps
Manganese	55-2	1306537	1311630	1317461	1311876	0.42	cps
Molybdenum	94-1	13196	13196	13059	13150	0.60	cps
Molybdenum	95-1	1513	1643	1643	1600	4.69	cps
Molybdenum	96-1	4811	4934	4537	4761	4.27	cps
Molybdenum	97-1	980	930	1053	988	6.28	cps
Molybdenum	98-1	2444	2450	2427	2440	0.49	cps
Neodymium	150-1	30630	31331	31442	31134	1.41	cps
Neodymium	150-2	17785	17571	18172	17842	1.71	cps
Nickel	60-2	16419	16749	16439	16536	1.12	cps
Phosphorus	31-2	7335	7539	7465	7446	1.38	cps
Potassium	39-2	1070438	1074777	1066709	1070641	0.38	cps
Rhodium	103-1	8740849	8813924	8890279	8815017	0.85	cps
Rhodium	103-2	5472303	5407913	5476970	5452395	0.71	cps
Scandium	45-1	5769340	5816356	5836691	5807462	0.59	cps
Scandium	45-2	535459	535724	533252	534812	0.25	cps
Selenium	82-1	480	489	514	494	3.66	cps
Selenium	77-2	60	57	80	66	19.25	cps
Selenium	78-2	337	400	380	372	8.70	cps
Silicon	28-1	6436356	6546252	6575756	6519454	1.13	cps
Silver	107-1	1213	1083	1213	1170	6.42	cps
Silver	109-1	1137	1033	1023	1064	5.89	cps
Sodium	23-2	89951	88472	88110	88844	1.10	cps
Strontium	86-1	57920	58723	58291	58311	0.69	cps
Strontium	88-1	492397	505642	504701	500914	1.48	cps
Sulfur	34-1	203985	206029	203168	204394	0.72	cps
Terbium	159-1	11566387	11639392	11577448	11594409	0.34	cps
Terbium	159-2	7775274	7657204	7717366	7716615	0.77	cps
Thallium	203-1	647	737	643	676	7.84	cps
Thallium	205-1	1620	1527	1660	1602	4.27	cps
Tin	118-1	6398	7182	6855	6812	5.78	cps
Titanium	47-1	468889	478190	482260	476446	1.44	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6942	7195	7369	7169	3.00	cps
Vanadium	51-2	161635	161945	159315	160965	0.89	cps
Yttrium	89-1	15738472	16018639	15997935	15918348	0.98	cps
Yttrium	89-2	4097345	4011400	4013210	4040652	1.22	cps
Zinc	66-2	58203	57437	57115	57585	0.97	cps
Zirconium	90-1	33067	34197	34220	33828	1.95	cps
Zirconium	91-1	7335	7959	7515	7603	4.22	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11973640	11801222	11997526	11924129	0.90	cps
Antimony	121-1	710029	721398	729191	720206	1.34	cps
Arsenic	75-2	95266	94330	94196	94598	0.62	cps
Barium	135-1	4358821	4384634	4400590	4381348	0.48	cps
Barium	137-1	7552813	7555927	7604053	7570931	0.38	cps
Beryllium	9-1	55964	57904	58961	57610	2.64	cps
Bismuth	209-1	7120951	6955266	7088734	7054984	1.25	cps
Bismuth	209-2	5505315	5324729	5471246	5433763	1.77	cps
Bromine	81-1	11758	12155	11908	11940	1.68	cps
Bromine	81-2	820	907	770	832	8.31	cps
Cadmium	108-1	6225	6275	6618	6373	3.36	cps
Cadmium	106-1	11765	12415	11985	12055	2.74	cps
Cadmium	111-1	95338	96406	97437	96393	1.09	cps
Calcium	43-1	485980	495713	500050	493914	1.46	cps
Calcium	44-1	7272383	7527225	7370870	7390159	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	913961	907487	907180	909543	0.42	cps
Cobalt	59-2	2681801	2646569	2655521	2661297	0.69	cps
Copper	63-2	1401997	1399288	1390562	1397282	0.43	cps
Dysprosium	156-1	97545	99187	101198	99310	1.84	cps
Dysprosium	156-2	81076	81069	80764	80969	0.22	cps
Erbium	164-1	84796	86183	86828	85936	1.21	cps
Erbium	164-2	58883	57986	58820	58563	0.85	cps
Gadolinium	160-1	95406	96254	98204	96621	1.49	cps
Gadolinium	160-2	70218	69572	70382	70057	0.61	cps
Holmium	165-1	11545563	11599911	11696561	11614012	0.66	cps
Holmium	165-2	7857597	7773205	7818766	7816523	0.54	cps
Indium	115-1	9213063	9287337	9305480	9268627	0.53	cps
Indium	115-2	3201222	3166886	3165855	3177988	0.63	cps
Iron	56-2	455755793	454615087	459206500	456525793	0.52	cps
Iron	57-2	11294595	11250279	11269570	11271481	0.20	cps
Iron	54-2	25291230	24916233	25386647	25198037	0.99	cps
Krypton	83-1	413	403	447	421	5.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	736046	735752	751314	741038	1.20	cps
Lead	207-1	660859	672725	686040	673208	1.87	cps
Lead	208-1	2979458	2983713	3055655	3006275	1.42	cps
Lithium	6-1	1582436	1577411	1586776	1582208	0.30	cps
Magnesium	24-2	7204726	7161054	7172999	7179593	0.31	cps
Manganese	55-2	8081749	8000680	8068748	8050392	0.54	cps
Molybdenum	94-1	70529	73038	73081	72216	2.02	cps
Molybdenum	95-1	8453	8379	8943	8591	3.57	cps
Molybdenum	96-1	24043	25302	25095	24813	2.72	cps
Molybdenum	97-1	4951	5351	5454	5252	5.06	cps
Molybdenum	98-1	12792	13393	13720	13302	3.54	cps
Neodymium	150-1	171490	175323	177847	174886	1.83	cps
Neodymium	150-2	100085	98128	99545	99253	1.02	cps
Nickel	60-2	686607	681046	685946	684533	0.44	cps
Phosphorus	31-2	39193	38966	39036	39065	0.30	cps
Potassium	39-2	5191149	5138591	5115471	5148404	0.75	cps
Rhodium	103-1	8678599	8699004	8902649	8760084	1.41	cps
Rhodium	103-2	5508007	5478760	5476286	5487684	0.32	cps
Scandium	45-1	6103812	6189956	6192562	6162110	0.82	cps
Scandium	45-2	572038	567611	571182	570277	0.41	cps
Selenium	82-1	12270	12630	12683	12527	1.79	cps
Selenium	77-2	1467	1440	1550	1486	3.86	cps
Selenium	78-2	4377	4381	4394	4384	0.20	cps
Silicon	28-1	34973342	35189482	35865304	35342709	1.32	cps
Silver	107-1	356563	366330	373132	365342	2.28	cps
Silver	109-1	336830	344402	351236	344156	2.09	cps
Sodium	23-2	219248	218241	221193	219560	0.68	cps
Strontium	86-1	314538	321742	321520	319267	1.28	cps
Strontium	88-1	2702687	2782989	2767607	2751094	1.55	cps
Sulfur	34-1	228844	228134	229987	228989	0.41	cps
Terbium	159-1	11807297	11859778	11774982	11814019	0.36	cps
Terbium	159-2	8034246	7898733	7880951	7937977	1.06	cps
Thallium	203-1	299499	305387	313991	306292	2.38	cps
Thallium	205-1	725093	738917	743446	735818	1.30	cps
Tin	118-1	26588	27613	27793	27331	2.38	cps
Titanium	47-1	2565400	2599615	2582685	2582567	0.66	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39726	40050	40194	39990	0.60	cps
Vanadium	51-2	2170723	2168320	2190137	2176393	0.55	cps
Yttrium	89-1	16942359	17198039	17433489	17191295	1.43	cps
Yttrium	89-2	4369572	4306450	4329078	4335033	0.74	cps
Zinc	66-2	569156	569602	569997	569585	0.07	cps
Zirconium	90-1	183508	187849	189144	186834	1.58	cps
Zirconium	91-1	40439	42725	42481	41882	3.00	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12724291	12839132	12819767	12794397	0.48	cps
Antimony	121-1	3158618	3214778	3229260	3200885	1.17	cps
Arsenic	75-2	147787	147329	148083	147733	0.26	cps
Barium	135-1	17179286	17623199	17532069	17444851	1.34	cps
Barium	137-1	29513330	30013108	29811374	29779271	0.84	cps
Beryllium	9-1	270833	271936	273062	271943	0.41	cps
Bismuth	209-1	7170920	7163823	7141471	7158738	0.21	cps
Bismuth	209-2	5487833	5520175	5460756	5489588	0.54	cps
Bromine	81-1	11658	11942	11925	11842	1.34	cps
Bromine	81-2	763	747	767	759	1.41	cps
Cadmium	108-1	26768	27299	27827	27298	1.94	cps
Cadmium	106-1	40396	41349	41469	41071	1.43	cps
Cadmium	111-1	405789	418861	416517	413722	1.68	cps
Calcium	43-1	475529	486940	489270	483913	1.52	cps
Calcium	44-1	7160172	7262252	7348203	7256876	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3154025	3254709	3206410	3205048	1.57	cps
Cobalt	59-2	11497231	11664029	11663141	11608134	0.83	cps
Copper	63-2	4415311	4476539	4413708	4435186	0.81	cps
Dysprosium	156-1	96542	98304	100037	98294	1.78	cps
Dysprosium	156-2	80291	80013	80831	80378	0.52	cps
Erbium	164-1	83535	85067	85147	84583	1.07	cps
Erbium	164-2	56601	57461	57484	57182	0.88	cps
Gadolinium	160-1	93234	97224	95899	95452	2.13	cps
Gadolinium	160-2	68768	69079	68449	68765	0.46	cps
Holmium	165-1	11448914	11526404	11548384	11507901	0.45	cps
Holmium	165-2	7857082	8089613	8058788	8001828	1.58	cps
Indium	115-1	9219512	9308541	9311473	9279842	0.56	cps
Indium	115-2	3150559	3136983	3178914	3155485	0.68	cps
Iron	56-2	452826727	459082966	455527180	455812291	0.69	cps
Iron	57-2	11160484	11297079	11224197	11227253	0.61	cps
Iron	54-2	24786190	25416297	25173512	25125333	1.26	cps
Krypton	83-1	433	440	500	458	8.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1064870	1094599	1096844	1085438	1.64	cps
Lead	207-1	960109	984389	975542	973346	1.26	cps
Lead	208-1	4583584	4667093	4657567	4636081	0.99	cps
Lithium	6-1	1592047	1602568	1573983	1589533	0.91	cps
Magnesium	24-2	6903592	7074049	6905622	6961087	1.41	cps
Manganese	55-2	11871989	11975777	11901596	11916454	0.45	cps
Molybdenum	94-1	71112	72387	72264	71921	0.98	cps
Molybdenum	95-1	8549	8596	8849	8665	1.86	cps
Molybdenum	96-1	23963	24938	25108	24670	2.50	cps
Molybdenum	97-1	5318	5298	5411	5342	1.13	cps
Molybdenum	98-1	13309	13163	13783	13418	2.42	cps
Neodymium	150-1	169229	173446	174159	172278	1.55	cps
Neodymium	150-2	98370	99495	97773	98546	0.89	cps
Nickel	60-2	3006288	3029405	3034190	3023294	0.49	cps
Phosphorus	31-2	37994	39427	37964	38462	2.17	cps
Potassium	39-2	4939942	5029711	5000207	4989953	0.92	cps
Rhodium	103-1	8592611	8728023	8698513	8673049	0.82	cps
Rhodium	103-2	5435300	5374209	5452056	5420522	0.76	cps
Scandium	45-1	6120362	6079119	6178170	6125884	0.81	cps
Scandium	45-2	556017	559943	553492	556484	0.58	cps
Selenium	82-1	59142	60041	60128	59770	0.91	cps
Selenium	77-2	5871	6161	6158	6064	2.75	cps
Selenium	78-2	19236	19316	19313	19288	0.23	cps
Silicon	28-1	33715443	34400824	34155078	34090448	1.02	cps
Silver	107-1	1552446	1541794	1559378	1551206	0.57	cps
Silver	109-1	1471534	1436828	1551327	1486563	3.95	cps
Sodium	23-2	216446	218260	220409	218372	0.91	cps
Strontium	86-1	308450	314375	315383	312736	1.20	cps
Strontium	88-1	2674036	2711175	2708928	2698046	0.77	cps
Sulfur	34-1	228213	227863	228053	228043	0.08	cps
Terbium	159-1	11875607	11779469	12050083	11901720	1.15	cps
Terbium	159-2	7829765	7831568	7984544	7881959	1.13	cps
Thallium	203-1	1355667	1383554	1402117	1380446	1.69	cps
Thallium	205-1	3579722	3702832	3729487	3670680	2.18	cps
Tin	118-1	27363	27894	28017	27758	1.25	cps
Titanium	47-1	2471693	2501049	2530915	2501219	1.18	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38753	40836	40682	40090	2.90	cps
Vanadium	51-2	7103392	7226952	7227275	7185873	0.99	cps
Yttrium	89-1	17200403	17012229	17192122	17134918	0.62	cps
Yttrium	89-2	4323861	4258832	4270537	4284410	0.81	cps
Zinc	66-2	1511906	1544691	1539652	1532083	1.15	cps
Zirconium	90-1	179955	183197	182775	181976	0.97	cps
Zirconium	91-1	39951	41679	41428	41019	2.28	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10462777	10376153	10401796	10413575	0.43	cps
Antimony	121-1	15141	15569	15569	15426	1.60	cps
Arsenic	75-2	48713	48683	48810	48735	0.14	cps
Barium	135-1	866277	897719	892721	885573	1.91	cps
Barium	137-1	1500446	1573105	1588952	1554168	3.04	cps
Beryllium	9-1	2887	2884	2954	2908	1.36	cps
Bismuth	209-1	7182825	7176623	7105321	7154923	0.60	cps
Bismuth	209-2	5508832	5516512	5497927	5507757	0.17	cps
Bromine	81-1	11201	11448	11398	11349	1.15	cps
Bromine	81-2	630	663	610	634	4.25	cps
Cadmium	108-1	307	297	293	299	2.32	cps
Cadmium	106-1	3757	3824	3727	3769	1.31	cps
Cadmium	111-1	4606	4719	4647	4657	1.24	cps
Calcium	43-1	447657	460357	459669	455894	1.57	cps
Calcium	44-1	6735804	6931752	6907910	6858489	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241215	240207	240343	240588	0.23	cps
Cobalt	59-2	252792	254105	254540	253812	0.36	cps
Copper	63-2	483986	485793	479491	483090	0.67	cps
Dysprosium	156-1	81629	84050	83782	83154	1.60	cps
Dysprosium	156-2	66875	67039	68061	67325	0.95	cps
Erbium	164-1	70554	73274	73850	72559	2.43	cps
Erbium	164-2	49364	48761	48962	49029	0.63	cps
Gadolinium	160-1	80235	81948	81938	81373	1.21	cps
Gadolinium	160-2	59258	59325	59164	59249	0.14	cps
Holmium	165-1	11598768	11617069	11711392	11642410	0.52	cps
Holmium	165-2	7821778	7917874	7913471	7884374	0.69	cps
Indium	115-1	9090134	9318424	9250728	9219762	1.27	cps
Indium	115-2	3159840	3146751	3133914	3146835	0.41	cps
Iron	56-2	372185221	374977354	371905701	373022759	0.46	cps
Iron	57-2	9221653	9215243	9074584	9170493	0.91	cps
Iron	54-2	20596348	20589563	20303391	20496434	0.82	cps
Krypton	83-1	343	423	380	382	10.48	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410143	415343	417966	414484	0.96	cps
Lead	207-1	370844	379099	375206	375050	1.10	cps
Lead	208-1	1664954	1680021	1675166	1673380	0.46	cps
Lithium	6-1	1545012	1608557	1614964	1589511	2.43	cps
Magnesium	24-2	6430361	6366597	6335028	6377329	0.76	cps
Manganese	55-2	5392202	5469711	5360567	5407494	1.04	cps
Molybdenum	94-1	66982	69896	69132	68670	2.20	cps
Molybdenum	95-1	5948	6428	6448	6275	4.51	cps
Molybdenum	96-1	20661	21232	21556	21150	2.14	cps
Molybdenum	97-1	3871	3901	3931	3901	0.77	cps
Molybdenum	98-1	9987	9537	9560	9694	2.62	cps
Neodymium	150-1	143799	146749	147109	145885	1.24	cps
Neodymium	150-2	83073	82744	82906	82907	0.20	cps
Nickel	60-2	76604	76608	76138	76450	0.35	cps
Phosphorus	31-2	34539	34619	33824	34327	1.27	cps
Potassium	39-2	4407891	4403842	4368898	4393543	0.49	cps
Rhodium	103-1	8627683	8769272	8863839	8753598	1.36	cps
Rhodium	103-2	5441564	5368682	5446951	5419066	0.81	cps
Scandium	45-1	5960869	6104484	6120026	6061793	1.45	cps
Scandium	45-2	559852	556463	555241	557185	0.43	cps
Selenium	82-1	696	657	689	681	3.07	cps
Selenium	77-2	307	260	287	284	8.23	cps
Selenium	78-2	580	497	570	549	8.29	cps
Silicon	28-1	32763388	33483600	33337504	33194830	1.15	cps
Silver	107-1	4644	3967	3494	4035	14.33	cps
Silver	109-1	4301	3640	3347	3763	12.98	cps
Sodium	23-2	208410	211215	208637	209421	0.74	cps
Strontium	86-1	272601	282631	281378	278870	1.96	cps
Strontium	88-1	2332866	2457974	2405149	2398663	2.62	cps
Sulfur	34-1	227654	229000	223558	226737	1.25	cps
Terbium	159-1	11726161	11831519	11832045	11796575	0.52	cps
Terbium	159-2	7741269	7863751	7888912	7831311	1.01	cps
Thallium	203-1	2940	3094	3374	3136	7.01	cps
Thallium	205-1	7405	7465	7045	7305	3.11	cps
Tin	118-1	17250	18335	18035	17873	3.13	cps
Titanium	47-1	2058639	2147330	2118711	2108227	2.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30134	29426	30498	30019	1.82	cps
Vanadium	51-2	700230	705549	699592	701790	0.47	cps
Yttrium	89-1	16660856	17183922	16994769	16946516	1.56	cps
Yttrium	89-2	4220816	4253012	4213170	4229000	0.50	cps
Zinc	66-2	228241	229937	229236	229138	0.37	cps
Zirconium	90-1	174854	178757	179925	177846	1.49	cps
Zirconium	91-1	38754	40105	40335	39731	2.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9961049	9930423	10094656	9995376	0.87	cps
Antimony	121-1	10547	10774	10657	10660	1.06	cps
Arsenic	75-2	31036	30538	30926	30833	0.85	cps
Barium	135-1	809903	829216	825127	821415	1.24	cps
Barium	137-1	1400334	1433998	1439816	1424716	1.50	cps
Beryllium	9-1	2410	2657	2734	2600	6.50	cps
Bismuth	209-1	7071813	7007005	7071668	7050162	0.53	cps
Bismuth	209-2	5365479	5439466	5349558	5384834	0.89	cps
Bromine	81-1	11188	11384	11711	11428	2.31	cps
Bromine	81-2	723	750	730	734	1.89	cps
Cadmium	108-1	183	230	323	246	29.03	cps
Cadmium	106-1	3717	3717	3951	3795	3.55	cps
Cadmium	111-1	3634	3704	3702	3680	1.09	cps
Calcium	43-1	1194799	1217234	1236082	1216038	1.70	cps
Calcium	44-1	19219007	19724557	20171807	19705123	2.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	276393	275952	276272	276206	0.08	cps
Cobalt	59-2	297990	295891	296487	296789	0.36	cps
Copper	63-2	453046	451172	452326	452181	0.21	cps
Dysprosium	156-1	90724	92670	93254	92216	1.44	cps
Dysprosium	156-2	74784	75223	75384	75131	0.41	cps
Erbium	164-1	76867	78422	80594	78628	2.38	cps
Erbium	164-2	52880	53084	53054	53006	0.21	cps
Gadolinium	160-1	86525	88367	88611	87834	1.30	cps
Gadolinium	160-2	62713	63490	63088	63097	0.62	cps
Holmium	165-1	11227172	11469101	11518131	11404801	1.37	cps
Holmium	165-2	7866823	7911622	7813886	7864110	0.62	cps
Indium	115-1	9067249	9199677	9297090	9188005	1.26	cps
Indium	115-2	3146479	3145153	3160894	3150842	0.28	cps
Iron	56-2	348604621	347426048	348328715	348119795	0.18	cps
Iron	57-2	8670840	8523772	8485483	8560032	1.14	cps
Iron	54-2	19110783	19144815	19257483	19171027	0.40	cps
Krypton	83-1	413	477	447	446	7.11	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	282932	293346	291841	289373	1.95	cps
Lead	207-1	242018	245445	248604	245355	1.34	cps
Lead	208-1	1110210	1134752	1136387	1127116	1.30	cps
Lithium	6-1	1545173	1594275	1572869	1570772	1.57	cps
Magnesium	24-2	7281554	7429785	7334009	7348450	1.02	cps
Manganese	55-2	6132096	6136909	6127127	6132044	0.08	cps
Molybdenum	94-1	79169	81569	82494	81077	2.12	cps
Molybdenum	95-1	7305	7382	7435	7374	0.89	cps
Molybdenum	96-1	23572	24180	24254	24002	1.56	cps
Molybdenum	97-1	4501	4594	4411	4502	2.04	cps
Molybdenum	98-1	11655	11438	11525	11539	0.95	cps
Neodymium	150-1	160897	165253	163416	163189	1.34	cps
Neodymium	150-2	93263	92605	92034	92634	0.66	cps
Nickel	60-2	94791	95042	95713	95182	0.50	cps
Phosphorus	31-2	36477	36380	36958	36605	0.85	cps
Potassium	39-2	3878754	3900768	3911147	3896890	0.42	cps
Rhodium	103-1	8485113	8773868	8763938	8674306	1.89	cps
Rhodium	103-2	5450863	5440020	5490392	5460425	0.49	cps
Scandium	45-1	6044995	6148180	6219301	6137492	1.43	cps
Scandium	45-2	562633	559952	560842	561142	0.24	cps
Selenium	82-1	641	564	609	605	6.39	cps
Selenium	77-2	320	370	343	344	7.26	cps
Selenium	78-2	560	577	613	583	4.68	cps
Silicon	28-1	35191306	36578009	36830408	36199908	2.44	cps
Silver	107-1	2117	2274	2160	2184	3.71	cps
Silver	109-1	1793	1827	2007	1876	6.12	cps
Sodium	23-2	256590	256888	259383	257620	0.60	cps
Strontium	86-1	275419	281124	284796	280447	1.68	cps
Strontium	88-1	2364822	2415717	2457655	2412731	1.93	cps
Sulfur	34-1	237379	242125	244114	241206	1.43	cps
Terbium	159-1	11570931	11864341	11948950	11794741	1.68	cps
Terbium	159-2	7834516	7707902	7829295	7790571	0.92	cps
Thallium	203-1	2560	2540	2887	2663	7.31	cps
Thallium	205-1	6181	6382	6365	6309	1.76	cps
Tin	118-1	17067	18495	18145	17902	4.16	cps
Titanium	47-1	2072651	2128572	2138518	2113247	1.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30184	30632	30241	30352	0.80	cps
Vanadium	51-2	642341	641425	640338	641368	0.16	cps
Yttrium	89-1	16682749	17116448	17248901	17016033	1.74	cps
Yttrium	89-2	4339576	4288062	4310656	4312765	0.60	cps
Zinc	66-2	158194	159933	160313	159480	0.71	cps
Zirconium	90-1	206870	213099	215605	211858	2.12	cps
Zirconium	91-1	45580	47921	48396	47299	3.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12099675	12113674	12044059	12085802	0.30	cps
Antimony	121-1	9720	9870	9997	9862	1.41	cps
Arsenic	75-2	47823	48131	48957	48304	1.21	cps
Barium	135-1	916431	930465	941268	929388	1.34	cps
Barium	137-1	1640016	1655860	1689397	1661758	1.52	cps
Beryllium	9-1	3024	3064	3127	3071	1.70	cps
Bismuth	209-1	6988045	6893288	7150670	7010668	1.86	cps
Bismuth	209-2	5357009	5355177	5321878	5344688	0.37	cps
Bromine	81-1	11044	10757	10894	10899	1.32	cps
Bromine	81-2	573	493	587	551	9.16	cps
Cadmium	108-1	270	307	307	294	7.19	cps
Cadmium	106-1	3797	3897	3767	3821	1.78	cps
Cadmium	111-1	4239	4620	4379	4413	4.37	cps
Calcium	43-1	485153	496603	495360	492372	1.28	cps
Calcium	44-1	7298372	7444434	7497642	7413483	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260907	260220	261185	260771	0.19	cps
Cobalt	59-2	284843	280890	281417	282383	0.76	cps
Copper	63-2	488108	485854	482374	485445	0.60	cps
Dysprosium	156-1	87021	88724	89000	88248	1.21	cps
Dysprosium	156-2	72151	70318	70670	71046	1.37	cps
Erbium	164-1	76049	78475	77701	77408	1.60	cps
Erbium	164-2	52555	50996	51869	51807	1.51	cps
Gadolinium	160-1	85093	86730	87913	86579	1.64	cps
Gadolinium	160-2	61936	62586	62030	62184	0.56	cps
Holmium	165-1	11371442	11545811	11697152	11538135	1.41	cps
Holmium	165-2	7878662	7798864	7837600	7838375	0.51	cps
Indium	115-1	9062410	9166849	9114865	9114708	0.57	cps
Indium	115-2	3127635	3086415	3066869	3093640	1.00	cps
Iron	56-2	386012808	384945514	384517954	385158759	0.20	cps
Iron	57-2	9505822	9467227	9448857	9473969	0.31	cps
Iron	54-2	21235035	21056268	21380974	21224092	0.77	cps
Krypton	83-1	473	450	423	449	5.57	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357511	361313	368810	362545	1.59	cps
Lead	207-1	319320	328269	324970	324186	1.40	cps
Lead	208-1	1439503	1467884	1471696	1459694	1.21	cps
Lithium	6-1	1535605	1590043	1582854	1569501	1.88	cps
Magnesium	24-2	7357680	7419986	7519367	7432344	1.10	cps
Manganese	55-2	5251052	5291354	5306011	5282806	0.54	cps
Molybdenum	94-1	88287	88690	90048	89008	1.04	cps
Molybdenum	95-1	5911	5781	6168	5953	3.31	cps
Molybdenum	96-1	23946	24197	24374	24172	0.89	cps
Molybdenum	97-1	3470	3634	3647	3584	2.75	cps
Molybdenum	98-1	9186	9140	9456	9261	1.85	cps
Neodymium	150-1	152225	156465	155623	154771	1.45	cps
Neodymium	150-2	87643	86523	86775	86980	0.68	cps
Nickel	60-2	83443	84855	82261	83520	1.55	cps
Phosphorus	31-2	35104	34155	33814	34357	1.94	cps
Potassium	39-2	4255199	4218123	4225195	4232839	0.47	cps
Rhodium	103-1	8656685	8587611	8694688	8646328	0.63	cps
Rhodium	103-2	5373068	5369051	5424230	5388783	0.57	cps
Scandium	45-1	6106376	6167785	6230400	6168187	1.01	cps
Scandium	45-2	560924	560472	555929	559108	0.49	cps
Selenium	82-1	486	683	653	608	17.51	cps
Selenium	77-2	313	357	330	333	6.56	cps
Selenium	78-2	523	603	583	570	7.30	cps
Silicon	28-1	40952464	41263926	41842588	41352992	1.09	cps
Silver	107-1	2917	3007	3004	2976	1.72	cps
Silver	109-1	2617	2667	2724	2669	2.00	cps
Sodium	23-2	227536	226382	226762	226893	0.26	cps
Strontium	86-1	301346	308348	310946	306880	1.62	cps
Strontium	88-1	2623006	2648638	2683983	2651876	1.15	cps
Sulfur	34-1	236373	227830	225701	229968	2.46	cps
Terbium	159-1	11578724	11878799	11722030	11726518	1.28	cps
Terbium	159-2	7768308	7710249	7874586	7784381	1.07	cps
Thallium	203-1	2634	2824	2917	2791	5.17	cps
Thallium	205-1	6382	6665	6778	6608	3.09	cps
Tin	118-1	19376	19433	19436	19415	0.17	cps
Titanium	47-1	2247952	2314910	2375237	2312699	2.75	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32176	32389	33058	32541	1.41	cps
Vanadium	51-2	730167	732445	732419	731677	0.18	cps
Yttrium	89-1	16741241	17027390	17087398	16952010	1.09	cps
Yttrium	89-2	4277384	4229228	4249622	4252078	0.57	cps
Zinc	66-2	228577	226370	226016	226988	0.61	cps
Zirconium	90-1	231270	235499	237162	234644	1.29	cps
Zirconium	91-1	51721	52443	52858	52341	1.10	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7483050	7503041	7444171	7476754	0.40	cps
Antimony	121-1	34107	34846	35520	34824	2.03	cps
Arsenic	75-2	159304	159557	158112	158991	0.49	cps
Barium	135-1	454210	470589	465744	463514	1.82	cps
Barium	137-1	786991	802367	810588	799982	1.50	cps
Beryllium	9-1	2294	2140	2194	2209	3.52	cps
Bismuth	209-1	6853183	7108901	7025861	6995981	1.86	cps
Bismuth	209-2	5414866	5362295	5381047	5386069	0.49	cps
Bromine	81-1	10190	10547	10130	10289	2.19	cps
Bromine	81-2	437	437	520	464	10.36	cps
Cadmium	108-1	483	497	563	514	8.33	cps
Cadmium	106-1	3981	3981	3887	3949	1.36	cps
Cadmium	111-1	7172	7416	7328	7305	1.69	cps
Calcium	43-1	261523	266621	268604	265583	1.38	cps
Calcium	44-1	3960546	3994072	3972352	3975657	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	224121	223099	220367	222529	0.87	cps
Cobalt	59-2	240196	237846	236485	238175	0.79	cps
Copper	63-2	593606	593086	588475	591722	0.48	cps
Dysprosium	156-1	65813	65904	67391	66369	1.33	cps
Dysprosium	156-2	54234	53578	54000	53938	0.62	cps
Erbium	164-1	57206	58823	58344	58125	1.43	cps
Erbium	164-2	38159	38977	38048	38395	1.32	cps
Gadolinium	160-1	62354	64233	64996	63861	2.13	cps
Gadolinium	160-2	47012	45922	46407	46447	1.18	cps
Holmium	165-1	11092378	11412008	11471503	11325296	1.80	cps
Holmium	165-2	7733344	7786949	7774959	7765084	0.36	cps
Indium	115-1	8892518	9127636	9126888	9049014	1.50	cps
Indium	115-2	3104885	3083125	3087035	3091681	0.38	cps
Iron	56-2	379901234	374548888	375524008	376658043	0.76	cps
Iron	57-2	9202669	9237876	9180680	9207075	0.31	cps
Iron	54-2	20725643	20835725	20485308	20682225	0.87	cps
Krypton	83-1	390	420	443	418	6.40	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1179090	1220276	1207808	1202391	1.76	cps
Lead	207-1	1117333	1138305	1144160	1133266	1.24	cps
Lead	208-1	5174538	5286243	5269617	5243466	1.15	cps
Lithium	6-1	1540887	1594982	1538777	1558216	2.04	cps
Magnesium	24-2	4361281	4341241	4266845	4323122	1.15	cps
Manganese	55-2	3753683	3677567	3701588	3710946	1.05	cps
Molybdenum	94-1	70468	73101	73540	72370	2.30	cps
Molybdenum	95-1	8229	8553	8269	8350	2.11	cps
Molybdenum	96-1	23482	23446	23576	23501	0.29	cps
Molybdenum	97-1	5014	5054	5108	5059	0.93	cps
Molybdenum	98-1	12846	13269	13383	13166	2.15	cps
Neodymium	150-1	116621	119976	118016	118204	1.43	cps
Neodymium	150-2	67209	68298	68579	68029	1.06	cps
Nickel	60-2	59962	59494	59584	59680	0.42	cps
Phosphorus	31-2	33436	32388	32939	32921	1.59	cps
Potassium	39-2	3736428	3686881	3726819	3716709	0.71	cps
Rhodium	103-1	8525168	8686091	8650931	8620730	0.98	cps
Rhodium	103-2	5413790	5361068	5418545	5397801	0.59	cps
Scandium	45-1	5828437	5898997	5927446	5884960	0.87	cps
Scandium	45-2	542203	541996	537268	540489	0.52	cps
Selenium	82-1	761	723	752	745	2.62	cps
Selenium	77-2	280	263	260	268	4.00	cps
Selenium	78-2	500	603	527	543	9.87	cps
Silicon	28-1	33833680	34853233	35061440	34582784	1.90	cps
Silver	107-1	10604	11361	11228	11064	3.65	cps
Silver	109-1	10060	10347	10571	10326	2.48	cps
Sodium	23-2	205002	204648	204806	204819	0.09	cps
Strontium	86-1	191308	198019	198499	195942	2.05	cps
Strontium	88-1	1668816	1702758	1700994	1690856	1.13	cps
Sulfur	34-1	219250	218182	217387	218273	0.43	cps
Terbium	159-1	11433709	11706934	11827294	11655979	1.73	cps
Terbium	159-2	7671231	7810049	7640436	7707239	1.17	cps
Thallium	203-1	2914	3124	3147	3061	4.20	cps
Thallium	205-1	7065	7309	7335	7236	2.06	cps
Tin	118-1	23816	24184	24214	24071	0.92	cps
Titanium	47-1	2809925	2886107	2896138	2864056	1.65	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32008	33285	33789	33028	2.78	cps
Vanadium	51-2	797499	789700	785108	790769	0.79	cps
Yttrium	89-1	16199558	16557811	16423841	16393737	1.10	cps
Yttrium	89-2	4062002	4142713	4091753	4098823	1.00	cps
Zinc	66-2	431340	433588	429909	431612	0.43	cps
Zirconium	90-1	182027	188594	187615	186078	1.90	cps
Zirconium	91-1	39440	41141	41522	40701	2.72	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7692222	7683207	7720929	7698786	0.26	cps
Antimony	121-1	13937	14134	14801	14291	3.17	cps
Arsenic	75-2	58036	56698	56768	57167	1.32	cps
Barium	135-1	834696	855739	865543	851993	1.85	cps
Barium	137-1	1437052	1492899	1494835	1474928	2.22	cps
Beryllium	9-1	2350	2427	2424	2400	1.81	cps
Bismuth	209-1	6836950	7062115	7077412	6992159	1.93	cps
Bismuth	209-2	5445626	5415511	5398591	5419910	0.44	cps
Bromine	81-1	11078	11394	11388	11287	1.60	cps
Bromine	81-2	600	640	743	661	11.19	cps
Cadmium	108-1	297	310	323	310	4.30	cps
Cadmium	106-1	3414	3500	3344	3419	2.30	cps
Cadmium	111-1	5139	5254	5118	5170	1.41	cps
Calcium	43-1	383567	397198	403405	394723	2.57	cps
Calcium	44-1	5809750	6023068	5984017	5938945	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187898	187240	186173	187104	0.47	cps
Cobalt	59-2	247113	248277	248399	247930	0.29	cps
Copper	63-2	473734	476291	475218	475081	0.27	cps
Dysprosium	156-1	74553	77033	77703	76430	2.17	cps
Dysprosium	156-2	61939	62810	62930	62560	0.86	cps
Erbium	164-1	64022	65539	65707	65090	1.43	cps
Erbium	164-2	43273	44136	43802	43737	0.99	cps
Gadolinium	160-1	72292	73217	74095	73201	1.23	cps
Gadolinium	160-2	52036	52598	52819	52484	0.77	cps
Holmium	165-1	11202867	11612016	11406364	11407083	1.79	cps
Holmium	165-2	7863583	7758012	7780487	7800694	0.71	cps
Indium	115-1	8842345	9163475	9249265	9085028	2.36	cps
Indium	115-2	3084974	3088730	3132290	3101998	0.85	cps
Iron	56-2	315414289	315485929	313200575	314700264	0.41	cps
Iron	57-2	7736739	7790209	7717449	7748132	0.49	cps
Iron	54-2	17311557	17345071	17255786	17304138	0.26	cps
Krypton	83-1	400	430	363	398	8.39	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	495792	510794	511932	506173	1.78	cps
Lead	207-1	455393	471856	473540	466930	2.15	cps
Lead	208-1	2031274	2080659	2092650	2068194	1.57	cps
Lithium	6-1	1521517	1567030	1583454	1557333	2.06	cps
Magnesium	24-2	5337646	5344114	5347614	5343125	0.09	cps
Manganese	55-2	5418560	5416548	5444236	5426448	0.28	cps
Molybdenum	94-1	51112	51915	52457	51828	1.31	cps
Molybdenum	95-1	6692	7005	6905	6867	2.33	cps
Molybdenum	96-1	17891	18395	18819	18368	2.53	cps
Molybdenum	97-1	4397	4284	4217	4300	2.12	cps
Molybdenum	98-1	10174	11081	10761	10672	4.31	cps
Neodymium	150-1	133663	136345	138619	136209	1.82	cps
Neodymium	150-2	77937	78406	78775	78373	0.54	cps
Nickel	60-2	67936	67528	68288	67917	0.56	cps
Phosphorus	31-2	30871	31937	31502	31437	1.70	cps
Potassium	39-2	4709427	4796834	4766938	4757733	0.93	cps
Rhodium	103-1	8487481	8785939	8749568	8674330	1.88	cps
Rhodium	103-2	5350716	5279817	5442915	5357816	1.53	cps
Scandium	45-1	5796316	5951872	6016462	5921550	1.91	cps
Scandium	45-2	538360	542419	539161	539980	0.40	cps
Selenium	82-1	583	671	735	663	11.56	cps
Selenium	77-2	330	297	300	309	5.94	cps
Selenium	78-2	603	600	590	598	1.16	cps
Silicon	28-1	34863127	36041104	36287248	35730493	2.13	cps
Silver	107-1	4981	5248	4968	5065	3.12	cps
Silver	109-1	4227	4918	4481	4542	7.69	cps
Sodium	23-2	214983	217203	217478	216555	0.63	cps
Strontium	86-1	230289	237622	240730	236214	2.27	cps
Strontium	88-1	2010803	2072488	2072786	2052026	1.74	cps
Sulfur	34-1	227529	226247	228882	227552	0.58	cps
Terbium	159-1	11275757	11712341	11805813	11597971	2.44	cps
Terbium	159-2	7747597	7731918	7827981	7769165	0.66	cps
Thallium	203-1	2654	3040	2977	2890	7.18	cps
Thallium	205-1	6488	6715	7042	6748	4.12	cps
Tin	118-1	17794	18358	18138	18097	1.57	cps
Titanium	47-1	2020003	2068344	2055947	2048098	1.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29777	30903	30886	30522	2.11	cps
Vanadium	51-2	565582	568130	566543	566752	0.23	cps
Yttrium	89-1	16072516	16641652	16536993	16417054	1.85	cps
Yttrium	89-2	4199754	4151272	4145175	4165400	0.72	cps
Zinc	66-2	276060	275276	273657	274997	0.45	cps
Zirconium	90-1	129444	134724	134839	133002	2.32	cps
Zirconium	91-1	28828	29800	30896	29841	3.47	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12619460	12733551	12584871	12645961	0.62	cps
Antimony	121-1	10074	9934	10140	10049	1.05	cps
Arsenic	75-2	46733	46931	47024	46896	0.32	cps
Barium	135-1	1046936	1066891	1075042	1062956	1.36	cps
Barium	137-1	1887879	1921425	1925223	1911509	1.08	cps
Beryllium	9-1	3107	3270	3260	3213	2.85	cps
Bismuth	209-1	7029961	6914183	7127631	7023925	1.52	cps
Bismuth	209-2	5429102	5461298	5485648	5458682	0.52	cps
Bromine	81-1	13129	13183	13733	13348	2.50	cps
Bromine	81-2	1103	1147	1037	1096	5.06	cps
Cadmium	108-1	373	283	340	332	13.70	cps
Cadmium	106-1	3897	3874	3757	3843	1.95	cps
Cadmium	111-1	4530	4530	4582	4548	0.66	cps
Calcium	43-1	1259582	1314714	1301258	1291851	2.23	cps
Calcium	44-1	20863565	21240087	21307086	21136913	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	394078	392434	395311	393941	0.37	cps
Cobalt	59-2	310884	310454	308030	309789	0.50	cps
Copper	63-2	545608	542792	545963	544788	0.32	cps
Dysprosium	156-1	108384	109977	111680	110014	1.50	cps
Dysprosium	156-2	91277	90882	91207	91122	0.23	cps
Erbium	164-1	91769	94702	95044	93838	1.92	cps
Erbium	164-2	63440	63661	64418	63839	0.80	cps
Gadolinium	160-1	105769	107368	109511	107549	1.75	cps
Gadolinium	160-2	76862	77851	77691	77468	0.69	cps
Holmium	165-1	11334212	11335222	11777445	11482293	2.23	cps
Holmium	165-2	7795452	7868596	7993802	7885950	1.27	cps
Indium	115-1	8996726	9045557	9431867	9158050	2.60	cps
Indium	115-2	3147088	3173632	3170785	3163835	0.46	cps
Iron	56-2	361618088	359577061	362696101	361297084	0.44	cps
Iron	57-2	8911722	8920232	8920846	8917600	0.06	cps
Iron	54-2	19948153	19956900	19890769	19931941	0.18	cps
Krypton	83-1	433	500	400	444	11.46	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	404219	408569	410119	407636	0.75	cps
Lead	207-1	358267	361897	367208	362457	1.24	cps
Lead	208-1	1619987	1625131	1650859	1631992	1.01	cps
Lithium	6-1	1526670	1548226	1597757	1557551	2.34	cps
Magnesium	24-2	8474469	8455314	8407374	8445719	0.41	cps
Manganese	55-2	6483609	6445335	6518881	6482608	0.57	cps
Molybdenum	94-1	88016	89116	90692	89274	1.51	cps
Molybdenum	95-1	6431	6918	6755	6702	3.70	cps
Molybdenum	96-1	24400	25289	24838	24842	1.79	cps
Molybdenum	97-1	3927	4231	4087	4082	3.72	cps
Molybdenum	98-1	10170	10374	10360	10302	1.10	cps
Neodymium	150-1	195832	198477	201168	198493	1.34	cps
Neodymium	150-2	114547	113875	115035	114486	0.51	cps
Nickel	60-2	121571	121635	121554	121587	0.03	cps
Phosphorus	31-2	37319	37763	37556	37546	0.59	cps
Potassium	39-2	4536800	4585025	4553861	4558562	0.54	cps
Rhodium	103-1	8531730	8570750	8750744	8617741	1.36	cps
Rhodium	103-2	5403965	5432476	5490287	5442243	0.81	cps
Scandium	45-1	5996128	6048134	6243993	6096085	2.14	cps
Scandium	45-2	552267	560444	556038	556250	0.74	cps
Selenium	82-1	693	628	791	704	11.66	cps
Selenium	77-2	427	477	410	438	7.93	cps
Selenium	78-2	573	687	630	630	8.99	cps
Silicon	28-1	41303681	42133344	42538623	41991882	1.50	cps
Silver	107-1	3797	3961	4137	3965	4.29	cps
Silver	109-1	3457	3600	3671	3576	3.04	cps
Sodium	23-2	230959	233125	233336	232473	0.57	cps
Strontium	86-1	325353	336072	337301	332909	1.97	cps
Strontium	88-1	2833465	2892530	2881827	2869274	1.10	cps
Sulfur	34-1	239560	248658	248590	245602	2.13	cps
Terbium	159-1	11688889	11714820	12055829	11819846	1.73	cps
Terbium	159-2	7750394	7931405	7815062	7832287	1.17	cps
Thallium	203-1	2997	3180	3124	3100	3.03	cps
Thallium	205-1	7269	7219	7746	7411	3.93	cps
Tin	118-1	19971	19880	20191	20014	0.80	cps
Titanium	47-1	1770745	1825533	1849080	1815119	2.21	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36734	37897	38098	37576	1.96	cps
Vanadium	51-2	648528	648142	651212	649294	0.26	cps
Yttrium	89-1	16605723	16848524	17547945	17000731	2.88	cps
Yttrium	89-2	4316672	4281427	4312042	4303380	0.45	cps
Zinc	66-2	226231	225697	225325	225751	0.20	cps
Zirconium	90-1	231412	236064	238651	235376	1.56	cps
Zirconium	91-1	51289	52651	53079	52340	1.79	cps

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Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7256896	7240527	7147598	7215007	0.82	cps
Antimony	121-1	15008	15515	15332	15285	1.68	cps
Arsenic	75-2	36010	36615	35786	36137	1.19	cps
Barium	135-1	628865	635728	639488	634694	0.85	cps
Barium	137-1	1082441	1111878	1111075	1101798	1.52	cps
Beryllium	9-1	2304	2434	2354	2364	2.78	cps
Bismuth	209-1	7008420	7033561	7152356	7064779	1.09	cps
Bismuth	209-2	5392264	5488332	5523255	5467951	1.24	cps
Bromine	81-1	9747	9807	9817	9790	0.39	cps
Bromine	81-2	380	473	357	403	15.31	cps
Cadmium	108-1	200	223	287	237	18.95	cps
Cadmium	106-1	3931	3671	3577	3726	4.92	cps
Cadmium	111-1	3475	3263	3157	3298	4.91	cps
Calcium	43-1	1109206	1140756	1145537	1131833	1.74	cps
Calcium	44-1	16674599	17067749	17186188	16976179	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238835	239014	236844	238231	0.51	cps
Cobalt	59-2	337512	336204	336940	336885	0.19	cps
Copper	63-2	419471	419590	417159	418740	0.33	cps
Dysprosium	156-1	77587	79698	79219	78834	1.40	cps
Dysprosium	156-2	65525	65863	66222	65870	0.53	cps
Erbium	164-1	66387	69505	68142	68011	2.30	cps
Erbium	164-2	45724	45751	45531	45669	0.26	cps
Gadolinium	160-1	73210	74276	75049	74178	1.25	cps
Gadolinium	160-2	54854	54278	54683	54605	0.54	cps
Holmium	165-1	11338825	11761890	11641316	11580677	1.88	cps
Holmium	165-2	7873934	8184013	7894770	7984239	2.17	cps
Indium	115-1	9196348	9187044	9211532	9198308	0.13	cps
Indium	115-2	3137584	3167313	3197852	3167583	0.95	cps
Iron	56-2	406473167	405241607	405694581	405803118	0.15	cps
Iron	57-2	10026596	10005573	9982418	10004862	0.22	cps
Iron	54-2	22274874	22295624	22148241	22239580	0.36	cps
Krypton	83-1	353	417	413	394	9.04	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	218555	226661	227850	224355	2.25	cps
Lead	207-1	186788	190341	191858	189662	1.37	cps
Lead	208-1	852564	878884	877912	869787	1.72	cps
Lithium	6-1	1551141	1595304	1592615	1579686	1.57	cps
Magnesium	24-2	5524305	5585401	5520856	5543521	0.66	cps
Manganese	55-2	4529839	4510818	4482712	4507790	0.53	cps
Molybdenum	94-1	87328	89960	88881	88723	1.49	cps
Molybdenum	95-1	8166	8476	8706	8449	3.21	cps
Molybdenum	96-1	26006	26845	26938	26596	1.93	cps
Molybdenum	97-1	5151	5438	5241	5277	2.78	cps
Molybdenum	98-1	13530	13643	13737	13636	0.76	cps
Neodymium	150-1	134650	139192	138055	137299	1.72	cps
Neodymium	150-2	78896	78822	78393	78703	0.35	cps
Nickel	60-2	78926	78849	78329	78702	0.41	cps
Phosphorus	31-2	33440	33807	33533	33593	0.57	cps
Potassium	39-2	2634925	2684607	2660879	2660137	0.93	cps
Rhodium	103-1	8577066	8796238	8754042	8709116	1.34	cps
Rhodium	103-2	5481672	5584731	5551045	5539149	0.95	cps
Scandium	45-1	5980418	6007830	6011235	5999828	0.28	cps
Scandium	45-2	550553	551162	549501	550405	0.15	cps
Selenium	82-1	720	686	609	671	8.44	cps
Selenium	77-2	277	293	267	279	4.83	cps
Selenium	78-2	560	623	553	579	6.67	cps
Silicon	28-1	33044264	34113548	34135571	33764461	1.85	cps
Silver	107-1	903	870	933	902	3.51	cps
Silver	109-1	660	653	647	653	1.02	cps
Sodium	23-2	217586	216138	216368	216697	0.36	cps
Strontium	86-1	266038	273422	276107	271856	1.92	cps
Strontium	88-1	2300708	2340230	2355445	2332128	1.21	cps
Sulfur	34-1	237747	241083	240449	239760	0.74	cps
Terbium	159-1	11842109	11726386	11699197	11755898	0.65	cps
Terbium	159-2	8003283	7910130	7862418	7925277	0.90	cps
Thallium	203-1	2044	2007	2070	2040	1.56	cps
Thallium	205-1	4738	4584	4634	4652	1.68	cps
Tin	118-1	21987	22564	22821	22458	1.90	cps
Titanium	47-1	2780654	2868297	2845416	2831456	1.61	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29326	29850	30365	29847	1.74	cps
Vanadium	51-2	886827	890592	890280	889233	0.23	cps
Yttrium	89-1	16598664	16963665	16999481	16853937	1.32	cps
Yttrium	89-2	4239775	4228608	4237835	4235406	0.14	cps
Zinc	66-2	129775	129804	129859	129813	0.03	cps
Zirconium	90-1	226368	232048	234365	230927	1.78	cps
Zirconium	91-1	50302	51413	51661	51125	1.41	cps

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Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9498650	9467343	9512690	9492894	0.24	cps
Antimony	121-1	14734	14921	15602	15086	3.03	cps
Arsenic	75-2	42822	44152	42715	43229	1.85	cps
Barium	135-1	777235	805000	800022	794086	1.86	cps
Barium	137-1	1339708	1378168	1388021	1368632	1.87	cps
Beryllium	9-1	2777	2840	2757	2791	1.56	cps
Bismuth	209-1	7008004	7044279	7180639	7077641	1.29	cps
Bismuth	209-2	5370870	5383794	5510747	5421803	1.43	cps
Bromine	81-1	10684	11331	11071	11029	2.95	cps
Bromine	81-2	673	560	717	650	12.45	cps
Cadmium	108-1	310	280	290	293	5.21	cps
Cadmium	106-1	3981	3721	3734	3812	3.84	cps
Cadmium	111-1	4326	4118	4041	4162	3.55	cps
Calcium	43-1	1112235	1143551	1156244	1137344	1.99	cps
Calcium	44-1	16762374	17307152	17175395	17081640	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303922	301056	302238	302405	0.48	cps
Cobalt	59-2	317618	316813	318937	317789	0.34	cps
Copper	63-2	455752	455899	456532	456061	0.09	cps
Dysprosium	156-1	97636	100352	101376	99788	1.94	cps
Dysprosium	156-2	81780	82350	83603	82578	1.13	cps
Erbium	164-1	79595	80296	81827	80573	1.42	cps
Erbium	164-2	54158	53930	54037	54042	0.21	cps
Gadolinium	160-1	90822	91966	92154	91647	0.79	cps
Gadolinium	160-2	66279	65797	65991	66022	0.37	cps
Holmium	165-1	11382022	11432309	11650543	11488291	1.24	cps
Holmium	165-2	8001809	7856358	7931104	7929757	0.92	cps
Indium	115-1	9111139	9161062	9399236	9223813	1.67	cps
Indium	115-2	3189363	3098577	3167759	3151900	1.50	cps
Iron	56-2	399851034	399147821	397890287	398963047	0.25	cps
Iron	57-2	9841254	9815171	9828220	9828215	0.13	cps
Iron	54-2	21892967	21734113	21650152	21759077	0.57	cps
Krypton	83-1	417	487	413	439	9.44	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	370398	379454	385164	378339	1.97	cps
Lead	207-1	329864	334328	337368	333853	1.13	cps
Lead	208-1	1475592	1512113	1519529	1502411	1.57	cps
Lithium	6-1	1567972	1617707	1591897	1592525	1.56	cps
Magnesium	24-2	6529650	6614117	6591254	6578340	0.66	cps
Manganese	55-2	5341871	5355057	5364746	5353892	0.21	cps
Molybdenum	94-1	80235	81971	82735	81647	1.57	cps
Molybdenum	95-1	7739	7549	7839	7709	1.91	cps
Molybdenum	96-1	24634	24935	24991	24853	0.77	cps
Molybdenum	97-1	4564	4584	4587	4579	0.28	cps
Molybdenum	98-1	11685	11922	12205	11937	2.18	cps
Neodymium	150-1	174186	179808	181807	178600	2.21	cps
Neodymium	150-2	101102	102315	101545	101654	0.60	cps
Nickel	60-2	96541	95491	94877	95637	0.88	cps
Phosphorus	31-2	36387	36413	36203	36334	0.32	cps
Potassium	39-2	3834079	3814239	3825185	3824501	0.26	cps
Rhodium	103-1	8688073	8725532	8766885	8726830	0.45	cps
Rhodium	103-2	5453846	5314907	5449898	5406217	1.46	cps
Scandium	45-1	5925484	6072224	6080408	6026039	1.45	cps
Scandium	45-2	551285	552133	550324	551247	0.16	cps
Selenium	82-1	704	623	677	668	6.17	cps
Selenium	77-2	390	367	333	363	7.84	cps
Selenium	78-2	583	573	617	591	3.84	cps
Silicon	28-1	39681445	40506257	40903589	40363764	1.54	cps
Silver	107-1	2540	2584	2624	2582	1.61	cps
Silver	109-1	2367	2540	2447	2451	3.54	cps
Sodium	23-2	212043	211732	213722	212499	0.50	cps
Strontium	86-1	256537	264062	267135	262578	2.08	cps
Strontium	88-1	2263736	2302654	2321576	2295989	1.28	cps
Sulfur	34-1	263316	263957	261461	262911	0.49	cps
Terbium	159-1	11928070	11892581	11909274	11909975	0.15	cps
Terbium	159-2	7795027	7797318	7793450	7795265	0.02	cps
Thallium	203-1	2604	2754	2760	2706	3.27	cps
Thallium	205-1	6125	6448	6191	6255	2.73	cps
Tin	118-1	16913	17437	17494	17282	1.85	cps
Titanium	47-1	2214855	2267036	2277903	2253265	1.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30883	31491	32326	31566	2.30	cps
Vanadium	51-2	855504	855376	857035	855972	0.11	cps
Yttrium	89-1	16914091	17032949	17150616	17032552	0.69	cps
Yttrium	89-2	4189973	4256762	4287132	4244622	1.17	cps
Zinc	66-2	195576	196951	195745	196091	0.38	cps
Zirconium	90-1	208826	215416	217261	213834	2.07	cps
Zirconium	91-1	46263	48476	48483	47741	2.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10350647	10552071	10546950	10483223	1.10	cps
Antimony	121-1	8066	8493	8923	8494	5.05	cps
Arsenic	75-2	40415	39579	40174	40056	1.07	cps
Barium	135-1	897038	929660	930632	919110	2.08	cps
Barium	137-1	1605801	1656227	1654479	1638836	1.75	cps
Beryllium	9-1	2807	2820	2774	2800	0.86	cps
Bismuth	209-1	7095497	7104238	7068463	7089400	0.26	cps
Bismuth	209-2	5488936	5616139	5515867	5540314	1.21	cps
Bromine	81-1	13133	13636	13496	13422	1.94	cps
Bromine	81-2	1037	980	1073	1030	4.57	cps
Cadmium	108-1	320	303	330	318	4.24	cps
Cadmium	106-1	3941	3614	3764	3773	4.34	cps
Cadmium	111-1	4695	4247	4434	4459	5.04	cps
Calcium	43-1	476992	486478	493682	485717	1.72	cps
Calcium	44-1	7204235	7374652	7305086	7294658	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	246685	247753	248197	247545	0.31	cps
Cobalt	59-2	273283	272038	269473	271598	0.72	cps
Copper	63-2	479598	483110	481517	481408	0.37	cps
Dysprosium	156-1	91241	91264	93566	92024	1.45	cps
Dysprosium	156-2	74670	75434	75783	75296	0.76	cps
Erbium	164-1	77959	78764	80309	79011	1.51	cps
Erbium	164-2	52766	54164	54124	53685	1.48	cps
Gadolinium	160-1	88031	88980	90027	89013	1.12	cps
Gadolinium	160-2	63942	65338	64685	64655	1.08	cps
Holmium	165-1	11548061	11402133	11734344	11561512	1.44	cps
Holmium	165-2	7876908	7957601	7935317	7923275	0.53	cps
Indium	115-1	9224160	9126923	9366042	9239042	1.30	cps
Indium	115-2	3132296	3181326	3219902	3177841	1.38	cps
Iron	56-2	314938829	314884022	319911382	316578078	0.91	cps
Iron	57-2	7756796	7884528	7916223	7852516	1.07	cps
Iron	54-2	17424955	17273494	17503819	17400756	0.67	cps
Krypton	83-1	437	417	477	443	6.89	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	364325	371571	374767	370221	1.45	cps
Lead	207-1	323902	336528	336780	332403	2.22	cps
Lead	208-1	1461285	1496748	1507365	1488466	1.62	cps
Lithium	6-1	1568476	1619357	1595036	1594290	1.60	cps
Magnesium	24-2	6530223	6678805	6629694	6612907	1.14	cps
Manganese	55-2	5836036	5858632	5929440	5874703	0.83	cps
Molybdenum	94-1	73501	74716	75734	74650	1.50	cps
Molybdenum	95-1	5875	5745	5808	5809	1.12	cps
Molybdenum	96-1	20852	21312	21509	21224	1.59	cps
Molybdenum	97-1	3530	3671	3610	3604	1.95	cps
Molybdenum	98-1	8933	9366	9753	9351	4.39	cps
Neodymium	150-1	159329	164205	163958	162497	1.69	cps
Neodymium	150-2	92357	92672	93041	92690	0.37	cps
Nickel	60-2	86856	86766	87919	87180	0.74	cps
Phosphorus	31-2	27021	27198	27224	27147	0.41	cps
Potassium	39-2	5040279	5115012	5095171	5083488	0.76	cps
Rhodium	103-1	8570241	8738182	8656966	8655130	0.97	cps
Rhodium	103-2	5368121	5386087	5455600	5403269	0.86	cps
Scandium	45-1	5975639	6030140	6100042	6035274	1.03	cps
Scandium	45-2	549256	550796	554958	551670	0.53	cps
Selenium	82-1	603	660	543	602	9.70	cps
Selenium	77-2	367	313	320	333	8.72	cps
Selenium	78-2	617	570	653	613	6.81	cps
Silicon	28-1	41236609	42089198	41347503	41557770	1.12	cps
Silver	107-1	3434	3747	3534	3572	4.48	cps
Silver	109-1	3330	3140	3364	3278	3.68	cps
Sodium	23-2	211174	213736	215949	213620	1.12	cps
Strontium	86-1	257492	266844	264095	262810	1.83	cps
Strontium	88-1	2225188	2305338	2304902	2278476	2.03	cps
Sulfur	34-1	228900	219983	215277	221387	3.13	cps
Terbium	159-1	11548944	11695986	11871345	11705425	1.38	cps
Terbium	159-2	7747747	7780381	7910919	7813016	1.11	cps
Thallium	203-1	3010	3037	3087	3045	1.28	cps
Thallium	205-1	7189	7399	7872	7487	4.68	cps
Tin	118-1	24220	24761	24948	24643	1.53	cps
Titanium	47-1	2154698	2223753	2223512	2200654	1.81	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35140	35738	35955	35611	1.19	cps
Vanadium	51-2	546618	552863	552962	550814	0.66	cps
Yttrium	89-1	16500868	16943581	16965035	16803161	1.56	cps
Yttrium	89-2	4200243	4279568	4282715	4254175	1.10	cps
Zinc	66-2	214924	214210	213804	214313	0.26	cps
Zirconium	90-1	191943	198671	201665	197427	2.52	cps
Zirconium	91-1	42261	44474	44006	43580	2.68	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12802717	12690396	12561243	12684785	0.95	cps
Antimony	121-1	4982586	5112320	5108094	5067667	1.45	cps
Arsenic	75-2	280283	281160	283392	281612	0.57	cps
Barium	135-1	6678841	6695295	6812736	6728957	1.09	cps
Barium	137-1	11468715	11693352	11654384	11605484	1.03	cps
Beryllium	9-1	872869	882222	886841	880644	0.81	cps
Bismuth	209-1	6325266	6390283	6449327	6388292	0.97	cps
Bismuth	209-2	4911070	5055360	5109388	5025272	2.04	cps
Bromine	81-1	8686	8446	8623	8585	1.45	cps
Bromine	81-2	107	103	110	107	3.13	cps
Cadmium	108-1	97807	98814	98293	98305	0.51	cps
Cadmium	106-1	139748	142588	144089	142142	1.55	cps
Cadmium	111-1	1327491	1350203	1359997	1345897	1.24	cps
Calcium	43-1	7495967	7559684	7567479	7541044	0.52	cps
Calcium	44-1	120671172	120933315	122042188	121215558	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2356615	2324466	2357417	2346166	0.80	cps
Cobalt	59-2	3849141	3872409	3899150	3873567	0.65	cps
Copper	63-2	26664608	26658962	26702558	26675376	0.09	cps
Dysprosium	156-1	480	503	523	502	4.32	cps
Dysprosium	156-2	473	453	453	460	2.51	cps
Erbium	164-1	247	283	323	284	13.48	cps
Erbium	164-2	157	227	200	194	18.17	cps
Gadolinium	160-1	297	247	190	244	21.83	cps
Gadolinium	160-2	420	380	427	409	6.17	cps
Holmium	165-1	11001028	10992774	11077109	11023637	0.42	cps
Holmium	165-2	7703282	7798731	7741027	7747680	0.62	cps
Indium	115-1	8410865	8474983	8419474	8435107	0.41	cps
Indium	115-2	2963895	2988777	2921153	2957942	1.16	cps
Iron	56-2	501171339	502803793	500968046	501647726	0.20	cps
Iron	57-2	12422119	12463782	12405344	12430415	0.24	cps
Iron	54-2	27513486	27464424	27566823	27514911	0.19	cps
Krypton	83-1	287	267	307	287	6.98	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19230726	19239521	19203446	19224564	0.10	cps
Lead	207-1	16994571	17109291	17202856	17102239	0.61	cps
Lead	208-1	77150191	77416372	78169699	77578754	0.68	cps
Lithium	6-1	1512452	1495085	1555951	1521163	2.06	cps
Magnesium	24-2	107589685	107688738	107593522	107623982	0.05	cps
Manganese	55-2	17014299	16812696	16782717	16869904	0.75	cps
Molybdenum	94-1	19905355	20140731	20275223	20107103	0.93	cps
Molybdenum	95-1	29502509	29947300	29763062	29737624	0.75	cps
Molybdenum	96-1	31991059	32220461	32245101	32152207	0.44	cps
Molybdenum	97-1	18280408	18515132	18654766	18483435	1.02	cps
Molybdenum	98-1	46981754	47591568	47572584	47381969	0.73	cps
Neodymium	150-1	350	363	420	378	9.84	cps
Neodymium	150-2	113	130	97	113	14.70	cps
Nickel	60-2	967066	958553	962183	962601	0.44	cps
Phosphorus	31-2	137844	137511	134864	136740	1.19	cps
Potassium	39-2	65573052	65897279	65886297	65785543	0.28	cps
Rhodium	103-1	7714712	7725081	7782751	7740848	0.47	cps
Rhodium	103-2	4898424	5027625	4828612	4918220	2.05	cps
Scandium	45-1	5445854	5391298	5422871	5420008	0.51	cps
Scandium	45-2	503896	501014	498805	501238	0.51	cps
Selenium	82-1	80073	80747	81107	80642	0.65	cps
Selenium	77-2	8199	7962	7912	8024	1.91	cps
Selenium	78-2	26848	27192	27078	27039	0.65	cps
Silicon	28-1	22718900	22822851	23137299	22893017	0.95	cps
Silver	107-1	6222602	6317711	6370333	6303549	1.19	cps
Silver	109-1	5839384	5850435	5961297	5883705	1.15	cps
Sodium	23-2	184052044	184890164	183979224	184307144	0.27	cps
Strontium	86-1	42630858	42742584	43261059	42878167	0.78	cps
Strontium	88-1	371858101	373286061	377028434	374057532	0.71	cps
Sulfur	34-1	701796	706101	703990	703962	0.31	cps
Terbium	159-1	11151304	11229134	11262670	11214369	0.51	cps
Terbium	159-2	7660434	7604441	7627987	7630954	0.37	cps
Thallium	203-1	4774027	4886346	4875726	4845366	1.28	cps
Thallium	205-1	11450629	11643101	11380430	11491386	1.18	cps
Tin	118-1	4249887	4317358	4314820	4294022	0.89	cps
Titanium	47-1	7925862	7972064	8080506	7992811	0.99	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15728436	15832342	15882279	15814353	0.50	cps
Vanadium	51-2	2082547	2085463	2092056	2086689	0.23	cps
Yttrium	89-1	14836434	14792239	14656541	14761738	0.64	cps
Yttrium	89-2	3856271	3822297	3788699	3822422	0.88	cps
Zinc	66-2	4087842	4124539	4162955	4125112	0.91	cps
Zirconium	90-1	9241870	9354350	9326371	9307530	0.63	cps
Zirconium	91-1	2051061	2071129	2060507	2060899	0.49	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607	607	750	654	12.65	cps
Antimony	121-1	2050	2370	2830	2417	16.23	cps
Arsenic	75-2	23	7	13	14	58.06	cps
Barium	135-1	243	227	197	222	10.64	cps
Barium	137-1	353	457	417	409	12.74	cps
Beryllium	9-1	87	153	63	101	46.20	cps
Bismuth	209-1	6957514	6999450	7068296	7008420	0.80	cps
Bismuth	209-2	5567813	5560300	5605441	5577852	0.43	cps
Bromine	81-1	9160	9250	8749	9053	2.95	cps
Bromine	81-2	187	143	160	163	13.38	cps
Cadmium	108-1	3	37	10	17	105.85	cps
Cadmium	106-1	2800	2827	2870	2833	1.25	cps
Cadmium	111-1	2021	2000	2059	2027	1.47	cps
Calcium	43-1	430	877	540	616	37.82	cps
Calcium	44-1	22521	27036	22661	24073	10.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1133	1033	1193	1120	7.22	cps
Cobalt	59-2	287	287	253	276	6.98	cps
Copper	63-2	2610	2677	2764	2684	2.87	cps
Dysprosium	156-1	240	197	200	212	11.36	cps
Dysprosium	156-2	37	53	53	48	20.13	cps
Erbium	164-1	97	153	70	107	39.90	cps
Erbium	164-2	30	53	50	44	28.39	cps
Gadolinium	160-1	70	80	83	78	8.92	cps
Gadolinium	160-2	287	270	300	286	5.26	cps
Holmium	165-1	11242270	11239526	11306589	11262795	0.34	cps
Holmium	165-2	7941550	7890042	7794746	7875446	0.95	cps
Indium	115-1	9042449	9097538	9128574	9089521	0.48	cps
Indium	115-2	3193911	3194490	3205602	3198001	0.21	cps
Iron	56-2	37026	38279	39860	38388	3.70	cps
Iron	57-2	2150	2184	2297	2210	3.48	cps
Iron	54-2	3140	3244	3260	3215	2.02	cps
Krypton	83-1	280	280	270	277	2.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1373	3538	1530	2147	56.22	cps
Lead	207-1	1490	3932	1363	2262	64.01	cps
Lead	208-1	6104	16669	6067	9614	63.56	cps
Lithium	6-1	1575794	1609607	1622346	1602582	1.50	cps
Magnesium	24-2	3190	3290	3771	3417	9.08	cps
Manganese	55-2	993	1027	1137	1052	7.13	cps
Molybdenum	94-1	1620	1687	1760	1689	4.15	cps
Molybdenum	95-1	930	1117	1083	1043	9.54	cps
Molybdenum	96-1	1187	1403	1247	1279	8.75	cps
Molybdenum	97-1	587	593	663	614	6.91	cps
Molybdenum	98-1	1540	1600	1743	1628	6.42	cps
Neodymium	150-1	10	10	37	19	81.51	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	247	233	197	226	11.48	cps
Phosphorus	31-2	137	177	123	146	19.07	cps
Potassium	39-2	68841	68459	69075	68792	0.45	cps
Rhodium	103-1	8575259	8596945	8674932	8615712	0.61	cps
Rhodium	103-2	5532079	5505516	5528728	5522107	0.26	cps
Scandium	45-1	5586499	5618479	5625738	5610239	0.37	cps
Scandium	45-2	514983	512955	515710	514550	0.28	cps
Selenium	82-1	448	441	465	451	2.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	343	317	367	342	7.31	cps
Silicon	28-1	285525	288146	290357	288009	0.84	cps
Silver	107-1	483	410	450	448	8.20	cps
Silver	109-1	343	327	420	363	13.70	cps
Sodium	23-2	55185	54145	55573	54968	1.34	cps
Strontium	86-1	1057	1407	1103	1189	15.99	cps
Strontium	88-1	5968	6827	5851	6215	8.57	cps
Sulfur	34-1	248161	250704	251765	250210	0.74	cps
Terbium	159-1	11426274	11576321	11487374	11496656	0.66	cps
Terbium	159-2	7668114	7824394	7835830	7776113	1.21	cps
Thallium	203-1	547	1541	437	842	72.30	cps
Thallium	205-1	1567	3338	1140	2015	57.84	cps
Tin	118-1	2400	2250	2494	2381	5.16	cps
Titanium	47-1	390	724	387	500	38.70	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	263	1625	253	714	110.54	cps
Vanadium	51-2	87	77	80	81	6.28	cps
Yttrium	89-1	15117659	15234088	15460426	15270724	1.14	cps
Yttrium	89-2	4000266	3966113	3907247	3957876	1.19	cps
Zinc	66-2	643	820	790	751	12.59	cps
Zirconium	90-1	3147	3134	3200	3160	1.12	cps
Zirconium	91-1	653	720	670	681	5.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12456452	12414700	12483974	12451709	0.28	cps
Antimony	121-1	11555	11845	12072	11824	2.19	cps
Arsenic	75-2	55988	55527	55393	55636	0.56	cps
Barium	135-1	1062224	1094490	1094252	1083656	1.71	cps
Barium	137-1	1883846	1952867	1950642	1929118	2.03	cps
Beryllium	9-1	3227	3504	3527	3419	4.88	cps
Bismuth	209-1	6876701	6981177	6958471	6938783	0.79	cps
Bismuth	209-2	5438072	5535950	5542860	5505627	1.06	cps
Bromine	81-1	13683	14541	14764	14329	3.98	cps
Bromine	81-2	1267	1217	1233	1239	2.06	cps
Cadmium	108-1	333	370	463	389	17.23	cps
Cadmium	106-1	4257	4174	4114	4182	1.72	cps
Cadmium	111-1	5440	5313	5356	5370	1.21	cps
Calcium	43-1	506642	525486	526299	519476	2.14	cps
Calcium	44-1	7697804	7950376	7854848	7834343	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	279042	278009	278900	278650	0.20	cps
Cobalt	59-2	315070	313513	313038	313874	0.34	cps
Copper	63-2	590495	589628	592681	590935	0.27	cps
Dysprosium	156-1	101829	107434	107151	105471	2.99	cps
Dysprosium	156-2	88617	87446	88540	88201	0.74	cps
Erbium	164-1	87823	90866	91366	90019	2.13	cps
Erbium	164-2	61957	62030	62827	62271	0.77	cps
Gadolinium	160-1	100242	103858	103311	102470	1.90	cps
Gadolinium	160-2	74758	74701	75341	74933	0.47	cps
Holmium	165-1	11495713	11596271	11597529	11563171	0.51	cps
Holmium	165-2	8014219	7971403	8155666	8047096	1.20	cps
Indium	115-1	9220855	9252411	9280538	9251268	0.32	cps
Indium	115-2	3286992	3226021	3234678	3249230	1.02	cps
Iron	56-2	373268368	375394461	377554808	375405879	0.57	cps
Iron	57-2	9238888	9203498	9224183	9222190	0.19	cps
Iron	54-2	20544486	20679183	20777322	20666997	0.57	cps
Krypton	83-1	473	477	467	472	1.08	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	480714	496673	493251	490213	1.71	cps
Lead	207-1	436749	450127	448729	445201	1.65	cps
Lead	208-1	1959392	2008512	2009914	1992606	1.44	cps
Lithium	6-1	1626953	1621146	1613828	1620642	0.41	cps
Magnesium	24-2	7500225	7370238	7425491	7431984	0.88	cps
Manganese	55-2	7230792	7297761	7387079	7305211	1.07	cps
Molybdenum	94-1	91101	94737	95334	93724	2.44	cps
Molybdenum	95-1	6985	7155	7529	7223	3.85	cps
Molybdenum	96-1	25426	26284	26921	26210	2.86	cps
Molybdenum	97-1	4597	4414	4734	4582	3.51	cps
Molybdenum	98-1	10954	11448	11505	11302	2.68	cps
Neodymium	150-1	181089	186302	186717	184703	1.70	cps
Neodymium	150-2	109256	109222	109447	109308	0.11	cps
Nickel	60-2	99786	98732	99903	99474	0.65	cps
Phosphorus	31-2	30791	30273	30768	30611	0.95	cps
Potassium	39-2	6305596	6252796	6267102	6275165	0.44	cps
Rhodium	103-1	8706688	8845382	8796098	8782723	0.80	cps
Rhodium	103-2	5522447	5646806	5537465	5568906	1.22	cps
Scandium	45-1	6077045	6258260	6291627	6208977	1.86	cps
Scandium	45-2	575442	575415	575397	575418	0.00	cps
Selenium	82-1	683	725	732	713	3.67	cps
Selenium	77-2	403	420	377	400	5.46	cps
Selenium	78-2	637	677	673	662	3.35	cps
Silicon	28-1	41006683	42000655	42527759	41845032	1.85	cps
Silver	107-1	6155	5741	5701	5866	4.28	cps
Silver	109-1	5244	5158	4914	5105	3.35	cps
Sodium	23-2	244805	246022	245599	245476	0.25	cps
Strontium	86-1	310191	319711	321315	317072	1.90	cps
Strontium	88-1	2700171	2772824	2780221	2751072	1.61	cps
Sulfur	34-1	259349	248289	240808	249482	3.74	cps
Terbium	159-1	11766100	11826036	11816422	11802853	0.27	cps
Terbium	159-2	7954106	7862362	8034209	7950226	1.08	cps
Thallium	203-1	4361	4487	4514	4454	1.84	cps
Thallium	205-1	10391	10457	10391	10413	0.37	cps
Tin	118-1	20578	21620	21586	21261	2.78	cps
Titanium	47-1	2544700	2628858	2654502	2609354	2.20	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42050	43671	43427	43049	2.03	cps
Vanadium	51-2	630004	630890	631927	630941	0.15	cps
Yttrium	89-1	17295020	17284000	17482346	17353788	0.64	cps
Yttrium	89-2	4466650	4443664	4453087	4454467	0.26	cps
Zinc	66-2	283144	280418	280606	281389	0.54	cps
Zirconium	90-1	241031	246218	250875	246042	2.00	cps
Zirconium	91-1	53286	55652	55799	54912	2.57	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9381713	9332238	9253853	9322601	0.69	cps
Antimony	121-1	9990	9797	9944	9910	1.02	cps
Arsenic	75-2	32482	33167	32743	32797	1.05	cps
Barium	135-1	775439	789632	796779	787283	1.38	cps
Barium	137-1	1341751	1375011	1379439	1365400	1.51	cps
Beryllium	9-1	2594	2647	2397	2546	5.17	cps
Bismuth	209-1	6961988	6979616	7130940	7024182	1.32	cps
Bismuth	209-2	5600946	5559947	5480091	5546995	1.11	cps
Bromine	81-1	12252	12022	12522	12265	2.04	cps
Bromine	81-2	680	787	737	734	7.27	cps
Cadmium	108-1	253	217	267	246	10.54	cps
Cadmium	106-1	3917	3837	3917	3891	1.19	cps
Cadmium	111-1	3755	3834	3782	3790	1.07	cps
Calcium	43-1	1415104	1464442	1449851	1443132	1.76	cps
Calcium	44-1	22986333	23830220	23816713	23544422	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297567	296147	293951	295889	0.62	cps
Cobalt	59-2	279193	279750	277390	278778	0.44	cps
Copper	63-2	412023	410301	412901	411742	0.32	cps
Dysprosium	156-1	87255	90720	90785	89587	2.25	cps
Dysprosium	156-2	75116	75944	74982	75347	0.69	cps
Erbium	164-1	74758	75050	75040	74949	0.22	cps
Erbium	164-2	51966	53639	52261	52622	1.70	cps
Gadolinium	160-1	84067	86082	86582	85577	1.56	cps
Gadolinium	160-2	62763	63121	62381	62755	0.59	cps
Holmium	165-1	11385949	11593811	11520171	11499977	0.92	cps
Holmium	165-2	8156505	8036656	7897820	8030327	1.61	cps
Indium	115-1	9301771	9457352	9383266	9380796	0.83	cps
Indium	115-2	3317013	3256291	3260968	3278091	1.03	cps
Iron	56-2	344721328	342080928	344588008	343796755	0.43	cps
Iron	57-2	8478306	8549073	8627690	8551690	0.87	cps
Iron	54-2	18919191	18958318	19009571	18962360	0.24	cps
Krypton	83-1	443	437	393	424	6.40	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	245868	247743	249356	247656	0.70	cps
Lead	207-1	207982	212836	212621	211146	1.30	cps
Lead	208-1	959259	974463	976118	969947	0.96	cps
Lithium	6-1	1581119	1576533	1596440	1584697	0.66	cps
Magnesium	24-2	6943567	6905179	6932637	6927128	0.29	cps
Manganese	55-2	5542809	5516405	5503312	5520842	0.36	cps
Molybdenum	94-1	66232	68479	68271	67661	1.84	cps
Molybdenum	95-1	7025	7285	7439	7250	2.88	cps
Molybdenum	96-1	21352	21469	21700	21507	0.82	cps
Molybdenum	97-1	4244	4451	4391	4362	2.44	cps
Molybdenum	98-1	11041	10971	11374	11129	1.94	cps
Neodymium	150-1	158989	161649	162361	161000	1.10	cps
Neodymium	150-2	93785	92289	93729	93268	0.91	cps
Nickel	60-2	96347	96981	97195	96841	0.46	cps
Phosphorus	31-2	46865	46400	46196	46487	0.74	cps
Potassium	39-2	4818429	4773470	4814785	4802228	0.52	cps
Rhodium	103-1	8957424	8920983	9005936	8961448	0.48	cps
Rhodium	103-2	5707845	5596627	5628804	5644425	1.01	cps
Scandium	45-1	6144957	6273381	6335071	6251136	1.55	cps
Scandium	45-2	584635	577820	573902	578786	0.94	cps
Selenium	82-1	731	637	754	707	8.70	cps
Selenium	77-2	303	290	323	306	5.49	cps
Selenium	78-2	550	620	563	578	6.43	cps
Silicon	28-1	39664688	40809813	41002407	40492302	1.79	cps
Silver	107-1	2584	2517	2684	2595	3.23	cps
Silver	109-1	2357	2204	2404	2321	4.51	cps
Sodium	23-2	251529	251311	256025	252955	1.05	cps
Strontium	86-1	281759	287846	289879	286495	1.47	cps
Strontium	88-1	2466160	2508399	2539181	2504580	1.46	cps
Sulfur	34-1	250216	257126	262210	256517	2.35	cps
Terbium	159-1	11681228	11841433	12056111	11859591	1.59	cps
Terbium	159-2	7941544	7967118	7883204	7930622	0.54	cps
Thallium	203-1	2794	2720	2524	2679	5.21	cps
Thallium	205-1	6438	6532	6738	6569	2.34	cps
Tin	118-1	20455	21162	21583	21067	2.71	cps
Titanium	47-1	2169957	2232013	2235810	2212593	1.67	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29065	29673	30004	29581	1.61	cps
Vanadium	51-2	652851	647642	647315	649269	0.48	cps
Yttrium	89-1	17315022	17603290	17685029	17534447	1.11	cps
Yttrium	89-2	4499645	4409169	4428455	4445756	1.07	cps
Zinc	66-2	164269	161509	163737	163172	0.90	cps
Zirconium	90-1	173798	178750	180275	177608	1.91	cps
Zirconium	91-1	38149	39861	40262	39424	2.85	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5055356	5096754	5034874	5062328	0.62	cps
Antimony	121-1	6705	7072	7292	7023	4.22	cps
Arsenic	75-2	34016	34062	33601	33893	0.75	cps
Barium	135-1	160500	163780	164657	162979	1.34	cps
Barium	137-1	277100	284338	283088	281508	1.37	cps
Beryllium	9-1	490	547	577	538	8.18	cps
Bismuth	209-1	7140098	7200973	7130919	7157330	0.53	cps
Bismuth	209-2	5612351	5488561	5641113	5580675	1.45	cps
Bromine	81-1	10747	10257	10631	10545	2.43	cps
Bromine	81-2	337	353	363	351	3.84	cps
Cadmium	108-1	400	327	303	343	14.69	cps
Cadmium	106-1	3707	3701	3554	3654	2.37	cps
Cadmium	111-1	4812	4832	4766	4803	0.71	cps
Calcium	43-1	113386	115441	115075	114634	0.96	cps
Calcium	44-1	1698228	1733184	1744383	1725265	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	305986	304213	303137	304445	0.47	cps
Cobalt	59-2	281956	284925	284708	283863	0.58	cps
Copper	63-2	932486	926489	926054	928343	0.39	cps
Dysprosium	156-1	11678	12282	12102	12021	2.58	cps
Dysprosium	156-2	9330	9263	9093	9229	1.32	cps
Erbium	164-1	13380	13600	13747	13576	1.36	cps
Erbium	164-2	9136	9203	8950	9096	1.44	cps
Gadolinium	160-1	12149	12829	12636	12538	2.80	cps
Gadolinium	160-2	8870	9130	9120	9040	1.63	cps
Holmium	165-1	11565770	11604372	11664649	11611597	0.43	cps
Holmium	165-2	7954933	8010463	8019270	7994889	0.44	cps
Indium	115-1	9560794	9540531	9702261	9601195	0.92	cps
Indium	115-2	3355192	3277303	3216673	3283056	2.12	cps
Iron	56-2	186423517	184166904	185301517	185297313	0.61	cps
Iron	57-2	4529433	4605046	4550916	4561799	0.85	cps
Iron	54-2	10221341	10209383	10141305	10190676	0.42	cps
Krypton	83-1	360	280	363	334	14.11	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	302613	306380	303678	304224	0.64	cps
Lead	207-1	264489	271085	270548	268707	1.36	cps
Lead	208-1	1206920	1219612	1221110	1215881	0.64	cps
Lithium	6-1	1598068	1625935	1639038	1621014	1.29	cps
Magnesium	24-2	5235468	5226619	5227465	5229851	0.09	cps
Manganese	55-2	3219943	3203259	3181127	3201443	0.61	cps
Molybdenum	94-1	18846	18889	19286	19007	1.28	cps
Molybdenum	95-1	1943	2144	2107	2065	5.16	cps
Molybdenum	96-1	7155	7342	7115	7204	1.68	cps
Molybdenum	97-1	1180	1303	1333	1272	6.39	cps
Molybdenum	98-1	3194	3504	3440	3379	4.85	cps
Neodymium	150-1	16780	16496	16860	16712	1.14	cps
Neodymium	150-2	9580	9580	9560	9573	0.12	cps
Nickel	60-2	87959	88744	88194	88299	0.46	cps
Phosphorus	31-2	7158	7002	7152	7104	1.25	cps
Potassium	39-2	1174589	1172024	1175253	1173955	0.15	cps
Rhodium	103-1	9078292	9148068	9134067	9120142	0.40	cps
Rhodium	103-2	5657596	5661140	5631120	5649952	0.29	cps
Scandium	45-1	6201083	6207011	6234548	6214214	0.29	cps
Scandium	45-2	568355	567993	568032	568127	0.03	cps
Selenium	82-1	582	606	532	573	6.64	cps
Selenium	77-2	53	53	63	57	10.19	cps
Selenium	78-2	400	443	367	403	9.53	cps
Silicon	28-1	9312642	9470893	9534593	9439376	1.21	cps
Silver	107-1	3297	3244	3477	3339	3.66	cps
Silver	109-1	2994	3060	3034	3029	1.11	cps
Sodium	23-2	114952	113954	113266	114057	0.74	cps
Strontium	86-1	64380	65984	65337	65234	1.24	cps
Strontium	88-1	560971	571559	568864	567131	0.97	cps
Sulfur	34-1	230827	227323	220413	226188	2.34	cps
Terbium	159-1	12109231	11985265	12026180	12040225	0.52	cps
Terbium	159-2	7914186	8136093	8038208	8029496	1.39	cps
Thallium	203-1	710	803	803	772	6.98	cps
Thallium	205-1	2010	1933	1863	1936	3.79	cps
Tin	118-1	9253	9210	9293	9252	0.45	cps
Titanium	47-1	966170	984136	980565	976957	0.97	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5591	5661	6035	5762	4.14	cps
Vanadium	51-2	449535	447300	448200	448345	0.25	cps
Yttrium	89-1	16634886	16767471	16902403	16768253	0.80	cps
Yttrium	89-2	4171437	4233678	4241014	4215377	0.91	cps
Zinc	66-2	106523	105872	105925	106107	0.34	cps
Zirconium	90-1	47771	50219	49172	49054	2.50	cps
Zirconium	91-1	10847	11098	11221	11055	1.72	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5041288	5039368	5009463	5030040	0.35	cps
Antimony	121-1	6668	7088	7222	6993	4.13	cps
Arsenic	75-2	34273	33625	32983	33627	1.92	cps
Barium	135-1	159874	161923	163398	161731	1.09	cps
Barium	137-1	279042	282121	282154	281106	0.64	cps
Beryllium	9-1	567	550	507	541	5.72	cps
Bismuth	209-1	7057744	7107839	7058036	7074540	0.41	cps
Bismuth	209-2	5644735	5635661	5564317	5614904	0.78	cps
Bromine	81-1	10771	10547	10757	10692	1.17	cps
Bromine	81-2	307	240	360	302	19.90	cps
Cadmium	108-1	340	317	357	338	5.95	cps
Cadmium	106-1	3887	3634	3577	3699	4.46	cps
Cadmium	111-1	4890	4826	4735	4817	1.62	cps
Calcium	43-1	112765	115925	114756	114482	1.40	cps
Calcium	44-1	1721584	1716516	1739114	1725738	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	302883	302840	300682	302135	0.42	cps
Cobalt	59-2	281593	281932	282533	282019	0.17	cps
Copper	63-2	932650	924503	919913	925689	0.70	cps
Dysprosium	156-1	11732	12185	11959	11959	1.90	cps
Dysprosium	156-2	9070	9283	9336	9230	1.53	cps
Erbium	164-1	13243	13603	13970	13606	2.67	cps
Erbium	164-2	9610	9433	9280	9441	1.75	cps
Gadolinium	160-1	12289	12612	12859	12587	2.27	cps
Gadolinium	160-2	9120	9180	9256	9185	0.75	cps
Holmium	165-1	11714595	11511154	11447236	11557662	1.21	cps
Holmium	165-2	8072151	8004153	7933086	8003130	0.87	cps
Indium	115-1	9422904	9417500	9434113	9424839	0.09	cps
Indium	115-2	3276117	3265792	3231178	3257696	0.72	cps
Iron	56-2	186221871	184738724	184396884	185119159	0.52	cps
Iron	57-2	4564134	4507736	4547712	4539861	0.64	cps
Iron	54-2	10206569	10093187	10128724	10142827	0.57	cps
Krypton	83-1	363	397	303	354	13.34	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	299684	303308	308734	303909	1.50	cps
Lead	207-1	270349	270499	274070	271639	0.78	cps
Lead	208-1	1212623	1224732	1228868	1222074	0.69	cps
Lithium	6-1	1628249	1594618	1645724	1622864	1.60	cps
Magnesium	24-2	5233269	5198706	5183312	5205096	0.49	cps
Manganese	55-2	3203073	3160512	3206927	3190171	0.81	cps
Molybdenum	94-1	18335	18946	19086	18789	2.13	cps
Molybdenum	95-1	2184	2160	2077	2140	2.62	cps
Molybdenum	96-1	6898	6818	7105	6941	2.13	cps
Molybdenum	97-1	1313	1247	1373	1311	4.83	cps
Molybdenum	98-1	2987	3104	3264	3118	4.46	cps
Neodymium	150-1	16937	17097	17080	17038	0.52	cps
Neodymium	150-2	9780	9693	9603	9692	0.91	cps
Nickel	60-2	89102	88556	88549	88736	0.36	cps
Phosphorus	31-2	7302	7018	7112	7144	2.02	cps
Potassium	39-2	1173208	1165439	1161484	1166710	0.51	cps
Rhodium	103-1	8993795	9016586	9049834	9020072	0.31	cps
Rhodium	103-2	5664596	5580047	5619365	5621336	0.75	cps
Scandium	45-1	6184042	6140753	6168682	6164492	0.36	cps
Scandium	45-2	561666	559256	555870	558931	0.52	cps
Selenium	82-1	589	526	544	553	5.87	cps
Selenium	77-2	43	47	43	44	4.34	cps
Selenium	78-2	463	400	390	418	9.52	cps
Silicon	28-1	9332226	9447735	9553378	9444446	1.17	cps
Silver	107-1	3017	3197	3337	3184	5.04	cps
Silver	109-1	3080	3067	3124	3090	0.96	cps
Sodium	23-2	104505	105730	106008	105414	0.76	cps
Strontium	86-1	64410	66459	66372	65747	1.76	cps
Strontium	88-1	560991	569189	567560	565913	0.77	cps
Sulfur	34-1	222922	221039	220160	221374	0.64	cps
Terbium	159-1	11766813	11826111	11929272	11840732	0.69	cps
Terbium	159-2	7877871	7861179	7921190	7886747	0.39	cps
Thallium	203-1	780	667	670	706	9.14	cps
Thallium	205-1	1643	1647	1867	1719	7.45	cps
Tin	118-1	9150	9300	9940	9463	4.44	cps
Titanium	47-1	962965	976648	979822	973145	0.92	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5915	6025	5958	5966	0.93	cps
Vanadium	51-2	447741	448211	442001	445984	0.78	cps
Yttrium	89-1	16210171	16670604	16537336	16472704	1.44	cps
Yttrium	89-2	4152722	4167574	4165634	4161977	0.19	cps
Zinc	66-2	103499	103576	103247	103441	0.17	cps
Zirconium	90-1	47176	47630	48530	47778	1.44	cps
Zirconium	91-1	10520	10277	10988	10595	3.41	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1086569	1072543	1073608	1077573	0.72	cps
Antimony	121-1	1563	1573	1590	1576	0.86	cps
Arsenic	75-2	6912	6758	7075	6915	2.29	cps
Barium	135-1	32848	32841	33920	33203	1.87	cps
Barium	137-1	57904	57332	57191	57475	0.66	cps
Beryllium	9-1	160	120	143	141	14.24	cps
Bismuth	209-1	6838157	6980782	7017973	6945637	1.37	cps
Bismuth	209-2	5538843	5514264	5412535	5488547	1.22	cps
Bromine	81-1	9843	9857	9810	9837	0.24	cps
Bromine	81-2	210	197	183	197	6.78	cps
Cadmium	108-1	93	80	67	80	16.66	cps
Cadmium	106-1	3344	3364	2924	3210	7.74	cps
Cadmium	111-1	2782	2792	2517	2697	5.79	cps
Calcium	43-1	23188	23588	23822	23533	1.36	cps
Calcium	44-1	390273	398679	399528	396160	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63302	63054	62485	62947	0.67	cps
Cobalt	59-2	58420	57332	57526	57759	1.00	cps
Copper	63-2	191069	189777	188727	189858	0.62	cps
Dysprosium	156-1	2744	2550	2687	2660	3.74	cps
Dysprosium	156-2	2003	2047	2014	2021	1.12	cps
Erbium	164-1	2864	3037	2827	2909	3.86	cps
Erbium	164-2	1940	1947	2060	1982	3.40	cps
Gadolinium	160-1	2674	2624	2607	2635	1.32	cps
Gadolinium	160-2	2247	2224	2177	2216	1.61	cps
Holmium	165-1	11478633	10859676	11033855	11124055	2.87	cps
Holmium	165-2	7897362	7851211	7658065	7802213	1.63	cps
Indium	115-1	9307769	9275315	9271843	9284976	0.21	cps
Indium	115-2	3217267	3173745	3192533	3194515	0.68	cps
Iron	56-2	37975891	37592513	37624457	37730954	0.56	cps
Iron	57-2	1004486	995742	997500	999243	0.46	cps
Iron	54-2	2122305	2125068	2132026	2126466	0.24	cps
Krypton	83-1	300	327	303	310	4.69	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63404	62516	63317	63079	0.78	cps
Lead	207-1	56574	56842	55837	56418	0.92	cps
Lead	208-1	253786	256004	253538	254443	0.53	cps
Lithium	6-1	1583540	1617975	1630681	1610732	1.51	cps
Magnesium	24-2	1138281	1122507	1125461	1128749	0.74	cps
Manganese	55-2	675945	677990	675903	676613	0.18	cps
Molybdenum	94-1	3844	3901	4187	3977	4.63	cps
Molybdenum	95-1	543	593	530	556	6.01	cps
Molybdenum	96-1	1620	1827	1607	1685	7.32	cps
Molybdenum	97-1	380	387	367	378	2.70	cps
Molybdenum	98-1	827	757	743	776	5.77	cps
Neodymium	150-1	3314	3507	3504	3442	3.22	cps
Neodymium	150-2	2020	2037	2130	2062	2.88	cps
Nickel	60-2	18198	18708	18128	18345	1.73	cps
Phosphorus	31-2	1703	1653	1457	1605	8.13	cps
Potassium	39-2	295647	294549	293841	294679	0.31	cps
Rhodium	103-1	9008778	9017463	8852645	8959629	1.04	cps
Rhodium	103-2	5549712	5480409	5541202	5523774	0.68	cps
Scandium	45-1	5849584	5864719	5875005	5863102	0.22	cps
Scandium	45-2	538235	538543	536986	537921	0.15	cps
Selenium	82-1	478	498	484	487	2.12	cps
Selenium	77-2	0	17	7	8	107.84	cps
Selenium	78-2	443	403	360	402	10.36	cps
Silicon	28-1	2216018	2199967	2253308	2223098	1.23	cps
Silver	107-1	743	760	743	749	1.29	cps
Silver	109-1	683	663	640	662	3.28	cps
Sodium	23-2	66489	66684	64712	65962	1.65	cps
Strontium	86-1	13470	13610	13446	13509	0.65	cps
Strontium	88-1	114031	116446	115821	115433	1.09	cps
Sulfur	34-1	222858	220474	215599	219644	1.68	cps
Terbium	159-1	11792613	11801551	11353907	11649357	2.20	cps
Terbium	159-2	7810969	7792511	7767970	7790483	0.28	cps
Thallium	203-1	287	257	260	268	6.14	cps
Thallium	205-1	760	640	707	702	8.56	cps
Tin	118-1	3387	3547	3200	3378	5.14	cps
Titanium	47-1	195769	198081	196589	196813	0.60	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1197	1270	1063	1177	8.90	cps
Vanadium	51-2	91368	91247	91438	91351	0.11	cps
Yttrium	89-1	15575860	15931554	16021263	15842892	1.49	cps
Yttrium	89-2	4057291	4048406	4024964	4043553	0.41	cps
Zinc	66-2	22016	21766	22203	21995	1.00	cps
Zirconium	90-1	10107	10567	10581	10418	2.59	cps
Zirconium	91-1	2124	2294	2344	2254	5.12	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4914300	4872085	4942108	4909498	0.72	cps
Antimony	121-1	162254	166084	166333	164890	1.39	cps
Arsenic	75-2	36174	35596	35994	35921	0.82	cps
Barium	135-1	996398	1010170	1004780	1003783	0.69	cps
Barium	137-1	1778977	1817310	1806138	1800808	1.09	cps
Beryllium	9-1	15681	15818	15932	15810	0.79	cps
Bismuth	209-1	6824692	6861529	6908834	6865018	0.61	cps
Bismuth	209-2	5357862	5357133	5420464	5378487	0.68	cps
Bromine	81-1	9880	9847	9403	9710	2.74	cps
Bromine	81-2	230	277	233	247	10.55	cps
Cadmium	108-1	1713	1720	1660	1698	1.94	cps
Cadmium	106-1	5524	5311	5211	5349	2.99	cps
Cadmium	111-1	25028	25345	24910	25094	0.90	cps
Calcium	43-1	107181	108212	107920	107771	0.49	cps
Calcium	44-1	1622937	1648338	1663213	1644829	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460401	458010	461867	460093	0.42	cps
Cobalt	59-2	907169	910124	904769	907354	0.30	cps
Copper	63-2	1094971	1091004	1091971	1092649	0.19	cps
Dysprosium	156-1	11205	10901	11505	11203	2.69	cps
Dysprosium	156-2	8619	9170	8880	8890	3.10	cps
Erbium	164-1	12823	13043	12723	12863	1.27	cps
Erbium	164-2	8856	8860	8623	8779	1.55	cps
Gadolinium	160-1	11772	11818	11885	11825	0.48	cps
Gadolinium	160-2	8816	8763	8783	8787	0.31	cps
Holmium	165-1	11195052	11126882	11092512	11138148	0.47	cps
Holmium	165-2	7856777	7728007	7692854	7759213	1.11	cps
Indium	115-1	9040006	9122825	9030614	9064482	0.56	cps
Indium	115-2	3163168	3141367	3183812	3162782	0.67	cps
Iron	56-2	176532397	175840057	175859324	176077260	0.22	cps
Iron	57-2	4382534	4335949	4335704	4351396	0.62	cps
Iron	54-2	9711097	9749768	9703247	9721371	0.26	cps
Krypton	83-1	300	283	277	287	4.19	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	310706	311621	315972	312766	0.90	cps
Lead	207-1	271262	276087	277095	274815	1.13	cps
Lead	208-1	1240434	1244639	1254736	1246603	0.59	cps
Lithium	6-1	1629085	1583133	1538648	1583622	2.86	cps
Magnesium	24-2	4977017	4937275	5023434	4979242	0.87	cps
Manganese	55-2	3328886	3328035	3296384	3317768	0.56	cps
Molybdenum	94-1	17190	17531	17838	17519	1.85	cps
Molybdenum	95-1	2013	2130	1887	2010	6.06	cps
Molybdenum	96-1	6415	6528	6515	6486	0.96	cps
Molybdenum	97-1	1197	1237	1167	1200	2.93	cps
Molybdenum	98-1	2914	3147	3167	3076	4.58	cps
Neodymium	150-1	15245	16179	15412	15612	3.19	cps
Neodymium	150-2	8606	8930	9066	8867	2.67	cps
Nickel	60-2	247521	245989	246767	246759	0.31	cps
Phosphorus	31-2	6778	6885	6848	6837	0.79	cps
Potassium	39-2	1110871	1111454	1113407	1111911	0.12	cps
Rhodium	103-1	8580084	8631035	8615648	8608922	0.30	cps
Rhodium	103-2	5392228	5315486	5437739	5381818	1.15	cps
Scandium	45-1	5892803	5872917	5883470	5883063	0.17	cps
Scandium	45-2	542287	541231	538044	540521	0.41	cps
Selenium	82-1	3938	4252	4087	4092	3.84	cps
Selenium	77-2	323	370	323	339	7.95	cps
Selenium	78-2	1663	1357	1570	1530	10.27	cps
Silicon	28-1	7835776	7972389	8148772	7985646	1.97	cps
Silver	107-1	96978	100834	99968	99260	2.04	cps
Silver	109-1	91671	92888	93385	92648	0.95	cps
Sodium	23-2	94380	94866	95844	95030	0.78	cps
Strontium	86-1	61079	62850	61946	61959	1.43	cps
Strontium	88-1	526532	537657	534836	533008	1.09	cps
Sulfur	34-1	220176	215102	215072	216783	1.36	cps
Terbium	159-1	11451567	11621085	11256211	11442954	1.60	cps
Terbium	159-2	7642051	7714737	7620157	7658982	0.65	cps
Thallium	203-1	66967	68699	67024	67563	1.46	cps
Thallium	205-1	160613	164196	163275	162694	1.14	cps
Tin	118-1	8796	9043	8753	8864	1.77	cps
Titanium	47-1	908176	931229	925475	921627	1.30	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5575	5848	5488	5637	3.33	cps
Vanadium	51-2	788824	787294	791153	789090	0.25	cps
Yttrium	89-1	15874334	15664999	15705346	15748226	0.71	cps
Yttrium	89-2	4026627	4014351	4041885	4027621	0.34	cps
Zinc	66-2	170312	169119	168896	169443	0.45	cps
Zirconium	90-1	44146	45356	44761	44755	1.35	cps
Zirconium	91-1	9867	9743	9973	9861	1.17	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4947664	4902276	4908526	4919489	0.50	cps
Antimony	121-1	695389	703322	706550	701753	0.82	cps
Arsenic	75-2	48582	47446	46519	47516	2.17	cps
Barium	135-1	3966958	4030137	4046425	4014506	1.05	cps
Barium	137-1	6823312	6948436	6934525	6902091	0.99	cps
Beryllium	9-1	65527	66444	67241	66404	1.29	cps
Bismuth	209-1	6914246	7047172	7115477	7025632	1.46	cps
Bismuth	209-2	5543339	5482734	5542610	5522894	0.63	cps
Bromine	81-1	9643	9246	9523	9471	2.15	cps
Bromine	81-2	227	227	210	221	4.35	cps
Cadmium	108-1	6248	6758	6528	6512	3.92	cps
Cadmium	106-1	11832	12429	12105	12122	2.47	cps
Cadmium	111-1	99273	101596	100701	100523	1.17	cps
Calcium	43-1	101832	103450	104030	103104	1.10	cps
Calcium	44-1	1551767	1584038	1575133	1570313	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1011809	1011935	1005078	1009607	0.39	cps
Cobalt	59-2	2994564	2984032	2955169	2977922	0.68	cps
Copper	63-2	1769715	1751692	1746291	1755899	0.70	cps
Dysprosium	156-1	10811	10968	11028	10935	1.02	cps
Dysprosium	156-2	8489	8546	8940	8658	2.83	cps
Erbium	164-1	11835	12672	12933	12480	4.60	cps
Erbium	164-2	8479	8513	8669	8554	1.19	cps
Gadolinium	160-1	11495	11318	11665	11493	1.51	cps
Gadolinium	160-2	8389	8779	8756	8642	2.53	cps
Holmium	165-1	11118742	11223493	11303101	11215112	0.82	cps
Holmium	165-2	8005507	7923898	7915720	7948375	0.62	cps
Indium	115-1	9048774	9192513	9114504	9118597	0.79	cps
Indium	115-2	3168348	3154464	3147152	3156655	0.34	cps
Iron	56-2	174104877	170932517	172738371	172591922	0.92	cps
Iron	57-2	4244451	4240587	4243286	4242775	0.05	cps
Iron	54-2	9578546	9417410	9491178	9495711	0.85	cps
Krypton	83-1	310	310	307	309	0.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	379732	387062	388293	385029	1.20	cps
Lead	207-1	335995	342918	341708	340207	1.09	cps
Lead	208-1	1528400	1552939	1553982	1545107	0.94	cps
Lithium	6-1	1631131	1619410	1612339	1620960	0.59	cps
Magnesium	24-2	4805493	4772036	4808876	4795468	0.42	cps
Manganese	55-2	4188803	4093496	4165929	4149409	1.20	cps
Molybdenum	94-1	17454	17424	17180	17353	0.87	cps
Molybdenum	95-1	1967	1923	2097	1996	4.52	cps
Molybdenum	96-1	6188	6605	6231	6341	3.61	cps
Molybdenum	97-1	1160	1110	1163	1145	2.61	cps
Molybdenum	98-1	3177	3120	3117	3138	1.07	cps
Neodymium	150-1	14855	15322	15395	15191	1.93	cps
Neodymium	150-2	9056	8823	8486	8788	3.26	cps
Nickel	60-2	787576	780753	781659	783329	0.47	cps
Phosphorus	31-2	6658	6635	6702	6665	0.51	cps
Potassium	39-2	1080493	1075985	1074420	1076966	0.29	cps
Rhodium	103-1	8704671	8636473	8789448	8710198	0.88	cps
Rhodium	103-2	5466004	5444108	5411983	5440699	0.50	cps
Scandium	45-1	5816581	5890322	5861804	5856236	0.63	cps
Scandium	45-2	539587	537475	537682	538248	0.22	cps
Selenium	82-1	14085	14365	14472	14307	1.40	cps
Selenium	77-2	1450	1310	1363	1375	5.14	cps
Selenium	78-2	4814	4741	4711	4755	1.12	cps
Silicon	28-1	7665460	7839229	7891291	7798660	1.52	cps
Silver	107-1	355076	360290	361348	358905	0.94	cps
Silver	109-1	334816	339039	342952	338936	1.20	cps
Sodium	23-2	92737	91851	91741	92110	0.59	cps
Strontium	86-1	57950	60353	59847	59384	2.13	cps
Strontium	88-1	507326	513160	517287	512591	0.98	cps
Sulfur	34-1	215620	212107	212101	213276	0.95	cps
Terbium	159-1	11417054	11487262	11647711	11517342	1.03	cps
Terbium	159-2	7809411	7665184	7789751	7754782	1.01	cps
Thallium	203-1	317441	320212	322648	320100	0.81	cps
Thallium	205-1	746622	763667	765224	758504	1.36	cps
Tin	118-1	8416	8703	8606	8575	1.70	cps
Titanium	47-1	884331	893382	898614	892109	0.81	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5291	5204	5725	5407	5.16	cps
Vanadium	51-2	1907162	1935295	1903822	1915426	0.90	cps
Yttrium	89-1	15677976	15743852	15564839	15662222	0.58	cps
Yttrium	89-2	4041902	4018834	3958794	4006510	1.07	cps
Zinc	66-2	403901	400547	399365	401271	0.59	cps
Zirconium	90-1	43127	43776	42959	43287	1.00	cps
Zirconium	91-1	10144	9793	10017	9985	1.78	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2879785	2868005	2872309	2873366	0.21	cps
Antimony	121-1	4567	4644	4694	4635	1.38	cps
Arsenic	75-2	19299	19636	19366	19434	0.92	cps
Barium	135-1	262911	269791	271117	267939	1.64	cps
Barium	137-1	459857	466287	466660	464268	0.82	cps
Beryllium	9-1	947	840	827	871	7.55	cps
Bismuth	209-1	6960573	7049316	7185031	7064973	1.60	cps
Bismuth	209-2	5631290	5549520	5621800	5600870	0.80	cps
Bromine	81-1	9296	9597	9773	9555	2.52	cps
Bromine	81-2	280	250	300	277	9.10	cps
Cadmium	108-1	80	100	93	91	11.18	cps
Cadmium	106-1	3160	3460	3040	3220	6.72	cps
Cadmium	111-1	2866	3156	2943	2988	5.02	cps
Calcium	43-1	118313	119727	122069	120036	1.58	cps
Calcium	44-1	1783839	1843383	1853703	1826975	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71190	70554	71251	70998	0.54	cps
Cobalt	59-2	83410	82880	83645	83312	0.47	cps
Copper	63-2	149111	148751	150243	149368	0.52	cps
Dysprosium	156-1	24385	24264	24501	24383	0.49	cps
Dysprosium	156-2	20031	20175	20165	20123	0.40	cps
Erbium	164-1	20432	21216	20412	20687	2.22	cps
Erbium	164-2	14621	14247	14147	14339	1.74	cps
Gadolinium	160-1	23527	23707	23683	23639	0.41	cps
Gadolinium	160-2	17418	17274	17758	17483	1.42	cps
Holmium	165-1	11369802	11406975	11430556	11402445	0.27	cps
Holmium	165-2	8160927	8006231	7940140	8035766	1.41	cps
Indium	115-1	9126225	9209988	9200653	9178955	0.50	cps
Indium	115-2	3226461	3207953	3201469	3211961	0.40	cps
Iron	56-2	111842968	110139072	110003025	110661688	0.93	cps
Iron	57-2	2785053	2706742	2718734	2736843	1.54	cps
Iron	54-2	6112629	6100641	6040124	6084465	0.64	cps
Krypton	83-1	313	337	330	327	3.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	157920	159387	160196	159167	0.72	cps
Lead	207-1	144291	147147	146682	146040	1.05	cps
Lead	208-1	640348	652946	651136	648143	1.05	cps
Lithium	6-1	1619282	1617643	1668159	1635028	1.76	cps
Magnesium	24-2	1759566	1715334	1742870	1739257	1.28	cps
Manganese	55-2	1729995	1727518	1719575	1725696	0.32	cps
Molybdenum	94-1	17360	17621	17938	17640	1.64	cps
Molybdenum	95-1	2094	2180	2244	2172	3.47	cps
Molybdenum	96-1	6191	6121	6078	6130	0.93	cps
Molybdenum	97-1	1250	1263	1297	1270	1.89	cps
Molybdenum	98-1	3240	3357	3590	3396	5.25	cps
Neodymium	150-1	41929	42343	43320	42531	1.68	cps
Neodymium	150-2	24715	24481	24418	24538	0.64	cps
Nickel	60-2	22397	21666	21886	21983	1.71	cps
Phosphorus	31-2	9860	9907	9730	9832	0.93	cps
Potassium	39-2	1334794	1309865	1311636	1318765	1.05	cps
Rhodium	103-1	8759341	8720760	8784343	8754815	0.37	cps
Rhodium	103-2	5495971	5495708	5553993	5515224	0.61	cps
Scandium	45-1	5767966	5799764	5851125	5806285	0.72	cps
Scandium	45-2	538043	532906	536539	535829	0.49	cps
Selenium	82-1	477	526	544	516	6.76	cps
Selenium	77-2	120	117	93	110	13.21	cps
Selenium	78-2	367	413	393	391	5.99	cps
Silicon	28-1	8556691	8708622	8732167	8665827	1.10	cps
Silver	107-1	2224	2267	1867	2119	10.36	cps
Silver	109-1	2160	1803	1687	1883	13.09	cps
Sodium	23-2	92844	93425	94005	93425	0.62	cps
Strontium	86-1	76517	78025	77841	77461	1.06	cps
Strontium	88-1	658264	671161	674669	668031	1.29	cps
Sulfur	34-1	217262	217458	216160	216960	0.32	cps
Terbium	159-1	11581935	11637064	11684157	11634386	0.44	cps
Terbium	159-2	7957936	7855170	7919369	7910825	0.66	cps
Thallium	203-1	1003	1050	1050	1034	2.60	cps
Thallium	205-1	2387	2444	2340	2390	2.17	cps
Tin	118-1	8282	8653	8566	8500	2.28	cps
Titanium	47-1	630093	640844	650320	640419	1.58	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9680	9960	9727	9789	1.53	cps
Vanadium	51-2	219144	218332	217495	218324	0.38	cps
Yttrium	89-1	15743428	15983068	15911126	15879207	0.77	cps
Yttrium	89-2	4064333	4066289	4085460	4072028	0.29	cps
Zinc	66-2	79048	78220	79778	79015	0.99	cps
Zirconium	90-1	44614	45092	45303	45003	0.78	cps
Zirconium	91-1	9903	10274	10070	10082	1.84	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2897338	2906149	2879240	2894243	0.47	cps
Antimony	121-1	4731	5048	4584	4788	4.95	cps
Arsenic	75-2	19543	19256	20361	19720	2.91	cps
Barium	135-1	263678	266780	270064	266841	1.20	cps
Barium	137-1	461151	462864	466551	463522	0.60	cps
Beryllium	9-1	727	767	793	762	4.40	cps
Bismuth	209-1	7229839	7145072	7088068	7154326	1.00	cps
Bismuth	209-2	5648751	5645297	5688856	5660968	0.43	cps
Bromine	81-1	9633	9603	9670	9635	0.35	cps
Bromine	81-2	277	273	280	277	1.21	cps
Cadmium	108-1	133	50	97	93	44.75	cps
Cadmium	106-1	3407	3384	3300	3364	1.67	cps
Cadmium	111-1	3102	3140	2969	3070	2.92	cps
Calcium	43-1	119119	121908	123326	121451	1.76	cps
Calcium	44-1	1866156	1825755	1826457	1839456	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71589	70645	70433	70889	0.87	cps
Cobalt	59-2	84134	83333	84043	83837	0.52	cps
Copper	63-2	149885	148067	148422	148791	0.65	cps
Dysprosium	156-1	24077	24528	24291	24299	0.93	cps
Dysprosium	156-2	20619	20345	20775	20580	1.06	cps
Erbium	164-1	21046	20993	21644	21227	1.70	cps
Erbium	164-2	14511	14291	14891	14564	2.09	cps
Gadolinium	160-1	23426	23520	23787	23578	0.79	cps
Gadolinium	160-2	17151	17625	17855	17543	2.05	cps
Holmium	165-1	11596023	11493635	11645186	11578281	0.67	cps
Holmium	165-2	8025981	8077088	8187882	8096984	1.02	cps
Indium	115-1	9138057	9137574	9309991	9195207	1.08	cps
Indium	115-2	3234680	3203820	3212667	3217056	0.49	cps
Iron	56-2	112085228	110303672	110848305	111079068	0.82	cps
Iron	57-2	2749478	2719194	2753404	2740692	0.68	cps
Iron	54-2	6212441	6068633	6158770	6146615	1.18	cps
Krypton	83-1	300	293	343	312	8.69	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	158112	160678	160435	159741	0.89	cps
Lead	207-1	145688	148579	146035	146767	1.08	cps
Lead	208-1	643616	654008	652581	650068	0.87	cps
Lithium	6-1	1622196	1635106	1635931	1631078	0.47	cps
Magnesium	24-2	1773542	1772358	1768909	1771603	0.14	cps
Manganese	55-2	1724892	1721152	1712823	1719622	0.36	cps
Molybdenum	94-1	17974	18004	18358	18112	1.18	cps
Molybdenum	95-1	2067	2184	2484	2245	9.58	cps
Molybdenum	96-1	6125	6435	6395	6318	2.67	cps
Molybdenum	97-1	1340	1363	1387	1363	1.71	cps
Molybdenum	98-1	3357	3644	3681	3560	4.97	cps
Neodymium	150-1	42153	42577	43464	42731	1.57	cps
Neodymium	150-2	25303	24545	24468	24772	1.86	cps
Nickel	60-2	22387	22377	21996	22253	1.00	cps
Phosphorus	31-2	9733	9997	10173	9968	2.22	cps
Potassium	39-2	1307040	1307292	1337007	1317113	1.31	cps
Rhodium	103-1	8724830	8704899	8852049	8760593	0.91	cps
Rhodium	103-2	5541483	5517429	5631664	5563525	1.08	cps
Scandium	45-1	5822369	5796793	5878298	5832487	0.71	cps
Scandium	45-2	538685	534615	536063	536455	0.38	cps
Selenium	82-1	535	540	539	538	0.55	cps
Selenium	77-2	97	103	97	99	3.89	cps
Selenium	78-2	407	373	377	386	4.76	cps
Silicon	28-1	8914655	9080812	9066733	9020733	1.02	cps
Silver	107-1	1570	1650	1670	1630	3.25	cps
Silver	109-1	1377	1473	1517	1456	4.92	cps
Sodium	23-2	93518	94085	95007	94203	0.80	cps
Strontium	86-1	75884	78739	78890	77837	2.18	cps
Strontium	88-1	672770	683710	685298	680593	1.00	cps
Sulfur	34-1	213723	210345	210684	211584	0.88	cps
Terbium	159-1	11727964	11720659	11889728	11779450	0.81	cps
Terbium	159-2	7800229	7876726	7989482	7888812	1.21	cps
Thallium	203-1	990	850	923	921	7.60	cps
Thallium	205-1	2337	2250	2230	2272	2.50	cps
Tin	118-1	7899	8186	8329	8138	2.69	cps
Titanium	47-1	650264	660793	663122	658060	1.04	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9840	10207	9824	9957	2.18	cps
Vanadium	51-2	217383	217286	217383	217351	0.03	cps
Yttrium	89-1	15891923	15912186	15938644	15914251	0.15	cps
Yttrium	89-2	4056280	4124096	4179702	4120026	1.50	cps
Zinc	66-2	78716	77952	78625	78431	0.53	cps
Zirconium	90-1	45687	46125	46373	46062	0.75	cps
Zirconium	91-1	9687	10317	10310	10105	3.58	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	598461	594468	595972	596300	0.34	cps
Antimony	121-1	967	940	947	951	1.46	cps
Arsenic	75-2	3867	3914	3944	3908	0.99	cps
Barium	135-1	53684	53423	55327	54145	1.91	cps
Barium	137-1	94052	95253	92260	93855	1.60	cps
Beryllium	9-1	207	190	217	204	6.59	cps
Bismuth	209-1	7058202	7109254	7215396	7127617	1.13	cps
Bismuth	209-2	5655411	5663486	5651894	5656930	0.11	cps
Bromine	81-1	9370	9220	9466	9352	1.33	cps
Bromine	81-2	190	103	137	143	30.50	cps
Cadmium	108-1	17	17	13	16	12.40	cps
Cadmium	106-1	3187	2990	2874	3017	5.25	cps
Cadmium	111-1	2356	2242	2152	2250	4.54	cps
Calcium	43-1	24567	24673	24420	24553	0.52	cps
Calcium	44-1	410006	415531	413457	412998	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15561	14811	15011	15128	2.57	cps
Cobalt	59-2	17046	17167	16799	17004	1.10	cps
Copper	63-2	31233	31076	31259	31189	0.32	cps
Dysprosium	156-1	5358	5048	5271	5225	3.06	cps
Dysprosium	156-2	3924	4194	4071	4063	3.33	cps
Erbium	164-1	4167	4317	4334	4273	2.15	cps
Erbium	164-2	2787	2907	2987	2894	3.48	cps
Gadolinium	160-1	4881	4868	4861	4870	0.21	cps
Gadolinium	160-2	3741	3647	4004	3797	4.87	cps
Holmium	165-1	11351330	11287336	11776416	11471694	2.32	cps
Holmium	165-2	7957334	8130941	7831023	7973100	1.89	cps
Indium	115-1	9404227	9182243	9381041	9322504	1.31	cps
Indium	115-2	3274523	3190549	3189142	3218071	1.52	cps
Iron	56-2	22376876	22207910	22125812	22236866	0.58	cps
Iron	57-2	589361	588337	586980	588226	0.20	cps
Iron	54-2	1308370	1301346	1300793	1303503	0.32	cps
Krypton	83-1	260	257	257	258	0.75	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32211	31116	33334	32220	3.44	cps
Lead	207-1	30120	30454	29288	29954	2.00	cps
Lead	208-1	132237	131837	131824	131966	0.18	cps
Lithium	6-1	1654799	1627949	1644267	1642338	0.82	cps
Magnesium	24-2	366991	365533	368198	366907	0.36	cps
Manganese	55-2	356741	352677	356884	355434	0.67	cps
Molybdenum	94-1	3707	3891	3767	3788	2.47	cps
Molybdenum	95-1	500	547	587	544	7.97	cps
Molybdenum	96-1	1430	1523	1473	1476	3.17	cps
Molybdenum	97-1	333	313	323	323	3.09	cps
Molybdenum	98-1	773	810	840	808	4.13	cps
Neodymium	150-1	8586	8669	8753	8669	0.96	cps
Neodymium	150-2	4721	4968	5144	4944	4.30	cps
Nickel	60-2	4557	4477	4517	4517	0.89	cps
Phosphorus	31-2	2064	2027	2157	2082	3.22	cps
Potassium	39-2	335783	335854	335197	335612	0.11	cps
Rhodium	103-1	8940563	8820240	8801133	8853979	0.85	cps
Rhodium	103-2	5581047	5477707	5515710	5524821	0.95	cps
Scandium	45-1	5784601	5716381	5799554	5766845	0.77	cps
Scandium	45-2	522708	522480	518992	521394	0.40	cps
Selenium	82-1	544	541	553	546	1.18	cps
Selenium	77-2	10	17	23	17	39.99	cps
Selenium	78-2	343	320	327	330	3.64	cps
Silicon	28-1	2016972	2093337	2078685	2062998	1.96	cps
Silver	107-1	393	390	400	394	1.29	cps
Silver	109-1	263	343	283	297	14.03	cps
Sodium	23-2	62135	60629	59909	60891	1.87	cps
Strontium	86-1	16096	15982	15695	15924	1.30	cps
Strontium	88-1	135464	137792	135651	136302	0.95	cps
Sulfur	34-1	209117	210560	208202	209293	0.57	cps
Terbium	159-1	11861449	11829566	11760466	11817161	0.44	cps
Terbium	159-2	7870361	7816733	7788418	7825171	0.53	cps
Thallium	203-1	347	347	367	353	3.27	cps
Thallium	205-1	790	733	687	737	7.02	cps
Tin	118-1	3240	3360	3317	3306	1.84	cps
Titanium	47-1	128829	131051	132497	130792	1.41	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2194	2024	2144	2120	4.12	cps
Vanadium	51-2	43469	43061	42784	43105	0.80	cps
Yttrium	89-1	15584386	15571181	15869768	15675112	1.08	cps
Yttrium	89-2	4038038	3986556	3959332	3994642	1.00	cps
Zinc	66-2	16676	16342	16379	16466	1.11	cps
Zirconium	90-1	9717	9903	9560	9727	1.77	cps
Zirconium	91-1	2077	2110	2060	2082	1.22	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4415487	4389912	4319752	4375050	1.13	cps
Antimony	121-1	261850	264689	265229	263923	0.69	cps
Arsenic	75-2	34132	34427	34704	34421	0.83	cps
Barium	135-1	1592974	1619547	1630876	1614466	1.21	cps
Barium	137-1	2739871	2760083	2761005	2753653	0.43	cps
Beryllium	9-1	21275	21926	21688	21630	1.52	cps
Bismuth	209-1	7144427	6990064	7208174	7114221	1.58	cps
Bismuth	209-2	5641405	5486231	5632227	5586621	1.56	cps
Bromine	81-1	9717	10167	10377	10087	3.35	cps
Bromine	81-2	367	367	390	374	3.60	cps
Cadmium	108-1	2260	2290	2440	2330	4.14	cps
Cadmium	106-1	6532	6462	6508	6500	0.55	cps
Cadmium	111-1	36241	37221	37088	36850	1.44	cps
Calcium	43-1	176810	179356	181086	179084	1.20	cps
Calcium	44-1	2665952	2728103	2722551	2705535	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326207	323958	324691	324952	0.35	cps
Cobalt	59-2	978706	966451	969777	971645	0.65	cps
Copper	63-2	509627	505249	504912	506596	0.52	cps
Dysprosium	156-1	35284	36588	36631	36168	2.12	cps
Dysprosium	156-2	30132	30019	30380	30177	0.61	cps
Erbium	164-1	30750	31896	30931	31193	1.98	cps
Erbium	164-2	21867	21884	21417	21723	1.22	cps
Gadolinium	160-1	35248	35538	35672	35486	0.61	cps
Gadolinium	160-2	26004	25844	26519	26122	1.35	cps
Holmium	165-1	11483132	11318637	11582984	11461584	1.16	cps
Holmium	165-2	7951940	7916387	8004058	7957462	0.55	cps
Indium	115-1	9340391	9175093	9222104	9245863	0.92	cps
Indium	115-2	3213566	3165019	3168418	3182334	0.85	cps
Iron	56-2	164997994	163760588	165792424	164850335	0.62	cps
Iron	57-2	4093841	4051457	4047179	4064159	0.63	cps
Iron	54-2	9077217	9038302	9000649	9038723	0.42	cps
Krypton	83-1	363	377	367	369	1.88	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	270175	275089	276345	273870	1.19	cps
Lead	207-1	245903	248717	250427	248349	0.92	cps
Lead	208-1	1098328	1116851	1117883	1111021	0.99	cps
Lithium	6-1	1615811	1672530	1641513	1643285	1.73	cps
Magnesium	24-2	2625906	2608703	2586503	2607037	0.76	cps
Manganese	55-2	2924286	2923807	2900746	2916279	0.46	cps
Molybdenum	94-1	25459	26838	26644	26314	2.84	cps
Molybdenum	95-1	3140	3184	3160	3161	0.69	cps
Molybdenum	96-1	8956	8679	9493	9043	4.58	cps
Molybdenum	97-1	1893	1943	1840	1892	2.73	cps
Molybdenum	98-1	4854	5328	4914	5032	5.12	cps
Neodymium	150-1	63014	62946	63783	63248	0.74	cps
Neodymium	150-2	37954	37132	36210	37099	2.35	cps
Nickel	60-2	249702	248834	249423	249320	0.18	cps
Phosphorus	31-2	14811	14477	14891	14726	1.49	cps
Potassium	39-2	1929302	1893778	1906087	1909722	0.94	cps
Rhodium	103-1	8713040	8755148	8775307	8747832	0.36	cps
Rhodium	103-2	5483900	5384034	5430177	5432704	0.92	cps
Scandium	45-1	5800465	5805467	5754428	5786787	0.49	cps
Scandium	45-2	533948	533439	531750	533046	0.22	cps
Selenium	82-1	4788	4930	4765	4828	1.85	cps
Selenium	77-2	517	630	540	562	10.64	cps
Selenium	78-2	1760	1723	1803	1762	2.27	cps
Silicon	28-1	13040256	12981822	13170549	13064209	0.74	cps
Silver	107-1	130389	133396	133238	132341	1.28	cps
Silver	109-1	121897	124677	126217	124264	1.76	cps
Sodium	23-2	108821	110570	110248	109879	0.85	cps
Strontium	86-1	114041	117225	116835	116034	1.50	cps
Strontium	88-1	991933	1012364	1018291	1007530	1.37	cps
Sulfur	34-1	215830	213893	214531	214751	0.46	cps
Terbium	159-1	11602871	11657513	11589146	11616510	0.31	cps
Terbium	159-2	7827267	7962162	7879749	7889726	0.86	cps
Thallium	203-1	111250	113609	115531	113463	1.89	cps
Thallium	205-1	266211	273069	274940	271407	1.69	cps
Tin	118-1	11165	11418	11201	11261	1.22	cps
Titanium	47-1	954045	971019	981678	968914	1.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14858	14738	14895	14831	0.55	cps
Vanadium	51-2	812317	810227	803512	808685	0.57	cps
Yttrium	89-1	15855178	15989540	16039179	15961299	0.60	cps
Yttrium	89-2	4068995	4070952	4040842	4060263	0.41	cps
Zinc	66-2	211172	209566	209397	210045	0.47	cps
Zirconium	90-1	66148	67595	68757	67500	1.94	cps
Zirconium	91-1	14791	15135	15208	15044	1.48	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3283109	3235283	3282891	3267094	0.84	cps
Antimony	121-1	799805	808630	809358	805931	0.66	cps
Arsenic	75-2	37177	37260	38002	37479	1.21	cps
Barium	135-1	4363887	4445087	4398287	4402420	0.93	cps
Barium	137-1	7511707	7560975	7516699	7529794	0.36	cps
Beryllium	9-1	71553	70897	72836	71762	1.37	cps
Bismuth	209-1	6078706	6986692	7126154	6730517	8.45	cps
Bismuth	209-2	5534306	5473202	5450787	5486099	0.79	cps
Bromine	81-1	9860	9687	10180	9909	2.53	cps
Bromine	81-2	277	277	217	257	13.50	cps
Cadmium	108-1	7168	6992	6748	6970	3.03	cps
Cadmium	106-1	12282	12792	12596	12557	2.05	cps
Cadmium	111-1	106798	108282	108798	107959	0.96	cps
Calcium	43-1	122140	121733	121364	121746	0.32	cps
Calcium	44-1	1807816	1844909	1873681	1842135	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	833133	827910	834818	831954	0.43	cps
Cobalt	59-2	2943765	2917747	2950808	2937440	0.59	cps
Copper	63-2	1127634	1122939	1130017	1126863	0.32	cps
Dysprosium	156-1	25293	25169	24411	24958	1.91	cps
Dysprosium	156-2	20255	20515	20572	20447	0.83	cps
Erbium	164-1	21580	21603	21477	21553	0.31	cps
Erbium	164-2	14781	14387	14758	14642	1.51	cps
Gadolinium	160-1	24655	24592	24762	24670	0.35	cps
Gadolinium	160-2	17671	17962	18092	17908	1.20	cps
Holmium	165-1	10090065	11325347	11425504	10946972	6.79	cps
Holmium	165-2	7805097	7708448	7742742	7752096	0.63	cps
Indium	115-1	7920353	9074549	9017418	8670773	7.50	cps
Indium	115-2	3097934	3110078	3113362	3107125	0.26	cps
Iron	56-2	114292702	113430242	114915018	114212654	0.65	cps
Iron	57-2	2855651	2784424	2838814	2826296	1.32	cps
Iron	54-2	6462102	6347716	6289693	6366504	1.38	cps
Krypton	83-1	367	353	383	368	4.09	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	280607	278575	281085	280089	0.48	cps
Lead	207-1	249693	252628	248689	250337	0.82	cps
Lead	208-1	1119607	1130030	1129415	1126351	0.52	cps
Lithium	6-1	1469468	1660777	1646045	1592097	6.69	cps
Magnesium	24-2	1777758	1761890	1753476	1764375	0.70	cps
Manganese	55-2	3059648	2968117	3037206	3021657	1.58	cps
Molybdenum	94-1	17858	17924	17918	17900	0.21	cps
Molybdenum	95-1	2174	2254	2210	2212	1.81	cps
Molybdenum	96-1	6115	6331	6168	6205	1.82	cps
Molybdenum	97-1	1407	1497	1347	1417	5.33	cps
Molybdenum	98-1	3604	3487	3570	3554	1.69	cps
Neodymium	150-1	43978	45062	43962	44334	1.42	cps
Neodymium	150-2	25810	24849	25119	25259	1.96	cps
Nickel	60-2	762121	758509	755248	758626	0.45	cps
Phosphorus	31-2	10060	10023	9500	9861	3.18	cps
Potassium	39-2	1312819	1290994	1318189	1307334	1.10	cps
Rhodium	103-1	7579142	8533239	8578014	8230131	6.86	cps
Rhodium	103-2	5373033	5383841	5281203	5346026	1.05	cps
Scandium	45-1	5017222	5645302	5661025	5441183	6.75	cps
Scandium	45-2	522319	514344	516738	517801	0.79	cps
Selenium	82-1	15636	16030	15646	15771	1.42	cps
Selenium	77-2	1563	1477	1563	1535	3.26	cps
Selenium	78-2	5288	5298	5358	5314	0.71	cps
Silicon	28-1	8943079	8956598	8939346	8946341	0.10	cps
Silver	107-1	403428	410490	429406	414441	3.24	cps
Silver	109-1	383493	383566	385663	384241	0.32	cps
Sodium	23-2	90762	90608	91359	90909	0.44	cps
Strontium	86-1	78374	80438	78320	79044	1.53	cps
Strontium	88-1	682013	694446	688702	688387	0.90	cps
Sulfur	34-1	207803	208563	209462	208610	0.40	cps
Terbium	159-1	10137195	11665361	11467639	11090065	7.49	cps
Terbium	159-2	7732537	7831755	7658631	7740975	1.12	cps
Thallium	203-1	353722	356305	354868	354965	0.36	cps
Thallium	205-1	837602	848128	852923	846218	0.93	cps
Tin	118-1	8196	8356	8486	8346	1.74	cps
Titanium	47-1	653566	657746	656626	655979	0.33	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10251	10067	10151	10156	0.90	cps
Vanadium	51-2	1815911	1794132	1820138	1810060	0.77	cps
Yttrium	89-1	13624608	15598650	15612816	14945358	7.65	cps
Yttrium	89-2	3967222	3925293	3914192	3935569	0.71	cps
Zinc	66-2	404045	396892	399775	400237	0.90	cps
Zirconium	90-1	45430	46875	47209	46505	2.03	cps
Zirconium	91-1	10230	10441	10337	10336	1.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403	413	430	416	3.24	cps
Antimony	121-1	280	327	367	324	13.37	cps
Arsenic	75-2	13	13	10	12	15.73	cps
Barium	135-1	220	153	197	190	17.80	cps
Barium	137-1	317	363	253	311	17.75	cps
Beryllium	9-1	37	27	23	29	24.03	cps
Bismuth	209-1	6801466	6796929	6914558	6837651	0.97	cps
Bismuth	209-2	5422400	5414762	5410933	5416032	0.11	cps
Bromine	81-1	8853	9243	8656	8917	3.35	cps
Bromine	81-2	147	173	123	148	16.93	cps
Cadmium	108-1	3	17	20	13	66.16	cps
Cadmium	106-1	2807	2657	2620	2695	3.67	cps
Cadmium	111-1	1976	1878	1824	1893	4.08	cps
Calcium	43-1	377	353	383	371	4.24	cps
Calcium	44-1	20672	20705	20428	20602	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	907	983	1017	969	5.82	cps
Cobalt	59-2	170	200	150	173	14.52	cps
Copper	63-2	1750	1943	1807	1833	5.42	cps
Dysprosium	156-1	157	157	190	168	11.47	cps
Dysprosium	156-2	50	30	30	37	31.49	cps
Erbium	164-1	60	40	87	62	37.63	cps
Erbium	164-2	43	43	40	42	4.55	cps
Gadolinium	160-1	43	60	60	54	17.68	cps
Gadolinium	160-2	277	300	287	288	4.07	cps
Holmium	165-1	11140284	10852966	10883029	10958759	1.44	cps
Holmium	165-2	7726863	7688642	7604002	7673169	0.82	cps
Indium	115-1	8844462	8971585	8903996	8906681	0.71	cps
Indium	115-2	3153286	3096944	3117699	3122643	0.91	cps
Iron	56-2	24951	24754	25198	24967	0.89	cps
Iron	57-2	1687	2127	1917	1910	11.52	cps
Iron	54-2	2480	2550	2574	2535	1.92	cps
Krypton	83-1	300	273	233	269	12.48	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	773	713	720	736	4.47	cps
Lead	207-1	647	703	597	649	8.22	cps
Lead	208-1	3017	2913	2897	2942	2.21	cps
Lithium	6-1	1583893	1568412	1597168	1583158	0.91	cps
Magnesium	24-2	773	637	810	740	12.34	cps
Manganese	55-2	863	827	883	858	3.35	cps
Molybdenum	94-1	293	247	303	281	10.76	cps
Molybdenum	95-1	90	100	93	94	5.39	cps
Molybdenum	96-1	167	213	197	192	12.30	cps
Molybdenum	97-1	57	77	103	79	29.67	cps
Molybdenum	98-1	143	147	163	151	7.09	cps
Neodymium	150-1	17	20	20	19	10.18	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	183	243	310	246	25.80	cps
Phosphorus	31-2	170	163	143	159	8.73	cps
Potassium	39-2	66635	64827	66404	65955	1.49	cps
Rhodium	103-1	8477832	8581312	8510816	8523320	0.62	cps
Rhodium	103-2	5427142	5366928	5348540	5380870	0.76	cps
Scandium	45-1	5432667	5535222	5516639	5494843	0.99	cps
Scandium	45-2	510890	503024	507214	507043	0.78	cps
Selenium	82-1	441	465	498	468	6.09	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	313	330	373	339	9.14	cps
Silicon	28-1	287616	288584	287179	287793	0.25	cps
Silver	107-1	217	233	247	232	6.47	cps
Silver	109-1	167	207	183	186	10.83	cps
Sodium	23-2	48810	49262	48851	48974	0.51	cps
Strontium	86-1	527	443	513	494	9.05	cps
Strontium	88-1	520	627	587	578	9.33	cps
Sulfur	34-1	208367	208597	209202	208722	0.21	cps
Terbium	159-1	10979569	11242353	11107140	11109687	1.18	cps
Terbium	159-2	7766355	7524413	7578472	7623080	1.67	cps
Thallium	203-1	157	183	173	171	7.87	cps
Thallium	205-1	497	440	453	463	6.39	cps
Tin	118-1	1660	1940	1680	1760	8.88	cps
Titanium	47-1	193	227	250	223	12.75	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	23	10	17	39.99	cps
Vanadium	51-2	67	53	63	61	11.36	cps
Yttrium	89-1	14834380	15003986	14853519	14897295	0.62	cps
Yttrium	89-2	3893015	3823634	3859596	3858749	0.90	cps
Zinc	66-2	817	767	847	810	4.99	cps
Zirconium	90-1	653	707	640	667	5.29	cps
Zirconium	91-1	93	163	137	131	26.95	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11394	11204	11481	11360	1.25	cps
Antimony	121-1	42516	42416	43145	42692	0.93	cps
Arsenic	75-2	1257	1230	1187	1225	2.89	cps
Barium	135-1	52262	52921	52757	52647	0.65	cps
Barium	137-1	90599	91005	91887	91164	0.72	cps
Beryllium	9-1	3941	3951	3837	3909	1.61	cps
Bismuth	209-1	6901072	7018368	7022676	6980705	0.99	cps
Bismuth	209-2	5472078	5560092	5590353	5540841	1.11	cps
Bromine	81-1	8563	9033	8926	8840	2.79	cps
Bromine	81-2	133	123	133	130	4.44	cps
Cadmium	108-1	560	500	510	523	6.14	cps
Cadmium	106-1	3691	3634	3520	3615	2.40	cps
Cadmium	111-1	8399	8852	8722	8658	2.69	cps
Calcium	43-1	32982	33413	32632	33009	1.19	cps
Calcium	44-1	548405	553454	554935	552265	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23826	24176	24263	24088	0.96	cps
Cobalt	59-2	15782	16165	16262	16070	1.58	cps
Copper	63-2	25335	24861	24864	25020	1.09	cps
Dysprosium	156-1	177	203	147	176	16.15	cps
Dysprosium	156-2	60	57	37	51	24.69	cps
Erbium	164-1	77	70	93	80	15.02	cps
Erbium	164-2	53	60	53	56	6.93	cps
Gadolinium	160-1	80	57	47	61	27.99	cps
Gadolinium	160-2	260	233	270	254	7.45	cps
Holmium	165-1	11041347	11105684	11211522	11119518	0.77	cps
Holmium	165-2	7737996	7896848	7802314	7812386	1.02	cps
Indium	115-1	9060828	8963612	8922405	8982282	0.79	cps
Indium	115-2	3140077	3188576	3223780	3184144	1.32	cps
Iron	56-2	1776508	1799034	1779624	1785055	0.68	cps
Iron	57-2	48699	48368	49173	48747	0.83	cps
Iron	54-2	105597	107134	105214	105982	0.96	cps
Krypton	83-1	260	290	250	267	7.81	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16443	15666	15716	15942	2.73	cps
Lead	207-1	13877	14147	14595	14206	2.55	cps
Lead	208-1	63665	64140	63959	63921	0.38	cps
Lithium	6-1	1651702	1604882	1584622	1613736	2.13	cps
Magnesium	24-2	509302	509840	509035	509392	0.08	cps
Manganese	55-2	8963	8359	8576	8633	3.54	cps
Molybdenum	94-1	48052	47396	47413	47620	0.78	cps
Molybdenum	95-1	56880	57439	57218	57179	0.49	cps
Molybdenum	96-1	62710	62945	63899	63185	1.00	cps
Molybdenum	97-1	35145	35667	35119	35310	0.88	cps
Molybdenum	98-1	89797	92437	92232	91489	1.60	cps
Neodymium	150-1	20	17	7	14	48.02	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	4504	4701	4441	4549	2.98	cps
Phosphorus	31-2	133	180	157	157	14.89	cps
Potassium	39-2	670936	672805	672758	672166	0.16	cps
Rhodium	103-1	8679582	8696372	8741533	8705829	0.37	cps
Rhodium	103-2	5494199	5549431	5442126	5495252	0.98	cps
Scandium	45-1	5642429	5589904	5591039	5607791	0.54	cps
Scandium	45-2	516763	518050	519186	517999	0.23	cps
Selenium	82-1	2355	2362	2435	2384	1.87	cps
Selenium	77-2	183	157	187	176	9.37	cps
Selenium	78-2	1040	883	903	942	9.05	cps
Silicon	28-1	410866	415764	417032	414554	0.79	cps
Silver	107-1	25840	27105	27362	26769	3.04	cps
Silver	109-1	24912	25636	26695	25747	3.48	cps
Sodium	23-2	866198	868970	867238	867469	0.16	cps
Strontium	86-1	8052	8189	8012	8085	1.15	cps
Strontium	88-1	64487	65234	65635	65119	0.89	cps
Sulfur	34-1	223838	223677	226659	224725	0.75	cps
Terbium	159-1	11298158	11271288	11293989	11287812	0.13	cps
Terbium	159-2	7810237	7760759	7699208	7756735	0.72	cps
Thallium	203-1	18576	18993	18743	18771	1.12	cps
Thallium	205-1	45305	44824	45616	45248	0.88	cps
Tin	118-1	2064	1997	2064	2041	1.89	cps
Titanium	47-1	15852	16179	16195	16075	1.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57738	58257	58297	58097	0.54	cps
Vanadium	51-2	45709	45017	45639	45455	0.84	cps
Yttrium	89-1	15117529	15239061	15192633	15183074	0.40	cps
Yttrium	89-2	3956919	3928489	3930722	3938710	0.40	cps
Zinc	66-2	9840	9913	9910	9888	0.42	cps
Zirconium	90-1	40513	40633	40619	40588	0.16	cps
Zirconium	91-1	8833	9350	9043	9075	2.86	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6011	5778	5731	5840	2.57	cps
Antimony	121-1	21957	22070	22087	22038	0.32	cps
Arsenic	75-2	650	730	743	708	7.13	cps
Barium	135-1	26999	27276	27613	27296	1.13	cps
Barium	137-1	46927	46730	46780	46812	0.22	cps
Beryllium	9-1	2033	1967	2023	2008	1.79	cps
Bismuth	209-1	6906628	7106299	7077370	7030099	1.53	cps
Bismuth	209-2	5642112	5663445	5599240	5634932	0.58	cps
Bromine	81-1	9160	8966	9233	9120	1.51	cps
Bromine	81-2	137	133	113	128	9.88	cps
Cadmium	108-1	253	253	307	271	11.36	cps
Cadmium	106-1	3360	3550	3230	3380	4.76	cps
Cadmium	111-1	5782	5858	5590	5744	2.40	cps
Calcium	43-1	17206	17033	17200	17146	0.57	cps
Calcium	44-1	293194	297298	299046	296513	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12889	12502	12769	12720	1.56	cps
Cobalt	59-2	8506	8369	8663	8512	1.73	cps
Copper	63-2	14120	13877	13920	13972	0.93	cps
Dysprosium	156-1	167	187	160	171	8.11	cps
Dysprosium	156-2	33	33	37	34	5.60	cps
Erbium	164-1	60	80	47	62	26.96	cps
Erbium	164-2	40	47	60	49	20.83	cps
Gadolinium	160-1	37	70	43	50	35.28	cps
Gadolinium	160-2	260	270	333	288	13.82	cps
Holmium	165-1	11131877	11228774	11317112	11225921	0.83	cps
Holmium	165-2	8003524	7807499	7842022	7884349	1.33	cps
Indium	115-1	9113413	9215670	9367386	9232156	1.38	cps
Indium	115-2	3281435	3269052	3212453	3254313	1.13	cps
Iron	56-2	982221	983098	978762	981360	0.23	cps
Iron	57-2	26139	26086	25168	25798	2.12	cps
Iron	54-2	55227	55809	56703	55913	1.33	cps
Krypton	83-1	260	303	320	294	10.52	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8343	8803	8586	8577	2.68	cps
Lead	207-1	7526	7509	7692	7576	1.34	cps
Lead	208-1	33980	34207	33883	34023	0.49	cps
Lithium	6-1	1649517	1674641	1672123	1665427	0.83	cps
Magnesium	24-2	261219	260084	260918	260740	0.23	cps
Manganese	55-2	4734	4914	4918	4855	2.16	cps
Molybdenum	94-1	25038	24708	23899	24548	2.39	cps
Molybdenum	95-1	28742	29366	30565	29558	3.14	cps
Molybdenum	96-1	32429	32924	32820	32724	0.80	cps
Molybdenum	97-1	17978	17884	18719	18194	2.51	cps
Molybdenum	98-1	46203	47611	47310	47041	1.58	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	2437	2547	2534	2506	2.40	cps
Phosphorus	31-2	147	127	170	148	14.67	cps
Potassium	39-2	377687	378934	375818	377479	0.42	cps
Rhodium	103-1	8795870	8820485	8730216	8782190	0.53	cps
Rhodium	103-2	5584714	5462057	5499182	5515317	1.14	cps
Scandium	45-1	5662525	5767994	5696313	5708944	0.94	cps
Scandium	45-2	523753	524547	521302	523201	0.32	cps
Selenium	82-1	1455	1450	1381	1429	2.88	cps
Selenium	77-2	107	97	90	98	8.58	cps
Selenium	78-2	587	693	650	643	8.34	cps
Silicon	28-1	353309	356007	360322	356546	0.99	cps
Silver	107-1	13793	14144	14491	14143	2.47	cps
Silver	109-1	13053	13126	13376	13185	1.29	cps
Sodium	23-2	468733	462780	463377	464964	0.71	cps
Strontium	86-1	3891	4294	4211	4132	5.15	cps
Strontium	88-1	33501	33669	33779	33650	0.41	cps
Sulfur	34-1	231089	234096	236824	234003	1.23	cps
Terbium	159-1	11359709	11433578	11622061	11471783	1.18	cps
Terbium	159-2	7677164	7831736	7926372	7811758	1.61	cps
Thallium	203-1	9573	9717	9697	9662	0.80	cps
Thallium	205-1	22846	22732	23580	23053	2.00	cps
Tin	118-1	2077	1957	2067	2034	3.27	cps
Titanium	47-1	8299	8529	8302	8377	1.57	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29286	29506	28858	29217	1.13	cps
Vanadium	51-2	23455	23378	22901	23245	1.29	cps
Yttrium	89-1	15263774	15467566	15656392	15462577	1.27	cps
Yttrium	89-2	4028061	3990827	4014514	4011134	0.47	cps
Zinc	66-2	5394	5654	5411	5487	2.65	cps
Zirconium	90-1	21195	21606	21486	21429	0.99	cps
Zirconium	91-1	4717	4647	4777	4714	1.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19635644	19499927	19476001	19537191	0.44	cps
Antimony	121-1	21750	22214	22110	22025	1.11	cps
Arsenic	75-2	438934	437685	438036	438219	0.15	cps
Barium	135-1	605719	598018	605487	603075	0.73	cps
Barium	137-1	1044378	1055240	1052078	1050565	0.53	cps
Beryllium	9-1	1470	1450	1513	1478	2.19	cps
Bismuth	209-1	6770102	6816305	6911187	6832531	1.05	cps
Bismuth	209-2	5367040	5379964	5340651	5362552	0.37	cps
Bromine	81-1	10957	11398	11231	11195	1.99	cps
Bromine	81-2	580	613	733	642	12.56	cps
Cadmium	108-1	460	460	430	450	3.85	cps
Cadmium	106-1	3857	3941	3761	3853	2.34	cps
Cadmium	111-1	3098	3180	3081	3120	1.69	cps
Calcium	43-1	665153	677261	672538	671651	0.91	cps
Calcium	44-1	10056774	10074307	10150789	10093957	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1290616	1286093	1294771	1290494	0.34	cps
Cobalt	59-2	895786	896825	898905	897172	0.18	cps
Copper	63-2	34871679	34864200	34859429	34865103	0.02	cps
Dysprosium	156-1	30256	30396	30757	30470	0.85	cps
Dysprosium	156-2	23233	23430	23400	23354	0.45	cps
Erbium	164-1	37256	37664	38108	37676	1.13	cps
Erbium	164-2	25934	26255	26211	26133	0.67	cps
Gadolinium	160-1	32067	32655	32568	32430	0.98	cps
Gadolinium	160-2	23697	24017	23350	23688	1.41	cps
Holmium	165-1	11295457	11277060	11530923	11367813	1.25	cps
Holmium	165-2	7968429	7897743	7969764	7945312	0.52	cps
Indium	115-1	9075812	9095207	9203919	9124979	0.76	cps
Indium	115-2	3122786	3165151	3200519	3162819	1.23	cps
Iron	56-2	817430228	816734601	808326601	814163810	0.62	cps
Iron	57-2	19985706	20311983	20084412	20127367	0.83	cps
Iron	54-2	45078139	44760328	44448463	44762310	0.70	cps
Krypton	83-1	387	397	380	388	2.16	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91264	91160	93875	92100	1.67	cps
Lead	207-1	84058	84823	85480	84787	0.84	cps
Lead	208-1	374698	380304	382444	379149	1.06	cps
Lithium	6-1	1638963	1674866	1666702	1660177	1.13	cps
Magnesium	24-2	20909041	21015136	21065484	20996553	0.38	cps
Manganese	55-2	19918326	19937858	19606047	19820744	0.94	cps
Molybdenum	94-1	33208	34838	33953	33999	2.40	cps
Molybdenum	95-1	6972	6825	7168	6988	2.47	cps
Molybdenum	96-1	20161	20127	20147	20145	0.08	cps
Molybdenum	97-1	4021	4047	4191	4086	2.24	cps
Molybdenum	98-1	10564	10347	10417	10443	1.06	cps
Neodymium	150-1	37968	39218	39244	38810	1.88	cps
Neodymium	150-2	22588	22465	22501	22518	0.28	cps
Nickel	60-2	321938	319314	318506	319919	0.56	cps
Phosphorus	31-2	12432	12872	12475	12593	1.93	cps
Potassium	39-2	480267	479899	478198	479455	0.23	cps
Rhodium	103-1	8650369	8668739	8650001	8656370	0.12	cps
Rhodium	103-2	5370209	5363226	5475268	5402901	1.16	cps
Scandium	45-1	6672738	6724156	6727505	6708133	0.46	cps
Scandium	45-2	608810	606715	609719	608415	0.25	cps
Selenium	82-1	616	589	568	591	4.05	cps
Selenium	77-2	137	117	127	127	7.89	cps
Selenium	78-2	377	417	487	427	13.05	cps
Silicon	28-1	32493125	32971086	33025191	32829801	0.89	cps
Silver	107-1	32420	32256	31808	32161	0.98	cps
Silver	109-1	30382	29974	30178	30178	0.68	cps
Sodium	23-2	400373	402360	402470	401734	0.29	cps
Strontium	86-1	346335	348777	346145	347086	0.42	cps
Strontium	88-1	2995227	3044209	3033457	3024298	0.85	cps
Sulfur	34-1	221793	222919	223389	222700	0.37	cps
Terbium	159-1	11708116	11844588	11676102	11742935	0.76	cps
Terbium	159-2	7842496	7899502	7872107	7871368	0.36	cps
Thallium	203-1	697	833	737	756	9.30	cps
Thallium	205-1	1873	1837	1870	1860	1.09	cps
Tin	118-1	17898	18786	18175	18286	2.48	cps
Titanium	47-1	4037667	4028175	4080752	4048865	0.69	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13711	14017	13604	13777	1.56	cps
Vanadium	51-2	1989756	1989688	1947383	1975609	1.24	cps
Yttrium	89-1	16267700	16602902	16427802	16432802	1.02	cps
Yttrium	89-2	4136078	4107044	4182816	4141979	0.92	cps
Zinc	66-2	544264	545649	543050	544321	0.24	cps
Zirconium	90-1	81116	81538	81330	81328	0.26	cps
Zirconium	91-1	19233	19420	18692	19115	1.98	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13640197	13350638	13456354	13482396	1.09	cps
Antimony	121-1	10571	11144	10854	10856	2.64	cps
Arsenic	75-2	99611	100353	99131	99698	0.62	cps
Barium	135-1	1805767	1838120	1854326	1832738	1.35	cps
Barium	137-1	3142218	3208032	3115317	3155189	1.51	cps
Beryllium	9-1	3290	3350	3354	3332	1.07	cps
Bismuth	209-1	7324013	7201014	7194251	7239759	1.01	cps
Bismuth	209-2	5523838	5519863	5445481	5496394	0.80	cps
Bromine	81-1	12118	12359	12385	12287	1.20	cps
Bromine	81-2	967	913	830	903	7.63	cps
Cadmium	108-1	483	430	390	434	10.78	cps
Cadmium	106-1	4024	4034	4074	4044	0.65	cps
Cadmium	111-1	4869	5003	5139	5004	2.70	cps
Calcium	43-1	360231	368121	366398	364917	1.14	cps
Calcium	44-1	5405321	5492974	5421706	5440000	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	950561	952389	945854	949601	0.36	cps
Cobalt	59-2	658487	658593	659316	658799	0.07	cps
Copper	63-2	1100990	1092946	1097156	1097030	0.37	cps
Dysprosium	156-1	88000	89349	88125	88491	0.84	cps
Dysprosium	156-2	72047	73035	72727	72603	0.70	cps
Erbium	164-1	74997	76089	75516	75534	0.72	cps
Erbium	164-2	51521	51046	51053	51207	0.53	cps
Gadolinium	160-1	80704	81529	81851	81361	0.73	cps
Gadolinium	160-2	60995	61009	60707	60904	0.28	cps
Holmium	165-1	11499640	11703080	11765379	11656033	1.19	cps
Holmium	165-2	7980401	8132581	7926338	8013107	1.33	cps
Indium	115-1	9097128	9026491	8949713	9024444	0.82	cps
Indium	115-2	3133629	3199012	3088253	3140298	1.77	cps
Iron	56-2	776420148	773477935	777277108	775725064	0.26	cps
Iron	57-2	19143303	19290755	19169263	19201107	0.41	cps
Iron	54-2	43016524	42783521	42788066	42862704	0.31	cps
Krypton	83-1	360	397	380	379	4.85	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	307293	312791	313056	311047	1.05	cps
Lead	207-1	264131	267455	272230	267939	1.52	cps
Lead	208-1	1217084	1225785	1234520	1225796	0.71	cps
Lithium	6-1	1694366	1729582	1635246	1686398	2.83	cps
Magnesium	24-2	12326525	12366371	12262449	12318448	0.43	cps
Manganese	55-2	21673542	21430723	21478686	21527651	0.60	cps
Molybdenum	94-1	123142	124638	126343	124708	1.28	cps
Molybdenum	95-1	13376	13737	13436	13516	1.43	cps
Molybdenum	96-1	41044	41425	40700	41056	0.88	cps
Molybdenum	97-1	8439	8259	8312	8337	1.11	cps
Molybdenum	98-1	20531	20785	20705	20674	0.63	cps
Neodymium	150-1	153476	154948	154635	154353	0.50	cps
Neodymium	150-2	89254	88043	88469	88588	0.69	cps
Nickel	60-2	284924	283570	284277	284257	0.24	cps
Phosphorus	31-2	36894	36373	36400	36556	0.80	cps
Potassium	39-2	8156912	8065605	8139514	8120677	0.60	cps
Rhodium	103-1	8631052	8536958	8489043	8552351	0.84	cps
Rhodium	103-2	5416405	5479725	5287116	5394415	1.82	cps
Scandium	45-1	6414894	6408420	6320216	6381177	0.83	cps
Scandium	45-2	582347	582879	580498	581908	0.21	cps
Selenium	82-1	619	677	692	663	5.81	cps
Selenium	77-2	297	367	340	334	10.56	cps
Selenium	78-2	540	563	610	571	6.24	cps
Silicon	28-1	41503554	41775566	41689182	41656100	0.33	cps
Silver	107-1	33365	34748	34020	34044	2.03	cps
Silver	109-1	31187	32386	32216	31930	2.03	cps
Sodium	23-2	188984	188040	188090	188371	0.28	cps
Strontium	86-1	347500	352896	354708	351701	1.07	cps
Strontium	88-1	3049846	2996501	3046541	3030963	0.99	cps
Sulfur	34-1	236478	234861	233468	234936	0.64	cps
Terbium	159-1	11720227	11712961	11936107	11789765	1.08	cps
Terbium	159-2	7930578	7982929	7876163	7929890	0.67	cps
Thallium	203-1	3747	4027	4244	4006	6.22	cps
Thallium	205-1	9523	9573	9433	9510	0.75	cps
Tin	118-1	18071	18435	18615	18374	1.51	cps
Titanium	47-1	1701276	1737542	1715899	1718239	1.06	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39539	40949	40007	40165	1.79	cps
Vanadium	51-2	1592102	1537754	1565330	1565062	1.74	cps
Yttrium	89-1	16334278	16479300	16526169	16446582	0.61	cps
Yttrium	89-2	4237933	4245057	4157760	4213583	1.15	cps
Zinc	66-2	223060	221525	222097	222227	0.35	cps
Zirconium	90-1	317142	324122	321563	320943	1.10	cps
Zirconium	91-1	71409	73151	73054	72538	1.35	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20638133	20646861	20899067	20728021	0.71	cps
Antimony	121-1	14571	15355	15131	15019	2.69	cps
Arsenic	75-2	635858	639287	634245	636463	0.40	cps
Barium	135-1	843391	861419	861578	855463	1.22	cps
Barium	137-1	1464435	1495482	1493540	1484486	1.17	cps
Beryllium	9-1	2000	2124	2017	2047	3.27	cps
Bismuth	209-1	6974788	7018160	6917701	6970216	0.72	cps
Bismuth	209-2	5387228	5425272	5476178	5429559	0.82	cps
Bromine	81-1	12819	13193	13400	13137	2.24	cps
Bromine	81-2	947	940	937	941	0.54	cps
Cadmium	108-1	780	713	737	743	4.55	cps
Cadmium	106-1	4294	4131	4177	4201	2.00	cps
Cadmium	111-1	7637	7593	7609	7613	0.29	cps
Calcium	43-1	399323	408953	411794	406690	1.61	cps
Calcium	44-1	6001537	6139359	6150219	6097038	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1335536	1332838	1324585	1330986	0.43	cps
Cobalt	59-2	961368	966385	958135	961963	0.43	cps
Copper	63-2	2260866	2279669	2279303	2273279	0.47	cps
Dysprosium	156-1	48865	50290	50651	49935	1.89	cps
Dysprosium	156-2	38807	39064	39292	39054	0.62	cps
Erbium	164-1	52100	51856	53375	52443	1.56	cps
Erbium	164-2	34683	35455	35569	35235	1.37	cps
Gadolinium	160-1	50089	51337	50240	50555	1.35	cps
Gadolinium	160-2	36748	36481	37430	36886	1.33	cps
Holmium	165-1	11650867	11594497	11431166	11558843	0.99	cps
Holmium	165-2	7853842	7984156	7892330	7910109	0.85	cps
Indium	115-1	8936645	9158423	9114304	9069791	1.29	cps
Indium	115-2	3141632	3123686	3095369	3120229	0.75	cps
Iron	56-2	814034095	817627961	814781801	815481286	0.23	cps
Iron	57-2	20041813	20158429	20026234	20075492	0.36	cps
Iron	54-2	44718278	44785156	44830703	44778045	0.13	cps
Krypton	83-1	357	413	407	392	7.90	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	538668	548977	546796	544814	1.00	cps
Lead	207-1	469454	480742	481347	477181	1.40	cps
Lead	208-1	2151237	2184830	2182021	2172696	0.86	cps
Lithium	6-1	1637131	1618532	1635064	1630242	0.63	cps
Magnesium	24-2	23378063	23229612	23420550	23342742	0.43	cps
Manganese	55-2	14572818	14656533	14600661	14610004	0.29	cps
Molybdenum	94-1	51544	52156	52163	51954	0.68	cps
Molybdenum	95-1	7672	8162	8059	7964	3.24	cps
Molybdenum	96-1	23592	23976	24327	23965	1.53	cps
Molybdenum	97-1	4754	5088	4591	4811	5.26	cps
Molybdenum	98-1	12102	12098	12182	12127	0.39	cps
Neodymium	150-1	71825	73460	73242	72843	1.22	cps
Neodymium	150-2	41223	41307	41531	41354	0.38	cps
Nickel	60-2	342940	342045	341532	342172	0.21	cps
Phosphorus	31-2	31883	31883	31563	31776	0.58	cps
Potassium	39-2	5555635	5607113	5550034	5570927	0.56	cps
Rhodium	103-1	8531783	8623911	8578487	8578060	0.54	cps
Rhodium	103-2	5360050	5384508	5411580	5385379	0.48	cps
Scandium	45-1	6627557	6674097	6647289	6649648	0.35	cps
Scandium	45-2	610501	610984	611339	610941	0.07	cps
Selenium	82-1	736	594	633	654	11.21	cps
Selenium	77-2	193	153	233	193	20.69	cps
Selenium	78-2	490	487	523	500	4.06	cps
Silicon	28-1	37235540	37983067	38056928	37758512	1.20	cps
Silver	107-1	38006	39483	38384	38625	1.99	cps
Silver	109-1	35336	36476	36242	36018	1.67	cps
Sodium	23-2	212644	211959	214996	213199	0.75	cps
Strontium	86-1	236597	240347	240130	239025	0.88	cps
Strontium	88-1	2020403	2090267	2074470	2061713	1.78	cps
Sulfur	34-1	236357	238035	235413	236602	0.56	cps
Terbium	159-1	11873054	11840438	11926793	11880095	0.37	cps
Terbium	159-2	7684262	7779762	7844956	7769660	1.04	cps
Thallium	203-1	2214	2214	2367	2265	3.91	cps
Thallium	205-1	5171	5531	5521	5408	3.79	cps
Tin	118-1	24234	24234	24678	24382	1.05	cps
Titanium	47-1	2495126	2602265	2611587	2569660	2.52	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21975	22088	22452	22172	1.13	cps
Vanadium	51-2	2018166	1981566	2027632	2009121	1.21	cps
Yttrium	89-1	16361616	16570592	16511464	16481224	0.65	cps
Yttrium	89-2	4170867	4168046	4132247	4157053	0.52	cps
Zinc	66-2	294721	296178	296468	295789	0.32	cps
Zirconium	90-1	127622	130839	131297	129919	1.54	cps
Zirconium	91-1	28935	30325	30061	29774	2.48	cps

1300

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5826761	5858150	5817255	5834055	0.37	cps
Antimony	121-1	9623	9453	9630	9569	1.05	cps
Arsenic	75-2	299762	298636	298266	298888	0.26	cps
Barium	135-1	1803338	1762233	1758073	1774548	1.41	cps
Barium	137-1	3002169	3099177	3023045	3041464	1.68	cps
Beryllium	9-1	1310	1387	1327	1341	3.01	cps
Bismuth	209-1	6953352	6819655	6920802	6897936	1.01	cps
Bismuth	209-2	5438821	5319048	5452203	5403357	1.36	cps
Bromine	81-1	9987	10677	10290	10318	3.35	cps
Bromine	81-2	427	440	420	429	2.37	cps
Cadmium	108-1	240	223	223	229	4.20	cps
Cadmium	106-1	3454	3404	3527	3462	1.79	cps
Cadmium	111-1	3346	3320	3369	3345	0.74	cps
Calcium	43-1	211868	216079	216450	214799	1.18	cps
Calcium	44-1	3195925	3292224	3297938	3262029	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	276991	279811	279599	278800	0.56	cps
Cobalt	59-2	321846	321112	320669	321209	0.19	cps
Copper	63-2	541303	545050	545620	543991	0.43	cps
Dysprosium	156-1	39378	39646	40024	39683	0.82	cps
Dysprosium	156-2	33206	33206	33858	33423	1.13	cps
Erbium	164-1	32141	33373	32772	32762	1.88	cps
Erbium	164-2	22565	22575	22542	22560	0.08	cps
Gadolinium	160-1	36006	37132	37089	36743	1.74	cps
Gadolinium	160-2	26889	26388	26625	26634	0.94	cps
Holmium	165-1	11158775	11421654	11467939	11349456	1.47	cps
Holmium	165-2	7707876	7612676	7766094	7695549	1.01	cps
Indium	115-1	9089698	9054570	9183030	9109100	0.73	cps
Indium	115-2	3163971	3082602	3124290	3123621	1.30	cps
Iron	56-2	254125030	254500870	252570363	253732087	0.40	cps
Iron	57-2	6288718	6165725	6253067	6235837	1.01	cps
Iron	54-2	13894580	13930879	13891340	13905600	0.16	cps
Krypton	83-1	253	327	330	303	14.29	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	231447	236004	237302	234918	1.31	cps
Lead	207-1	190585	188763	190792	190047	0.59	cps
Lead	208-1	878605	894022	892273	888300	0.95	cps
Lithium	6-1	1596536	1578258	1600918	1591904	0.76	cps
Magnesium	24-2	5292140	5267910	5255183	5271744	0.36	cps
Manganese	55-2	15963674	15989536	15912646	15955285	0.25	cps
Molybdenum	94-1	44624	45337	44537	44833	0.98	cps
Molybdenum	95-1	11374	11441	11788	11535	1.93	cps
Molybdenum	96-1	20504	20958	21065	20843	1.43	cps
Molybdenum	97-1	6928	6758	6988	6892	1.73	cps
Molybdenum	98-1	17471	18251	18488	18070	2.95	cps
Neodymium	150-1	74713	76013	75849	75525	0.94	cps
Neodymium	150-2	43286	43898	43366	43517	0.76	cps
Nickel	60-2	83916	83917	82539	83457	0.95	cps
Phosphorus	31-2	17400	17030	17707	17379	1.95	cps
Potassium	39-2	2404531	2392559	2358290	2385127	1.01	cps
Rhodium	103-1	8601226	8505079	8652738	8586348	0.87	cps
Rhodium	103-2	5329802	5380841	5375507	5362050	0.52	cps
Scandium	45-1	5763201	5732469	5823181	5772950	0.80	cps
Scandium	45-2	538001	534528	534980	535836	0.35	cps
Selenium	82-1	613	542	498	551	10.52	cps
Selenium	77-2	147	157	147	150	3.85	cps
Selenium	78-2	467	480	467	471	1.63	cps
Silicon	28-1	28849245	29091332	29207868	29049482	0.63	cps
Silver	107-1	32403	33425	33138	32989	1.60	cps
Silver	109-1	31117	31838	31655	31537	1.19	cps
Sodium	23-2	153779	153688	156878	154782	1.17	cps
Strontium	86-1	281263	287528	290622	286471	1.66	cps
Strontium	88-1	2445107	2507762	2522910	2491926	1.66	cps
Sulfur	34-1	225818	220045	214078	219980	2.67	cps
Terbium	159-1	11546709	11474005	11612260	11544325	0.60	cps
Terbium	159-2	7807176	7810499	7654087	7757254	1.15	cps
Thallium	203-1	6625	7032	6755	6804	3.05	cps
Thallium	205-1	16086	16393	16597	16359	1.57	cps
Tin	118-1	28986	29467	30091	29515	1.88	cps
Titanium	47-1	1262585	1275938	1287686	1275403	0.98	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28270	28805	28577	28551	0.94	cps
Vanadium	51-2	602560	608372	607123	606018	0.50	cps
Yttrium	89-1	15922326	16015036	16047803	15995055	0.41	cps
Yttrium	89-2	4045211	4085200	4053394	4061268	0.52	cps
Zinc	66-2	107470	106584	107003	107019	0.41	cps
Zirconium	90-1	105150	109526	108309	107662	2.10	cps
Zirconium	91-1	23499	23689	24270	23819	1.69	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5396827	5355129	5325510	5359155	0.67	cps
Antimony	121-1	4711	4834	4581	4709	2.69	cps
Arsenic	75-2	47021	46526	46365	46637	0.73	cps
Barium	135-1	224019	225596	226085	225233	0.48	cps
Barium	137-1	383610	393498	394104	390404	1.51	cps
Beryllium	9-1	553	553	563	557	1.04	cps
Bismuth	209-1	6862049	7042906	7046173	6983709	1.51	cps
Bismuth	209-2	5459133	5574744	5616056	5549978	1.47	cps
Bromine	81-1	9940	9950	9443	9778	2.96	cps
Bromine	81-2	287	333	287	302	8.92	cps
Cadmium	108-1	190	180	190	187	3.09	cps
Cadmium	106-1	3590	3464	3297	3450	4.26	cps
Cadmium	111-1	3674	3725	3475	3625	3.65	cps
Calcium	43-1	105480	106862	107091	106478	0.82	cps
Calcium	44-1	1579483	1601901	1607012	1596132	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350939	352499	351428	351622	0.23	cps
Cobalt	59-2	255331	255324	254025	254893	0.29	cps
Copper	63-2	604281	606414	601468	604054	0.41	cps
Dysprosium	156-1	13069	13063	12973	13035	0.41	cps
Dysprosium	156-2	9947	10234	10491	10224	2.66	cps
Erbium	164-1	13437	13834	13860	13710	1.73	cps
Erbium	164-2	8823	9410	9190	9141	3.24	cps
Gadolinium	160-1	12973	13276	13160	13136	1.17	cps
Gadolinium	160-2	9657	9490	9797	9648	1.59	cps
Holmium	165-1	11416545	11422015	11484294	11440951	0.33	cps
Holmium	165-2	7820843	7871551	7984709	7892368	1.06	cps
Indium	115-1	9127826	9235159	9247294	9203426	0.71	cps
Indium	115-2	3175469	3188111	3159201	3174261	0.46	cps
Iron	56-2	213447823	217141923	214291063	214960270	0.90	cps
Iron	57-2	5233801	5280293	5199652	5237915	0.77	cps
Iron	54-2	11890587	11735354	11690278	11772073	0.89	cps
Krypton	83-1	363	327	313	334	7.74	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	142455	145132	142203	143264	1.13	cps
Lead	207-1	125423	126855	125675	125985	0.61	cps
Lead	208-1	569869	574007	573395	572424	0.39	cps
Lithium	6-1	1586604	1620471	1555608	1587561	2.04	cps
Magnesium	24-2	6031070	6044825	6012539	6029478	0.27	cps
Manganese	55-2	3866247	3929579	3908144	3901323	0.83	cps
Molybdenum	94-1	12602	13199	12949	12917	2.32	cps
Molybdenum	95-1	2177	2177	2127	2160	1.34	cps
Molybdenum	96-1	6478	6368	6525	6457	1.25	cps
Molybdenum	97-1	1323	1337	1320	1327	0.67	cps
Molybdenum	98-1	3254	3200	3437	3297	3.77	cps
Neodymium	150-1	19173	18502	18666	18780	1.86	cps
Neodymium	150-2	10644	11014	10728	10795	1.80	cps
Nickel	60-2	91701	90836	92593	91710	0.96	cps
Phosphorus	31-2	8466	8372	8539	8459	0.99	cps
Potassium	39-2	1504566	1530060	1503945	1512857	0.99	cps
Rhodium	103-1	8735112	8742235	8781939	8753095	0.29	cps
Rhodium	103-2	5489111	5444424	5538044	5490526	0.85	cps
Scandium	45-1	5982408	5973243	6049465	6001706	0.69	cps
Scandium	45-2	550997	549004	552318	550773	0.30	cps
Selenium	82-1	392	518	545	485	16.78	cps
Selenium	77-2	57	43	47	49	14.20	cps
Selenium	78-2	373	363	363	367	1.57	cps
Silicon	28-1	8596140	8701596	8703689	8667142	0.71	cps
Silver	107-1	1843	1883	1857	1861	1.09	cps
Silver	109-1	1710	1747	1733	1730	1.07	cps
Sodium	23-2	96674	95789	96077	96180	0.47	cps
Strontium	86-1	62154	62951	62924	62676	0.72	cps
Strontium	88-1	539572	548976	549234	545928	1.01	cps
Sulfur	34-1	224414	221880	219751	222015	1.05	cps
Terbium	159-1	11581409	11617837	11664742	11621329	0.36	cps
Terbium	159-2	7959270	7752310	7826554	7846044	1.34	cps
Thallium	203-1	603	620	657	627	4.35	cps
Thallium	205-1	1513	1553	1570	1546	1.88	cps
Tin	118-1	7886	8139	7972	7999	1.61	cps
Titanium	47-1	665973	674067	676226	672089	0.80	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5568	5721	5705	5665	1.49	cps
Vanadium	51-2	543104	545865	545344	544771	0.27	cps
Yttrium	89-1	15898004	15884146	15821710	15867953	0.26	cps
Yttrium	89-2	4040712	4038511	4062491	4047238	0.33	cps
Zinc	66-2	79510	79668	79912	79697	0.25	cps
Zirconium	90-1	31814	32122	32439	32125	0.97	cps
Zirconium	91-1	7185	7345	7005	7178	2.37	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5154999	5207469	5157273	5173247	0.57	cps
Antimony	121-1	4314	4481	4721	4505	4.54	cps
Arsenic	75-2	43945	44376	43898	44073	0.60	cps
Barium	135-1	217531	219323	219700	218852	0.53	cps
Barium	137-1	373689	380965	376091	376915	0.98	cps
Beryllium	9-1	480	523	577	527	9.19	cps
Bismuth	209-1	6984507	7065049	7249943	7099833	1.92	cps
Bismuth	209-2	5643278	5442817	5549978	5545357	1.81	cps
Bromine	81-1	10080	9897	10160	10046	1.34	cps
Bromine	81-2	333	327	257	306	13.90	cps
Cadmium	108-1	160	170	170	167	3.46	cps
Cadmium	106-1	3207	3447	3170	3275	4.59	cps
Cadmium	111-1	3486	3641	3507	3545	2.36	cps
Calcium	43-1	101929	104875	102734	103179	1.48	cps
Calcium	44-1	1576916	1597401	1599478	1591265	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	339438	336543	334142	336708	0.79	cps
Cobalt	59-2	250419	247669	243789	247292	1.35	cps
Copper	63-2	589071	581514	585571	585386	0.65	cps
Dysprosium	156-1	12349	12846	12569	12588	1.98	cps
Dysprosium	156-2	9854	10004	9667	9841	1.72	cps
Erbium	164-1	13503	13597	12853	13318	3.04	cps
Erbium	164-2	8820	9203	9113	9045	2.22	cps
Gadolinium	160-1	12469	13190	13080	12913	3.01	cps
Gadolinium	160-2	9613	9447	9400	9487	1.18	cps
Holmium	165-1	11351159	11383604	11410216	11381659	0.26	cps
Holmium	165-2	7888326	7809482	7937089	7878299	0.82	cps
Indium	115-1	9218282	9270155	9311028	9266488	0.50	cps
Indium	115-2	3209822	3192607	3198270	3200233	0.27	cps
Iron	56-2	206484470	204792770	204439777	205239006	0.53	cps
Iron	57-2	5163740	5074695	4986356	5074930	1.75	cps
Iron	54-2	11398782	11384222	11197392	11326799	0.99	cps
Krypton	83-1	257	327	313	299	12.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	137215	141674	139232	139373	1.60	cps
Lead	207-1	122332	123838	124380	123517	0.86	cps
Lead	208-1	551445	563854	561784	559028	1.19	cps
Lithium	6-1	1621317	1615253	1628710	1621760	0.42	cps
Magnesium	24-2	5832947	5795209	5754205	5794120	0.68	cps
Manganese	55-2	3720980	3716260	3667523	3701588	0.80	cps
Molybdenum	94-1	12636	13416	13006	13019	3.00	cps
Molybdenum	95-1	2230	2220	2017	2156	5.59	cps
Molybdenum	96-1	6425	6101	6365	6297	2.73	cps
Molybdenum	97-1	1213	1323	1293	1277	4.45	cps
Molybdenum	98-1	3197	3304	3160	3220	2.31	cps
Neodymium	150-1	18075	18612	18232	18306	1.51	cps
Neodymium	150-2	10434	10577	10781	10597	1.65	cps
Nickel	60-2	87610	86581	88395	87529	1.04	cps
Phosphorus	31-2	8342	7952	7875	8057	3.11	cps
Potassium	39-2	1457589	1438418	1423340	1439782	1.19	cps
Rhodium	103-1	8710443	8738199	8858049	8768897	0.89	cps
Rhodium	103-2	5466829	5550975	5516587	5511463	0.77	cps
Scandium	45-1	6044981	5950653	6045345	6013660	0.91	cps
Scandium	45-2	554161	545067	547516	548914	0.86	cps
Selenium	82-1	606	509	527	548	9.43	cps
Selenium	77-2	33	37	53	41	26.06	cps
Selenium	78-2	443	320	340	368	18.00	cps
Silicon	28-1	9317668	9319588	9809859	9482372	2.99	cps
Silver	107-1	1937	1700	1837	1825	6.51	cps
Silver	109-1	1537	1610	1573	1573	2.33	cps
Sodium	23-2	92871	92368	93300	92846	0.50	cps
Strontium	86-1	59881	61233	62529	61214	2.16	cps
Strontium	88-1	524583	536049	535411	532014	1.21	cps
Sulfur	34-1	222559	220095	221481	221379	0.56	cps
Terbium	159-1	11728565	11703610	11740883	11724352	0.16	cps
Terbium	159-2	7864483	7846401	7752516	7821134	0.77	cps
Thallium	203-1	643	667	590	633	6.21	cps
Thallium	205-1	1367	1513	1433	1438	5.11	cps
Tin	118-1	7745	7782	7846	7791	0.65	cps
Titanium	47-1	674690	684618	692551	683953	1.31	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5495	5508	5541	5515	0.44	cps
Vanadium	51-2	524070	523254	518995	522106	0.52	cps
Yttrium	89-1	15898688	16035055	15906285	15946676	0.48	cps
Yttrium	89-2	4132834	4032560	3986279	4050558	1.85	cps
Zinc	66-2	78565	77871	76615	77684	1.27	cps
Zirconium	90-1	31684	32349	34747	32927	4.89	cps
Zirconium	91-1	7299	7188	7389	7292	1.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1108962	1105410	1100936	1105103	0.36	cps
Antimony	121-1	957	960	927	948	1.94	cps
Arsenic	75-2	9466	9236	8929	9211	2.92	cps
Barium	135-1	43623	44369	44539	44177	1.10	cps
Barium	137-1	77758	78663	76997	77806	1.07	cps
Beryllium	9-1	90	140	130	120	22.05	cps
Bismuth	209-1	6929543	6981344	7308800	7073229	2.91	cps
Bismuth	209-2	5563131	5504420	5582278	5549943	0.73	cps
Bromine	81-1	8999	8989	9580	9190	3.68	cps
Bromine	81-2	200	140	130	157	24.17	cps
Cadmium	108-1	37	53	43	44	18.87	cps
Cadmium	106-1	3110	3114	3087	3104	0.47	cps
Cadmium	111-1	2452	2369	2407	2409	1.72	cps
Calcium	43-1	21038	21115	20888	21014	0.55	cps
Calcium	44-1	353099	358189	366655	359315	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70859	69352	69338	69850	1.25	cps
Cobalt	59-2	50310	50414	51006	50577	0.74	cps
Copper	63-2	121585	120379	120769	120911	0.51	cps
Dysprosium	156-1	2564	2584	2780	2643	4.53	cps
Dysprosium	156-2	2074	1973	1953	2000	3.21	cps
Erbium	164-1	2674	2727	2794	2731	2.20	cps
Erbium	164-2	1883	1810	1830	1841	2.06	cps
Gadolinium	160-1	2590	2784	2640	2671	3.76	cps
Gadolinium	160-2	2054	2177	2177	2136	3.33	cps
Holmium	165-1	11414982	11260114	11212246	11295781	0.94	cps
Holmium	165-2	7912041	7743810	7816021	7823957	1.08	cps
Indium	115-1	9167181	9131081	9244218	9180827	0.63	cps
Indium	115-2	3199449	3133898	3161001	3164783	1.04	cps
Iron	56-2	42244172	42104772	41761169	42036704	0.59	cps
Iron	57-2	1112142	1103660	1107049	1107617	0.39	cps
Iron	54-2	2332320	2338649	2376438	2349136	1.02	cps
Krypton	83-1	270	300	307	292	6.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	28163	28657	28704	28508	1.05	cps
Lead	207-1	25698	25838	25464	25667	0.74	cps
Lead	208-1	113922	115367	116292	115194	1.04	cps
Lithium	6-1	1624810	1603061	1690958	1639610	2.79	cps
Magnesium	24-2	1200913	1179079	1202679	1194224	1.10	cps
Manganese	55-2	798352	786594	789225	791390	0.78	cps
Molybdenum	94-1	2717	2440	2670	2609	5.68	cps
Molybdenum	95-1	490	433	600	508	16.69	cps
Molybdenum	96-1	1503	1350	1497	1450	5.98	cps
Molybdenum	97-1	357	303	350	337	8.63	cps
Molybdenum	98-1	777	797	880	818	6.70	cps
Neodymium	150-1	3781	3787	3924	3831	2.11	cps
Neodymium	150-2	2184	2137	2060	2127	2.93	cps
Nickel	60-2	18658	18241	18181	18360	1.42	cps
Phosphorus	31-2	1903	1873	1837	1871	1.78	cps
Potassium	39-2	374476	370572	370167	371739	0.64	cps
Rhodium	103-1	8843575	8838925	8813801	8832100	0.18	cps
Rhodium	103-2	5528921	5444283	5435845	5469683	0.94	cps
Scandium	45-1	5713816	5749271	5795700	5752929	0.71	cps
Scandium	45-2	524715	521091	522814	522874	0.35	cps
Selenium	82-1	574	537	537	549	3.96	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	393	297	333	341	14.31	cps
Silicon	28-1	1991827	1995147	2044169	2010381	1.46	cps
Silver	107-1	403	340	470	404	16.07	cps
Silver	109-1	313	370	353	346	8.43	cps
Sodium	23-2	58594	58825	58256	58559	0.49	cps
Strontium	86-1	12162	12949	12939	12683	3.56	cps
Strontium	88-1	106290	108641	109081	108004	1.39	cps
Sulfur	34-1	222466	221327	220802	221531	0.38	cps
Terbium	159-1	12012905	11629967	11525416	11722763	2.19	cps
Terbium	159-2	7769753	7800998	7807946	7792899	0.26	cps
Thallium	203-1	217	210	243	223	7.90	cps
Thallium	205-1	563	460	550	524	10.72	cps
Tin	118-1	3240	3337	2954	3177	6.28	cps
Titanium	47-1	132056	134985	132540	133194	1.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1133	1160	1023	1106	6.55	cps
Vanadium	51-2	106486	106150	104689	105775	0.90	cps
Yttrium	89-1	15576789	15451117	15984404	15670770	1.78	cps
Yttrium	89-2	3946616	3964630	3959006	3956751	0.23	cps
Zinc	66-2	16666	16966	16906	16846	0.94	cps
Zirconium	90-1	6782	6702	6888	6791	1.38	cps
Zirconium	91-1	1497	1537	1613	1549	3.83	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5415715	5403050	5362537	5393767	0.52	cps
Antimony	121-1	174643	177147	175349	175713	0.73	cps
Arsenic	75-2	48863	49683	48623	49056	1.13	cps
Barium	135-1	1098806	1112419	1109211	1106812	0.64	cps
Barium	137-1	1990114	2012514	1989354	1997328	0.66	cps
Beryllium	9-1	16159	16469	17046	16558	2.72	cps
Bismuth	209-1	7161597	7162492	7060825	7128304	0.82	cps
Bismuth	209-2	5555389	5487271	5467458	5503373	0.84	cps
Bromine	81-1	9610	9917	9870	9799	1.69	cps
Bromine	81-2	290	353	287	310	12.12	cps
Cadmium	108-1	1727	1730	1773	1743	1.49	cps
Cadmium	106-1	5364	5344	5411	5373	0.64	cps
Cadmium	111-1	25177	25685	26389	25751	2.36	cps
Calcium	43-1	102258	106181	105084	104508	1.94	cps
Calcium	44-1	1572408	1577356	1581740	1577168	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511732	515365	510765	512621	0.47	cps
Cobalt	59-2	905626	903449	903898	904324	0.13	cps
Copper	63-2	815704	813506	806377	811862	0.60	cps
Dysprosium	156-1	12546	13013	13073	12877	2.24	cps
Dysprosium	156-2	10250	9890	10327	10156	2.30	cps
Erbium	164-1	13326	13587	13450	13454	0.97	cps
Erbium	164-2	9156	9243	9033	9144	1.15	cps
Gadolinium	160-1	13016	12863	13126	13002	1.02	cps
Gadolinium	160-2	9577	9500	9690	9589	1.00	cps
Holmium	165-1	11424875	11399579	11565198	11463217	0.78	cps
Holmium	165-2	7977846	7854185	7855691	7895907	0.90	cps
Indium	115-1	9239251	9196288	9141568	9192369	0.53	cps
Indium	115-2	3246136	3183390	3145694	3191740	1.59	cps
Iron	56-2	210799710	208512630	209621537	209644626	0.55	cps
Iron	57-2	5126539	5187921	5140263	5151575	0.63	cps
Iron	54-2	11527650	11477037	11529811	11511499	0.26	cps
Krypton	83-1	310	293	320	308	4.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	164695	166520	166510	165908	0.63	cps
Lead	207-1	143664	148896	146726	146429	1.80	cps
Lead	208-1	655692	668936	669316	664648	1.17	cps
Lithium	6-1	1638106	1643292	1653224	1644874	0.47	cps
Magnesium	24-2	5862291	5896685	5877061	5878679	0.29	cps
Manganese	55-2	4071859	3997121	4024484	4031155	0.94	cps
Molybdenum	94-1	12792	13153	12609	12851	2.15	cps
Molybdenum	95-1	2300	2064	2364	2242	7.05	cps
Molybdenum	96-1	6185	6498	6321	6335	2.48	cps
Molybdenum	97-1	1320	1397	1107	1275	11.79	cps
Molybdenum	98-1	3410	3340	3350	3367	1.12	cps
Neodymium	150-1	18412	18699	18773	18628	1.02	cps
Neodymium	150-2	10621	10744	10784	10716	0.80	cps
Nickel	60-2	256050	257791	254074	255972	0.73	cps
Phosphorus	31-2	8366	8116	8099	8193	1.82	cps
Potassium	39-2	1468861	1456512	1446076	1457150	0.78	cps
Rhodium	103-1	8785711	8862418	8648229	8765453	1.24	cps
Rhodium	103-2	5424563	5458951	5428581	5437365	0.35	cps
Scandium	45-1	5921434	5988252	5937367	5949018	0.59	cps
Scandium	45-2	544720	539562	541053	541778	0.49	cps
Selenium	82-1	3992	4063	4150	4068	1.94	cps
Selenium	77-2	397	307	350	351	12.82	cps
Selenium	78-2	1463	1433	1440	1446	1.09	cps
Silicon	28-1	8854114	9150951	9027150	9010739	1.65	cps
Silver	107-1	99424	102314	101773	101170	1.52	cps
Silver	109-1	93868	96971	96227	95689	1.69	cps
Sodium	23-2	89196	89086	89149	89144	0.06	cps
Strontium	86-1	61668	62803	62512	62328	0.95	cps
Strontium	88-1	526507	537471	539191	534390	1.29	cps
Sulfur	34-1	225888	223013	223009	223970	0.74	cps
Terbium	159-1	11878368	11785215	11504949	11722844	1.66	cps
Terbium	159-2	7976413	7756873	7727036	7820107	1.74	cps
Thallium	203-1	74757	74690	75839	75095	0.86	cps
Thallium	205-1	178863	181062	181578	180501	0.80	cps
Tin	118-1	7402	7632	7652	7562	1.84	cps
Titanium	47-1	668262	678213	678706	675061	0.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5675	5575	5451	5567	2.01	cps
Vanadium	51-2	907021	909831	906699	907850	0.19	cps
Yttrium	89-1	15768321	15844501	15694441	15769087	0.48	cps
Yttrium	89-2	4027768	3986768	4011025	4008520	0.51	cps
Zinc	66-2	150096	148601	149510	149402	0.50	cps
Zirconium	90-1	31851	31664	31785	31767	0.30	cps
Zirconium	91-1	6688	7272	6998	6986	4.18	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726655	5674593	5690554	5697267	0.47	cps
Antimony	121-1	835221	846003	845460	842228	0.72	cps
Arsenic	75-2	64821	64011	64218	64350	0.65	cps
Barium	135-1	4381852	4448090	4463585	4431176	0.98	cps
Barium	137-1	7503636	7601031	7662681	7589116	1.06	cps
Beryllium	9-1	71768	73432	74183	73127	1.69	cps
Bismuth	209-1	7154687	6930375	7069129	7051397	1.61	cps
Bismuth	209-2	5512516	5532766	5456220	5500501	0.72	cps
Bromine	81-1	9970	10220	9857	10016	1.86	cps
Bromine	81-2	287	283	283	284	0.68	cps
Cadmium	108-1	7425	7319	7315	7353	0.85	cps
Cadmium	106-1	13490	13179	13743	13471	2.10	cps
Cadmium	111-1	112681	114150	113358	113396	0.65	cps
Calcium	43-1	103016	105043	104869	104309	1.08	cps
Calcium	44-1	1582072	1610920	1576627	1589873	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1120725	1112674	1112811	1115403	0.41	cps
Cobalt	59-2	3120222	3144742	3089482	3118149	0.89	cps
Copper	63-2	1572145	1570135	1549511	1563930	0.80	cps
Dysprosium	156-1	13296	13023	13086	13135	1.09	cps
Dysprosium	156-2	10394	10684	10074	10384	2.94	cps
Erbium	164-1	13570	13837	14017	13808	1.63	cps
Erbium	164-2	9233	9043	9383	9220	1.85	cps
Gadolinium	160-1	13150	13690	12889	13243	3.08	cps
Gadolinium	160-2	9950	9834	9817	9867	0.74	cps
Holmium	165-1	11438562	11313776	11438410	11396916	0.63	cps
Holmium	165-2	7910992	7845930	7882722	7879882	0.41	cps
Indium	115-1	9086596	9191031	9053085	9110237	0.79	cps
Indium	115-2	3149485	3116937	3132034	3132819	0.52	cps
Iron	56-2	213763510	212051777	211630337	212481875	0.53	cps
Iron	57-2	5248997	5235718	5231869	5238861	0.17	cps
Iron	54-2	12000151	11702113	11711074	11804446	1.44	cps
Krypton	83-1	307	343	293	314	8.23	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	261555	263161	268178	264298	1.31	cps
Lead	207-1	229269	233279	232352	231633	0.91	cps
Lead	208-1	1046440	1053327	1062823	1054197	0.78	cps
Lithium	6-1	1612725	1671030	1631431	1638396	1.82	cps
Magnesium	24-2	5978263	5939953	6021857	5980024	0.69	cps
Manganese	55-2	5123166	5022085	5075110	5073453	1.00	cps
Molybdenum	94-1	13066	13129	13169	13122	0.40	cps
Molybdenum	95-1	2013	2320	2154	2162	7.10	cps
Molybdenum	96-1	6315	6778	6708	6600	3.79	cps
Molybdenum	97-1	1253	1260	1327	1280	3.17	cps
Molybdenum	98-1	3460	3217	3354	3344	3.65	cps
Neodymium	150-1	18365	19196	18749	18770	2.22	cps
Neodymium	150-2	10888	10527	10851	10755	1.84	cps
Nickel	60-2	837031	829790	831488	832770	0.45	cps
Phosphorus	31-2	8489	8159	8276	8308	2.02	cps
Potassium	39-2	1482195	1463314	1463526	1469679	0.74	cps
Rhodium	103-1	8642176	8677037	8633122	8650778	0.27	cps
Rhodium	103-2	5482146	5376156	5402263	5420188	1.02	cps
Scandium	45-1	5858959	5884549	5881115	5874874	0.24	cps
Scandium	45-2	537167	535165	536081	536138	0.19	cps
Selenium	82-1	15030	15180	15235	15148	0.70	cps
Selenium	77-2	1427	1457	1443	1442	1.04	cps
Selenium	78-2	5088	4727	4861	4892	3.72	cps
Silicon	28-1	9031083	9147432	9105209	9094575	0.65	cps
Silver	107-1	389055	402033	400284	397124	1.77	cps
Silver	109-1	365237	373886	383719	374281	2.47	cps
Sodium	23-2	87211	88328	88375	87972	0.75	cps
Strontium	86-1	61471	62328	62806	62202	1.09	cps
Strontium	88-1	537118	541952	544237	541102	0.67	cps
Sulfur	34-1	224117	222323	220768	222403	0.75	cps
Terbium	159-1	11736451	11682316	11849958	11756242	0.73	cps
Terbium	159-2	7822423	7670085	7807063	7766524	1.08	cps
Thallium	203-1	363047	372909	371760	369239	1.46	cps
Thallium	205-1	876190	891124	892222	886512	1.01	cps
Tin	118-1	7575	7772	7692	7680	1.29	cps
Titanium	47-1	669764	677001	680372	675712	0.80	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5738	5885	5628	5750	2.24	cps
Vanadium	51-2	2156188	2127588	2163544	2149106	0.88	cps
Yttrium	89-1	15781167	15678921	15695891	15718660	0.35	cps
Yttrium	89-2	3953007	3900563	3960424	3937998	0.83	cps
Zinc	66-2	405167	402155	402274	403199	0.42	cps
Zirconium	90-1	31654	32509	32867	32343	1.93	cps
Zirconium	91-1	7285	7349	7652	7429	2.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12630504	12595601	12539972	12588692	0.36	cps
Antimony	121-1	5161868	5196824	5170976	5176556	0.35	cps
Arsenic	75-2	283333	280719	282151	282068	0.46	cps
Barium	135-1	6814505	6912010	6872636	6866383	0.71	cps
Barium	137-1	11758116	11891901	11989110	11879709	0.98	cps
Beryllium	9-1	886001	903857	898634	896164	1.02	cps
Bismuth	209-1	6497902	6730518	6582274	6603564	1.78	cps
Bismuth	209-2	5020999	5095027	5026847	5047624	0.82	cps
Bromine	81-1	8959	8873	9046	8959	0.97	cps
Bromine	81-2	90	90	103	94	8.15	cps
Cadmium	108-1	101337	101354	101283	101325	0.04	cps
Cadmium	106-1	146437	147382	147150	146990	0.34	cps
Cadmium	111-1	1369961	1387636	1388976	1382191	0.77	cps
Calcium	43-1	7589767	7656551	7660765	7635694	0.52	cps
Calcium	44-1	123012745	122910408	121911242	122611465	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2348577	2311116	2319849	2326514	0.84	cps
Cobalt	59-2	3869842	3867440	3815834	3851039	0.79	cps
Copper	63-2	26699927	26596498	26811928	26702784	0.40	cps
Dysprosium	156-1	393	370	390	384	3.28	cps
Dysprosium	156-2	407	413	483	434	9.78	cps
Erbium	164-1	280	310	340	310	9.68	cps
Erbium	164-2	207	267	217	230	13.98	cps
Gadolinium	160-1	237	253	220	237	7.04	cps
Gadolinium	160-2	380	463	490	444	12.91	cps
Holmium	165-1	11290424	11432271	11292197	11338297	0.72	cps
Holmium	165-2	7760948	7789084	7667272	7739101	0.82	cps
Indium	115-1	8658381	8570328	8521453	8583387	0.81	cps
Indium	115-2	2960282	2956769	2966539	2961197	0.17	cps
Iron	56-2	501807553	498258886	501456193	500507544	0.39	cps
Iron	57-2	12396174	12372836	12303772	12357594	0.39	cps
Iron	54-2	27696714	27294814	27360443	27450657	0.79	cps
Krypton	83-1	357	307	330	331	7.56	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19603219	20318417	19984548	19968728	1.79	cps
Lead	207-1	17131581	17891536	17511715	17511610	2.17	cps
Lead	208-1	78359348	80837631	79676898	79624626	1.56	cps
Lithium	6-1	1572890	1580722	1562637	1572083	0.58	cps
Magnesium	24-2	106898392	107008885	107111435	107006237	0.10	cps
Manganese	55-2	16917119	16769840	17005694	16897551	0.71	cps
Molybdenum	94-1	20380318	20518958	20539591	20479622	0.42	cps
Molybdenum	95-1	30162616	30368458	30166121	30232398	0.39	cps
Molybdenum	96-1	32695065	32924576	32983330	32867657	0.46	cps
Molybdenum	97-1	18752154	18765251	18925284	18814230	0.51	cps
Molybdenum	98-1	48127033	48353776	48487761	48322857	0.38	cps
Neodymium	150-1	393	387	413	398	3.49	cps
Neodymium	150-2	107	93	137	112	19.78	cps
Nickel	60-2	963864	963535	964853	964084	0.07	cps
Phosphorus	31-2	137538	136899	137998	137478	0.40	cps
Potassium	39-2	65482112	65903771	66133549	65839811	0.50	cps
Rhodium	103-1	7897074	8015135	8005029	7972413	0.82	cps
Rhodium	103-2	4878791	4922408	4890476	4897225	0.46	cps
Scandium	45-1	5549334	5539201	5438637	5509057	1.11	cps
Scandium	45-2	503180	502737	502077	502665	0.11	cps
Selenium	82-1	82289	83080	83334	82901	0.66	cps
Selenium	77-2	7936	7922	8212	8023	2.04	cps
Selenium	78-2	27008	26414	26517	26646	1.19	cps
Silicon	28-1	23383395	23566923	23414710	23455009	0.42	cps
Silver	107-1	6427930	6451532	6456120	6445194	0.23	cps
Silver	109-1	5984397	6062900	6106199	6051165	1.02	cps
Sodium	23-2	184022077	184717511	185506111	184748566	0.40	cps
Strontium	86-1	43549829	43884403	44039294	43824509	0.57	cps
Strontium	88-1	378979061	381447541	384042781	381489794	0.66	cps
Sulfur	34-1	739313	739279	725393	734661	1.09	cps
Terbium	159-1	11593858	11587418	11458176	11546484	0.66	cps
Terbium	159-2	7701255	7633433	7663983	7666223	0.44	cps
Thallium	203-1	4958185	4963141	5020384	4980570	0.69	cps
Thallium	205-1	11550479	11990115	12019410	11853335	2.22	cps
Tin	118-1	4361456	4436285	4359356	4385699	1.00	cps
Titanium	47-1	8055755	8001038	8063391	8040061	0.42	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15907115	16380650	16518108	16268624	1.97	cps
Vanadium	51-2	2096584	2080760	2118371	2098572	0.90	cps
Yttrium	89-1	14955438	15202120	15147623	15101727	0.86	cps
Yttrium	89-2	3789367	3785471	3763675	3779505	0.37	cps
Zinc	66-2	4172280	4130061	4107489	4136610	0.80	cps
Zirconium	90-1	9320842	9504389	9535213	9453482	1.23	cps
Zirconium	91-1	2084196	2111585	2121163	2105648	0.91	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5181	5418	5378	5325	2.38	cps
Antimony	121-1	3844	3904	4071	3939	2.98	cps
Arsenic	75-2	23	30	43	32	31.61	cps
Barium	135-1	537	430	377	448	18.19	cps
Barium	137-1	983	750	640	791	22.16	cps
Beryllium	9-1	103	110	67	93	25.00	cps
Bismuth	209-1	7103302	7113479	7081491	7099424	0.23	cps
Bismuth	209-2	5578324	5493286	5581092	5550900	0.90	cps
Bromine	81-1	8693	8843	9026	8854	1.89	cps
Bromine	81-2	120	113	117	117	2.85	cps
Cadmium	108-1	7	37	40	28	66.08	cps
Cadmium	106-1	3150	2964	3140	3085	3.40	cps
Cadmium	111-1	2334	2152	2257	2248	4.06	cps
Calcium	43-1	800	760	680	747	8.18	cps
Calcium	44-1	26608	25833	25309	25916	2.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1237	1173	1110	1173	5.40	cps
Cobalt	59-2	377	283	317	326	14.53	cps
Copper	63-2	3014	2927	3124	3021	3.26	cps
Dysprosium	156-1	140	150	153	148	4.70	cps
Dysprosium	156-2	57	37	33	42	29.89	cps
Erbium	164-1	93	67	50	70	31.22	cps
Erbium	164-2	37	53	57	49	21.91	cps
Gadolinium	160-1	43	50	43	46	8.45	cps
Gadolinium	160-2	217	293	310	273	18.21	cps
Holmium	165-1	11103225	11110069	11107247	11106847	0.03	cps
Holmium	165-2	7782870	7644778	7766342	7731330	0.98	cps
Indium	115-1	9096608	8986272	9092657	9058512	0.69	cps
Indium	115-2	3127272	3135882	3163021	3142058	0.59	cps
Iron	56-2	45739	45592	47645	46326	2.47	cps
Iron	57-2	2380	2524	2477	2460	2.97	cps
Iron	54-2	3891	3971	3781	3881	2.46	cps
Krypton	83-1	287	237	227	250	12.86	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2107	1743	1663	1838	12.86	cps
Lead	207-1	1717	1473	1397	1529	10.93	cps
Lead	208-1	7971	6857	6384	7071	11.52	cps
Lithium	6-1	1574765	1568883	1597575	1580408	0.96	cps
Magnesium	24-2	5334	5264	5264	5288	0.76	cps
Manganese	55-2	1740	1723	1600	1688	4.53	cps
Molybdenum	94-1	2894	2490	2504	2629	8.72	cps
Molybdenum	95-1	2470	2257	2084	2270	8.53	cps
Molybdenum	96-1	2770	2590	2517	2626	4.97	cps
Molybdenum	97-1	1477	1297	1190	1321	10.97	cps
Molybdenum	98-1	3861	3300	3470	3544	8.10	cps
Neodymium	150-1	30	17	13	20	44.10	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	217	237	190	214	10.92	cps
Phosphorus	31-2	153	130	193	159	20.16	cps
Potassium	39-2	69645	70639	70244	70176	0.71	cps
Rhodium	103-1	8588453	8626666	8593208	8602775	0.24	cps
Rhodium	103-2	5497270	5449916	5355559	5434248	1.33	cps
Scandium	45-1	5500971	5505456	5517606	5508011	0.16	cps
Scandium	45-2	515989	511084	514034	513703	0.48	cps
Selenium	82-1	481	546	523	517	6.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	340	313	317	323	4.49	cps
Silicon	28-1	291630	290625	291739	291331	0.21	cps
Silver	107-1	820	713	753	762	7.07	cps
Silver	109-1	973	670	677	773	22.40	cps
Sodium	23-2	57229	56446	55867	56514	1.21	cps
Strontium	86-1	2714	2277	2087	2359	13.62	cps
Strontium	88-1	19950	16660	14691	17100	15.54	cps
Sulfur	34-1	250179	251840	253967	251995	0.75	cps
Terbium	159-1	11497251	11388476	11220760	11368829	1.23	cps
Terbium	159-2	7779442	7579824	7654594	7671287	1.31	cps
Thallium	203-1	900	880	693	824	13.83	cps
Thallium	205-1	2274	2104	1763	2047	12.69	cps
Tin	118-1	2797	2890	3117	2935	5.61	cps
Titanium	47-1	730	720	693	714	2.65	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	740	643	607	663	10.38	cps
Vanadium	51-2	130	130	113	124	7.73	cps
Yttrium	89-1	15101700	15125240	15116796	15114579	0.08	cps
Yttrium	89-2	3904280	3914469	3920484	3913078	0.21	cps
Zinc	66-2	1003	907	940	950	5.17	cps
Zirconium	90-1	3727	3334	3167	3409	8.44	cps
Zirconium	91-1	883	793	773	817	7.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:28:30	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1826106	1819787	1798257	1814716	0.80	cps
Antimony	121-1	3564	3891	3871	3775	4.85	cps
Arsenic	75-2	24580	25732	24844	25052	2.41	cps
Barium	135-1	507971	507821	512276	509356	0.50	cps
Barium	137-1	855950	880916	882462	873109	1.70	cps
Beryllium	9-1	453	430	433	439	2.87	cps
Bismuth	209-1	7093958	6930188	6910541	6978229	1.44	cps
Bismuth	209-2	5463462	5547189	5573703	5528118	1.04	cps
Bromine	81-1	9296	9253	9426	9325	0.97	cps
Bromine	81-2	223	173	223	207	13.97	cps
Cadmium	108-1	90	67	57	71	24.05	cps
Cadmium	106-1	3220	3274	3057	3184	3.55	cps
Cadmium	111-1	2611	2648	2484	2581	3.35	cps
Calcium	43-1	63998	66023	66538	65519	2.05	cps
Calcium	44-1	1057847	1091852	1091103	1080268	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87387	86204	87344	86979	0.77	cps
Cobalt	59-2	99682	99534	101329	100181	0.99	cps
Copper	63-2	170341	169133	167880	169118	0.73	cps
Dysprosium	156-1	12212	12416	12195	12274	1.00	cps
Dysprosium	156-2	10040	9970	10391	10134	2.22	cps
Erbium	164-1	9997	9837	10087	9974	1.27	cps
Erbium	164-2	6778	6622	6945	6782	2.39	cps
Gadolinium	160-1	10364	10611	10874	10616	2.40	cps
Gadolinium	160-2	8419	7989	8179	8196	2.63	cps
Holmium	165-1	11465098	11689717	11733677	11629497	1.24	cps
Holmium	165-2	7796500	7971079	7983489	7917023	1.32	cps
Indium	115-1	9280259	9515668	9436521	9410816	1.27	cps
Indium	115-2	3223988	3205184	3284075	3237749	1.27	cps
Iron	56-2	78617171	78827365	77607732	78350756	0.83	cps
Iron	57-2	1928250	1972765	1911506	1937507	1.63	cps
Iron	54-2	4327992	4321283	4318256	4322510	0.12	cps
Krypton	83-1	360	287	270	306	15.67	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:28:30	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	71456	71658	71916	71677	0.32	cps
Lead	207-1	56196	57514	57688	57133	1.43	cps
Lead	208-1	263329	269005	266886	266407	1.08	cps
Lithium	6-1	1591436	1576501	1632149	1600029	1.80	cps
Magnesium	24-2	1674494	1639956	1621784	1645412	1.63	cps
Manganese	55-2	4983021	4955735	4862115	4933624	1.29	cps
Molybdenum	94-1	13837	14117	14434	14129	2.11	cps
Molybdenum	95-1	3814	4184	3834	3944	5.28	cps
Molybdenum	96-1	6758	6852	7015	6875	1.89	cps
Molybdenum	97-1	2420	2447	2434	2434	0.55	cps
Molybdenum	98-1	5925	6075	5831	5943	2.07	cps
Neodymium	150-1	22324	21516	22748	22196	2.82	cps
Neodymium	150-2	13029	13216	13083	13110	0.73	cps
Nickel	60-2	27241	27258	26988	27162	0.56	cps
Phosphorus	31-2	5118	5571	5828	5505	6.53	cps
Potassium	39-2	856235	857548	856545	856776	0.08	cps
Rhodium	103-1	8835679	9082555	8934756	8950997	1.39	cps
Rhodium	103-2	5570327	5544185	5501112	5538541	0.63	cps
Scandium	45-1	5846318	5935181	5903986	5895162	0.76	cps
Scandium	45-2	545841	550262	545462	547188	0.49	cps
Selenium	82-1	534	513	553	534	3.76	cps
Selenium	77-2	17	43	67	42	59.25	cps
Selenium	78-2	423	523	377	441	16.99	cps
Silicon	28-1	8662454	8662107	8658721	8661094	0.02	cps
Silver	107-1	683	620	603	636	6.64	cps
Silver	109-1	537	500	440	492	9.91	cps
Sodium	23-2	78375	79179	78549	78701	0.54	cps
Strontium	86-1	84661	87880	89011	87184	2.59	cps
Strontium	88-1	732459	748409	754447	745105	1.52	cps
Sulfur	34-1	255042	250410	246365	250606	1.73	cps
Terbium	159-1	11397319	11808892	11792387	11666200	2.00	cps
Terbium	159-2	7912703	7795778	7601436	7769973	2.02	cps
Thallium	203-1	2294	2504	2424	2407	4.40	cps
Thallium	205-1	5485	5301	5735	5507	3.95	cps
Tin	118-1	10484	10861	10991	10779	2.44	cps
Titanium	47-1	386741	402265	406101	398369	2.57	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:28:30	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8103	8576	8596	8425	3.32	cps
Vanadium	51-2	185336	185704	186231	185757	0.24	cps
Yttrium	89-1	15849978	15827269	15795056	15824101	0.17	cps
Yttrium	89-2	4144376	4106718	4129916	4127003	0.46	cps
Zinc	66-2	35790	35018	35211	35340	1.14	cps
Zirconium	90-1	33000	34541	34206	33916	2.39	cps
Zirconium	91-1	7185	7962	7409	7519	5.32	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:31:47	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1792319	1783141	1792238	1789233	0.29	cps
Antimony	121-1	3074	3350	3370	3265	5.08	cps
Arsenic	75-2	22283	21836	22400	22173	1.34	cps
Barium	135-1	437029	446409	457196	446878	2.26	cps
Barium	137-1	780199	766243	768849	771764	0.96	cps
Beryllium	9-1	413	440	463	439	5.70	cps
Bismuth	209-1	7023426	7172002	7160660	7118696	1.16	cps
Bismuth	209-2	5574057	5614890	5559177	5582708	0.52	cps
Bromine	81-1	9640	9877	9877	9798	1.40	cps
Bromine	81-2	223	150	253	209	25.45	cps
Cadmium	108-1	110	47	67	74	43.49	cps
Cadmium	106-1	3480	3400	3140	3340	5.32	cps
Cadmium	111-1	2703	2678	2495	2625	4.32	cps
Calcium	43-1	66388	65909	66193	66163	0.36	cps
Calcium	44-1	1080642	1101909	1104741	1095764	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87207	87207	85152	86522	1.37	cps
Cobalt	59-2	96893	98756	95595	97081	1.64	cps
Copper	63-2	167007	165116	166147	166090	0.57	cps
Dysprosium	156-1	11635	11745	12269	11883	2.85	cps
Dysprosium	156-2	10120	10401	10064	10195	1.77	cps
Erbium	164-1	10014	10114	10294	10140	1.40	cps
Erbium	164-2	6855	7189	7305	7116	3.28	cps
Gadolinium	160-1	10998	11148	10764	10970	1.76	cps
Gadolinium	160-2	8186	8266	8633	8361	2.85	cps
Holmium	165-1	11300242	11396948	11664535	11453908	1.65	cps
Holmium	165-2	8027849	8144781	7925385	8032672	1.37	cps
Indium	115-1	9343618	9245659	9498929	9362735	1.36	cps
Indium	115-2	3209485	3329833	3203906	3247741	2.19	cps
Iron	56-2	78229482	76613819	77611982	77485094	1.05	cps
Iron	57-2	1932851	1904169	1932483	1923167	0.86	cps
Iron	54-2	4252490	4243803	4317373	4271222	0.94	cps
Krypton	83-1	293	363	310	322	11.35	cps

Reviewed By:Mohan
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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:31:47	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67661	68297	71259	69072	2.78	cps
Lead	207-1	57464	55242	56098	56268	1.99	cps
Lead	208-1	259910	262641	262677	261743	0.61	cps
Lithium	6-1	1663316	1667302	1670945	1667188	0.23	cps
Magnesium	24-2	1627702	1595273	1636920	1619965	1.35	cps
Manganese	55-2	4448152	4275908	4364669	4362910	1.97	cps
Molybdenum	94-1	13656	14130	14047	13945	1.81	cps
Molybdenum	95-1	3097	3270	3534	3300	6.66	cps
Molybdenum	96-1	6228	5881	6111	6074	2.91	cps
Molybdenum	97-1	1897	1960	2090	1982	4.97	cps
Molybdenum	98-1	5164	5058	5431	5218	3.69	cps
Neodymium	150-1	21894	22889	22298	22360	2.24	cps
Neodymium	150-2	13086	12993	13156	13078	0.63	cps
Nickel	60-2	25478	26440	26156	26025	1.90	cps
Phosphorus	31-2	5391	5304	5518	5404	1.99	cps
Potassium	39-2	838053	833335	835716	835701	0.28	cps
Rhodium	103-1	9228143	8917334	8983531	9043003	1.81	cps
Rhodium	103-2	5672158	5726442	5557063	5651888	1.53	cps
Scandium	45-1	5966138	5954815	6043453	5988135	0.81	cps
Scandium	45-2	550216	543318	550148	547894	0.72	cps
Selenium	82-1	518	540	564	541	4.28	cps
Selenium	77-2	87	50	53	63	32.02	cps
Selenium	78-2	433	360	360	384	11.01	cps
Silicon	28-1	8459181	8492564	8686718	8546154	1.44	cps
Silver	107-1	453	423	503	460	8.79	cps
Silver	109-1	443	420	397	420	5.55	cps
Sodium	23-2	78485	77852	78046	78128	0.42	cps
Strontium	86-1	81813	81581	82248	81880	0.41	cps
Strontium	88-1	700132	720520	713599	711417	1.46	cps
Sulfur	34-1	245777	240517	235433	240576	2.15	cps
Terbium	159-1	12156624	11471094	11607115	11744945	3.09	cps
Terbium	159-2	7794089	7858081	7677127	7776432	1.18	cps
Thallium	203-1	1940	2150	1900	1997	6.73	cps
Thallium	205-1	4674	4808	4914	4799	2.51	cps
Tin	118-1	16586	10991	11254	12944	24.39	cps
Titanium	47-1	400832	406915	410134	405960	1.16	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:31:47	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8990	9193	8920	9034	1.57	cps
Vanadium	51-2	180118	183724	181273	181705	1.01	cps
Yttrium	89-1	16156211	16214719	16385678	16252203	0.73	cps
Yttrium	89-2	4167248	4187381	4129802	4161477	0.70	cps
Zinc	66-2	33437	33628	33484	33516	0.30	cps
Zirconium	90-1	32292	32833	32887	32671	1.01	cps
Zirconium	91-1	7515	7495	7255	7422	1.95	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAB1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:35:03	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370892	369171	368625	369563	0.32	cps
Antimony	121-1	813	920	897	877	6.40	cps
Arsenic	75-2	4801	5134	5014	4983	3.39	cps
Barium	135-1	98877	100525	100172	99858	0.87	cps
Barium	137-1	174308	176238	176790	175779	0.74	cps
Beryllium	9-1	147	100	103	117	22.32	cps
Bismuth	209-1	6874099	6941073	7124052	6979741	1.85	cps
Bismuth	209-2	5619365	5616451	5607211	5614342	0.11	cps
Bromine	81-1	9673	9516	9556	9582	0.85	cps
Bromine	81-2	140	133	143	139	3.67	cps
Cadmium	108-1	13	30	27	23	37.81	cps
Cadmium	106-1	3280	3050	2887	3073	6.43	cps
Cadmium	111-1	2370	2208	2069	2216	6.81	cps
Calcium	43-1	13383	13623	13449	13485	0.92	cps
Calcium	44-1	229489	231307	233733	231510	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17817	18438	17640	17965	2.33	cps
Cobalt	59-2	20444	19509	19796	19917	2.40	cps
Copper	63-2	34376	33825	34015	34072	0.82	cps
Dysprosium	156-1	2517	2490	2397	2468	2.55	cps
Dysprosium	156-2	2060	2034	2087	2060	1.29	cps
Erbium	164-1	1987	2107	1897	1997	5.28	cps
Erbium	164-2	1393	1443	1380	1406	2.38	cps
Gadolinium	160-1	2354	2120	2114	2196	6.23	cps
Gadolinium	160-2	1790	1673	1927	1797	7.06	cps
Holmium	165-1	11081817	11498382	11300527	11293576	1.85	cps
Holmium	165-2	7973500	7952893	7901823	7942739	0.46	cps
Indium	115-1	9271027	9456871	9367932	9365277	0.99	cps
Indium	115-2	3325152	3300419	3234808	3286793	1.42	cps
Iron	56-2	15369805	15307226	15447885	15374972	0.46	cps
Iron	57-2	406517	405641	406690	406283	0.14	cps
Iron	54-2	903976	907779	900948	904234	0.38	cps
Krypton	83-1	323	307	263	298	10.40	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAB1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:35:03	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14334	14761	14154	14417	2.16	cps
Lead	207-1	11408	11952	11612	11657	2.36	cps
Lead	208-1	53942	55344	54369	54552	1.32	cps
Lithium	6-1	1648210	1617632	1656192	1640678	1.24	cps
Magnesium	24-2	341329	336914	337410	338551	0.71	cps
Manganese	55-2	999449	1002923	996034	999469	0.34	cps
Molybdenum	94-1	2940	3137	2977	3018	3.47	cps
Molybdenum	95-1	830	857	727	804	8.54	cps
Molybdenum	96-1	1470	1600	1607	1559	4.94	cps
Molybdenum	97-1	517	513	530	520	1.70	cps
Molybdenum	98-1	1250	1367	1317	1311	4.46	cps
Neodymium	150-1	4254	4494	4347	4365	2.77	cps
Neodymium	150-2	2664	2590	2460	2571	4.01	cps
Nickel	60-2	5471	5294	5281	5349	1.98	cps
Phosphorus	31-2	1247	1183	1270	1233	3.64	cps
Potassium	39-2	224870	223040	223256	223722	0.45	cps
Rhodium	103-1	8998550	9060326	9038307	9032394	0.35	cps
Rhodium	103-2	5601802	5606768	5535342	5581304	0.71	cps
Scandium	45-1	5857908	5899403	5885235	5880849	0.36	cps
Scandium	45-2	537334	536779	535897	536670	0.14	cps
Selenium	82-1	509	522	600	543	9.04	cps
Selenium	77-2	3	17	7	9	78.08	cps
Selenium	78-2	353	333	360	349	3.98	cps
Silicon	28-1	1998400	1999653	1992187	1996747	0.20	cps
Silver	107-1	120	120	117	119	1.62	cps
Silver	109-1	130	110	130	123	9.36	cps
Sodium	23-2	53763	54198	53539	53834	0.62	cps
Strontium	86-1	17250	17744	17524	17506	1.41	cps
Strontium	88-1	148248	150386	151854	150163	1.21	cps
Sulfur	34-1	233257	232979	237772	234669	1.15	cps
Terbium	159-1	11778737	11709731	11946434	11811634	1.03	cps
Terbium	159-2	7892705	7800135	7831699	7841513	0.60	cps
Thallium	203-1	560	643	570	591	7.70	cps
Thallium	205-1	1410	1640	1493	1515	7.69	cps
Tin	118-1	3574	3647	3677	3633	1.46	cps
Titanium	47-1	77397	79976	80321	79231	2.02	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAB1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:35:03	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1710	1627	1727	1688	3.17	cps
Vanadium	51-2	36641	36411	36698	36583	0.42	cps
Yttrium	89-1	15653295	15601601	15728609	15661168	0.41	cps
Yttrium	89-2	4024605	4039570	4048308	4037495	0.30	cps
Zinc	66-2	7352	7595	7479	7475	1.63	cps
Zirconium	90-1	7365	7155	7002	7174	2.54	cps
Zirconium	91-1	1650	1603	1573	1609	2.40	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:38:23	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1855875	1821040	1837735	1838217	0.95	cps
Antimony	121-1	171678	172622	173004	172435	0.40	cps
Arsenic	75-2	27900	27342	26891	27378	1.85	cps
Barium	135-1	1301180	1322299	1320183	1314554	0.88	cps
Barium	137-1	2362601	2365317	2338907	2355608	0.62	cps
Beryllium	9-1	15494	15751	15555	15600	0.86	cps
Bismuth	209-1	7140972	7113562	7077766	7110766	0.45	cps
Bismuth	209-2	5716307	5532183	5626774	5625088	1.64	cps
Bromine	81-1	9546	10127	9717	9797	3.05	cps
Bromine	81-2	153	190	177	173	10.71	cps
Cadmium	108-1	1647	1673	1590	1637	2.60	cps
Cadmium	106-1	5444	5191	5048	5228	3.84	cps
Cadmium	111-1	24996	24636	24811	24814	0.72	cps
Calcium	43-1	64094	65002	66210	65102	1.63	cps
Calcium	44-1	1067311	1077428	1081090	1075276	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250321	247515	245808	247881	0.92	cps
Cobalt	59-2	710688	712254	714128	712357	0.24	cps
Copper	63-2	391665	391798	389054	390839	0.40	cps
Dysprosium	156-1	11855	11835	11675	11788	0.84	cps
Dysprosium	156-2	9840	9717	10210	9922	2.59	cps
Erbium	164-1	9847	9527	9800	9725	1.78	cps
Erbium	164-2	6498	6562	6565	6542	0.57	cps
Gadolinium	160-1	10818	10738	10844	10800	0.51	cps
Gadolinium	160-2	8006	8266	8166	8146	1.61	cps
Holmium	165-1	11418489	11515558	11538281	11490776	0.55	cps
Holmium	165-2	8040812	7712470	7983527	7912270	2.22	cps
Indium	115-1	9372871	9318502	9335781	9342385	0.30	cps
Indium	115-2	3309231	3145358	3154558	3203049	2.87	cps
Iron	56-2	75563774	75986494	75005221	75518496	0.65	cps
Iron	57-2	1889400	1878630	1872772	1880267	0.45	cps
Iron	54-2	4211308	4209726	4145436	4188823	0.90	cps
Krypton	83-1	333	240	330	301	17.59	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:38:23	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	97373	99480	99011	98621	1.12	cps
Lead	207-1	81285	80939	80698	80974	0.36	cps
Lead	208-1	377107	376958	377349	377138	0.05	cps
Lithium	6-1	1657616	1676270	1628464	1654117	1.46	cps
Magnesium	24-2	1610385	1573665	1569044	1584365	1.43	cps
Manganese	55-2	4835309	4833188	4775444	4814647	0.71	cps
Molybdenum	94-1	13339	13630	13513	13494	1.08	cps
Molybdenum	95-1	3424	3414	3324	3387	1.63	cps
Molybdenum	96-1	6461	6565	6078	6368	4.03	cps
Molybdenum	97-1	2204	2374	2264	2280	3.78	cps
Molybdenum	98-1	5358	5461	5608	5476	2.30	cps
Neodymium	150-1	21880	21981	22017	21959	0.32	cps
Neodymium	150-2	12753	12672	13243	12889	2.40	cps
Nickel	60-2	190980	190764	184443	188729	1.97	cps
Phosphorus	31-2	5231	5174	5258	5221	0.82	cps
Potassium	39-2	838721	824771	827075	830189	0.90	cps
Rhodium	103-1	8823959	8951950	8822100	8866003	0.84	cps
Rhodium	103-2	5537413	5457179	5499656	5498082	0.73	cps
Scandium	45-1	5843263	5905303	5940464	5896344	0.83	cps
Scandium	45-2	539435	533257	535505	536066	0.58	cps
Selenium	82-1	3885	3998	4005	3962	1.71	cps
Selenium	77-2	337	437	347	373	14.75	cps
Selenium	78-2	1493	1440	1480	1471	1.89	cps
Silicon	28-1	8361764	8517042	8493764	8457523	0.99	cps
Silver	107-1	92925	93589	96038	94184	1.74	cps
Silver	109-1	87013	89538	89926	88826	1.78	cps
Sodium	23-2	78093	77969	78170	78078	0.13	cps
Strontium	86-1	81980	83622	83120	82907	1.02	cps
Strontium	88-1	715940	721253	720584	719259	0.40	cps
Sulfur	34-1	234780	233704	228550	232345	1.43	cps
Terbium	159-1	11760411	11809775	11707891	11759359	0.43	cps
Terbium	159-2	8029101	7971437	7719976	7906838	2.08	cps
Thallium	203-1	74794	75163	76309	75422	1.05	cps
Thallium	205-1	179938	178726	181725	180130	0.84	cps
Tin	118-1	11328	11194	11581	11368	1.73	cps
Titanium	47-1	389244	393470	393594	392103	0.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:38:23	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8670	8319	8603	8531	2.18	cps
Vanadium	51-2	536472	533194	533394	534353	0.34	cps
Yttrium	89-1	16069452	15928733	15795676	15931287	0.86	cps
Yttrium	89-2	4046727	4036522	4109832	4064360	0.98	cps
Zinc	66-2	104751	103989	105321	104687	0.64	cps
Zirconium	90-1	31467	32205	31607	31760	1.23	cps
Zirconium	91-1	7178	7115	6978	7091	1.44	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:41:39	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2082723	2056318	2053894	2064312	0.77	cps
Antimony	121-1	798917	803586	803630	802044	0.34	cps
Arsenic	75-2	41271	41468	40719	41152	0.94	cps
Barium	135-1	4487022	4535295	4618595	4546971	1.46	cps
Barium	137-1	7737984	7863661	7890469	7830705	1.04	cps
Beryllium	9-1	69270	71614	71145	70676	1.75	cps
Bismuth	209-1	6993623	7102178	7101741	7065847	0.89	cps
Bismuth	209-2	5436469	5560779	5424877	5474041	1.38	cps
Bromine	81-1	9710	9500	9520	9577	1.21	cps
Bromine	81-2	220	203	197	207	5.81	cps
Cadmium	108-1	6792	7098	7132	7007	2.68	cps
Cadmium	106-1	12719	13043	13026	12929	1.41	cps
Cadmium	111-1	105460	108812	107166	107146	1.56	cps
Calcium	43-1	63197	62930	63907	63345	0.80	cps
Calcium	44-1	1032176	1052697	1043881	1042918	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	846619	842727	839931	843092	0.40	cps
Cobalt	59-2	2932114	2952338	2898132	2927528	0.94	cps
Copper	63-2	1133611	1123631	1126739	1127994	0.45	cps
Dysprosium	156-1	11541	11525	11728	11598	0.97	cps
Dysprosium	156-2	9950	9940	10020	9970	0.44	cps
Erbium	164-1	9500	9657	9887	9681	2.01	cps
Erbium	164-2	6572	6568	6575	6572	0.05	cps
Gadolinium	160-1	10321	10381	10581	10427	1.31	cps
Gadolinium	160-2	8142	7862	8086	8030	1.84	cps
Holmium	165-1	11339569	11223341	11279462	11280791	0.52	cps
Holmium	165-2	7701223	7771833	7811693	7761583	0.72	cps
Indium	115-1	9199576	9113218	9071365	9128053	0.72	cps
Indium	115-2	3174036	3132493	3138478	3148336	0.71	cps
Iron	56-2	77362454	76206752	76105439	76558215	0.91	cps
Iron	57-2	1916290	1871129	1870754	1886057	1.39	cps
Iron	54-2	4256537	4260720	4210593	4242617	0.66	cps
Krypton	83-1	343	343	310	332	5.79	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:41:39	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	181189	183178	182437	182268	0.55	cps
Lead	207-1	149915	152211	154110	152079	1.38	cps
Lead	208-1	700886	714407	707671	707655	0.96	cps
Lithium	6-1	1644974	1654531	1637560	1645688	0.52	cps
Magnesium	24-2	1563954	1517796	1536503	1539418	1.51	cps
Manganese	55-2	5799557	5764672	5756794	5773674	0.39	cps
Molybdenum	94-1	13400	13610	13346	13452	1.04	cps
Molybdenum	95-1	3500	3437	3647	3528	3.05	cps
Molybdenum	96-1	6175	6151	6338	6221	1.64	cps
Molybdenum	97-1	2050	2057	2020	2042	0.96	cps
Molybdenum	98-1	5281	5484	5221	5329	2.59	cps
Neodymium	150-1	21860	21426	21827	21705	1.11	cps
Neodymium	150-2	12666	12479	12219	12454	1.80	cps
Nickel	60-2	763188	754100	757626	758304	0.60	cps
Phosphorus	31-2	5174	5044	5208	5142	1.68	cps
Potassium	39-2	801674	803290	797431	800798	0.38	cps
Rhodium	103-1	8775833	8723479	8730620	8743311	0.32	cps
Rhodium	103-2	5428265	5398772	5338926	5388654	0.84	cps
Scandium	45-1	5794915	5744591	5763061	5767522	0.44	cps
Scandium	45-2	527206	526840	523997	526014	0.33	cps
Selenium	82-1	16203	16177	16151	16177	0.16	cps
Selenium	77-2	1600	1533	1673	1602	4.37	cps
Selenium	78-2	5358	5444	5518	5440	1.47	cps
Silicon	28-1	8197380	8339072	8315955	8284136	0.92	cps
Silver	107-1	291808	296622	311685	300038	3.46	cps
Silver	109-1	274616	280254	281475	278782	1.31	cps
Sodium	23-2	75008	75035	74583	74875	0.34	cps
Strontium	86-1	80967	82016	81712	81565	0.66	cps
Strontium	88-1	697841	709371	709912	705708	0.97	cps
Sulfur	34-1	228148	224765	221376	224763	1.51	cps
Terbium	159-1	11616654	11441089	11521699	11526481	0.76	cps
Terbium	159-2	7696016	7737964	7583824	7672601	1.04	cps
Thallium	203-1	348151	355230	352319	351900	1.01	cps
Thallium	205-1	827522	838749	841241	835837	0.87	cps
Tin	118-1	9657	9957	9727	9780	1.61	cps
Titanium	47-1	378664	381742	380855	380420	0.42	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAB1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:41:39	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7662	8206	8566	8145	5.59	cps
Vanadium	51-2	1799705	1787942	1782012	1789887	0.50	cps
Yttrium	89-1	15684219	15631434	15617250	15644301	0.23	cps
Yttrium	89-2	4008580	3958386	3968363	3978443	0.67	cps
Zinc	66-2	356480	352126	354266	354291	0.61	cps
Zirconium	90-1	30816	31875	31350	31347	1.69	cps
Zirconium	91-1	7205	6965	6982	7051	1.90	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4295-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 08:57:28	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5455371	5420291	5424567	5433409	0.35	cps
Antimony	121-1	7876	8109	8246	8077	2.32	cps
Arsenic	75-2	43467	43343	43086	43298	0.45	cps
Barium	135-1	2004173	2014626	2032746	2017182	0.72	cps
Barium	137-1	3452477	3471528	3484978	3469661	0.47	cps
Beryllium	9-1	1100	1150	1133	1128	2.26	cps
Bismuth	209-1	6848709	6697114	6761631	6769151	1.12	cps
Bismuth	209-2	5322461	5452536	5427228	5400742	1.28	cps
Bromine	81-1	10297	10914	10444	10552	3.06	cps
Bromine	81-2	417	423	443	428	3.24	cps
Cadmium	108-1	183	177	170	177	3.78	cps
Cadmium	106-1	3207	2834	2947	2996	6.39	cps
Cadmium	111-1	3733	3477	3567	3592	3.62	cps
Calcium	43-1	195715	198541	197265	197173	0.72	cps
Calcium	44-1	2973259	2959522	3004665	2979149	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	410315	410380	409701	410132	0.09	cps
Cobalt	59-2	262552	262976	261372	262300	0.32	cps
Copper	63-2	553802	549949	549224	550992	0.45	cps
Dysprosium	156-1	26933	27330	27363	27209	0.88	cps
Dysprosium	156-2	23079	23236	22648	22988	1.32	cps
Erbium	164-1	23847	24141	24555	24181	1.47	cps
Erbium	164-2	16610	16763	16677	16683	0.46	cps
Gadolinium	160-1	25340	26442	26148	25976	2.20	cps
Gadolinium	160-2	19437	19584	19487	19503	0.38	cps
Holmium	165-1	10891244	10948987	11059057	10966429	0.78	cps
Holmium	165-2	7663078	7830413	7648914	7714135	1.31	cps
Indium	115-1	8811814	9007418	8888673	8902635	1.11	cps
Indium	115-2	3167885	3160705	3116216	3148269	0.89	cps
Iron	56-2	291928956	292728929	293421509	292693131	0.26	cps
Iron	57-2	7162695	7130279	7133576	7142184	0.25	cps
Iron	54-2	16006738	16085359	16106489	16066195	0.33	cps
Krypton	83-1	307	273	247	276	10.91	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4295-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 08:57:28	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	166161	171323	169882	169122	1.58	cps
Lead	207-1	150190	152016	155289	152499	1.69	cps
Lead	208-1	673036	687249	687451	682578	1.21	cps
Lithium	6-1	1591993	1616175	1671663	1626610	2.51	cps
Magnesium	24-2	5781624	5783771	5811801	5792399	0.29	cps
Manganese	55-2	22442114	22261636	22307836	22337195	0.42	cps
Molybdenum	94-1	25405	25215	25893	25504	1.37	cps
Molybdenum	95-1	6705	6388	6328	6474	3.13	cps
Molybdenum	96-1	12759	13139	13129	13009	1.67	cps
Molybdenum	97-1	3544	3711	3607	3620	2.32	cps
Molybdenum	98-1	9366	9163	9300	9276	1.12	cps
Neodymium	150-1	46075	47319	46965	46786	1.37	cps
Neodymium	150-2	27580	27407	27333	27440	0.46	cps
Nickel	60-2	104323	102594	103604	103507	0.84	cps
Phosphorus	31-2	22527	22263	22173	22321	0.82	cps
Potassium	39-2	3066964	3051334	3050092	3056130	0.31	cps
Rhodium	103-1	8534204	8502693	8522203	8519700	0.19	cps
Rhodium	103-2	5470303	5388070	5288835	5382402	1.69	cps
Scandium	45-1	5949826	5983712	5965031	5966189	0.28	cps
Scandium	45-2	547431	546874	546027	546777	0.13	cps
Selenium	82-1	546	579	631	585	7.30	cps
Selenium	77-2	117	90	87	98	16.82	cps
Selenium	78-2	477	433	430	447	5.83	cps
Silicon	28-1	17056467	17386887	17485838	17309731	1.30	cps
Silver	107-1	1683	1880	1577	1713	8.98	cps
Silver	109-1	1737	1703	1643	1695	2.79	cps
Sodium	23-2	111808	110946	112792	111849	0.83	cps
Strontium	86-1	205135	207041	210053	207410	1.20	cps
Strontium	88-1	1785432	1781786	1802983	1790067	0.63	cps
Sulfur	34-1	248391	242068	240974	243811	1.64	cps
Terbium	159-1	11287962	11269842	11230261	11262688	0.26	cps
Terbium	159-2	7652698	7716389	7613736	7660941	0.68	cps
Thallium	203-1	1323	1313	1347	1328	1.29	cps
Thallium	205-1	3340	3224	3320	3295	1.89	cps
Tin	118-1	10210	10197	10304	10237	0.57	cps
Titanium	47-1	708446	715825	712690	712320	0.52	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4295-20DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 08:57:28	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12519	12099	12523	12380	1.97	cps
Vanadium	51-2	639775	639019	642542	640445	0.29	cps
Yttrium	89-1	15414274	15691604	15714052	15606643	1.07	cps
Yttrium	89-2	4012525	4057111	3976987	4015541	1.00	cps
Zinc	66-2	121496	121291	120276	121021	0.54	cps
Zirconium	90-1	59741	60528	61247	60505	1.24	cps
Zirconium	91-1	13316	13496	14120	13644	3.09	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:00:38	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6214533	6179862	6279219	6224538	0.81	cps
Antimony	121-1	12018	12282	12375	12225	1.51	cps
Arsenic	75-2	64563	63917	63646	64042	0.74	cps
Barium	135-1	996037	1004006	1000863	1000302	0.40	cps
Barium	137-1	1765410	1798340	1805786	1789845	1.20	cps
Beryllium	9-1	870	827	843	847	2.58	cps
Bismuth	209-1	6784004	6760570	6799593	6781389	0.29	cps
Bismuth	209-2	5351077	5381463	5377779	5370106	0.31	cps
Bromine	81-1	9360	9023	8763	9048	3.31	cps
Bromine	81-2	237	207	207	217	7.99	cps
Cadmium	108-1	267	243	217	242	10.33	cps
Cadmium	106-1	3514	3547	3514	3525	0.55	cps
Cadmium	111-1	3880	3859	4028	3922	2.35	cps
Calcium	43-1	129412	131006	130525	130315	0.63	cps
Calcium	44-1	1963590	1950947	1995267	1969935	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382590	385690	382729	383670	0.46	cps
Cobalt	59-2	331291	332292	329308	330964	0.46	cps
Copper	63-2	708913	707783	713820	710172	0.45	cps
Dysprosium	156-1	25223	25633	25817	25558	1.19	cps
Dysprosium	156-2	21236	21126	20942	21102	0.70	cps
Erbium	164-1	22228	23129	23062	22806	2.20	cps
Erbium	164-2	15382	15949	15689	15673	1.81	cps
Gadolinium	160-1	23847	24438	24184	24156	1.23	cps
Gadolinium	160-2	18145	17881	18556	18194	1.87	cps
Holmium	165-1	10960539	11032787	11046914	11013413	0.42	cps
Holmium	165-2	7752598	7645311	7625505	7674471	0.89	cps
Indium	115-1	8913843	8940941	8824798	8893194	0.68	cps
Indium	115-2	3044124	3083926	3123801	3083950	1.29	cps
Iron	56-2	487002473	484779993	480706700	484163055	0.66	cps
Iron	57-2	11868485	11870693	11860312	11866497	0.05	cps
Iron	54-2	26732420	26582267	26381213	26565300	0.66	cps
Krypton	83-1	303	317	280	300	6.19	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:00:38	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	224350	230626	227738	227571	1.38	cps
Lead	207-1	205282	209586	206504	207124	1.07	cps
Lead	208-1	915596	935338	921812	924248	1.09	cps
Lithium	6-1	1615993	1640774	1675187	1643985	1.81	cps
Magnesium	24-2	6584994	6678128	6673157	6645427	0.79	cps
Manganese	55-2	19382311	19509516	19218441	19370090	0.75	cps
Molybdenum	94-1	31130	31825	31066	31340	1.34	cps
Molybdenum	95-1	6738	6808	6738	6762	0.60	cps
Molybdenum	96-1	16172	16059	16262	16165	0.63	cps
Molybdenum	97-1	4001	4187	4047	4078	2.38	cps
Molybdenum	98-1	9917	9687	10217	9940	2.68	cps
Neodymium	150-1	40261	41504	40752	40839	1.53	cps
Neodymium	150-2	23553	23526	23373	23484	0.41	cps
Nickel	60-2	98020	98259	98363	98214	0.18	cps
Phosphorus	31-2	8853	9013	9049	8972	1.17	cps
Potassium	39-2	1514352	1515216	1473601	1501057	1.58	cps
Rhodium	103-1	8503202	8413933	8360859	8425998	0.85	cps
Rhodium	103-2	5285800	5344786	5304783	5311790	0.57	cps
Scandium	45-1	5878677	5875313	5800843	5851611	0.75	cps
Scandium	45-2	536552	533282	533296	534377	0.35	cps
Selenium	82-1	583	530	564	559	4.79	cps
Selenium	77-2	90	70	120	93	26.96	cps
Selenium	78-2	393	347	360	367	6.56	cps
Silicon	28-1	16626030	16803226	16550478	16659911	0.78	cps
Silver	107-1	1743	1643	1820	1736	5.10	cps
Silver	109-1	1550	1490	1557	1532	2.40	cps
Sodium	23-2	121299	121847	121749	121632	0.24	cps
Strontium	86-1	145114	147503	145157	145925	0.94	cps
Strontium	88-1	1262611	1270582	1274407	1269200	0.47	cps
Sulfur	34-1	235166	231429	227921	231505	1.56	cps
Terbium	159-1	11406201	11328840	11245113	11326718	0.71	cps
Terbium	159-2	7607708	7593362	7614261	7605110	0.14	cps
Thallium	203-1	970	997	993	987	1.47	cps
Thallium	205-1	2574	2380	2357	2437	4.88	cps
Tin	118-1	10354	10541	10290	10395	1.25	cps
Titanium	47-1	831879	837868	832297	834015	0.40	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:00:38	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11352	11168	11295	11272	0.83	cps
Vanadium	51-2	776466	776256	771573	774765	0.36	cps
Yttrium	89-1	15480705	15347599	15475358	15434554	0.49	cps
Yttrium	89-2	3901623	3914241	3940454	3918773	0.51	cps
Zinc	66-2	129196	130628	130158	129994	0.56	cps
Zirconium	90-1	74240	74796	75583	74873	0.90	cps
Zirconium	91-1	16579	16626	16893	16700	1.01	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:07:04	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4191089	4138224	4200063	4176459	0.80	cps
Antimony	121-1	10998	11715	11461	11391	3.19	cps
Arsenic	75-2	64000	62394	63753	63382	1.36	cps
Barium	135-1	826191	840886	835988	834355	0.90	cps
Barium	137-1	1431299	1457620	1458821	1449247	1.07	cps
Beryllium	9-1	1083	1110	1160	1118	3.48	cps
Bismuth	209-1	6942196	7023946	6958263	6974802	0.62	cps
Bismuth	209-2	5383815	5379736	5482026	5415192	1.07	cps
Bromine	81-1	9940	9937	10224	10033	1.64	cps
Bromine	81-2	410	500	513	474	11.85	cps
Cadmium	108-1	247	267	283	266	6.91	cps
Cadmium	106-1	3530	3320	3400	3417	3.10	cps
Cadmium	111-1	4456	4324	4309	4363	1.85	cps
Calcium	43-1	170162	173249	172670	172027	0.95	cps
Calcium	44-1	2544124	2613568	2564723	2574138	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	192725	191992	193788	192835	0.47	cps
Cobalt	59-2	283729	284377	282226	283444	0.39	cps
Copper	63-2	667196	672875	668821	669631	0.44	cps
Dysprosium	156-1	43611	44460	43474	43848	1.22	cps
Dysprosium	156-2	35963	36457	35816	36079	0.93	cps
Erbium	164-1	32120	32237	32571	32310	0.72	cps
Erbium	164-2	22268	21807	21987	22021	1.05	cps
Gadolinium	160-1	41180	41648	41394	41408	0.57	cps
Gadolinium	160-2	30056	30323	30674	30351	1.02	cps
Holmium	165-1	11142457	11117713	11370565	11210245	1.24	cps
Holmium	165-2	7768001	7806051	7761748	7778600	0.31	cps
Indium	115-1	8864051	9019019	9004548	8962539	0.96	cps
Indium	115-2	3106030	3121791	3125126	3117649	0.33	cps
Iron	56-2	347008515	347197061	346355995	346853857	0.13	cps
Iron	57-2	8479227	8449448	8634560	8521078	1.17	cps
Iron	54-2	19055378	19161169	19083476	19100007	0.29	cps
Krypton	83-1	370	330	313	338	8.62	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:07:04	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211044	213086	211643	211924	0.50	cps
Lead	207-1	184202	189210	190125	187846	1.70	cps
Lead	208-1	837872	855088	854212	849057	1.14	cps
Lithium	6-1	1572129	1618103	1627264	1605832	1.84	cps
Magnesium	24-2	2761202	2769518	2766512	2765744	0.15	cps
Manganese	55-2	18835741	18940257	18907167	18894388	0.28	cps
Molybdenum	94-1	38186	38985	40317	39163	2.75	cps
Molybdenum	95-1	7999	8296	8209	8168	1.87	cps
Molybdenum	96-1	16576	17414	17350	17113	2.73	cps
Molybdenum	97-1	4624	4714	4624	4654	1.12	cps
Molybdenum	98-1	11771	11535	12252	11853	3.08	cps
Neodymium	150-1	77186	78339	79737	78421	1.63	cps
Neodymium	150-2	45195	45446	44614	45085	0.95	cps
Nickel	60-2	108801	107820	108341	108321	0.45	cps
Phosphorus	31-2	13916	13713	13766	13799	0.76	cps
Potassium	39-2	1888662	1898825	1883886	1890458	0.40	cps
Rhodium	103-1	8494692	8579768	8429899	8501453	0.88	cps
Rhodium	103-2	5359348	5341821	5403123	5368097	0.59	cps
Scandium	45-1	5627546	5717277	5697896	5680907	0.83	cps
Scandium	45-2	520993	522922	523660	522525	0.26	cps
Selenium	82-1	440	537	613	530	16.34	cps
Selenium	77-2	180	200	157	179	12.12	cps
Selenium	78-2	430	503	420	451	10.09	cps
Silicon	28-1	14239456	14522601	14393334	14385130	0.99	cps
Silver	107-1	1967	2007	2010	1995	1.21	cps
Silver	109-1	1877	1947	2120	1981	6.32	cps
Sodium	23-2	95990	95980	97603	96524	0.97	cps
Strontium	86-1	166230	170548	170322	169033	1.44	cps
Strontium	88-1	1443303	1476003	1477661	1465656	1.32	cps
Sulfur	34-1	236516	233271	229299	233029	1.55	cps
Terbium	159-1	11356367	11518056	11459190	11444538	0.72	cps
Terbium	159-2	7632062	7650726	7738114	7673634	0.74	cps
Thallium	203-1	1113	1043	1030	1062	4.21	cps
Thallium	205-1	2554	2367	2647	2522	5.65	cps
Tin	118-1	9190	9653	9336	9393	2.52	cps
Titanium	47-1	198399	203053	201493	200981	1.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:07:04	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18269	19197	18473	18646	2.62	cps
Vanadium	51-2	389734	388596	389286	389205	0.15	cps
Yttrium	89-1	15500903	15668423	15622631	15597319	0.56	cps
Yttrium	89-2	4046922	3956495	3973857	3992425	1.20	cps
Zinc	66-2	148574	146692	147352	147539	0.65	cps
Zirconium	90-1	92757	94495	95981	94411	1.71	cps
Zirconium	91-1	20838	21112	21963	21304	2.75	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:10:19	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1773	1970	1890	1878	5.27	cps
Antimony	121-1	183	220	187	197	10.31	cps
Arsenic	75-2	83	37	67	62	38.00	cps
Barium	135-1	32076	32464	32307	32282	0.60	cps
Barium	137-1	55437	55187	56609	55744	1.36	cps
Beryllium	9-1	7	20	17	14	48.02	cps
Bismuth	209-1	6760757	6769498	6709706	6746654	0.48	cps
Bismuth	209-2	5148743	5194488	5252907	5198713	1.00	cps
Bromine	81-1	1124877	1335130	1448182	1302730	12.59	cps
Bromine	81-2	274332	275958	277093	275794	0.50	cps
Cadmium	108-1	10	13	13	12	15.73	cps
Cadmium	106-1	3277	2994	3134	3135	4.52	cps
Cadmium	111-1	2324	2113	2218	2218	4.75	cps
Calcium	43-1	1118368	1142484	1146763	1135872	1.35	cps
Calcium	44-1	16788580	17224253	17347662	17120165	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1773	1790	1723	1762	1.97	cps
Cobalt	59-2	297273	296118	293361	295584	0.68	cps
Copper	63-2	2444	2687	2314	2481	7.64	cps
Dysprosium	156-1	197	160	150	169	14.55	cps
Dysprosium	156-2	80	63	53	66	20.55	cps
Erbium	164-1	87	130	110	109	19.92	cps
Erbium	164-2	73	63	67	68	7.51	cps
Gadolinium	160-1	80	57	60	66	19.25	cps
Gadolinium	160-2	213	333	333	293	23.62	cps
Holmium	165-1	11406670	11319399	11167029	11297699	1.07	cps
Holmium	165-2	7857768	7857521	7910230	7875173	0.39	cps
Indium	115-1	8867918	8906829	8826160	8866969	0.45	cps
Indium	115-2	3114938	3113311	3106711	3111654	0.14	cps
Iron	56-2	154753778	156531811	155819484	155701691	0.57	cps
Iron	57-2	3829329	3869795	3844832	3847985	0.53	cps
Iron	54-2	8718889	8652683	8610954	8660842	0.63	cps
Krypton	83-1	340	323	260	308	13.71	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:10:19	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	957	1043	993	998	4.36	cps
Lead	207-1	947	850	823	873	7.43	cps
Lead	208-1	4037	3900	3887	3941	2.11	cps
Lithium	6-1	1591618	1596890	1640646	1609718	1.67	cps
Magnesium	24-2	21803359	21841265	21722704	21789109	0.28	cps
Manganese	55-2	19434035	19483190	19563237	19493487	0.33	cps
Molybdenum	94-1	667	653	523	614	12.89	cps
Molybdenum	95-1	707	757	753	739	3.78	cps
Molybdenum	96-1	1670	1750	1813	1745	4.12	cps
Molybdenum	97-1	127	103	120	117	10.30	cps
Molybdenum	98-1	193	143	223	187	21.65	cps
Neodymium	150-1	63	67	93	74	22.09	cps
Neodymium	150-2	23	27	27	26	7.55	cps
Nickel	60-2	31757	31653	31393	31601	0.59	cps
Phosphorus	31-2	223	187	133	181	24.99	cps
Potassium	39-2	6701396	6594310	6572783	6622829	1.04	cps
Rhodium	103-1	8268379	8124581	8178374	8190445	0.89	cps
Rhodium	103-2	5218129	5166704	5226427	5203753	0.62	cps
Scandium	45-1	5601466	5636655	5716241	5651454	1.04	cps
Scandium	45-2	529183	521329	524800	525104	0.75	cps
Selenium	82-1	671	762	884	773	13.86	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	340	340	353	344	2.23	cps
Silicon	28-1	17162457	17097716	17248528	17169567	0.44	cps
Silver	107-1	203	230	280	238	16.37	cps
Silver	109-1	157	163	147	156	5.39	cps
Sodium	23-2	384840994	386370421	382985741	384732385	0.44	cps
Strontium	86-1	1135062	1145407	1148864	1143111	0.63	cps
Strontium	88-1	9850766	9732553	9906224	9829848	0.90	cps
Sulfur	34-1	4716403	4811615	4828270	4785429	1.26	cps
Terbium	159-1	11586010	11656855	11574537	11605801	0.38	cps
Terbium	159-2	7778184	7828563	7750638	7785795	0.51	cps
Thallium	203-1	157	210	187	184	14.49	cps
Thallium	205-1	463	447	480	463	3.60	cps
Tin	118-1	2747	2570	2404	2574	6.67	cps
Titanium	47-1	904	573	507	661	32.16	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PMW-9D(20240926)	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:10:19	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	213	233	267	238	11.33	cps
Vanadium	51-2	227	237	230	231	2.20	cps
Yttrium	89-1	15261557	15280549	15275333	15272480	0.06	cps
Yttrium	89-2	3953398	3931097	3979758	3954751	0.62	cps
Zinc	66-2	5808	5801	5728	5779	0.77	cps
Zirconium	90-1	1123	1297	1193	1205	7.24	cps
Zirconium	91-1	237	283	240	253	10.28	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-18DLX5	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 09:13:32	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172754	169592	170320	170888	0.97	cps
Antimony	121-1	130	110	173	138	23.50	cps
Arsenic	75-2	227	210	237	224	6.00	cps
Barium	135-1	8893	8736	8850	8826	0.92	cps
Barium	137-1	15235	15625	15328	15396	1.32	cps
Beryllium	9-1	1317	1387	1443	1382	4.59	cps
Bismuth	209-1	6991958	6901800	6758301	6884020	1.71	cps
Bismuth	209-2	5553516	5490351	5327477	5457114	2.14	cps
Bromine	81-1	234747	216503	204292	218514	7.01	cps
Bromine	81-2	32058	30588	30909	31185	2.48	cps
Cadmium	108-1	7	10	17	11	45.82	cps
Cadmium	106-1	3350	3260	3140	3250	3.24	cps
Cadmium	111-1	2354	2292	2197	2281	3.48	cps
Calcium	43-1	236537	244096	240661	240431	1.57	cps
Calcium	44-1	3589818	3680200	3652685	3640901	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1557	1607	1597	1587	1.67	cps
Cobalt	59-2	185592	185016	185079	185229	0.17	cps
Copper	63-2	1380	1123	1290	1265	10.30	cps
Dysprosium	156-1	22251	21737	21860	21949	1.22	cps
Dysprosium	156-2	19824	19691	19544	19686	0.71	cps
Erbium	164-1	16326	16597	16487	16470	0.83	cps
Erbium	164-2	10848	10654	11161	10888	2.35	cps
Gadolinium	160-1	18930	19110	19721	19253	2.15	cps
Gadolinium	160-2	13990	13827	14167	13995	1.22	cps
Holmium	165-1	11437361	11428478	11027583	11297807	2.07	cps
Holmium	165-2	7951863	7974777	7952855	7959832	0.16	cps
Indium	115-1	9014039	9048021	8766580	8942880	1.72	cps
Indium	115-2	3125449	3150052	3148190	3141230	0.44	cps
Iron	56-2	320676562	318268862	317729529	318891651	0.49	cps
Iron	57-2	7886491	7831212	7929779	7882494	0.63	cps
Iron	54-2	17459762	17481273	17663388	17534808	0.64	cps
Krypton	83-1	293	313	257	288	9.99	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-18DLX5	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 09:13:32	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	753	967	820	847	12.89	cps
Lead	207-1	700	740	770	737	4.77	cps
Lead	208-1	3234	3374	3354	3320	2.28	cps
Lithium	6-1	1606586	1577969	1597950	1594168	0.92	cps
Magnesium	24-2	1202159	1198063	1212018	1204080	0.60	cps
Manganese	55-2	6133024	6097087	6048876	6092996	0.69	cps
Molybdenum	94-1	907	820	810	846	6.29	cps
Molybdenum	95-1	333	313	300	316	5.32	cps
Molybdenum	96-1	3480	3450	3390	3440	1.33	cps
Molybdenum	97-1	170	123	153	149	15.88	cps
Molybdenum	98-1	223	230	200	218	7.23	cps
Neodymium	150-1	29855	30493	30510	30286	1.23	cps
Neodymium	150-2	17558	17444	17611	17538	0.49	cps
Nickel	60-2	89344	89864	89927	89712	0.36	cps
Phosphorus	31-2	187	243	230	220	13.47	cps
Potassium	39-2	3493617	3434312	3470092	3466007	0.86	cps
Rhodium	103-1	8586014	8539853	8280608	8468825	1.94	cps
Rhodium	103-2	5393596	5360647	5408071	5387438	0.45	cps
Scandium	45-1	5633488	5687624	5563418	5628176	1.11	cps
Scandium	45-2	516353	511177	518033	515188	0.69	cps
Selenium	82-1	619	467	552	546	13.96	cps
Selenium	77-2	50	53	47	50	6.66	cps
Selenium	78-2	423	370	357	383	9.20	cps
Silicon	28-1	4743952	4796067	4774749	4771589	0.55	cps
Silver	107-1	87	73	107	89	18.88	cps
Silver	109-1	57	47	53	52	9.75	cps
Sodium	23-2	90986939	90123555	90807365	90639286	0.50	cps
Strontium	86-1	199745	202448	202766	201653	0.82	cps
Strontium	88-1	1733451	1754103	1761914	1749823	0.84	cps
Sulfur	34-1	7688092	7613873	7724584	7675516	0.74	cps
Terbium	159-1	11603585	11813474	11423382	11613480	1.68	cps
Terbium	159-2	7841031	7755483	7823024	7806513	0.58	cps
Thallium	203-1	170	137	93	133	28.83	cps
Thallium	205-1	243	307	290	280	11.72	cps
Tin	118-1	2184	2120	2134	2146	1.56	cps
Titanium	47-1	370	357	350	359	2.84	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4227-18DLX5	Instrumnet Name :	P7
Client Sample ID :	PMW-10(20240927)	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 09:13:32	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87	77	73	79	8.80	cps
Vanadium	51-2	2003	1830	1850	1895	5.01	cps
Yttrium	89-1	15842952	16024866	15494969	15787596	1.71	cps
Yttrium	89-2	4070740	4023904	4058187	4050944	0.60	cps
Zinc	66-2	51799	52880	52432	52370	1.04	cps
Zirconium	90-1	1527	1567	1507	1533	1.99	cps
Zirconium	91-1	337	320	337	331	2.90	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:16:44	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6340105	6381231	6273989	6331775	0.85	cps
Antimony	121-1	3634	3594	3594	3607	0.64	cps
Arsenic	75-2	20922	20952	21062	20978	0.35	cps
Barium	135-1	537008	550035	556643	547895	1.82	cps
Barium	137-1	935156	947397	954710	945754	1.04	cps
Beryllium	9-1	1517	1727	1630	1625	6.47	cps
Bismuth	209-1	7116143	7216186	7059701	7130677	1.11	cps
Bismuth	209-2	5610020	5639136	5459050	5569402	1.74	cps
Bromine	81-1	45667	42511	41685	43288	4.85	cps
Bromine	81-2	5031	4918	4744	4898	2.95	cps
Cadmium	108-1	223	207	190	207	8.07	cps
Cadmium	106-1	3684	3534	3661	3626	2.23	cps
Cadmium	111-1	4859	4889	4930	4893	0.72	cps
Calcium	43-1	747896	763673	772760	761443	1.65	cps
Calcium	44-1	11341276	11529888	11585919	11485695	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177309	177795	177474	177526	0.14	cps
Cobalt	59-2	152411	152055	152037	152168	0.14	cps
Copper	63-2	797924	794941	787223	793363	0.70	cps
Dysprosium	156-1	49467	50106	51290	50287	1.84	cps
Dysprosium	156-2	40699	41000	41036	40912	0.45	cps
Erbium	164-1	43220	43952	43862	43678	0.91	cps
Erbium	164-2	28880	29822	29718	29473	1.75	cps
Gadolinium	160-1	47681	48674	48728	48361	1.22	cps
Gadolinium	160-2	35244	34840	35612	35232	1.10	cps
Holmium	165-1	11443557	11479262	11612207	11511675	0.77	cps
Holmium	165-2	8144152	8026152	7971975	8047426	1.09	cps
Indium	115-1	9253263	9331145	9282795	9289068	0.42	cps
Indium	115-2	3259160	3209869	3209334	3226121	0.89	cps
Iron	56-2	175214297	176882711	176383304	176160104	0.49	cps
Iron	57-2	4371846	4327883	4328129	4342619	0.58	cps
Iron	54-2	9661472	9802177	9606827	9690158	1.04	cps
Krypton	83-1	340	333	367	347	5.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:16:44	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	262531	266069	267119	265240	0.91	cps
Lead	207-1	228506	232452	234515	231824	1.32	cps
Lead	208-1	1037510	1052541	1059696	1049916	1.08	cps
Lithium	6-1	1621060	1639210	1652184	1637485	0.95	cps
Magnesium	24-2	4640397	4588943	4537334	4588891	1.12	cps
Manganese	55-2	4181437	4209698	4199576	4196903	0.34	cps
Molybdenum	94-1	26885	27950	28521	27785	2.99	cps
Molybdenum	95-1	4274	4267	4444	4328	2.31	cps
Molybdenum	96-1	10267	10267	10571	10368	1.69	cps
Molybdenum	97-1	2577	2530	2630	2579	1.94	cps
Molybdenum	98-1	6331	6588	6515	6478	2.04	cps
Neodymium	150-1	85930	87506	87815	87084	1.16	cps
Neodymium	150-2	50988	51005	50253	50749	0.85	cps
Nickel	60-2	58447	58102	58350	58299	0.30	cps
Phosphorus	31-2	22720	22707	22453	22627	0.66	cps
Potassium	39-2	3904007	3884815	3886299	3891707	0.27	cps
Rhodium	103-1	8708303	8737340	8793869	8746504	0.50	cps
Rhodium	103-2	5531728	5487778	5526236	5515247	0.43	cps
Scandium	45-1	5877934	5990158	5991699	5953264	1.10	cps
Scandium	45-2	552700	548550	548066	549772	0.46	cps
Selenium	82-1	618	642	632	631	1.91	cps
Selenium	77-2	193	180	153	176	11.60	cps
Selenium	78-2	497	470	520	496	5.05	cps
Silicon	28-1	23478306	23937233	24239974	23885171	1.61	cps
Silver	107-1	4814	4931	4868	4871	1.20	cps
Silver	109-1	4704	4644	4794	4714	1.60	cps
Sodium	23-2	233947	234163	234697	234269	0.16	cps
Strontium	86-1	222688	228236	229546	226823	1.61	cps
Strontium	88-1	1902881	1975580	1987649	1955370	2.35	cps
Sulfur	34-1	283304	276249	271828	277127	2.09	cps
Terbium	159-1	11797476	11914682	11916522	11876227	0.57	cps
Terbium	159-2	7998213	7895597	7921134	7938315	0.67	cps
Thallium	203-1	1937	2044	1940	1973	3.07	cps
Thallium	205-1	4621	4774	4668	4688	1.68	cps
Tin	118-1	15348	15942	15835	15709	2.02	cps
Titanium	47-1	892194	909914	927350	909819	1.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:16:44	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16076	16123	16497	16232	1.42	cps
Vanadium	51-2	306047	306016	303229	305098	0.53	cps
Yttrium	89-1	16236189	16312515	16493989	16347564	0.81	cps
Yttrium	89-2	4182702	4210970	4183941	4192537	0.38	cps
Zinc	66-2	128615	129119	127892	128542	0.48	cps
Zirconium	90-1	70120	71302	72481	71301	1.66	cps
Zirconium	91-1	15245	15829	15742	15605	2.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N6	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:19:54	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5895613	5887102	5817228	5866648	0.73	cps
Antimony	121-1	3207	3420	3677	3435	6.85	cps
Arsenic	75-2	16219	17110	16239	16523	3.08	cps
Barium	135-1	630041	640706	640579	637109	0.96	cps
Barium	137-1	1083968	1102609	1100954	1095843	0.94	cps
Beryllium	9-1	1440	1517	1507	1488	2.80	cps
Bismuth	209-1	7004403	7013540	7081283	7033075	0.60	cps
Bismuth	209-2	5507604	5470309	5553953	5510622	0.76	cps
Bromine	81-1	28010	27903	27509	27807	0.95	cps
Bromine	81-2	3110	3137	3057	3101	1.31	cps
Cadmium	108-1	210	223	220	218	3.19	cps
Cadmium	106-1	3924	3490	3657	3691	5.92	cps
Cadmium	111-1	4700	4541	4536	4592	2.03	cps
Calcium	43-1	501417	513147	518108	510890	1.68	cps
Calcium	44-1	7522335	7665277	7748283	7645298	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169409	170623	168671	169568	0.58	cps
Cobalt	59-2	149866	150475	150569	150304	0.25	cps
Copper	63-2	669987	665507	662046	665846	0.60	cps
Dysprosium	156-1	45714	46627	46811	46384	1.27	cps
Dysprosium	156-2	37844	38814	38235	38298	1.27	cps
Erbium	164-1	40228	40930	40809	40656	0.92	cps
Erbium	164-2	27764	27858	27804	27809	0.17	cps
Gadolinium	160-1	44343	44892	45938	45058	1.80	cps
Gadolinium	160-2	32585	32808	32254	32549	0.86	cps
Holmium	165-1	11376417	11579228	11540378	11498674	0.94	cps
Holmium	165-2	7997558	7901518	7933220	7944099	0.62	cps
Indium	115-1	9348346	9276066	9191163	9271858	0.85	cps
Indium	115-2	3249468	3213230	3200757	3221152	0.79	cps
Iron	56-2	163592314	162553958	164134031	163426768	0.49	cps
Iron	57-2	4009105	4031324	4013674	4018034	0.29	cps
Iron	54-2	8925939	9018342	8996451	8980244	0.54	cps
Krypton	83-1	330	357	333	340	4.27	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N6	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:19:54	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	230837	232795	234239	232624	0.73	cps
Lead	207-1	202608	204544	204220	203790	0.51	cps
Lead	208-1	913107	925084	929088	922426	0.90	cps
Lithium	6-1	1633392	1622132	1625003	1626842	0.36	cps
Magnesium	24-2	4149820	4142168	4158799	4150262	0.20	cps
Manganese	55-2	5429146	5388441	5396969	5404852	0.40	cps
Molybdenum	94-1	28338	29019	29393	28916	1.85	cps
Molybdenum	95-1	4941	5121	5271	5111	3.23	cps
Molybdenum	96-1	11194	11408	11338	11313	0.96	cps
Molybdenum	97-1	2904	3160	3064	3043	4.26	cps
Molybdenum	98-1	7812	8106	8119	8012	2.16	cps
Neodymium	150-1	81474	82087	81859	81807	0.38	cps
Neodymium	150-2	47032	46761	47062	46951	0.35	cps
Nickel	60-2	56513	54984	55368	55622	1.43	cps
Phosphorus	31-2	19800	19930	19910	19880	0.35	cps
Potassium	39-2	4143214	4120013	4127895	4130374	0.29	cps
Rhodium	103-1	8832469	8780851	8891560	8834960	0.63	cps
Rhodium	103-2	5471654	5498673	5503288	5491205	0.31	cps
Scandium	45-1	5943702	5963476	6020414	5975864	0.67	cps
Scandium	45-2	547034	547980	545220	546745	0.26	cps
Selenium	82-1	603	640	659	634	4.47	cps
Selenium	77-2	193	183	163	180	8.49	cps
Selenium	78-2	430	490	533	484	10.71	cps
Silicon	28-1	24726288	26434475	25797540	25652767	3.37	cps
Silver	107-1	4154	4024	3937	4038	2.70	cps
Silver	109-1	3861	3670	3767	3766	2.52	cps
Sodium	23-2	210330	211964	211587	211294	0.40	cps
Strontium	86-1	181645	183879	185796	183774	1.13	cps
Strontium	88-1	1546261	1596010	1609464	1583912	2.10	cps
Sulfur	34-1	257671	255167	254397	255745	0.67	cps
Terbium	159-1	11708830	11806489	12010144	11841821	1.30	cps
Terbium	159-2	7931029	7889156	7705987	7842057	1.53	cps
Thallium	203-1	1863	1787	1877	1842	2.64	cps
Thallium	205-1	4324	4424	4277	4342	1.73	cps
Tin	118-1	17547	17945	17831	17774	1.15	cps
Titanium	47-1	907090	924528	938773	923464	1.72	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4247-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD9N6	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:19:54	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14047	14682	14425	14385	2.22	cps
Vanadium	51-2	292900	290165	291242	291436	0.47	cps
Yttrium	89-1	16367126	16403871	16496026	16422341	0.40	cps
Yttrium	89-2	4171160	4175969	4145191	4164107	0.40	cps
Zinc	66-2	123633	123485	121643	122921	0.90	cps
Zirconium	90-1	70096	71078	71278	70817	0.89	cps
Zirconium	91-1	15945	16015	16169	16043	0.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:23:09	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14884106	14777327	14677848	14779760	0.70	cps
Antimony	121-1	10317	10584	10380	10427	1.34	cps
Arsenic	75-2	60938	60365	60315	60539	0.57	cps
Barium	135-1	536115	544164	543382	541220	0.82	cps
Barium	137-1	935820	943740	939195	939585	0.42	cps
Beryllium	9-1	1393	1317	1353	1355	2.83	cps
Bismuth	209-1	6889355	6751142	6906962	6849153	1.25	cps
Bismuth	209-2	5250576	5270764	5434388	5318576	1.90	cps
Bromine	81-1	18074	17761	17140	17658	2.69	cps
Bromine	81-2	1577	1387	1357	1440	8.29	cps
Cadmium	108-1	527	490	620	546	12.29	cps
Cadmium	106-1	3861	4007	4221	4029	4.49	cps
Cadmium	111-1	8942	9004	9049	8998	0.60	cps
Calcium	43-1	167024	170758	167712	168498	1.18	cps
Calcium	44-1	2512623	2525942	2573112	2537226	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510360	506235	509028	508541	0.41	cps
Cobalt	59-2	471182	471191	468800	470391	0.29	cps
Copper	63-2	1859578	1861092	1842131	1854267	0.57	cps
Dysprosium	156-1	48142	49169	49450	48920	1.41	cps
Dysprosium	156-2	37139	37116	37761	37338	0.98	cps
Erbium	164-1	49143	49825	51448	50139	2.36	cps
Erbium	164-2	34202	33838	33423	33821	1.15	cps
Gadolinium	160-1	50902	51942	50624	51156	1.36	cps
Gadolinium	160-2	37243	36401	36117	36587	1.60	cps
Holmium	165-1	11230985	11404325	11275860	11303723	0.80	cps
Holmium	165-2	7744401	7846274	7619538	7736738	1.47	cps
Indium	115-1	9099224	9239815	9217541	9185527	0.82	cps
Indium	115-2	3120709	3125151	3096925	3114262	0.49	cps
Iron	56-2	534487392	532272885	529306165	532022148	0.49	cps
Iron	57-2	13128925	13029254	13089240	13082473	0.38	cps
Iron	54-2	29448370	29264761	29129792	29280974	0.55	cps
Krypton	83-1	380	373	423	392	6.92	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:23:09	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	723927	731348	729820	728365	0.54	cps
Lead	207-1	644563	644921	645578	645021	0.08	cps
Lead	208-1	2896860	2932367	2910889	2913372	0.61	cps
Lithium	6-1	1581129	1559498	1582115	1574247	0.81	cps
Magnesium	24-2	17198058	17059132	17063686	17106959	0.46	cps
Manganese	55-2	9314430	9310886	9234352	9286556	0.49	cps
Molybdenum	94-1	38169	37785	37381	37778	1.04	cps
Molybdenum	95-1	8246	8256	8446	8316	1.36	cps
Molybdenum	96-1	19680	19436	19440	19519	0.72	cps
Molybdenum	97-1	5281	5161	5014	5152	2.59	cps
Molybdenum	98-1	12722	12976	12969	12889	1.12	cps
Neodymium	150-1	68402	68083	69477	68654	1.06	cps
Neodymium	150-2	39104	39255	38165	38841	1.52	cps
Nickel	60-2	154196	155392	155827	155139	0.54	cps
Phosphorus	31-2	16205	15728	15685	15873	1.82	cps
Potassium	39-2	2353472	2283881	2305166	2314173	1.54	cps
Rhodium	103-1	8745954	8657562	8695021	8699513	0.51	cps
Rhodium	103-2	5419422	5380332	5302327	5367361	1.11	cps
Scandium	45-1	6636428	6652740	6608946	6632705	0.33	cps
Scandium	45-2	607064	600086	603756	603635	0.58	cps
Selenium	82-1	709	701	637	682	5.76	cps
Selenium	77-2	143	157	207	169	19.77	cps
Selenium	78-2	433	487	477	466	6.09	cps
Silicon	28-1	18092257	18172329	18367256	18210614	0.78	cps
Silver	107-1	8226	8209	8449	8295	1.62	cps
Silver	109-1	7702	7869	7542	7704	2.12	cps
Sodium	23-2	154840	154950	156011	155267	0.42	cps
Strontium	86-1	120797	123547	122656	122333	1.15	cps
Strontium	88-1	1054499	1073754	1064346	1064200	0.90	cps
Sulfur	34-1	230158	227427	229359	228981	0.61	cps
Terbium	159-1	11552718	11706032	11601839	11620196	0.67	cps
Terbium	159-2	7775049	7564896	7695791	7678579	1.38	cps
Thallium	203-1	1663	1620	1623	1636	1.47	cps
Thallium	205-1	3857	3771	3787	3805	1.21	cps
Tin	118-1	19193	19263	19343	19266	0.39	cps
Titanium	47-1	658646	670676	668463	665928	0.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:23:09	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18409	18323	18466	18399	0.39	cps
Vanadium	51-2	1729048	1731682	1698116	1719615	1.09	cps
Yttrium	89-1	16523299	16523104	16622204	16556202	0.35	cps
Yttrium	89-2	4161949	4139599	4158249	4153266	0.29	cps
Zinc	66-2	265610	263330	263487	264142	0.48	cps
Zirconium	90-1	87911	89021	91188	89373	1.86	cps
Zirconium	91-1	19707	19854	19810	19790	0.38	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:26:20	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12278288	12239749	12284403	12267480	0.20	cps
Antimony	121-1	9683	10027	9890	9867	1.75	cps
Arsenic	75-2	87455	87184	87560	87400	0.22	cps
Barium	135-1	483483	497368	496718	492523	1.59	cps
Barium	137-1	843448	854172	850727	849449	0.64	cps
Beryllium	9-1	1173	1147	1157	1159	1.16	cps
Bismuth	209-1	6780508	6772828	6861029	6804789	0.72	cps
Bismuth	209-2	5427624	5293303	5420985	5380637	1.41	cps
Bromine	81-1	14150	14334	14481	14321	1.16	cps
Bromine	81-2	1083	1097	1037	1072	2.94	cps
Cadmium	108-1	407	390	410	402	2.66	cps
Cadmium	106-1	3854	3777	3804	3812	1.02	cps
Cadmium	111-1	7041	7139	7117	7099	0.72	cps
Calcium	43-1	137200	139258	140917	139125	1.34	cps
Calcium	44-1	2065914	2111233	2136655	2104600	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485931	484842	488450	486408	0.38	cps
Cobalt	59-2	402013	398269	400818	400366	0.48	cps
Copper	63-2	1593439	1607359	1616877	1605892	0.73	cps
Dysprosium	156-1	36347	37560	36658	36855	1.71	cps
Dysprosium	156-2	28011	28248	28305	28188	0.55	cps
Erbium	164-1	39161	40733	39626	39840	2.03	cps
Erbium	164-2	27658	26539	27250	27149	2.09	cps
Gadolinium	160-1	38693	38493	38934	38707	0.57	cps
Gadolinium	160-2	28619	27564	27874	28019	1.94	cps
Holmium	165-1	11233826	11117999	11350415	11234080	1.03	cps
Holmium	165-2	7825266	7893664	7726463	7815131	1.08	cps
Indium	115-1	9021695	9102286	8961888	9028623	0.78	cps
Indium	115-2	3140479	3091135	3102819	3111478	0.83	cps
Iron	56-2	475369486	470726660	475047300	473714482	0.55	cps
Iron	57-2	11631099	11583809	11653962	11622957	0.31	cps
Iron	54-2	25967753	25801141	26223559	25997484	0.82	cps
Krypton	83-1	317	383	377	359	10.23	cps

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:26:20	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	598813	604407	611808	605009	1.08	cps
Lead	207-1	529939	536804	537844	534862	0.80	cps
Lead	208-1	2395141	2422220	2426148	2414503	0.70	cps
Lithium	6-1	1553648	1553948	1564362	1557319	0.39	cps
Magnesium	24-2	13812414	13675062	13781951	13756476	0.52	cps
Manganese	55-2	7122856	7022379	7131043	7092093	0.85	cps
Molybdenum	94-1	30943	30542	31471	30985	1.50	cps
Molybdenum	95-1	5464	5861	5751	5692	3.60	cps
Molybdenum	96-1	15135	15548	15265	15316	1.38	cps
Molybdenum	97-1	3494	3507	3677	3559	2.87	cps
Molybdenum	98-1	8639	8816	8886	8780	1.45	cps
Neodymium	150-1	49179	50778	51005	50321	1.98	cps
Neodymium	150-2	28890	28405	28829	28708	0.92	cps
Nickel	60-2	162604	164332	162011	162982	0.74	cps
Phosphorus	31-2	15344	15358	15772	15491	1.57	cps
Potassium	39-2	2853549	2798495	2838675	2830240	1.01	cps
Rhodium	103-1	8493464	8549643	8503938	8515682	0.35	cps
Rhodium	103-2	5363787	5400526	5377367	5380560	0.35	cps
Scandium	45-1	6343844	6331315	6451793	6375651	1.04	cps
Scandium	45-2	590181	590877	588014	589691	0.25	cps
Selenium	82-1	677	609	627	638	5.52	cps
Selenium	77-2	123	140	123	129	7.46	cps
Selenium	78-2	547	427	413	462	15.89	cps
Silicon	28-1	18260147	18240016	18702729	18400964	1.42	cps
Silver	107-1	5474	5638	5705	5606	2.11	cps
Silver	109-1	5198	5334	5574	5369	3.55	cps
Sodium	23-2	157459	156179	159789	157809	1.16	cps
Strontium	86-1	101939	102836	104292	103022	1.15	cps
Strontium	88-1	887261	899848	903673	896927	0.96	cps
Sulfur	34-1	226792	224119	225480	225464	0.59	cps
Terbium	159-1	11262087	11452468	11531031	11415195	1.21	cps
Terbium	159-2	7719469	7778917	7775199	7757861	0.43	cps
Thallium	203-1	1470	1400	1523	1465	4.22	cps
Thallium	205-1	3494	3627	3641	3587	2.26	cps
Tin	118-1	17334	17668	17834	17612	1.45	cps
Titanium	47-1	978273	998094	1000239	992202	1.22	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:26:20	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11485	11155	11208	11283	1.57	cps
Vanadium	51-2	1527467	1507480	1512311	1515752	0.69	cps
Yttrium	89-1	16146071	16239612	16315335	16233673	0.52	cps
Yttrium	89-2	4075565	4045683	4115277	4078842	0.86	cps
Zinc	66-2	209403	209499	208782	209228	0.19	cps
Zirconium	90-1	75191	76407	76669	76089	1.04	cps
Zirconium	91-1	16726	17547	17534	17269	2.72	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:29:34	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14080535	14038755	14132379	14083890	0.33	cps
Antimony	121-1	7786	7349	7352	7495	3.35	cps
Arsenic	75-2	55356	55028	54667	55017	0.63	cps
Barium	135-1	416870	421294	424881	421015	0.95	cps
Barium	137-1	717183	732276	735309	728256	1.33	cps
Beryllium	9-1	1160	1270	1197	1209	4.63	cps
Bismuth	209-1	6808771	6933060	7047089	6929640	1.72	cps
Bismuth	209-2	5306331	5316342	5359381	5327352	0.53	cps
Bromine	81-1	14574	14457	14731	14587	0.94	cps
Bromine	81-2	1133	1160	1043	1112	5.50	cps
Cadmium	108-1	440	497	493	477	6.67	cps
Cadmium	106-1	3671	3871	3724	3755	2.76	cps
Cadmium	111-1	7546	7960	7629	7711	2.84	cps
Calcium	43-1	185850	189726	191536	189037	1.54	cps
Calcium	44-1	2840746	2865303	2877501	2861183	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510454	511675	512400	511510	0.19	cps
Cobalt	59-2	487353	484049	484081	485161	0.39	cps
Copper	63-2	1731764	1780922	1744698	1752462	1.45	cps
Dysprosium	156-1	35067	35876	35829	35591	1.28	cps
Dysprosium	156-2	27537	27861	27343	27580	0.95	cps
Erbium	164-1	36899	37366	36959	37075	0.69	cps
Erbium	164-2	24849	25557	25156	25187	1.41	cps
Gadolinium	160-1	38102	37417	38352	37957	1.28	cps
Gadolinium	160-2	28025	26959	27437	27474	1.94	cps
Holmium	165-1	11159537	11120287	11168974	11149599	0.23	cps
Holmium	165-2	7995079	7767924	7727168	7830057	1.84	cps
Indium	115-1	8950139	9075647	9178741	9068176	1.26	cps
Indium	115-2	3103613	3082314	3088088	3091338	0.36	cps
Iron	56-2	511149686	507950899	511310086	510136890	0.37	cps
Iron	57-2	12616202	12490724	12430584	12512503	0.76	cps
Iron	54-2	27930276	27864069	27892093	27895479	0.12	cps
Krypton	83-1	283	393	313	330	17.23	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:29:34	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	643054	648366	651330	647583	0.65	cps
Lead	207-1	568188	574765	578441	573798	0.91	cps
Lead	208-1	2570959	2606514	2609438	2595637	0.83	cps
Lithium	6-1	1557794	1614503	1566869	1579722	1.93	cps
Magnesium	24-2	16538482	16436551	16443513	16472849	0.35	cps
Manganese	55-2	8383581	8287748	8384402	8351910	0.67	cps
Molybdenum	94-1	26110	26992	27499	26867	2.62	cps
Molybdenum	95-1	5548	5808	5831	5729	2.75	cps
Molybdenum	96-1	14727	15105	14924	14919	1.26	cps
Molybdenum	97-1	3160	3640	3460	3420	7.09	cps
Molybdenum	98-1	8466	8816	8583	8622	2.07	cps
Neodymium	150-1	49048	49971	51403	50141	2.37	cps
Neodymium	150-2	28342	29404	29100	28949	1.89	cps
Nickel	60-2	169917	169475	168037	169143	0.58	cps
Phosphorus	31-2	14040	14580	13913	14178	2.50	cps
Potassium	39-2	2407838	2439272	2389347	2412152	1.05	cps
Rhodium	103-1	8449303	8565293	8593032	8535876	0.89	cps
Rhodium	103-2	5388017	5303696	5320433	5337382	0.84	cps
Scandium	45-1	6249557	6279715	6341839	6290371	0.75	cps
Scandium	45-2	575826	576283	577565	576558	0.16	cps
Selenium	82-1	656	563	697	639	10.68	cps
Selenium	77-2	123	133	127	128	3.98	cps
Selenium	78-2	497	533	477	502	5.72	cps
Silicon	28-1	21036015	21496489	21855787	21462764	1.91	cps
Silver	107-1	7539	7259	7555	7451	2.24	cps
Silver	109-1	7142	6985	7025	7051	1.15	cps
Sodium	23-2	166283	168207	167341	167277	0.58	cps
Strontium	86-1	109134	112196	112600	111310	1.70	cps
Strontium	88-1	962255	972895	980954	972035	0.96	cps
Sulfur	34-1	230056	231700	232238	231332	0.49	cps
Terbium	159-1	11258708	11525304	11627958	11470656	1.66	cps
Terbium	159-2	7785338	7770636	7717441	7757805	0.46	cps
Thallium	203-1	1367	1443	1383	1398	2.88	cps
Thallium	205-1	3044	3320	3304	3223	4.82	cps
Tin	118-1	17905	18449	18375	18243	1.62	cps
Titanium	47-1	1227064	1245860	1252438	1241787	1.06	cps

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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:29:34	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11889	12730	12639	12419	3.72	cps
Vanadium	51-2	1509231	1510868	1497274	1505791	0.49	cps
Yttrium	89-1	15998114	16134562	16180844	16104507	0.59	cps
Yttrium	89-2	4125303	4068132	4076087	4089840	0.76	cps
Zinc	66-2	252405	252013	250924	251781	0.30	cps
Zirconium	90-1	64705	67119	66560	66128	1.91	cps
Zirconium	91-1	14350	14791	14684	14608	1.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:32:45	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13865847	13847150	13900260	13871086	0.19	cps
Antimony	121-1	8703	8663	8773	8713	0.64	cps
Arsenic	75-2	78600	79176	78734	78837	0.38	cps
Barium	135-1	356034	354439	356541	355671	0.31	cps
Barium	137-1	616191	623920	625543	621885	0.80	cps
Beryllium	9-1	1083	1013	1083	1060	3.81	cps
Bismuth	209-1	7045882	7091731	7009419	7049010	0.59	cps
Bismuth	209-2	5408976	5404918	5453993	5422629	0.50	cps
Bromine	81-1	14077	14581	14404	14354	1.78	cps
Bromine	81-2	1040	1067	1227	1111	9.09	cps
Cadmium	108-1	503	487	433	474	7.71	cps
Cadmium	106-1	3957	3851	3851	3886	1.59	cps
Cadmium	111-1	7279	7432	7256	7322	1.31	cps
Calcium	43-1	165963	169451	169410	168274	1.19	cps
Calcium	44-1	2527995	2582405	2575233	2561878	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	526084	523081	527261	525475	0.41	cps
Cobalt	59-2	433669	439426	437179	436758	0.66	cps
Copper	63-2	1647347	1607730	1631872	1628983	1.23	cps
Dysprosium	156-1	38727	39108	38763	38866	0.54	cps
Dysprosium	156-2	29638	30136	30263	30012	1.10	cps
Erbium	164-1	40545	40639	40606	40597	0.12	cps
Erbium	164-2	27417	27901	27437	27585	0.99	cps
Gadolinium	160-1	40508	40910	42461	41293	2.50	cps
Gadolinium	160-2	29869	30032	29965	29955	0.27	cps
Holmium	165-1	11230547	11283466	11439020	11317677	0.96	cps
Holmium	165-2	7842461	8023922	7988636	7951673	1.21	cps
Indium	115-1	9068287	9128935	9134648	9110623	0.40	cps
Indium	115-2	3150675	3145533	3174193	3156800	0.48	cps
Iron	56-2	491257646	489070473	490551046	490293055	0.23	cps
Iron	57-2	12005372	12000940	12100596	12035636	0.47	cps
Iron	54-2	26927405	26787810	26950880	26888699	0.33	cps
Krypton	83-1	360	347	327	344	4.87	cps

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LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:32:45	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	509162	515925	514517	513201	0.70	cps
Lead	207-1	455694	462080	463753	460509	0.92	cps
Lead	208-1	2058069	2082442	2085902	2075471	0.73	cps
Lithium	6-1	1612864	1604271	1602364	1606500	0.35	cps
Magnesium	24-2	16000564	16018326	15996647	16005179	0.07	cps
Manganese	55-2	7019640	6958490	7012319	6996816	0.48	cps
Molybdenum	94-1	28120	28314	28909	28448	1.44	cps
Molybdenum	95-1	5481	5648	5751	5627	2.42	cps
Molybdenum	96-1	14894	14981	15128	15001	0.79	cps
Molybdenum	97-1	3480	3497	3737	3572	4.02	cps
Molybdenum	98-1	8699	8459	8779	8646	1.93	cps
Neodymium	150-1	53314	54509	53448	53757	1.22	cps
Neodymium	150-2	31281	30306	31268	30952	1.81	cps
Nickel	60-2	177550	178006	174994	176850	0.92	cps
Phosphorus	31-2	13569	13219	13559	13449	1.48	cps
Potassium	39-2	1538578	1547500	1520476	1535518	0.90	cps
Rhodium	103-1	8643228	8598787	8682406	8641474	0.48	cps
Rhodium	103-2	5397070	5332557	5479549	5403059	1.36	cps
Scandium	45-1	6540236	6629813	6603215	6591088	0.70	cps
Scandium	45-2	603141	599322	598934	600466	0.39	cps
Selenium	82-1	617	677	735	676	8.77	cps
Selenium	77-2	173	100	130	134	27.42	cps
Selenium	78-2	390	427	473	430	9.71	cps
Silicon	28-1	20225497	20433956	20716860	20458771	1.21	cps
Silver	107-1	4607	4584	4988	4726	4.79	cps
Silver	109-1	4611	4434	4661	4569	2.61	cps
Sodium	23-2	144614	143807	144920	144447	0.40	cps
Strontium	86-1	122031	124023	123909	123321	0.91	cps
Strontium	88-1	1062956	1079057	1090703	1077572	1.29	cps
Sulfur	34-1	232387	234384	230813	232528	0.77	cps
Terbium	159-1	11597839	11520421	11847104	11655122	1.46	cps
Terbium	159-2	7747465	7740292	7879167	7788975	1.00	cps
Thallium	203-1	1280	1167	1027	1158	10.96	cps
Thallium	205-1	2954	2754	2790	2833	3.76	cps
Tin	118-1	18202	18175	18612	18330	1.34	cps
Titanium	47-1	720875	735786	734772	730478	1.14	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:32:45	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12730	12723	12956	12803	1.04	cps
Vanadium	51-2	1618331	1597445	1595563	1603780	0.79	cps
Yttrium	89-1	16340848	16318938	16406675	16355487	0.28	cps
Yttrium	89-2	4124487	4155494	4114674	4131552	0.52	cps
Zinc	66-2	230590	231839	233434	231954	0.61	cps
Zirconium	90-1	68576	70779	70545	69967	1.73	cps
Zirconium	91-1	15538	16082	16019	15880	1.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:36:00	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11132878	11044607	10989917	11055800	0.65	cps
Antimony	121-1	18973	19350	19590	19304	1.61	cps
Arsenic	75-2	78596	78972	78848	78805	0.24	cps
Barium	135-1	349085	356396	355964	353815	1.16	cps
Barium	137-1	603765	609075	620516	611119	1.40	cps
Beryllium	9-1	1173	1107	1220	1167	4.88	cps
Bismuth	209-1	6904589	6998867	7064841	6989433	1.15	cps
Bismuth	209-2	5441131	5444606	5439445	5441727	0.05	cps
Bromine	81-1	13390	13306	13012	13236	1.50	cps
Bromine	81-2	817	943	947	902	8.21	cps
Cadmium	108-1	673	623	583	627	7.20	cps
Cadmium	106-1	3827	3897	3931	3885	1.36	cps
Cadmium	111-1	7572	7723	7811	7702	1.57	cps
Calcium	43-1	227888	236704	235327	233306	2.03	cps
Calcium	44-1	3462992	3556076	3543527	3520865	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	662432	660323	662693	661816	0.20	cps
Cobalt	59-2	560168	557329	559056	558851	0.26	cps
Copper	63-2	1934805	1892361	1901456	1909541	1.17	cps
Dysprosium	156-1	24051	24625	24645	24440	1.38	cps
Dysprosium	156-2	19257	18910	18719	18962	1.44	cps
Erbium	164-1	26786	26866	27323	26992	1.07	cps
Erbium	164-2	17765	17932	18172	17956	1.14	cps
Gadolinium	160-1	23700	25136	24442	24426	2.94	cps
Gadolinium	160-2	17781	18052	18335	18056	1.53	cps
Holmium	165-1	11316654	11399922	11480768	11399115	0.72	cps
Holmium	165-2	7836284	7773072	7939206	7849521	1.07	cps
Indium	115-1	8954756	9044096	9135954	9044935	1.00	cps
Indium	115-2	3124067	3166471	3150734	3147091	0.68	cps
Iron	56-2	422120900	416614514	415523114	418086176	0.85	cps
Iron	57-2	10393170	10298652	10298560	10330127	0.53	cps
Iron	54-2	23100970	22966305	22797410	22954895	0.66	cps
Krypton	83-1	343	313	367	341	7.84	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:36:00	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	676476	694074	696339	688963	1.58	cps
Lead	207-1	597540	611417	618143	609033	1.73	cps
Lead	208-1	2712134	2759911	2783648	2751898	1.32	cps
Lithium	6-1	1551687	1591672	1598968	1580776	1.61	cps
Magnesium	24-2	11747446	11662121	11648626	11686064	0.46	cps
Manganese	55-2	7550006	7455008	7478997	7494670	0.66	cps
Molybdenum	94-1	42100	43484	42699	42761	1.62	cps
Molybdenum	95-1	5334	5611	5798	5581	4.18	cps
Molybdenum	96-1	16249	16783	17010	16681	2.34	cps
Molybdenum	97-1	3370	3440	3534	3448	2.38	cps
Molybdenum	98-1	8679	8549	8959	8729	2.40	cps
Neodymium	150-1	34602	35565	36180	35449	2.24	cps
Neodymium	150-2	20361	19761	20241	20121	1.58	cps
Nickel	60-2	185765	185263	185579	185536	0.14	cps
Phosphorus	31-2	14977	14904	14627	14836	1.25	cps
Potassium	39-2	2790073	2800735	2802490	2797766	0.24	cps
Rhodium	103-1	8443549	8595927	8582610	8540695	0.99	cps
Rhodium	103-2	5395070	5411808	5391877	5399585	0.20	cps
Scandium	45-1	5958122	6086700	6123572	6056131	1.43	cps
Scandium	45-2	556349	553641	551995	553995	0.40	cps
Selenium	82-1	641	681	615	645	5.13	cps
Selenium	77-2	100	80	83	88	12.21	cps
Selenium	78-2	503	407	460	457	10.60	cps
Silicon	28-1	16471899	16832290	16979915	16761368	1.56	cps
Silver	107-1	6565	6842	7185	6864	4.53	cps
Silver	109-1	6138	6255	6532	6308	3.20	cps
Sodium	23-2	178576	178970	180278	179275	0.50	cps
Strontium	86-1	112983	115462	116227	114891	1.48	cps
Strontium	88-1	982229	1005586	1009322	999046	1.47	cps
Sulfur	34-1	235043	235328	234695	235022	0.13	cps
Terbium	159-1	11519877	11538936	11662845	11573886	0.67	cps
Terbium	159-2	7782146	7749061	7642746	7724651	0.94	cps
Thallium	203-1	1573	1570	1667	1603	3.42	cps
Thallium	205-1	4027	3661	4094	3927	5.94	cps
Tin	118-1	21573	22090	22040	21901	1.30	cps
Titanium	47-1	2507127	2543595	2554391	2535038	0.98	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13DLX2	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	2
Date & Time Acquired :	2024-10-25 09:36:00	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12519	13297	12956	12924	3.02	cps
Vanadium	51-2	959866	953059	948072	953666	0.62	cps
Yttrium	89-1	15676280	15885369	15950089	15837246	0.90	cps
Yttrium	89-2	4054699	4067365	4058203	4060089	0.16	cps
Zinc	66-2	224482	223949	223176	223869	0.29	cps
Zirconium	90-1	105341	109598	108547	107829	2.06	cps
Zirconium	91-1	23746	24420	24908	24358	2.40	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:43:43	DataFile Name :	125CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13375518	13086176	13220041	13227245	1.09	cps
Antimony	121-1	5211889	5290364	5327706	5276653	1.12	cps
Arsenic	75-2	296427	292276	294903	294535	0.71	cps
Barium	135-1	7026797	7110889	7030077	7055921	0.68	cps
Barium	137-1	11938405	12203504	12157534	12099814	1.17	cps
Beryllium	9-1	898739	912954	911498	907730	0.86	cps
Bismuth	209-1	6507850	6479171	6525145	6504055	0.36	cps
Bismuth	209-2	5023975	4965410	4954192	4981193	0.75	cps
Bromine	81-1	10280	10234	10951	10488	3.83	cps
Bromine	81-2	273	267	240	260	6.79	cps
Cadmium	108-1	96290	97975	98165	97477	1.06	cps
Cadmium	106-1	139391	140875	141151	140472	0.67	cps
Cadmium	111-1	1300209	1305112	1314494	1306605	0.56	cps
Calcium	43-1	7900964	7959846	7969369	7943393	0.47	cps
Calcium	44-1	126814378	127757231	128191418	127587676	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2442254	2457148	2455982	2451795	0.34	cps
Cobalt	59-2	3926928	3919622	3922172	3922907	0.09	cps
Copper	63-2	27672047	27647443	27459335	27592942	0.42	cps
Dysprosium	156-1	360	367	333	353	4.99	cps
Dysprosium	156-2	433	470	467	457	4.44	cps
Erbium	164-1	320	337	303	320	5.21	cps
Erbium	164-2	183	257	217	219	16.77	cps
Gadolinium	160-1	237	193	253	228	13.60	cps
Gadolinium	160-2	370	430	430	410	8.45	cps
Holmium	165-1	11097144	11187178	11228527	11170950	0.60	cps
Holmium	165-2	7675545	7629984	7778066	7694532	0.99	cps
Indium	115-1	8572517	8536891	8534924	8548111	0.25	cps
Indium	115-2	3017533	3019454	3011248	3016079	0.14	cps
Iron	56-2	522752872	517596072	523097486	521148810	0.59	cps
Iron	57-2	12977302	12978345	12997436	12984361	0.09	cps
Iron	54-2	28747155	28210455	28638259	28531956	0.99	cps
Krypton	83-1	327	287	290	301	7.37	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:43:43	DataFile Name :	125CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19723791	19848163	19779460	19783804	0.31	cps
Lead	207-1	17615249	17706379	17608008	17643212	0.31	cps
Lead	208-1	79657647	80199015	79675995	79844219	0.38	cps
Lithium	6-1	1540523	1568112	1547584	1552073	0.92	cps
Magnesium	24-2	112314935	111529638	111676592	111840388	0.37	cps
Manganese	55-2	17712575	17434794	17714711	17620693	0.91	cps
Molybdenum	94-1	20890656	21076014	21232986	21066552	0.81	cps
Molybdenum	95-1	31002636	31105467	30996012	31034705	0.20	cps
Molybdenum	96-1	33364707	33762174	33423661	33516847	0.64	cps
Molybdenum	97-1	19094886	19273514	18961030	19109810	0.82	cps
Molybdenum	98-1	48983999	49346239	48950871	49093703	0.45	cps
Neodymium	150-1	403	343	373	373	8.04	cps
Neodymium	150-2	143	190	140	158	17.72	cps
Nickel	60-2	979449	980809	979707	979988	0.07	cps
Phosphorus	31-2	147634	142600	145510	145248	1.74	cps
Potassium	39-2	69736354	68830269	69237677	69268100	0.66	cps
Rhodium	103-1	8089069	8023943	7883179	7998730	1.32	cps
Rhodium	103-2	4947708	4946497	4962024	4952076	0.17	cps
Scandium	45-1	5571350	5636038	5514985	5574124	1.09	cps
Scandium	45-2	520107	512317	520343	517589	0.88	cps
Selenium	82-1	84246	85426	85569	85080	0.85	cps
Selenium	77-2	8419	8272	8279	8324	1.00	cps
Selenium	78-2	28477	28090	28237	28268	0.69	cps
Silicon	28-1	23786515	23905728	24166528	23952924	0.81	cps
Silver	107-1	6611387	6584376	6655699	6617154	0.54	cps
Silver	109-1	6226503	6155318	6073360	6151727	1.25	cps
Sodium	23-2	192968930	191688364	190406897	191688064	0.67	cps
Strontium	86-1	44915751	45097843	45009578	45007724	0.20	cps
Strontium	88-1	394241394	394251607	395410981	394634661	0.17	cps
Sulfur	34-1	733754	740962	738145	737620	0.49	cps
Terbium	159-1	11212422	11391724	11464767	11356304	1.14	cps
Terbium	159-2	7547152	7617303	7685051	7616502	0.91	cps
Thallium	203-1	4882077	5080458	5039103	5000546	2.09	cps
Thallium	205-1	11719817	11843954	11807325	11790365	0.54	cps
Tin	118-1	4421805	4456773	4535565	4471381	1.30	cps
Titanium	47-1	8338874	8517461	8386648	8414328	1.10	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:43:43	DataFile Name :	125CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16027591	16221174	16075123	16107963	0.63	cps
Vanadium	51-2	2226811	2161082	2188525	2192139	1.51	cps
Yttrium	89-1	15141476	15178238	15155448	15158387	0.12	cps
Yttrium	89-2	3868285	3847924	3880137	3865449	0.42	cps
Zinc	66-2	4274798	4210094	4220124	4235005	0.82	cps
Zirconium	90-1	9638711	9744844	9880097	9754550	1.24	cps
Zirconium	91-1	2157275	2150460	2179838	2162524	0.71	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:46:30	DataFile Name :	126CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7399	7258	7605	7421	2.35	cps
Antimony	121-1	4237	4254	4381	4291	1.83	cps
Arsenic	75-2	20	30	23	24	20.83	cps
Barium	135-1	603	530	377	503	22.98	cps
Barium	137-1	953	920	683	852	17.27	cps
Beryllium	9-1	110	77	113	100	20.27	cps
Bismuth	209-1	6968857	6945339	6915453	6943216	0.39	cps
Bismuth	209-2	5490622	5505294	5616722	5537546	1.25	cps
Bromine	81-1	9536	10177	10063	9926	3.44	cps
Bromine	81-2	240	217	250	236	7.26	cps
Cadmium	108-1	30	43	17	30	44.43	cps
Cadmium	106-1	2887	3247	2994	3043	6.08	cps
Cadmium	111-1	2173	2366	2207	2249	4.57	cps
Calcium	43-1	790	887	757	811	8.32	cps
Calcium	44-1	28210	27927	26294	27477	3.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060	1120	1210	1130	6.68	cps
Cobalt	59-2	247	300	247	264	11.65	cps
Copper	63-2	2990	2797	2727	2838	4.81	cps
Dysprosium	156-1	107	100	70	92	21.18	cps
Dysprosium	156-2	23	17	33	24	34.31	cps
Erbium	164-1	57	73	73	68	14.19	cps
Erbium	164-2	37	97	40	58	58.36	cps
Gadolinium	160-1	40	73	70	61	30.04	cps
Gadolinium	160-2	263	293	273	277	5.52	cps
Holmium	165-1	10997082	10983643	11167468	11049398	0.93	cps
Holmium	165-2	7752865	7718380	7860151	7777132	0.95	cps
Indium	115-1	8950472	8975479	8996642	8974198	0.26	cps
Indium	115-2	3180203	3074735	3126557	3127165	1.69	cps
Iron	56-2	43496	42657	42283	42812	1.45	cps
Iron	57-2	2174	2237	2410	2274	5.39	cps
Iron	54-2	3644	3417	3650	3570	3.72	cps
Krypton	83-1	320	210	337	289	23.83	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:46:30	DataFile Name :	126CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2387	2080	1863	2110	12.46	cps
Lead	207-1	1923	1967	1693	1861	7.89	cps
Lead	208-1	9208	8158	7271	8212	11.81	cps
Lithium	6-1	1577990	1595197	1591308	1588165	0.57	cps
Magnesium	24-2	5001	4861	4844	4902	1.76	cps
Manganese	55-2	1590	1457	1477	1508	4.77	cps
Molybdenum	94-1	3474	2910	2774	3053	12.16	cps
Molybdenum	95-1	2710	2300	2417	2476	8.53	cps
Molybdenum	96-1	3297	2890	2607	2931	11.83	cps
Molybdenum	97-1	1653	1483	1487	1541	6.31	cps
Molybdenum	98-1	4504	3811	3764	4026	10.30	cps
Neodymium	150-1	20	17	10	16	32.73	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	187	243	273	234	18.77	cps
Phosphorus	31-2	137	140	163	147	9.91	cps
Potassium	39-2	74112	73841	74494	74149	0.44	cps
Rhodium	103-1	8527256	8497201	8614139	8546199	0.71	cps
Rhodium	103-2	5465478	5355997	5432564	5418013	1.04	cps
Scandium	45-1	5523492	5561694	5537786	5540991	0.35	cps
Scandium	45-2	515891	507122	508837	510617	0.91	cps
Selenium	82-1	427	506	484	472	8.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	280	307	280	289	5.33	cps
Silicon	28-1	296378	293137	295958	295158	0.60	cps
Silver	107-1	1090	923	790	934	16.09	cps
Silver	109-1	960	763	757	827	13.97	cps
Sodium	23-2	64969	64682	64287	64646	0.53	cps
Strontium	86-1	2864	2530	2324	2572	10.59	cps
Strontium	88-1	22631	18959	16803	19464	15.14	cps
Sulfur	34-1	248606	251149	248764	249506	0.57	cps
Terbium	159-1	11360930	11277429	11397658	11345339	0.54	cps
Terbium	159-2	7677633	7654143	7590339	7640705	0.59	cps
Thallium	203-1	1137	887	737	920	21.97	cps
Thallium	205-1	2820	2194	1913	2309	20.11	cps
Tin	118-1	2724	3257	3134	3038	9.19	cps
Titanium	47-1	763	743	753	753	1.33	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 09:46:30	DataFile Name :	126CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	860	710	587	719	19.04	cps
Vanadium	51-2	83	120	63	89	32.33	cps
Yttrium	89-1	15008321	15236436	15133326	15126028	0.76	cps
Yttrium	89-2	3947252	3930021	3944204	3940492	0.23	cps
Zinc	66-2	980	1017	850	949	9.23	cps
Zirconium	90-1	4884	4311	4164	4453	8.55	cps
Zirconium	91-1	1090	1017	820	976	14.31	cps

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB163911

SOP ID : M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

SDG No : N/A

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: 10/04/2024 **Time :** 11:00 **Temp :** 95 °C

End Digest Date: 10/04/2024 **Time :** 13:10 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: jepp

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	0.50	MP82582
Spike Sol. B	0.50	MP82584
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	MP81119
1:1 HCL	0.50	MP82127
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 #49 : 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/4/24 13:20	jepp / Met-dig	(Metals Lab)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB163911

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
P4227-01	PMW-1(20240925)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	21
P4227-02	PMW-2(20240925)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	22
P4227-03	PMW-9S(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	23
P4227-04	PMW-9D(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	24
P4227-05	PMW-8S(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	25
P4227-06	PMW-8D(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	26
P4227-07	DUP(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	27
P4227-08	MW-2(MCUA)(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	28
P4227-09	PMW-5(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	29
P4227-10	MW-1(MCUA)(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	30
P4227-11	PMW-3(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	31
P4227-12	PMW-4(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	32
P4227-13	PMW-6(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	33
P4227-14	PMW-7S(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	34
P4227-15	PMW-7D(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	35
P4227-16	P4227-15MS	<2	50	50	Colorless	Colorless	Clear	Clear	MP82584	36
P4227-17	P4227-15MSD	<2	50	50	Colorless	Colorless	Clear	Clear	MP82584	37
P4227-18	PMW-10(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	38
P4227-19	FB(20240925)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	39
P4227-20	FB(20240926)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	40
P4227-21	FB(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	41
P4227-22	EB(20240927)	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	42
PB163911BL	PBW911	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	43
PB163911BS	LCS911	<2	50	50	Colorless	Colorless	Clear	Clear	MP82582	44

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Prep Standard - Chemical Standard Summary

Order ID : P4227

Test : Metals CLP MS

Prepbatch ID : PB163911,

Sequence ID/Qc Batch ID: LB132796,LB133124,

Standard ID :
MP81119,MP82127,MP82170,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82582,MP82583,MP82584,MP82585,MP82586,MP82587,

Chemical ID :
M4888,M5192,M5227,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6039,M6040,M6055,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	04/24/2025	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 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
3964	CONC.LCSS SPIKE	MP82170	09/04/2024	09/27/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/04/2024

FROM 0.25000ml of M5473 + 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M4888 + 1.25000ml of M5192 + 1.25000ml of M5227 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5806 + 170.00000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6039 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/31/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 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	MP82569	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 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)	MP82571	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 25.00000ml of MP82570 = 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)	MP82572	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = 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)	MP82573	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 12.50000ml of MP82570 = 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)	MP82574	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = 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
3955	S2CONC(SFAM,6020,200.8)	MP82575	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 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 M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = 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)	MP82576	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 0.50000ml of MP82575 = 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)	MP82577	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP82578	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = 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	MP82579	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP82580	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = 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
1143	ICSAB ICPMS	MP82581	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3963	CONC.LCSW SPIKE	MP82582	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

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 M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 225.50000ml of W3112 + 5.00000ml of M6037 = 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
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
870	ICPMS SPIKE SOL.B	MP82584	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.45000ml of M5962 + 5.00000ml of M5565 + 5.00000ml of M5657 + 39.55000ml of MP82568 = Final Quantity: 50.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP82586	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = 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
3903	ISS 3PPM	MP82587	09/28/2024	10/31/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57022 / Ti, 1000 PPM, 125 ml	070721	09/27/2024	08/06/2021 / jaswal	08/05/2021 / jaswal	M4888

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.	57023 / V, 1000 PPM, 125 ml	100121	10/01/2024	07/01/2022 / bin	10/18/2021 / bin	M5227

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	02/20/2020 / bin	M5295

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	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

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	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	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.	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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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

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CHEMICAL RECEIPT LOG BOOK

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	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

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)	24D1562005	02/01/2025	08/06/2024 / Janvi	08/01/2024 / Janvi	M6039

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)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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1407

CERTIFIED WEIGHT REPORT:

Part Number:	**57048**			**Lot #**	
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

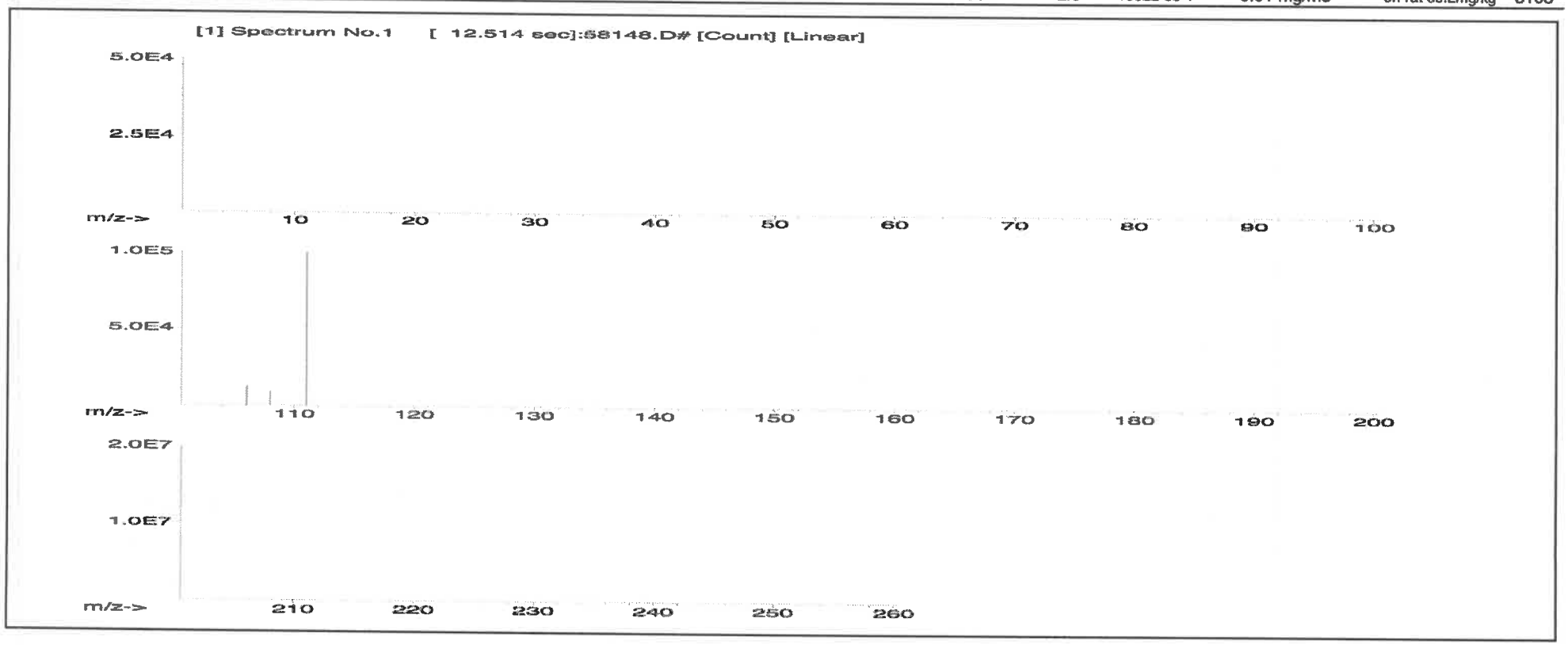
Aleah O'Brady

Formulated By:	Aleah O'Brady	070124

Pedro Rentas

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



1408

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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1409

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

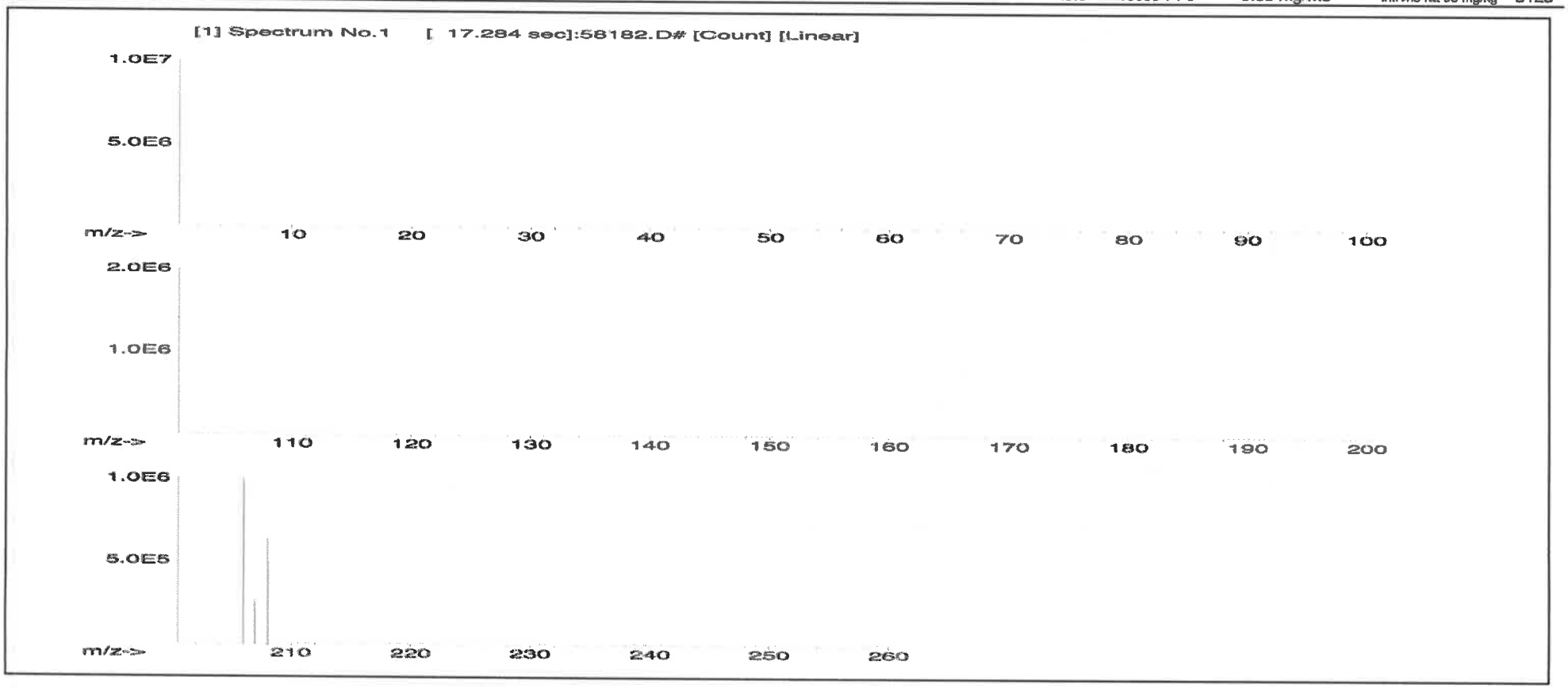
Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask 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



1410

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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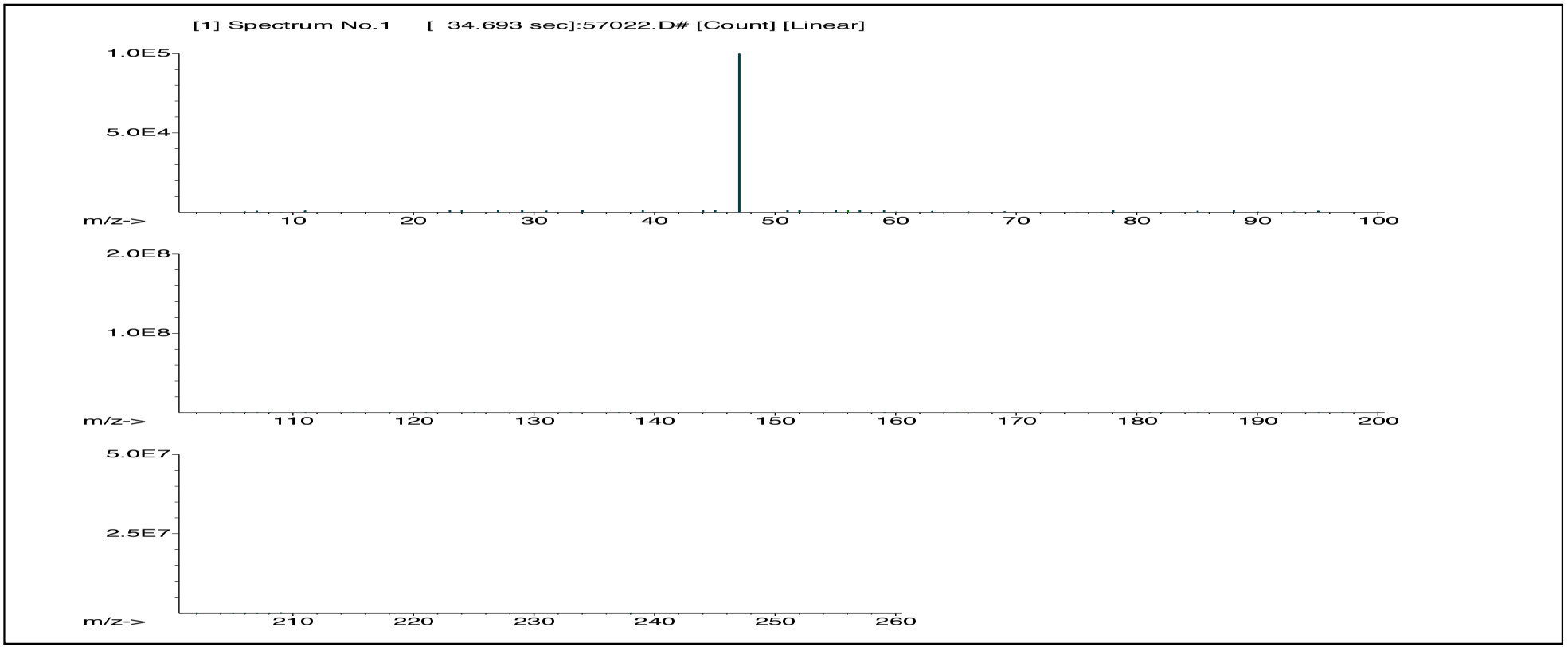
1411

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57022**	20370011	Nitric Acid	
Lot Number:	**070721**			
Description:	**Titanium (Ti)**			
		2.0%	40.0	Nitric Acid
Expiration Date:	070724		(mL)	
Recommended Storage:	Ambient (20 ºC)			
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	070721
Reviewed By:	Pedro L. Rentas	070721

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette	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 hexafluorotitanate (Ti)	58122	070120	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	16962-40-6	2.5 (F) mg/m3	NA	3162a



1412

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	<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	T	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).

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M5192 R: 06/17/22

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1413

CERTIFIED WEIGHT REPORT:

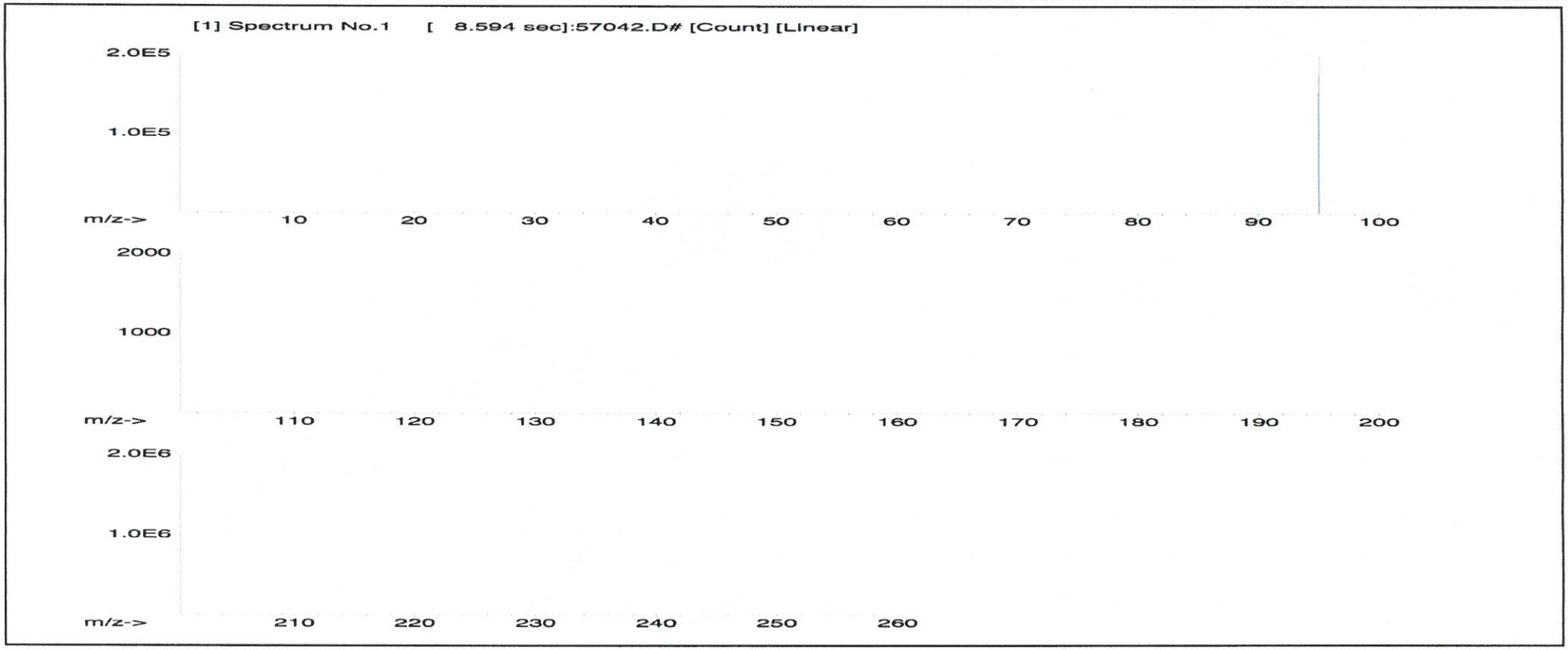
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By: Lawrence Barry 051722
Reviewed By: Pedro L. Rentas 051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



14114

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.
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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).

M5227 R: 10/18/2021

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	20370011	Nitric Acid	
Lot Number:	**100121**			
Description:	**Vanadium (V)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	100124			
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):	3000.4	0.06	Flask Uncertainty	

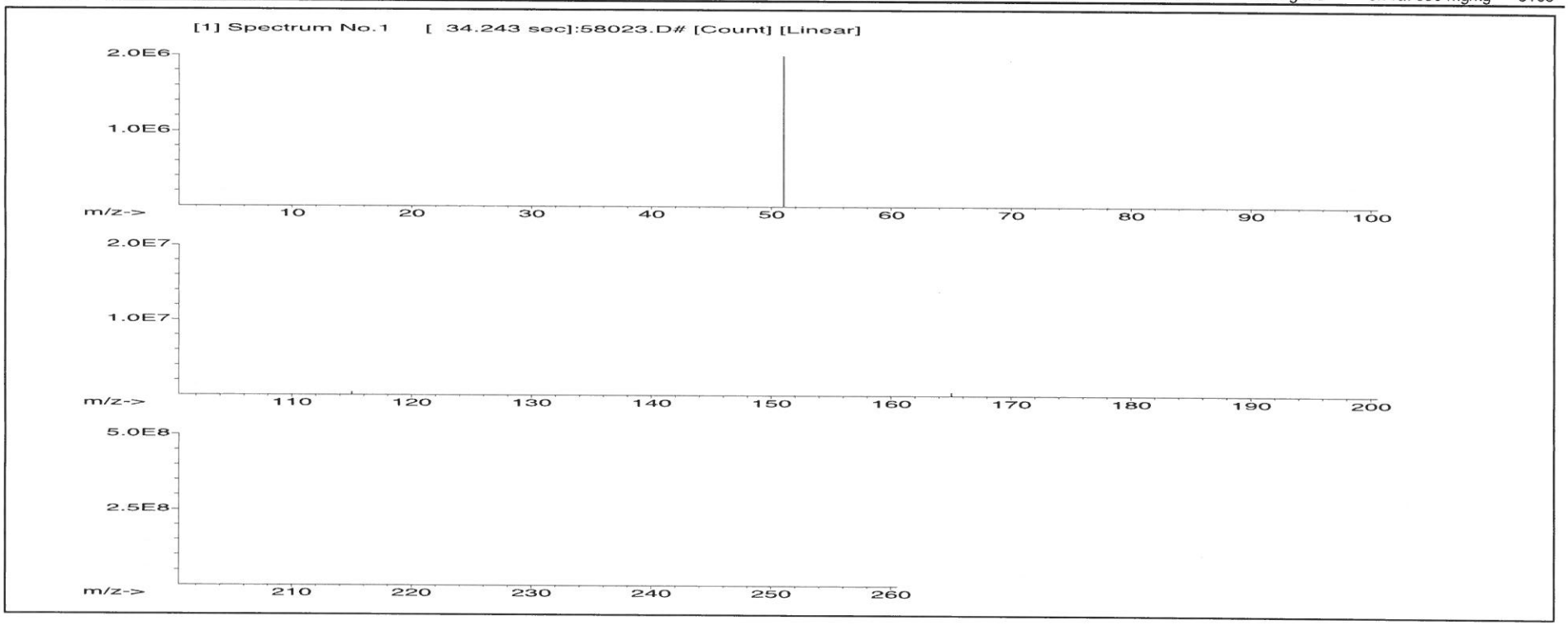
Giovanni Esposito

Formulated By:	Giovanni Esposito	100121

Pedro Rentas

Reviewed By:	Pedro L. Rentas	100121

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	070721	0.1000	300.0	0.084	1000	10000.4	**1000.0**	**2.1**	7803-55-6	1.0 mg/m3	orl-rat 630 mg/kg	3165



1415

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	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.
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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).

1416

V15200 R: 04/24/22 (BP)

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1417

CERTIFIED WEIGHT REPORT:

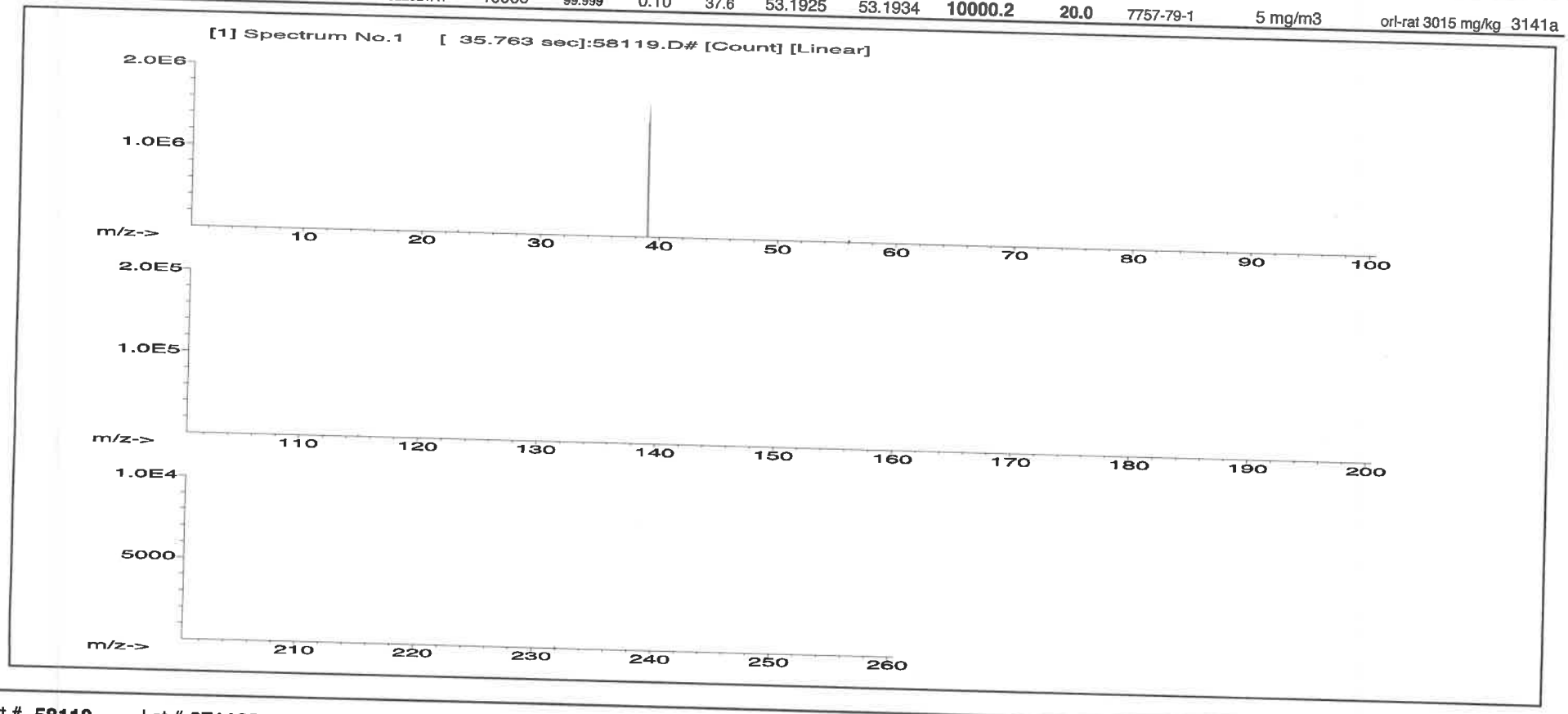
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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



1418

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:

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M5289 R: 07/12/22 (BH)

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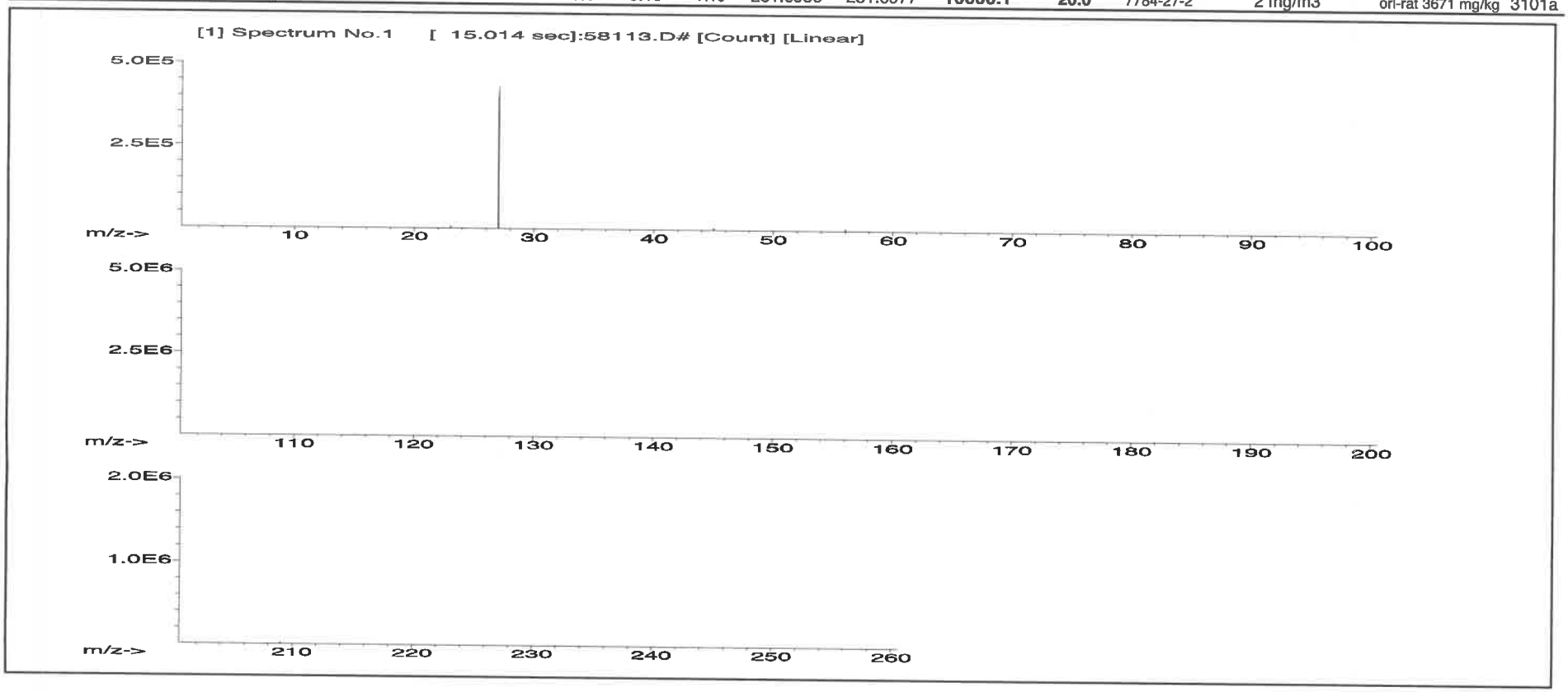
1419

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



1420

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.

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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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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 (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 · M5389 · M5390 · M5391 · M5392

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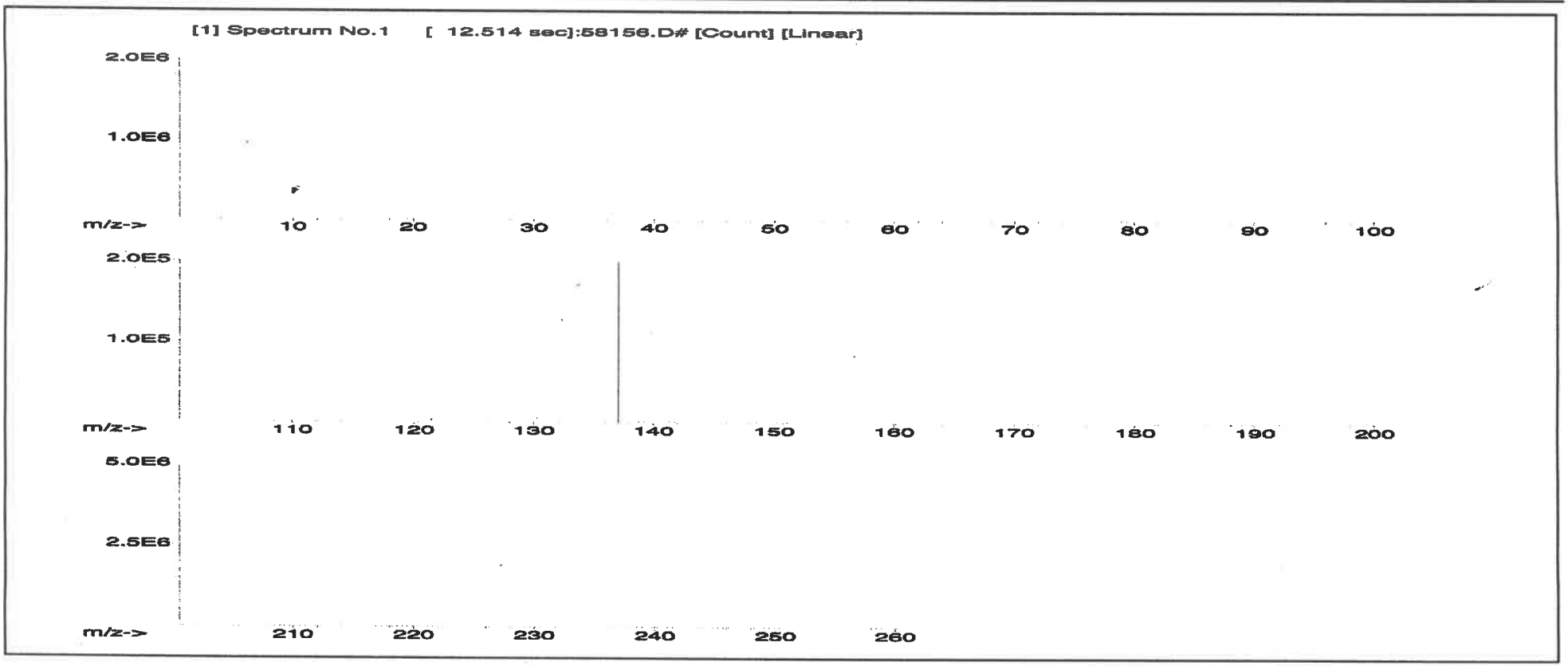
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5497 - M5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

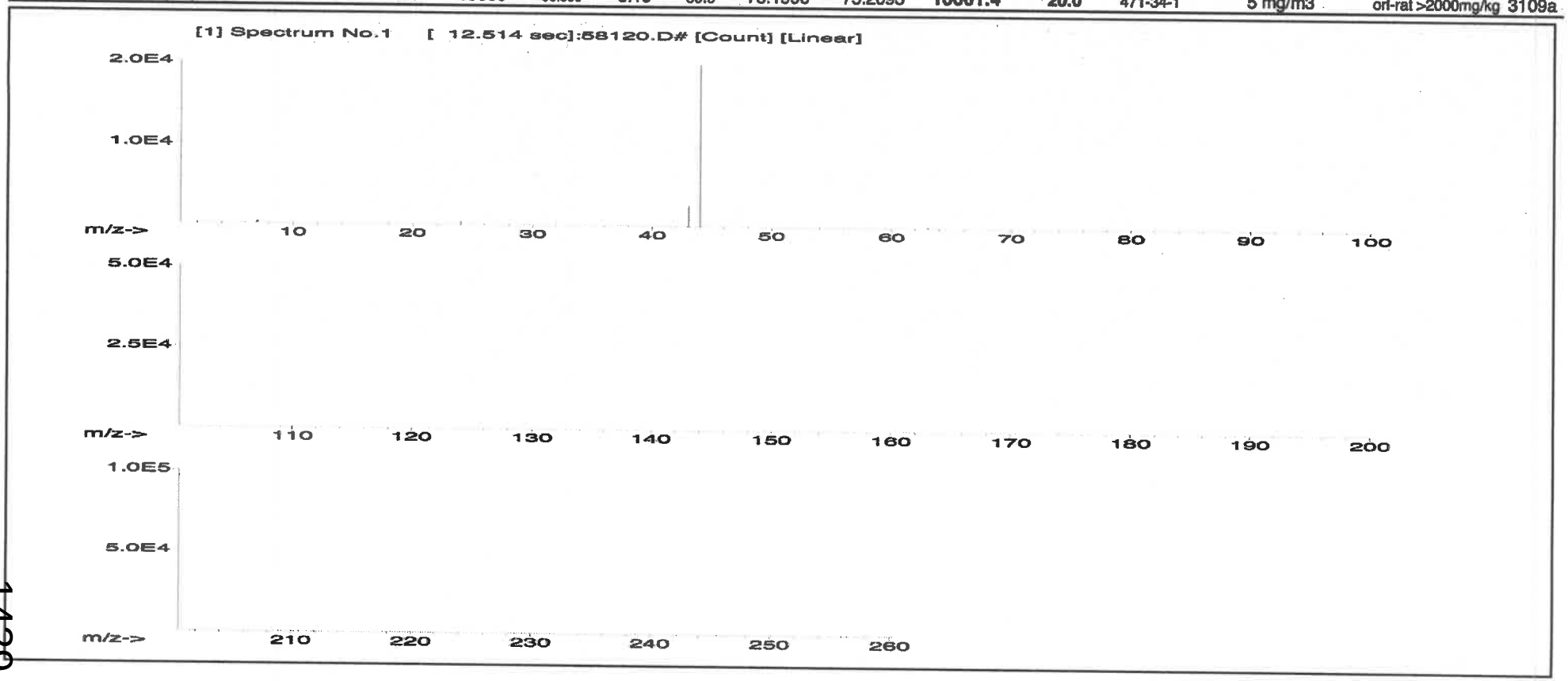
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



1429

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).

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Certified Reference Material CRM

M 5513 R: 03/17/23

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

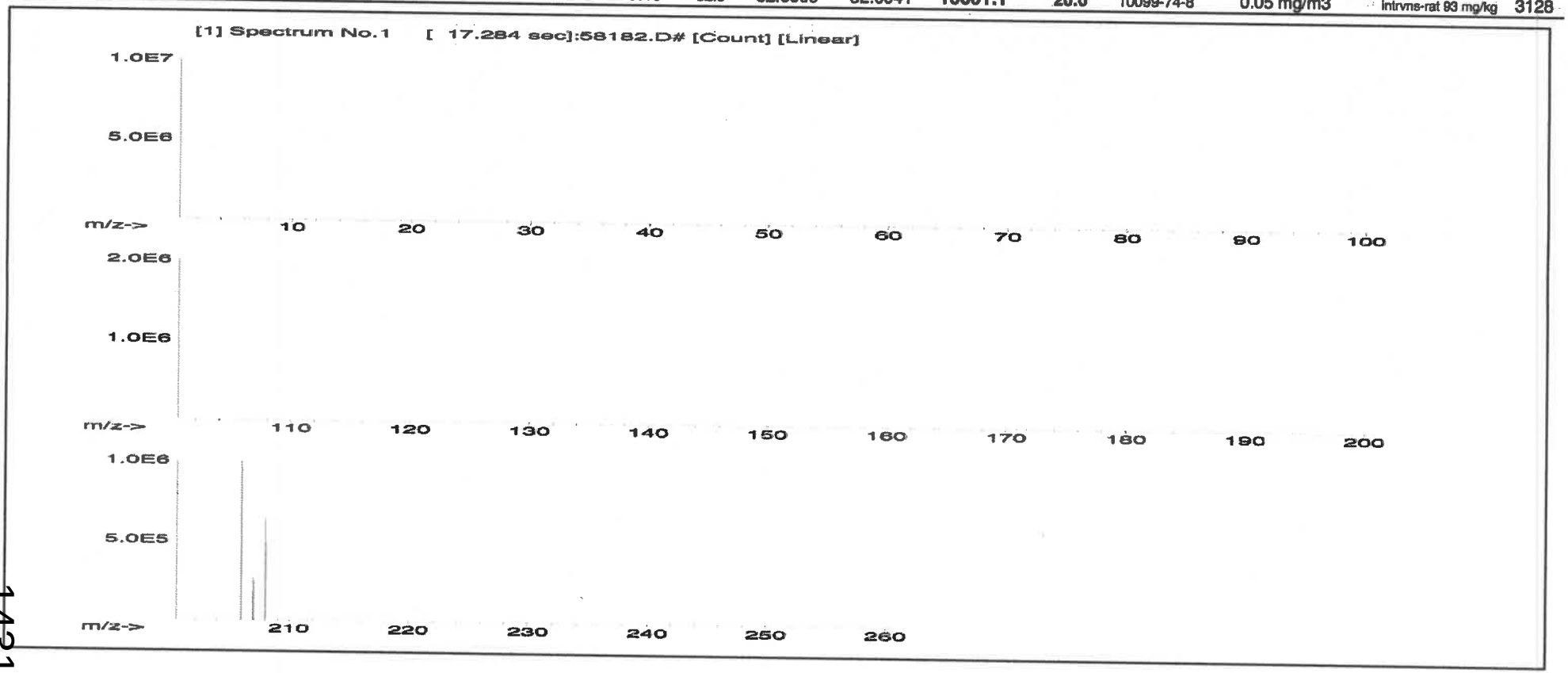
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



1431

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

M5514 - M5515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

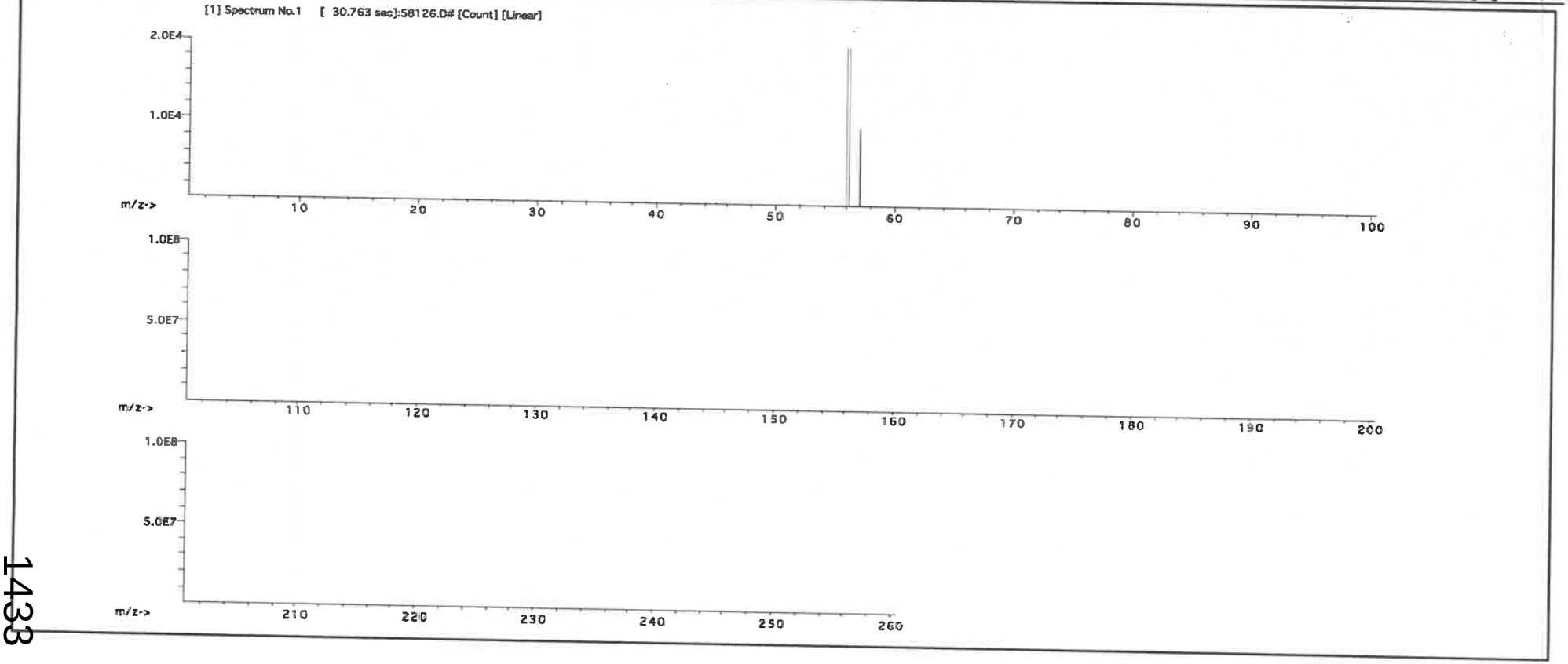
		Lot #	
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



1433

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.
* 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).

14434

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5519. M5520 BH R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1435

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

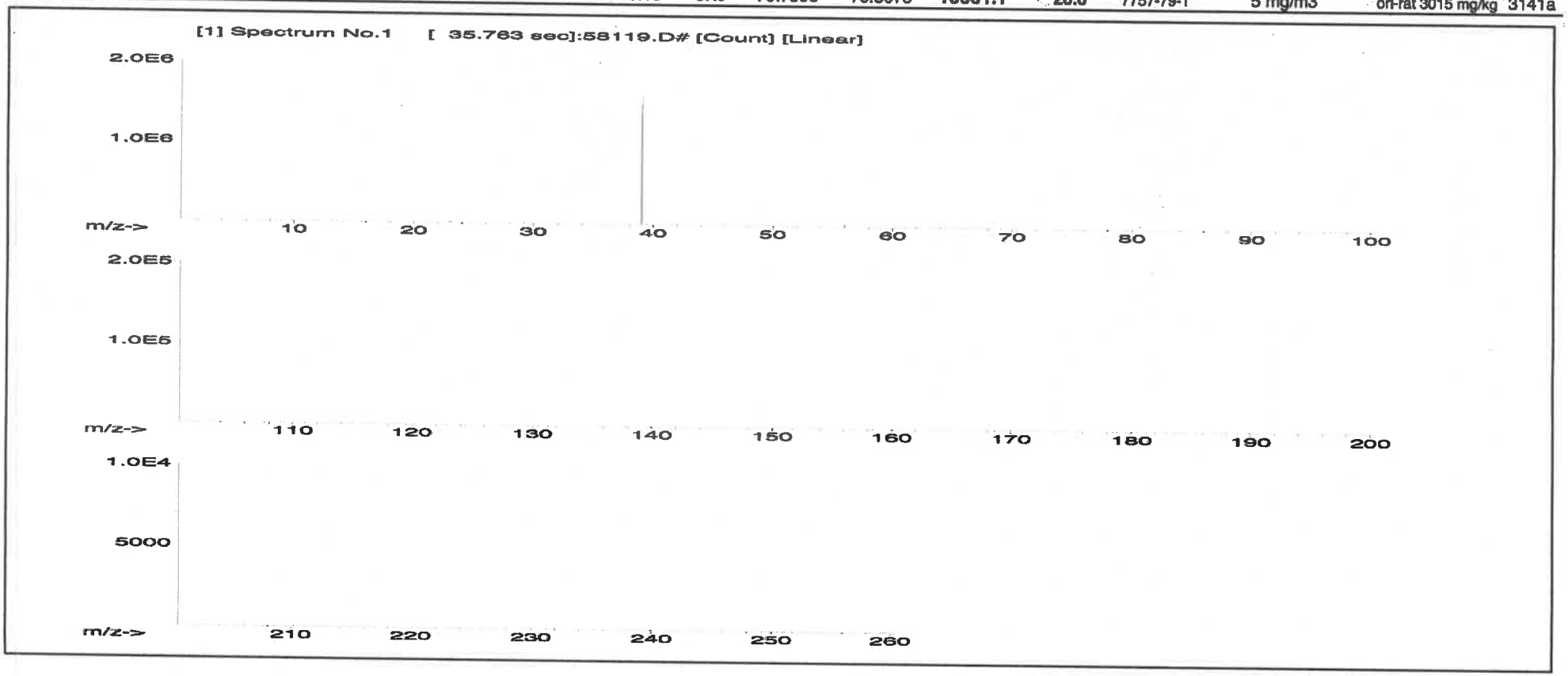
Giovanni Esposito

Formulated By: Giovanni Esposito 120822

Pedro Rentas

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



14360

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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Certificate of Analysis

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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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:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.8 µg/mL	Arsenic, As	40.00 ± 0.25 µg/mL
Cadmium, Cd	49.96 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.10 µg/mL
Selenium, Se	10.00 ± 0.06 µg/mL	Thallium, Tl	49.96 ± 0.32 µg/mL

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

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ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

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**

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.

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- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R! 8/25/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

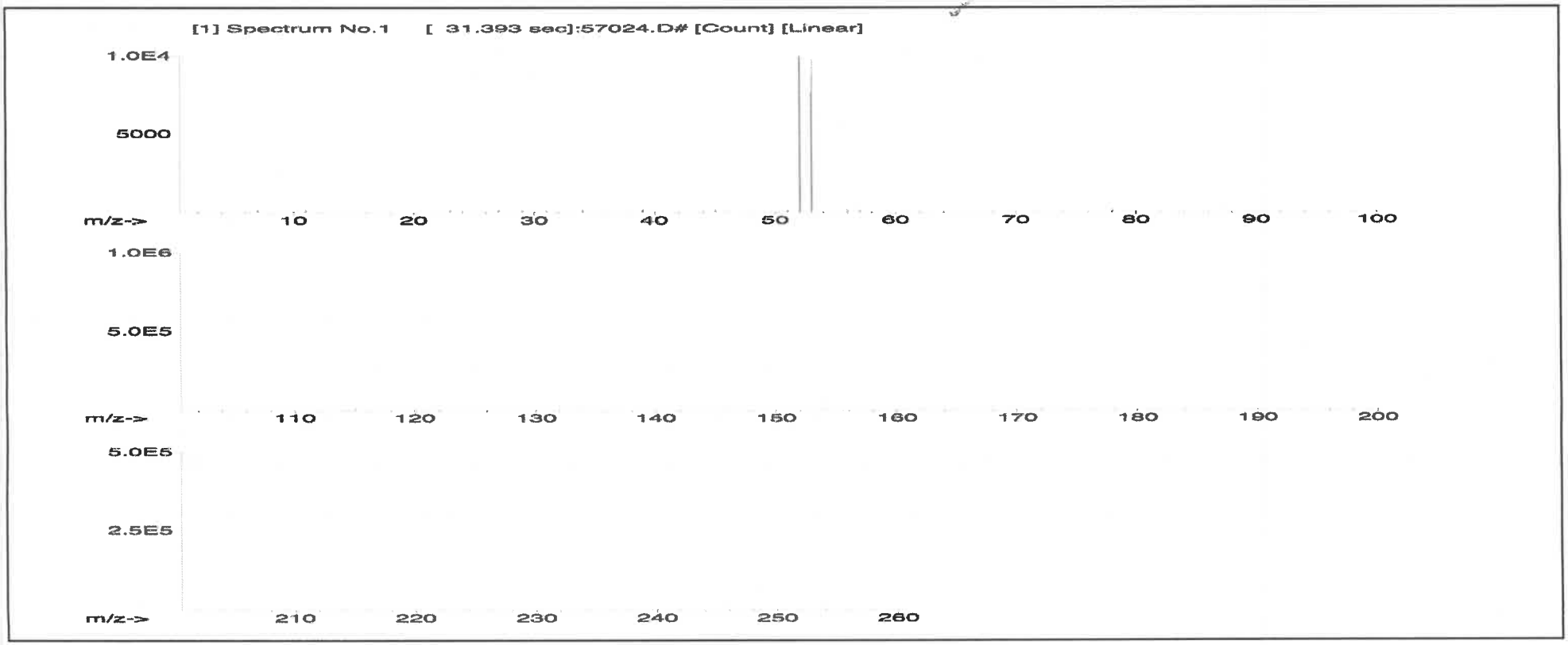
1445

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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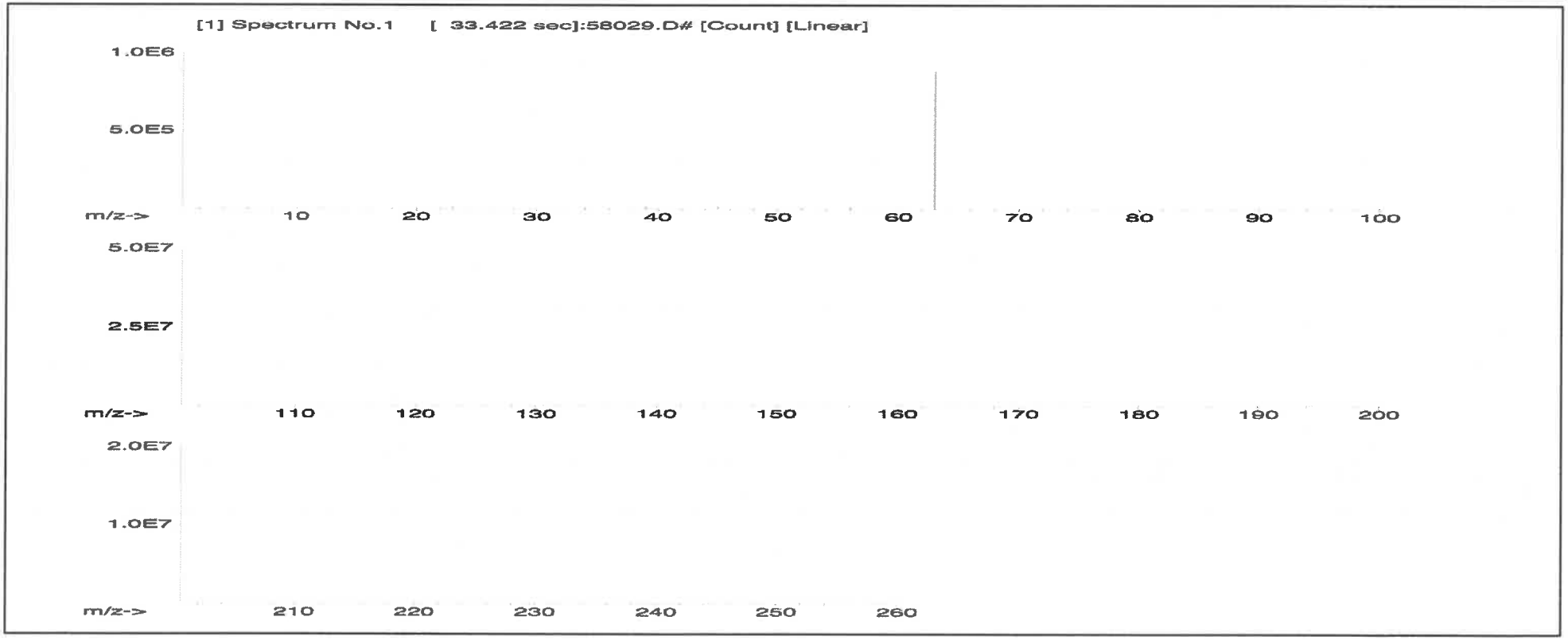
1447

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



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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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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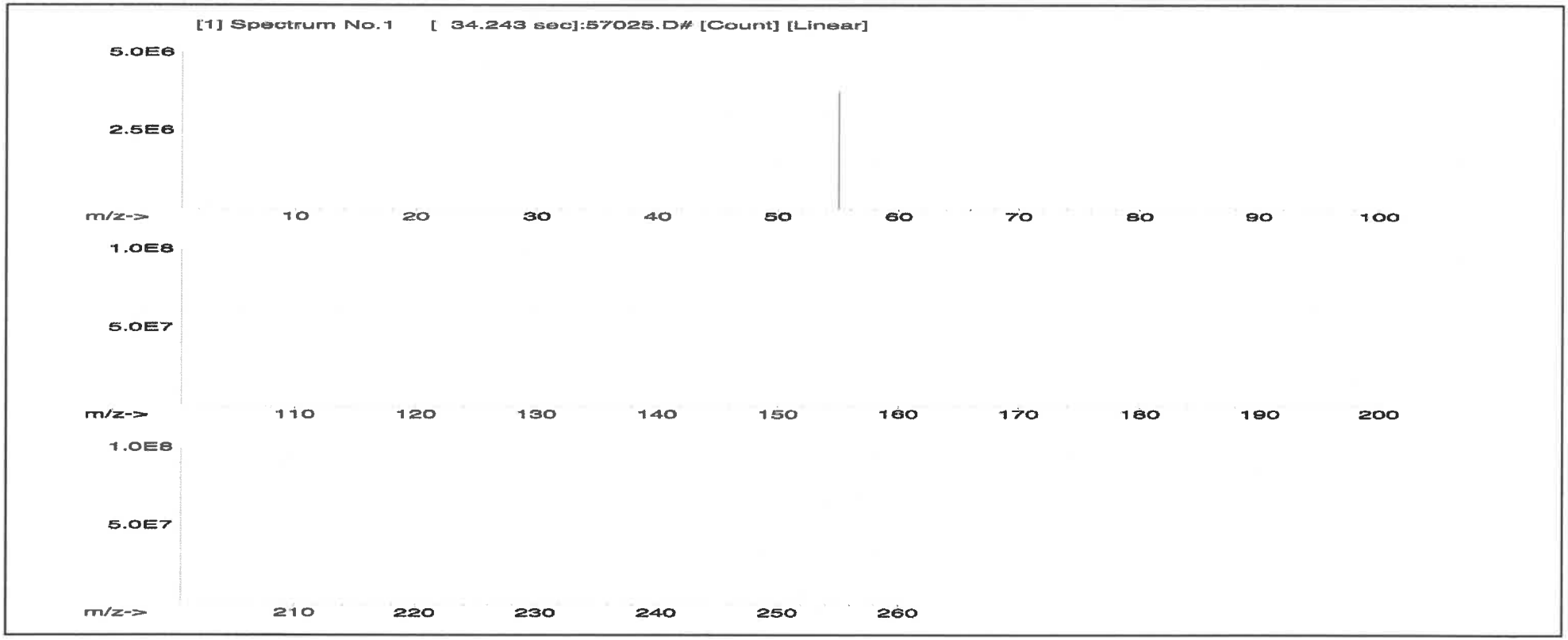
1449

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



1450

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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1451

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	

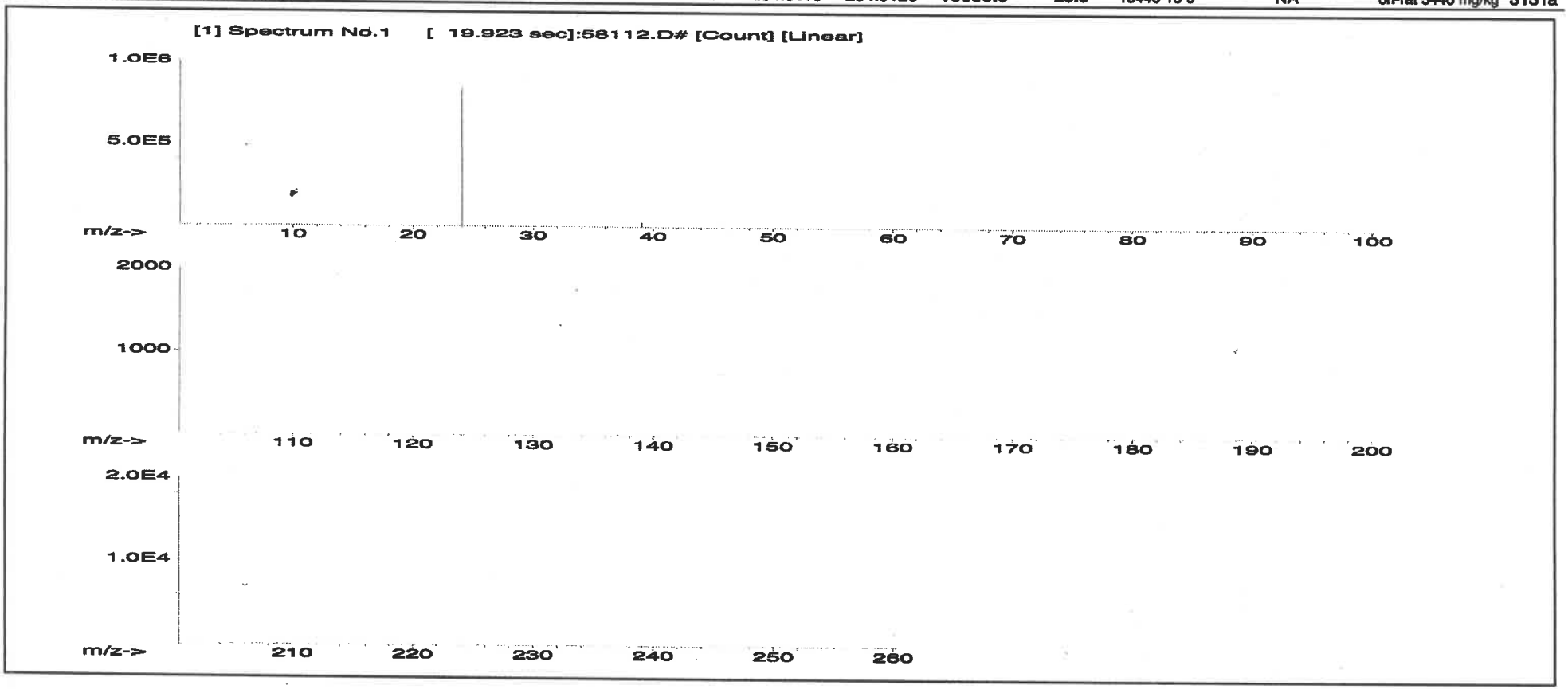
5E-05 Balance Uncertainty

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



14522

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.

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M5768 M5769 (BP) R:1/3/24

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1453

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

M5768, M5769 (BP) R: 1/3/24

Weight shown below was diluted to (mL): 2000.02 ± 0.058 Flask Uncertainty

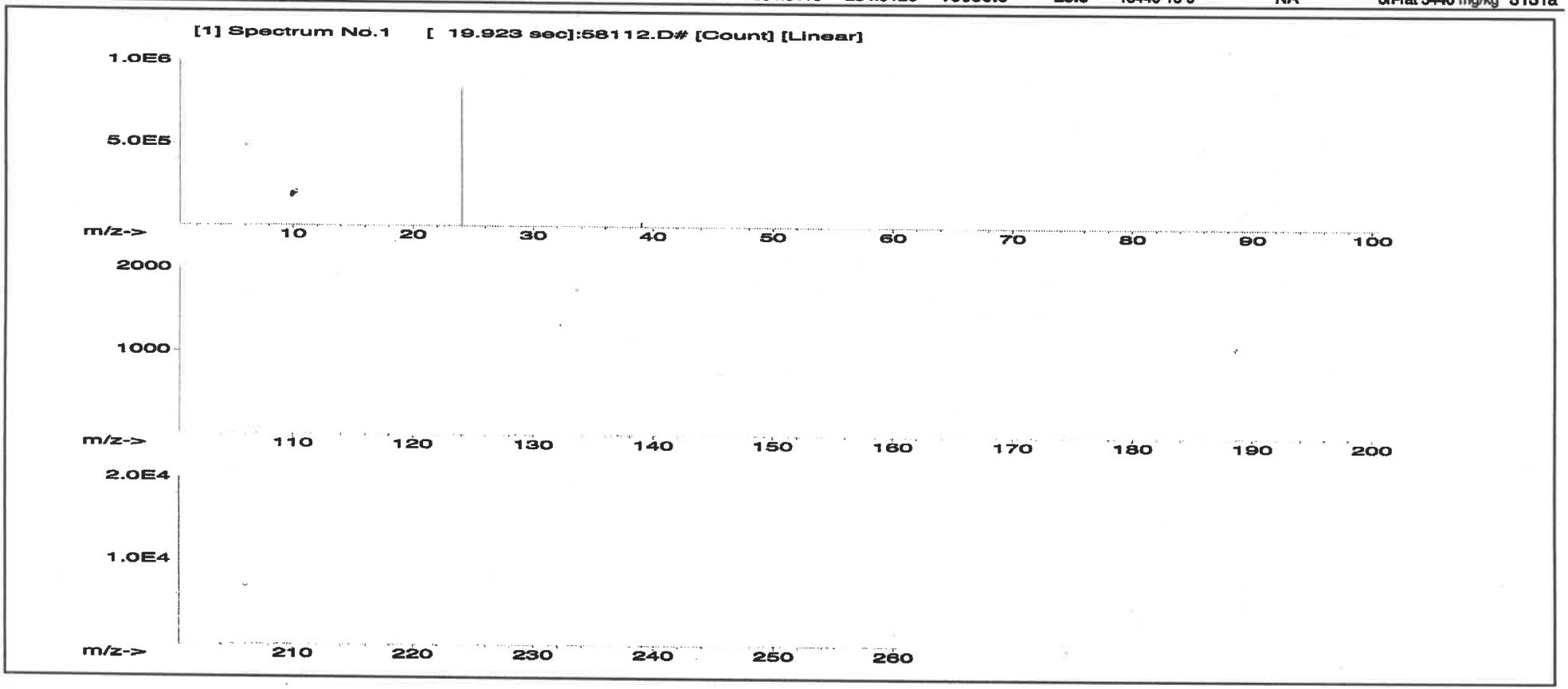
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By: 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



14544

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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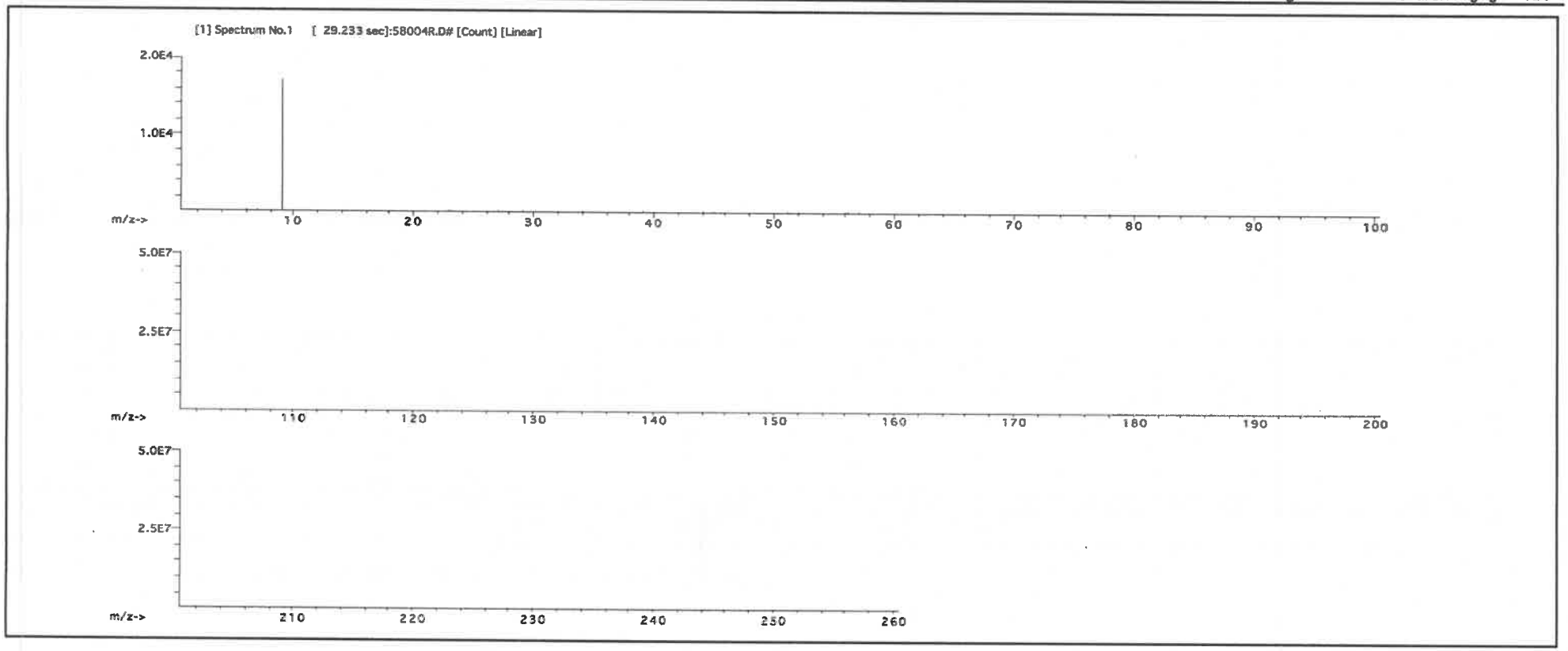
1455

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57004**	24002546	Nitric Acid		
Lot Number:	**102523**				
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	102526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1456

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1457

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

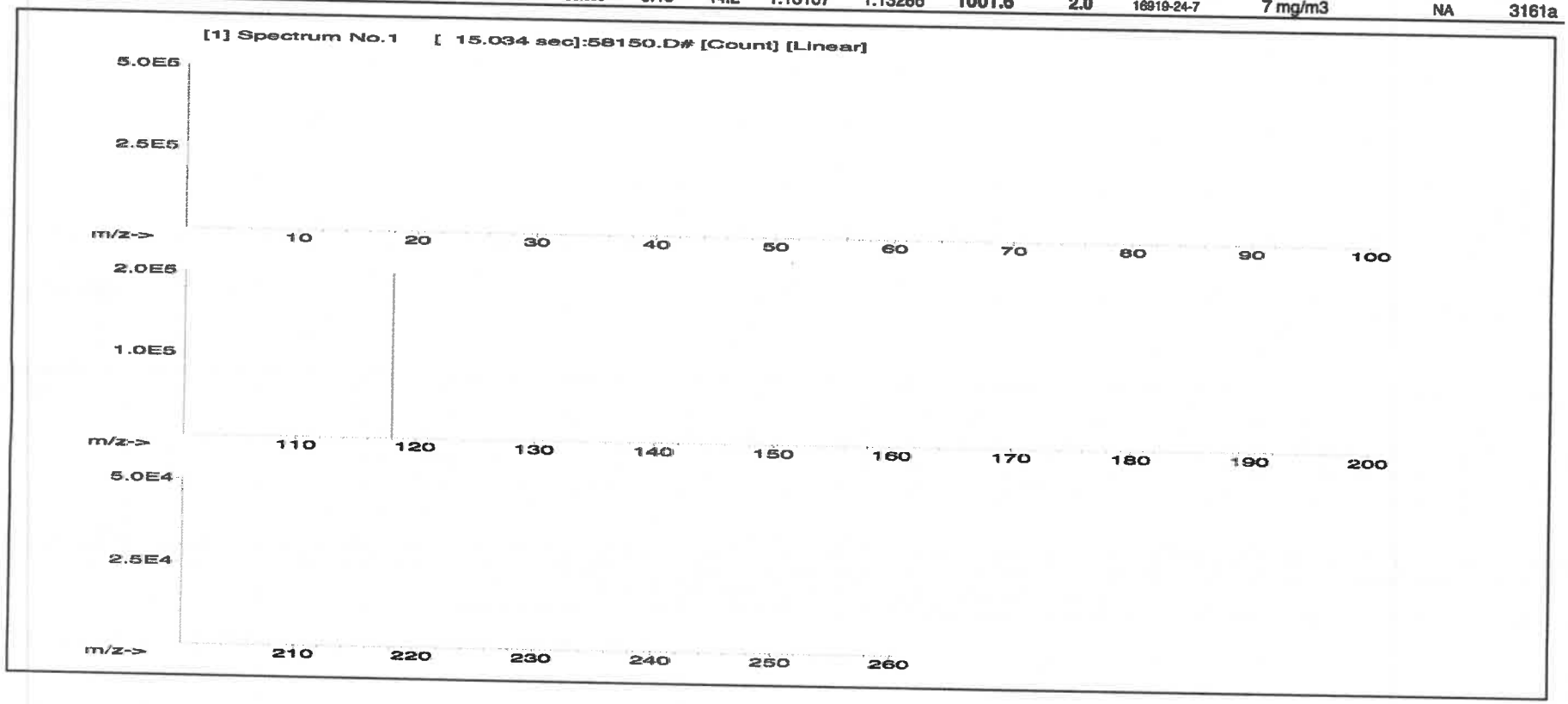
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



1458

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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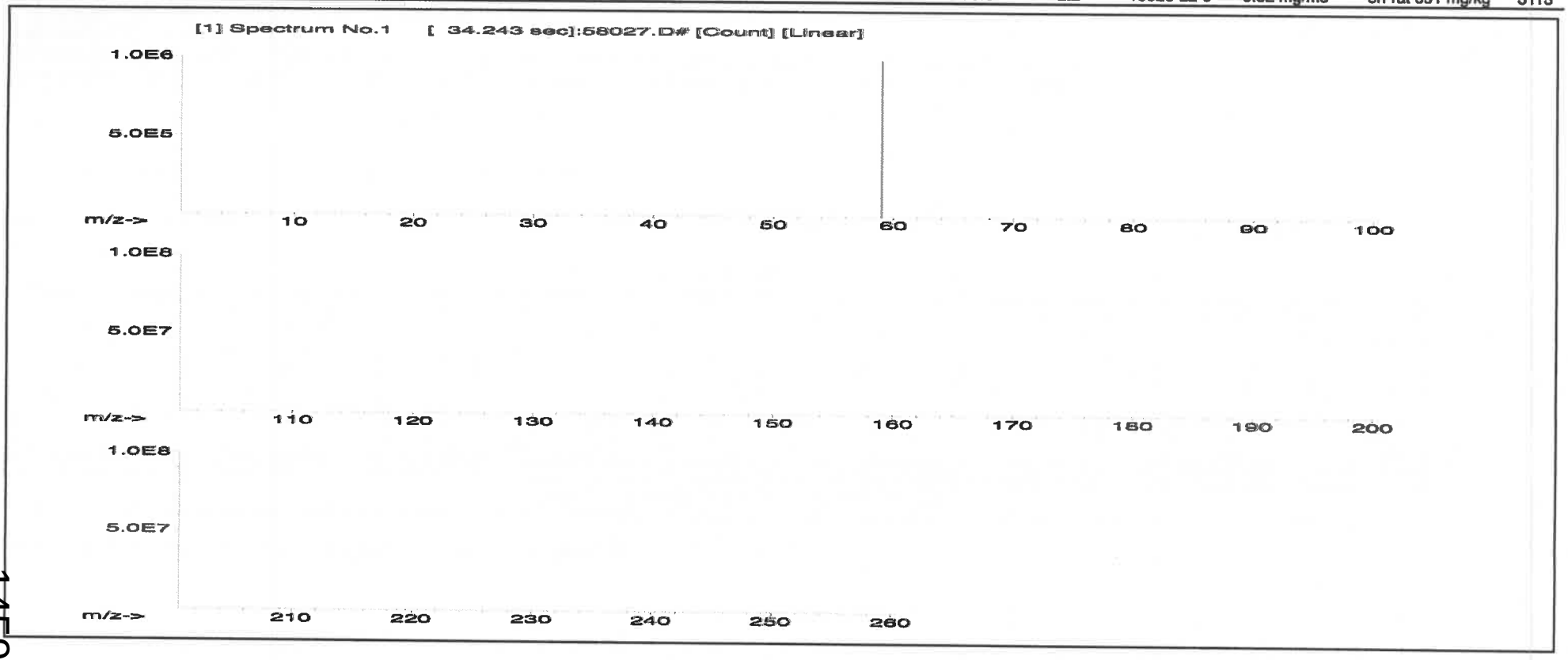
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**				
		2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

	Formulated By:	Lawrence Barry	091923
	Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	2.2	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



1459

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).

1460

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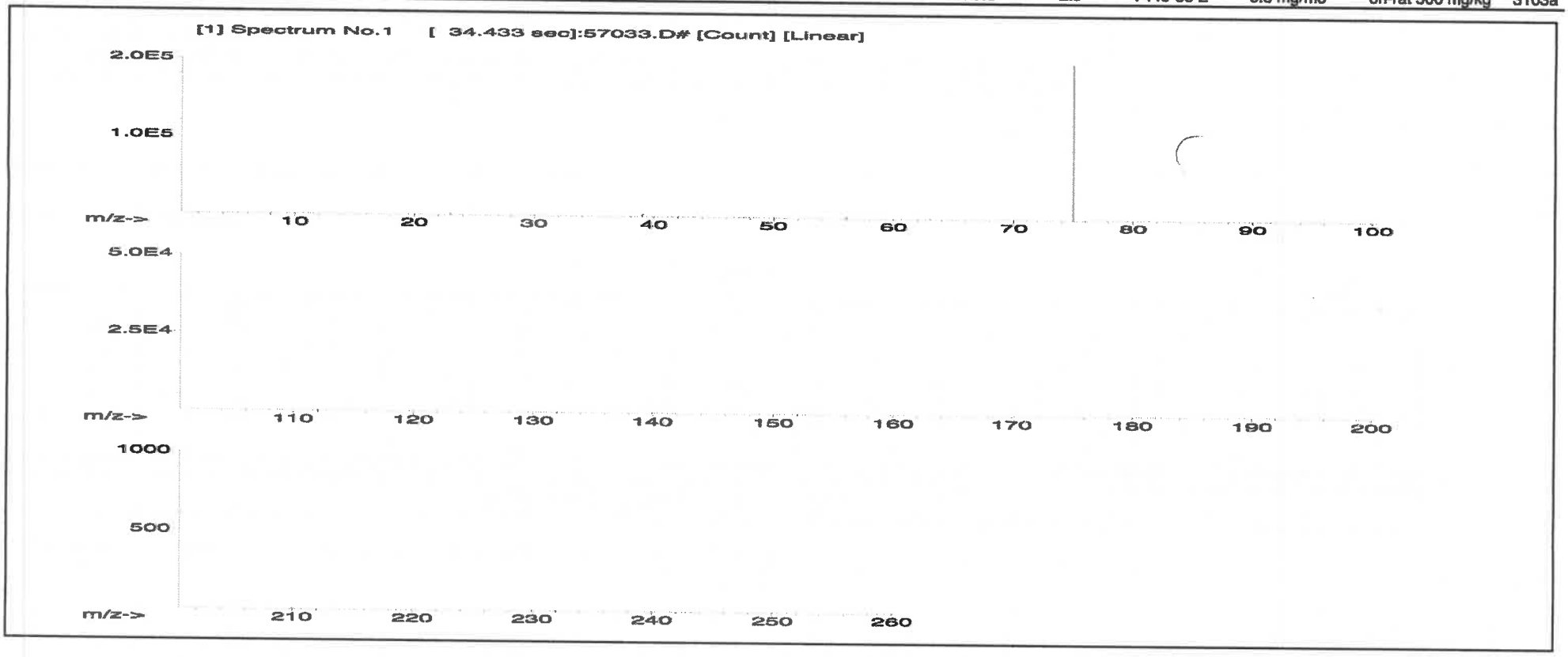
1461

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



14622

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:

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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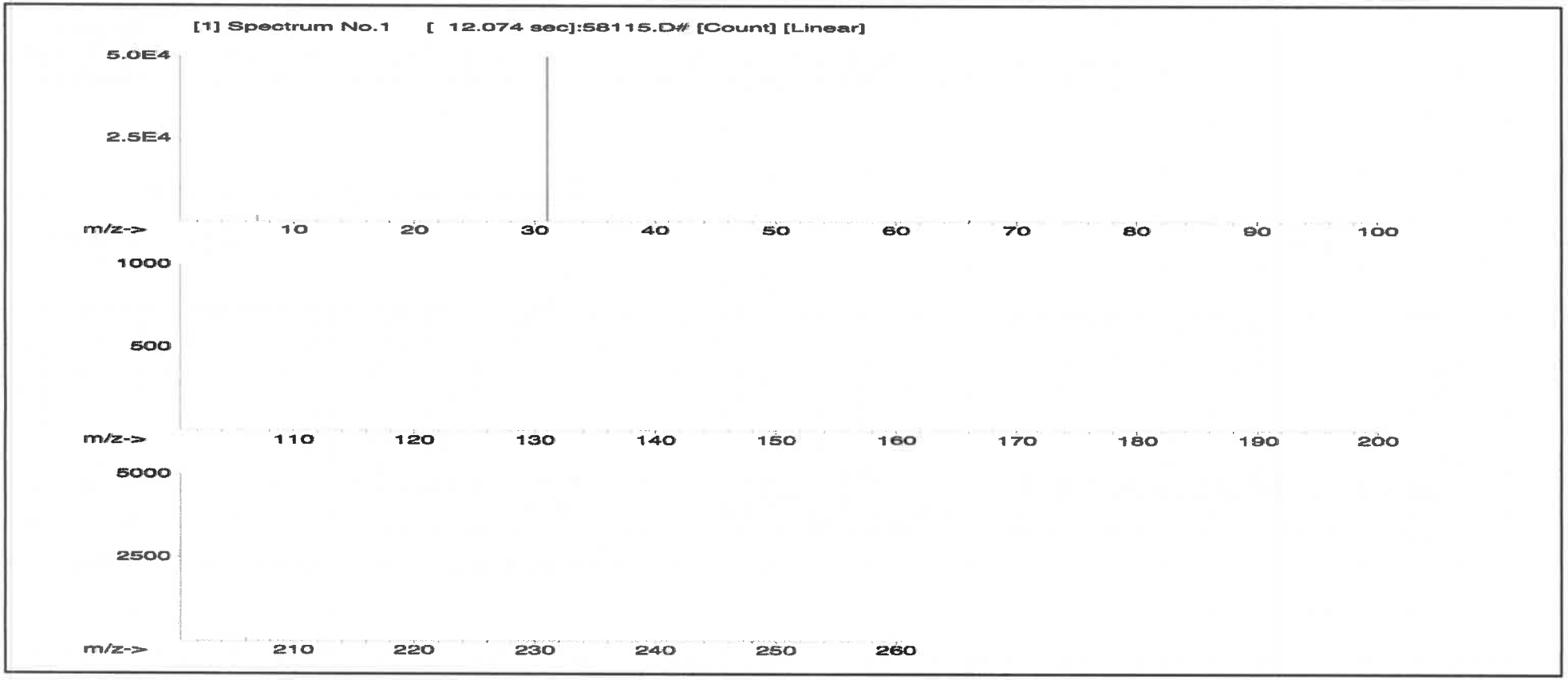
1463

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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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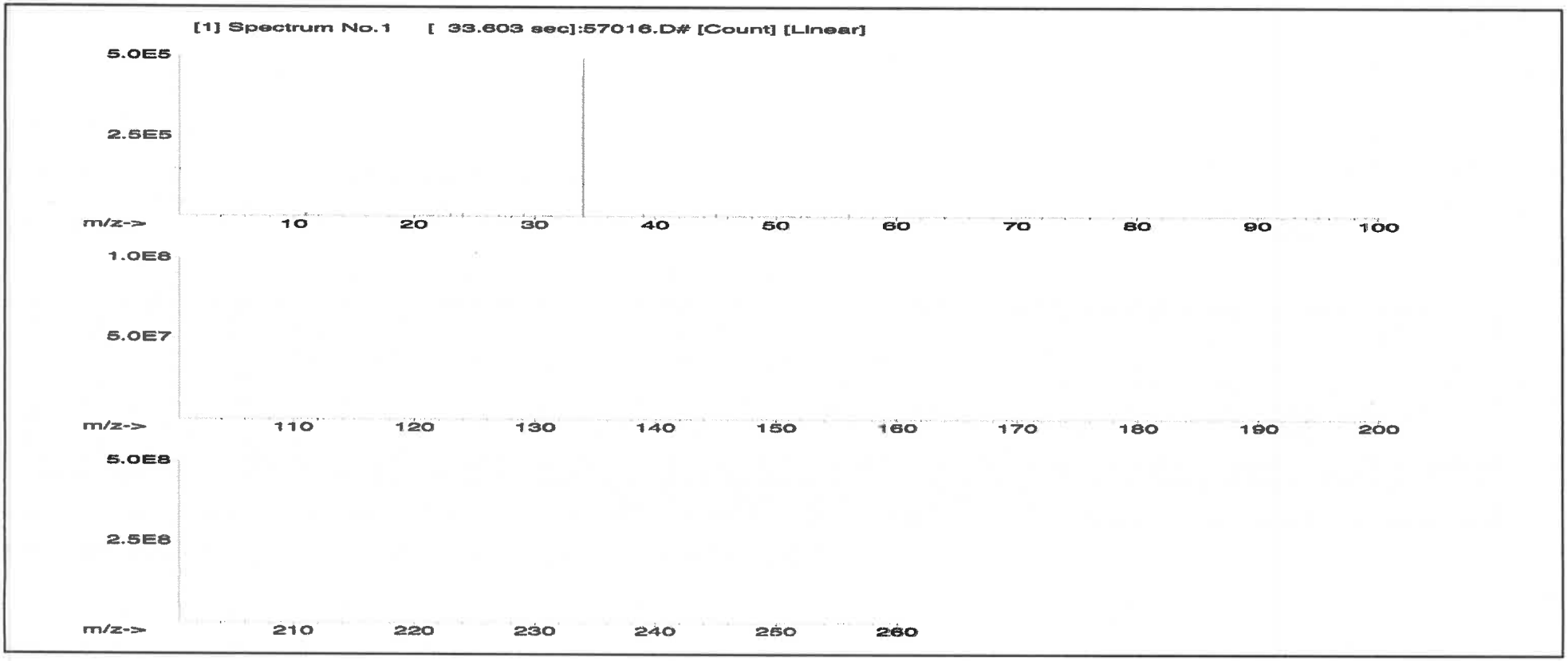
1465

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



1466

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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1467

CERTIFIED WEIGHT REPORT:

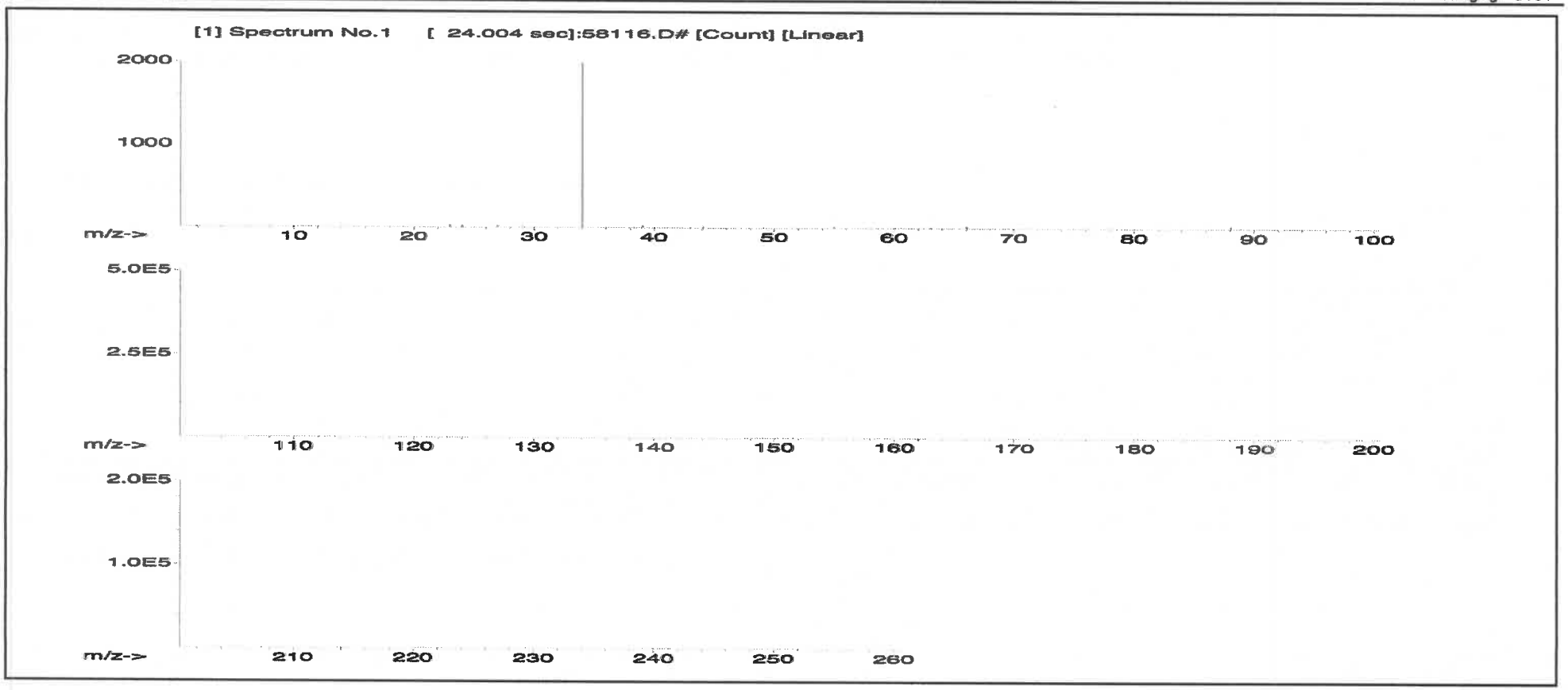
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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



14688

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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1469

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

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

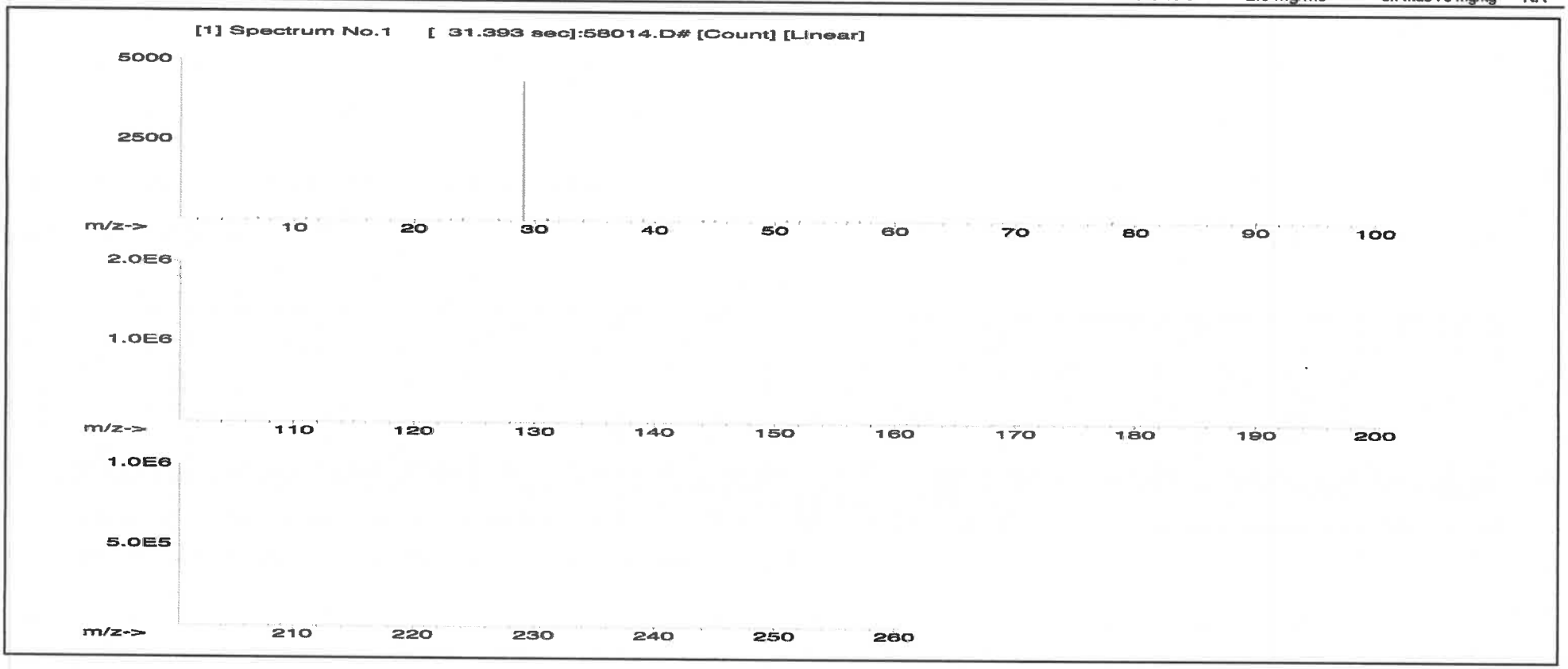
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Lot #

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



14790

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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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1471

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

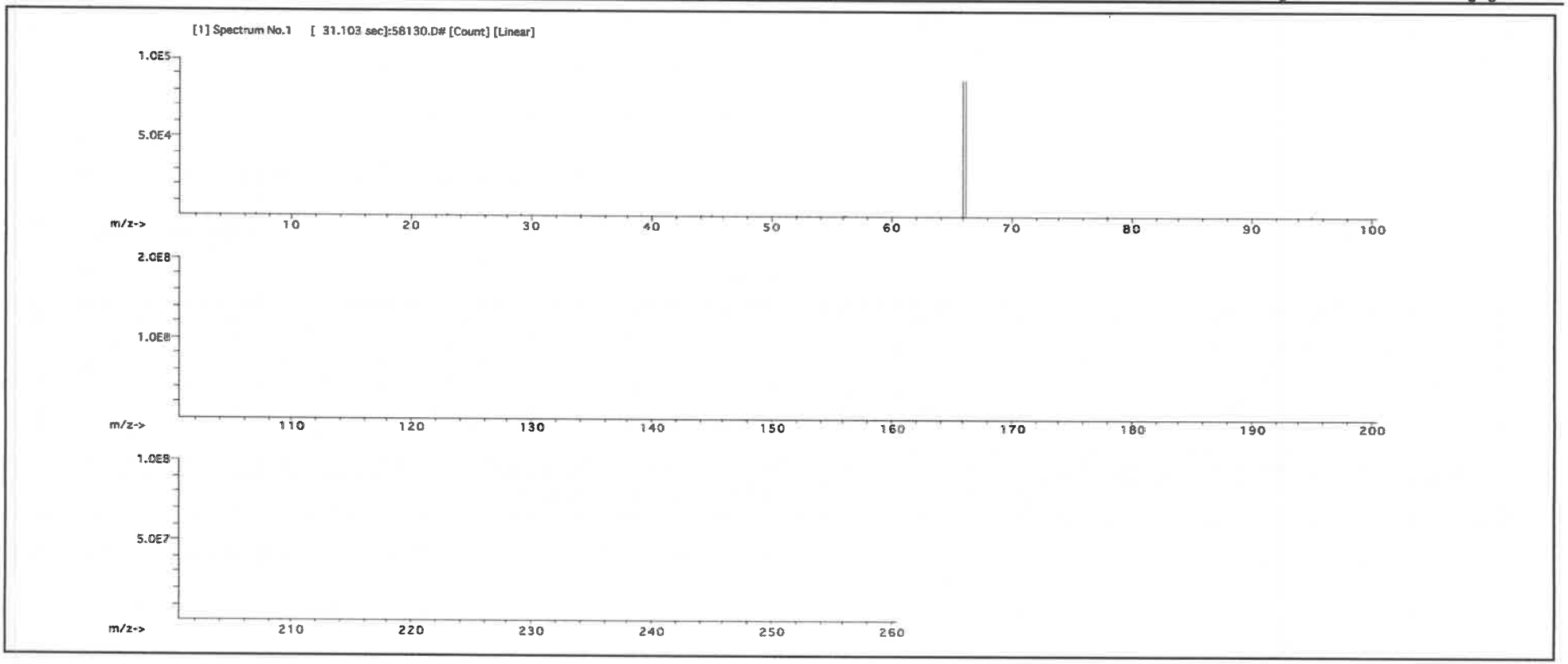
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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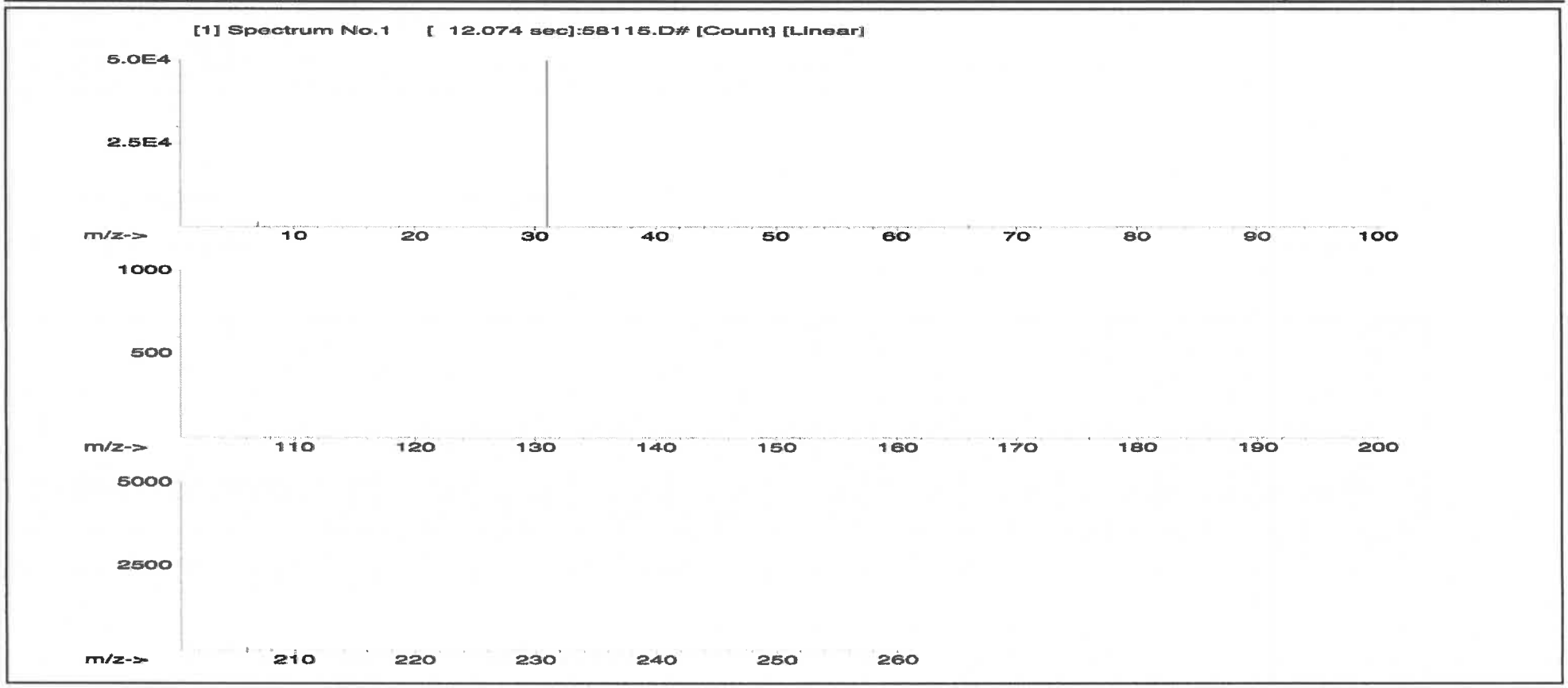
1473

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



14744

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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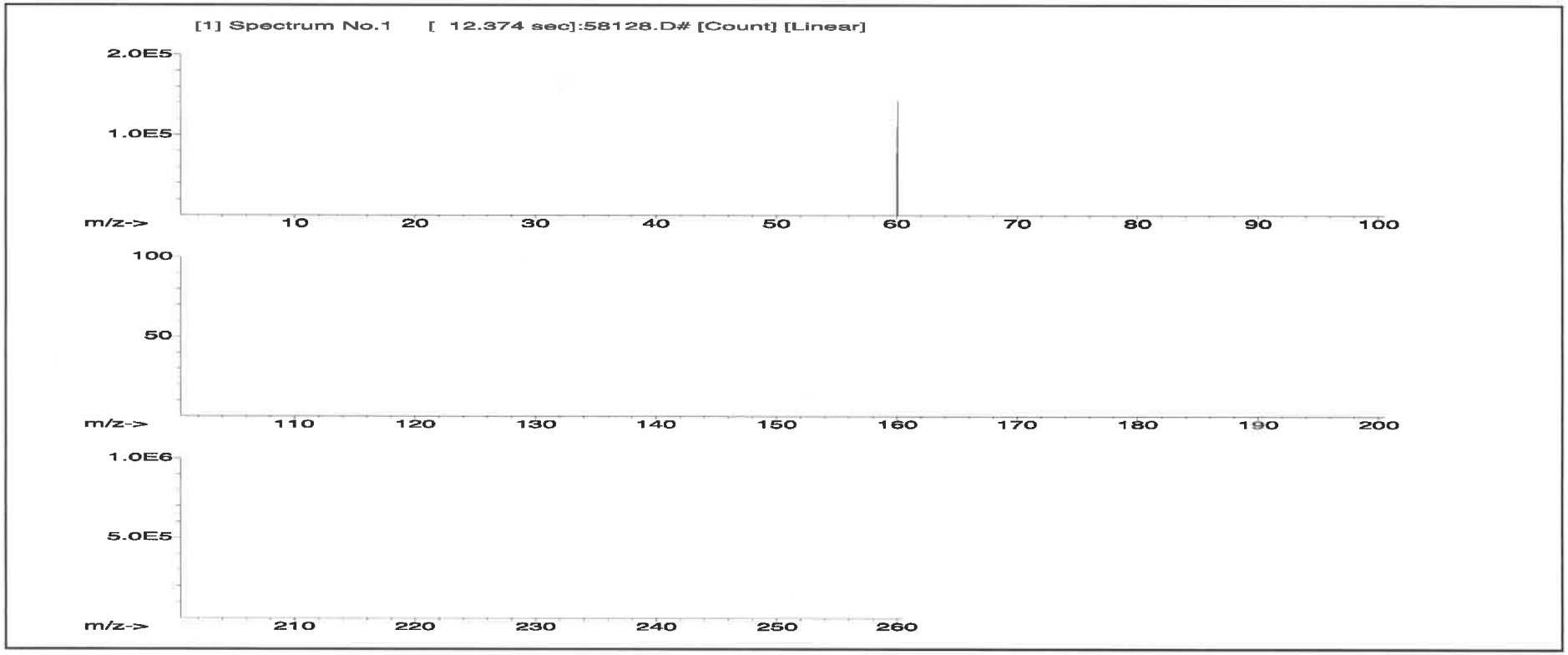
1475

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



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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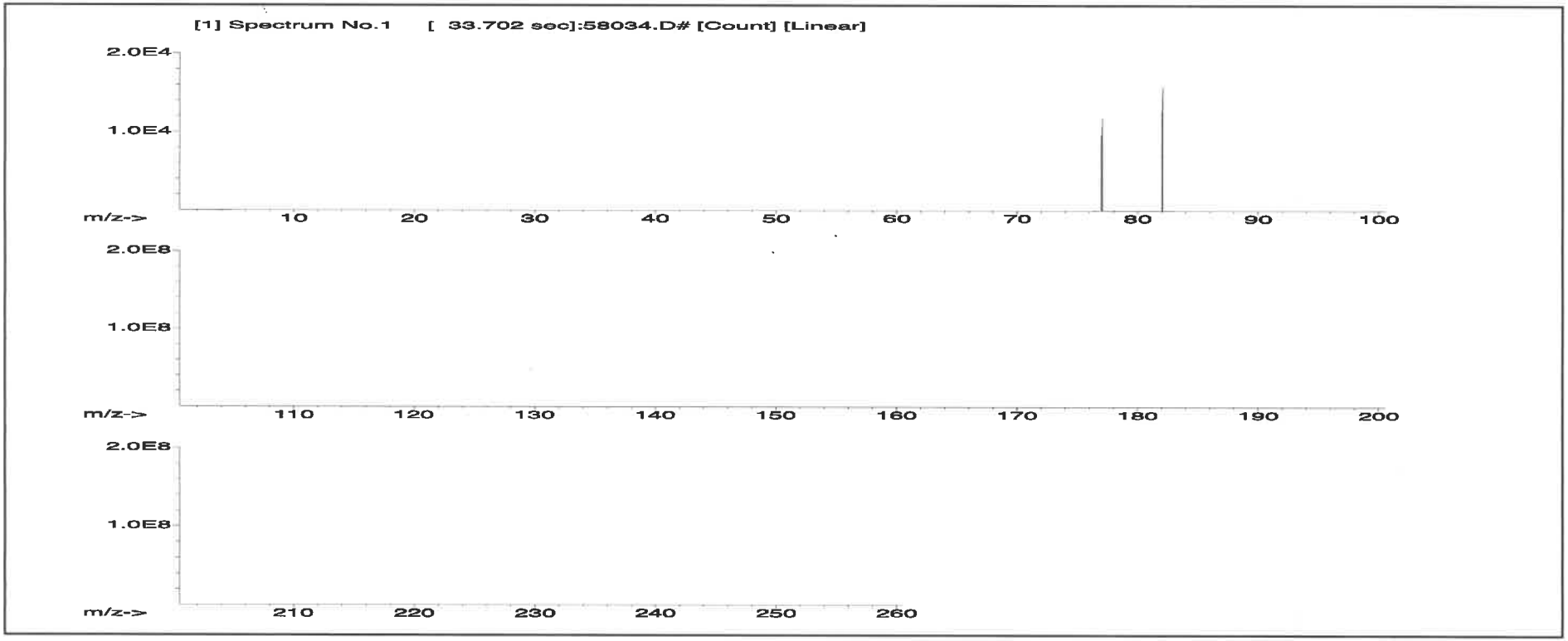
1477

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



14778

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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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

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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M5978, M5979

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

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:	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 (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with
$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization
u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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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

M5981 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		

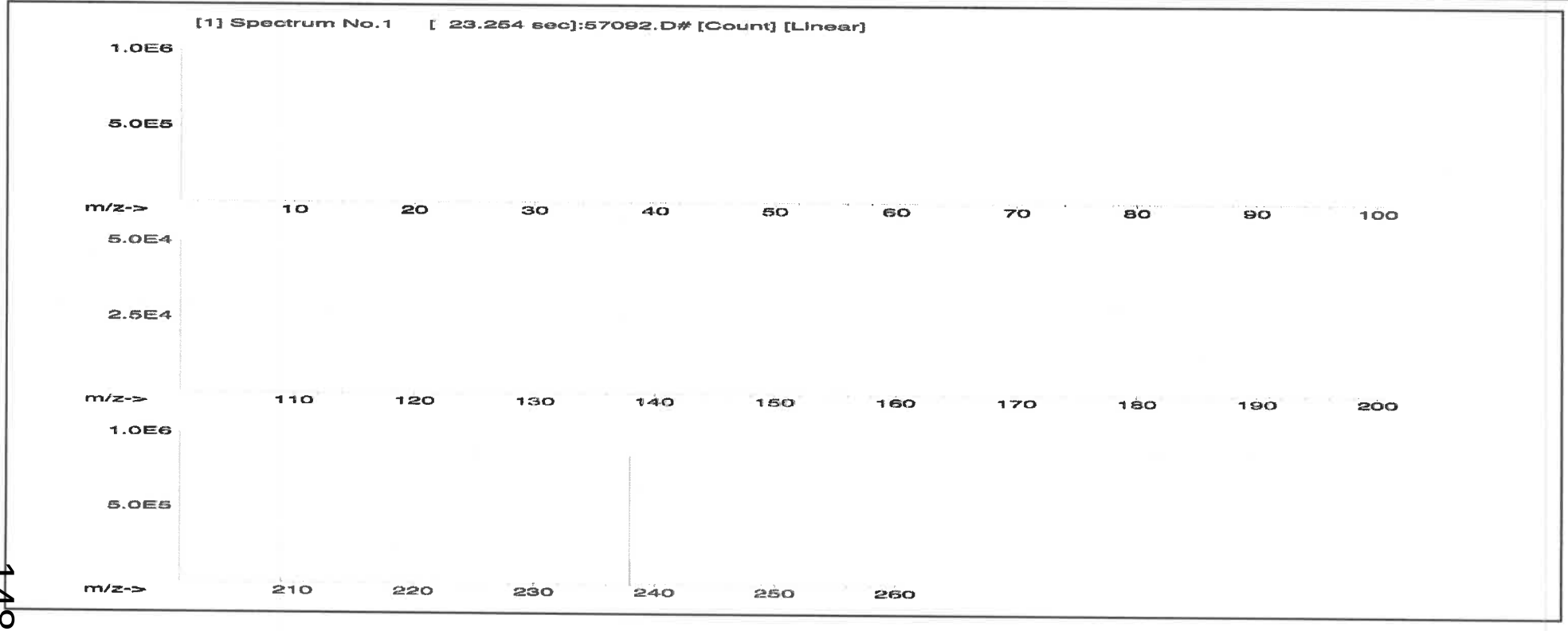
Giovanni Esposito

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



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	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).

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800-368-1131
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Certified Reference Material CRM

45982 R: 6/11/24

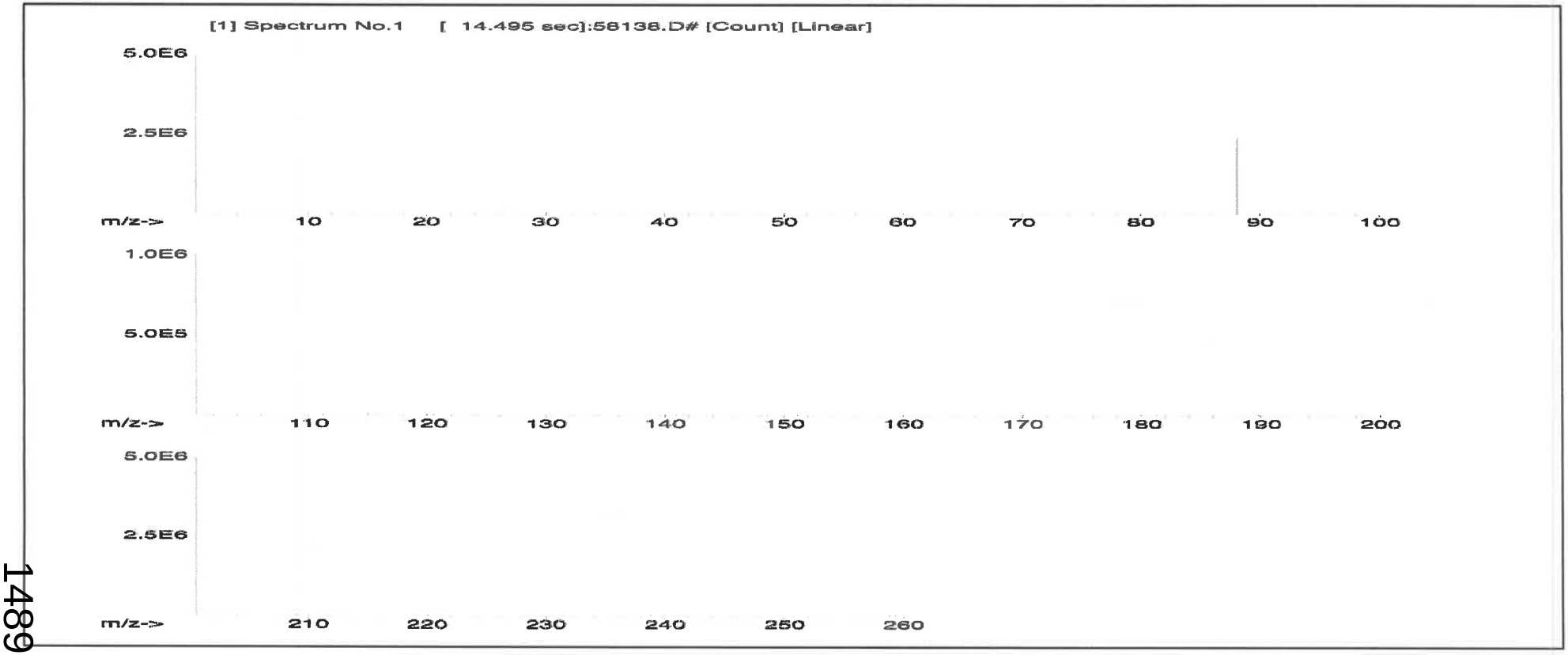
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



1489

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1490

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5983 R: 6/11/24

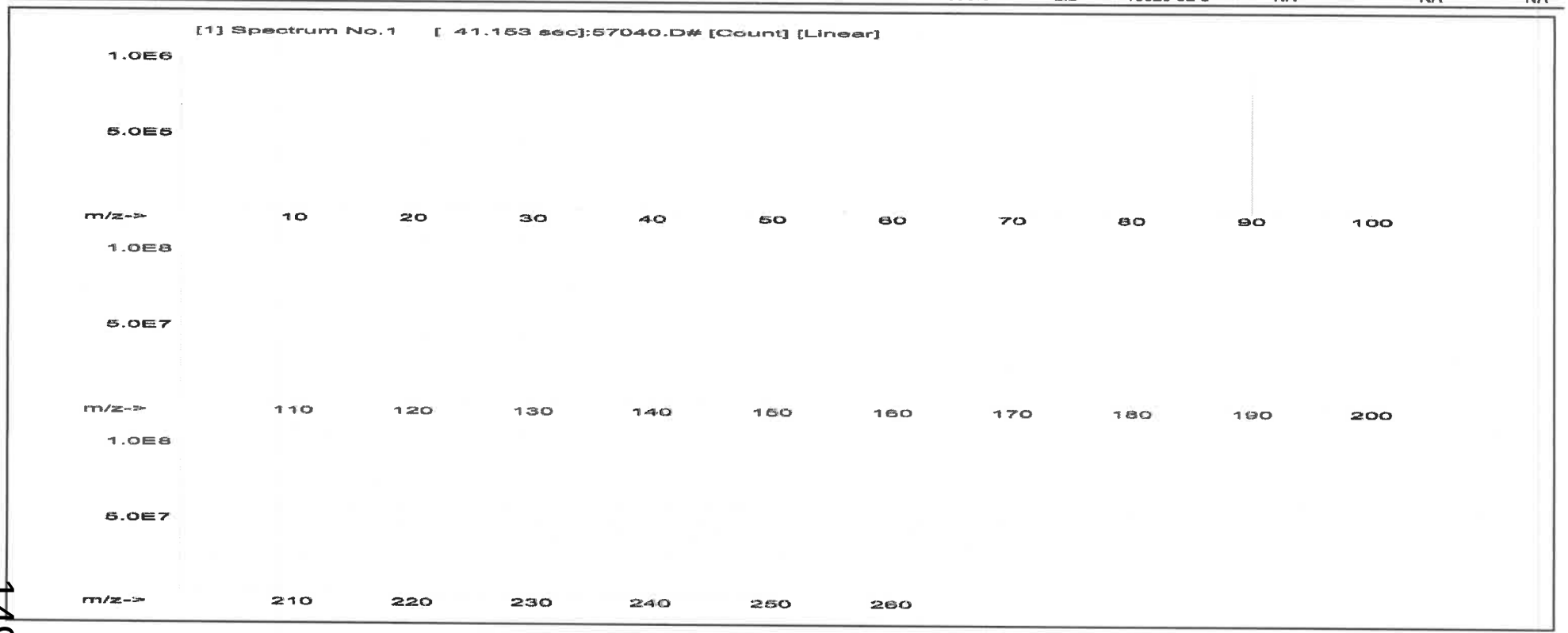
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



1491

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

1492

Absolute Standards, Inc.
800-368-1131
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Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1493

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		

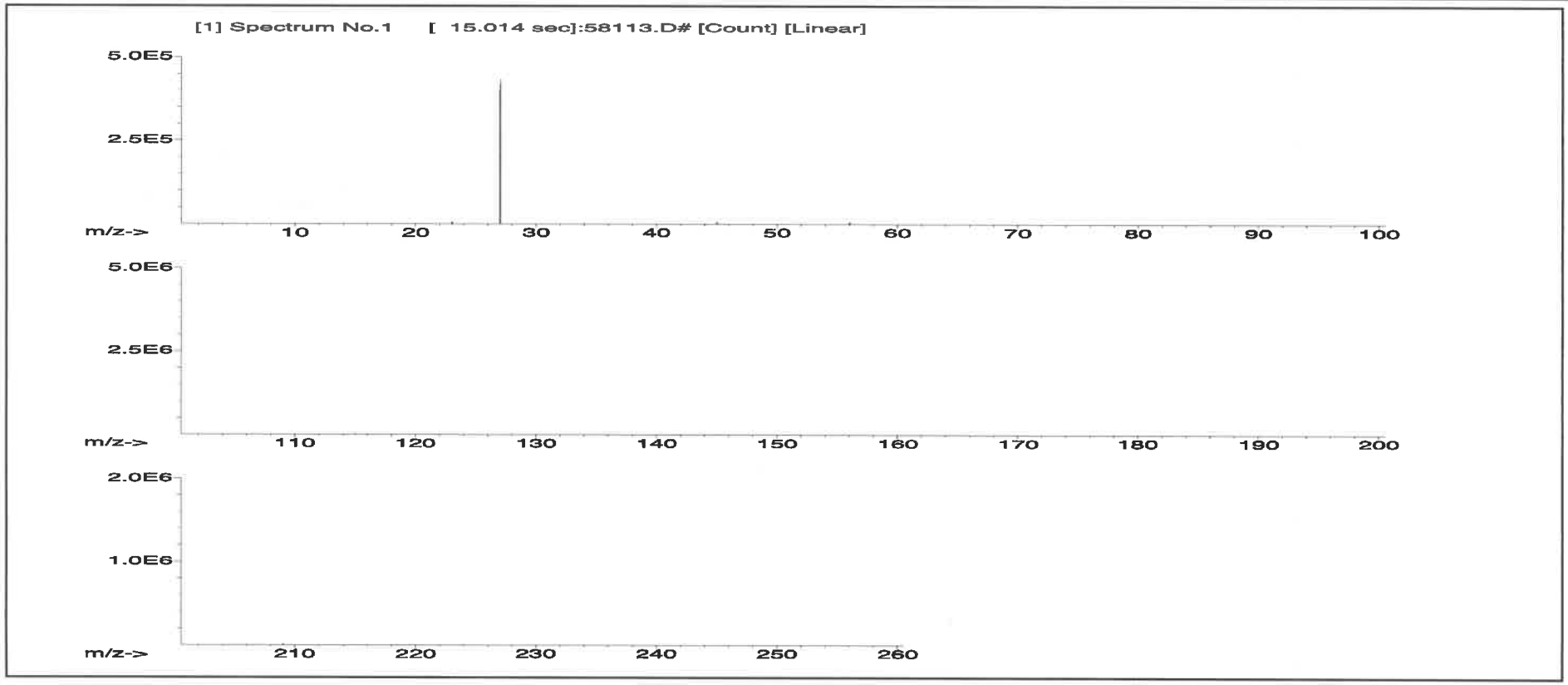
Giovanni Esposito

Formulated By:	Giovanni Esposito	011623

Pedro Rentas

Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Nitric Acid 69%
CMOS

Recv date: 1. 1. – 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

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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

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Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

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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

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

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:	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:

1503

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



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

1507

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

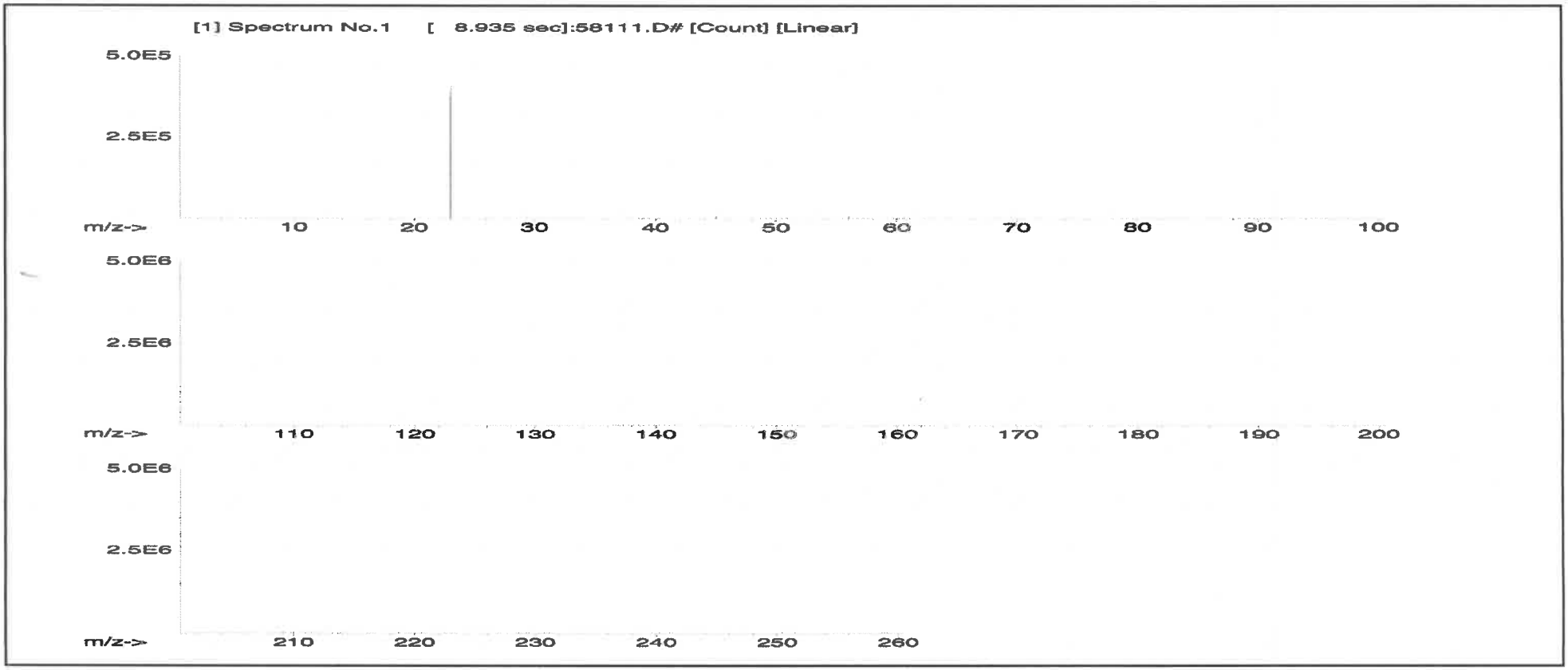
Weight shown below was diluted to (mL): 3000.4 ± 0.06 Flask Uncertainty

	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



1508

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:

1509

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

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

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

ICSA: M5873

ICSB: M5874

[ ] 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

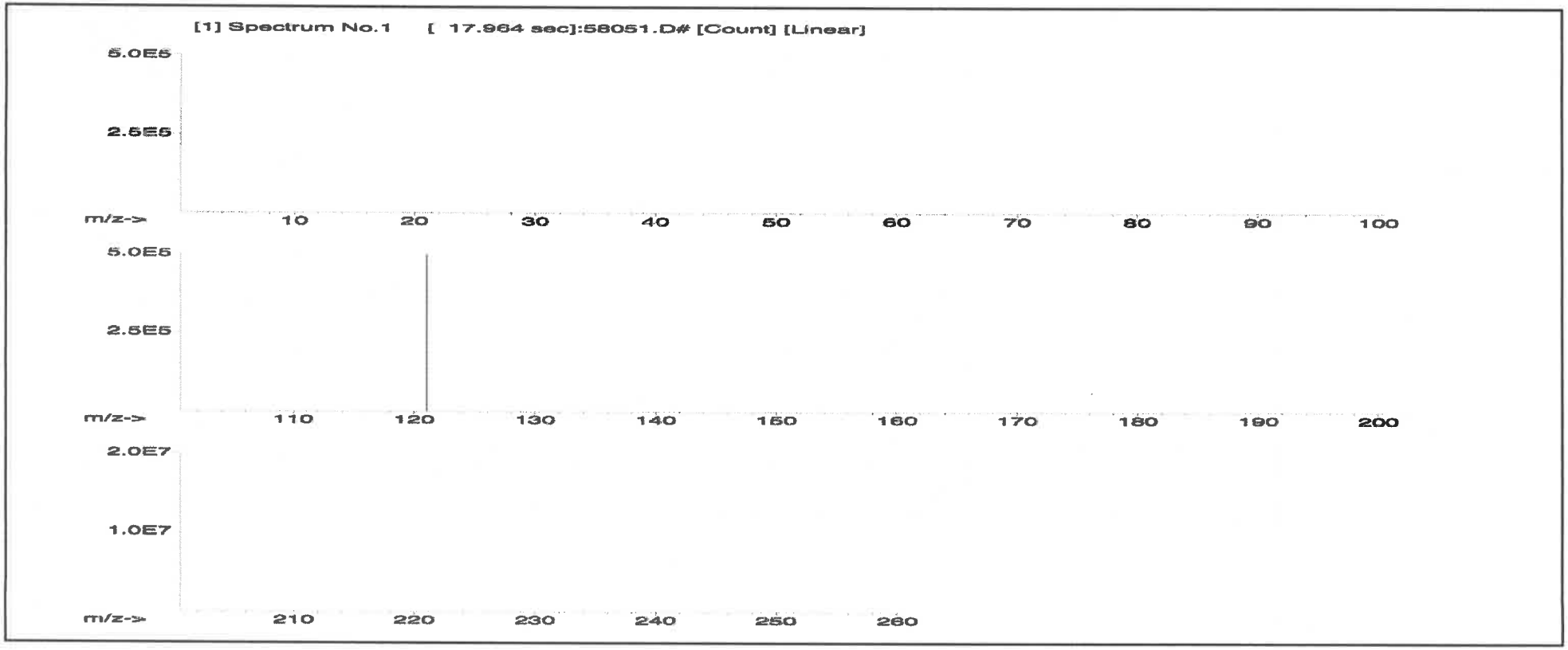
1517

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



15188

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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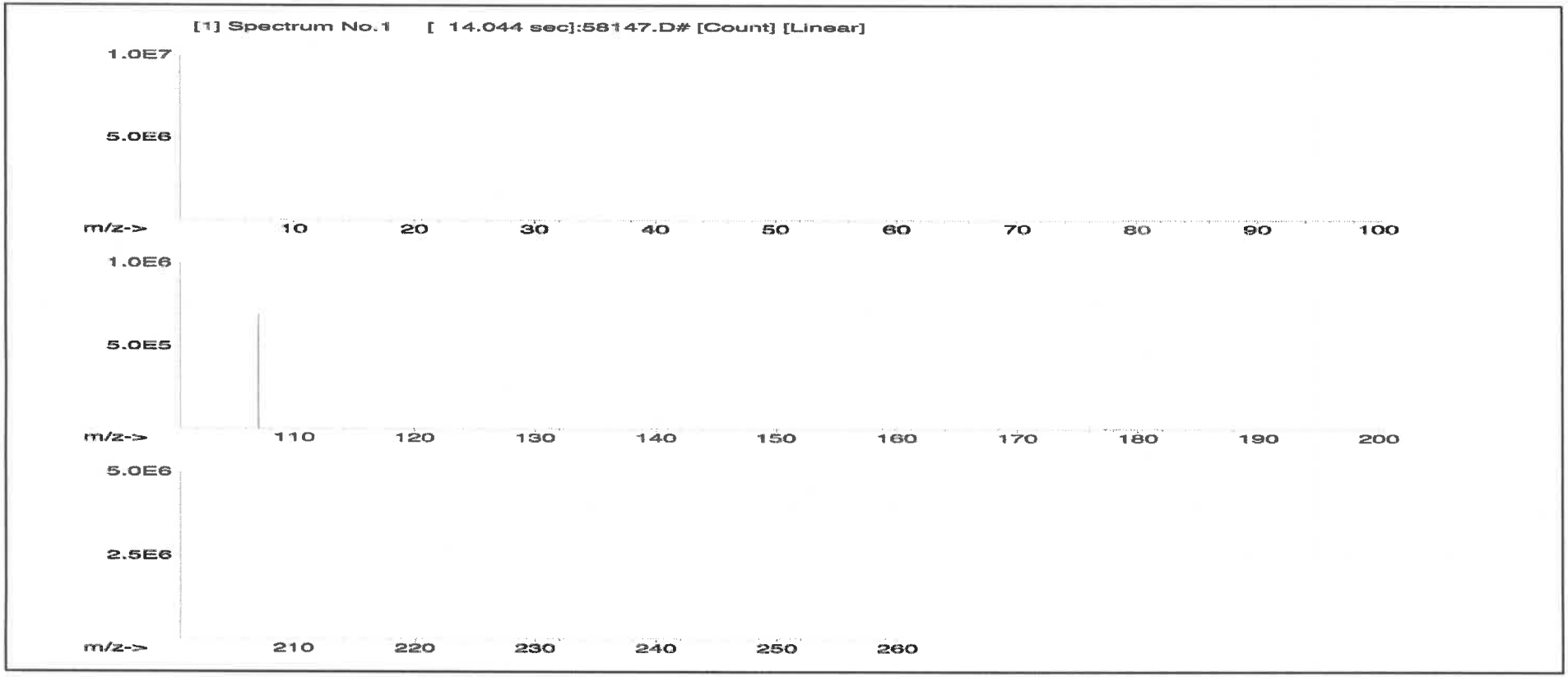
1519

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



1520

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.
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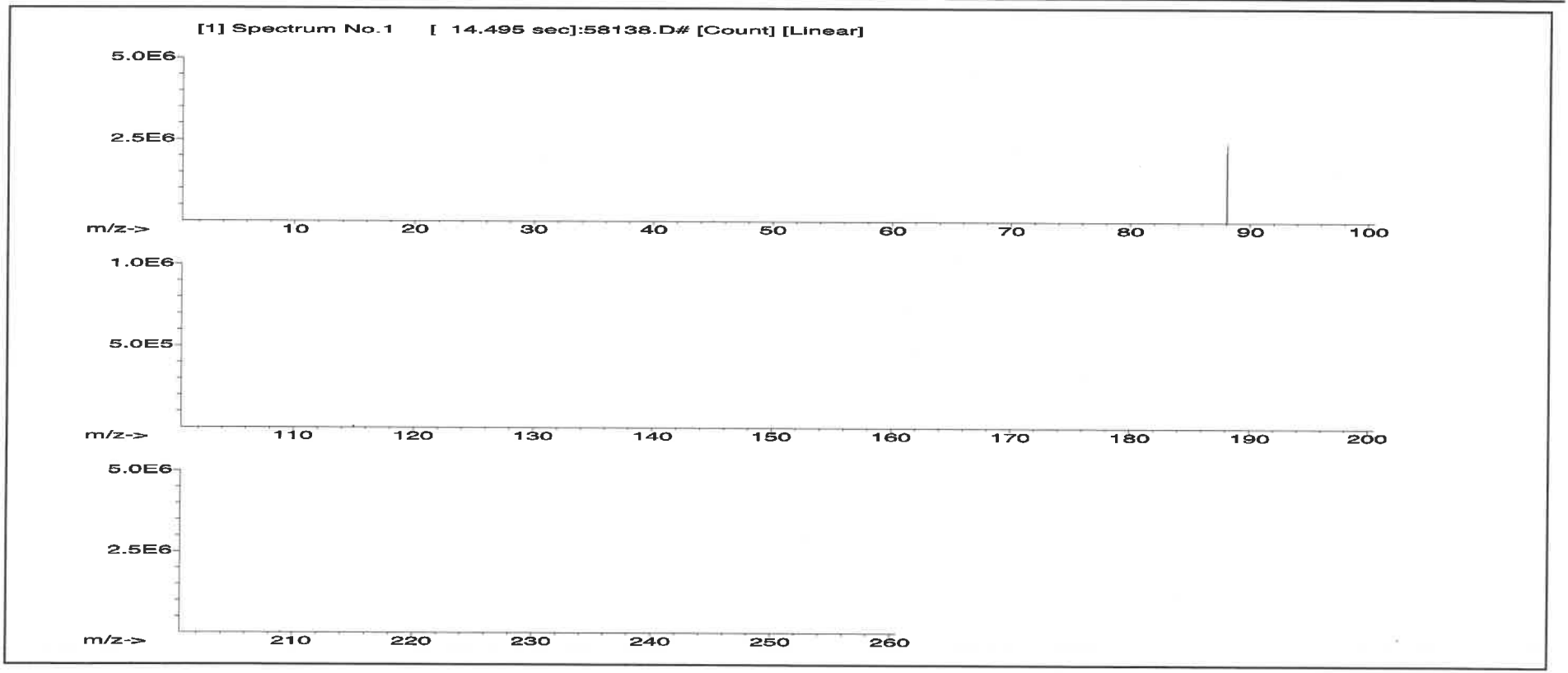
1521

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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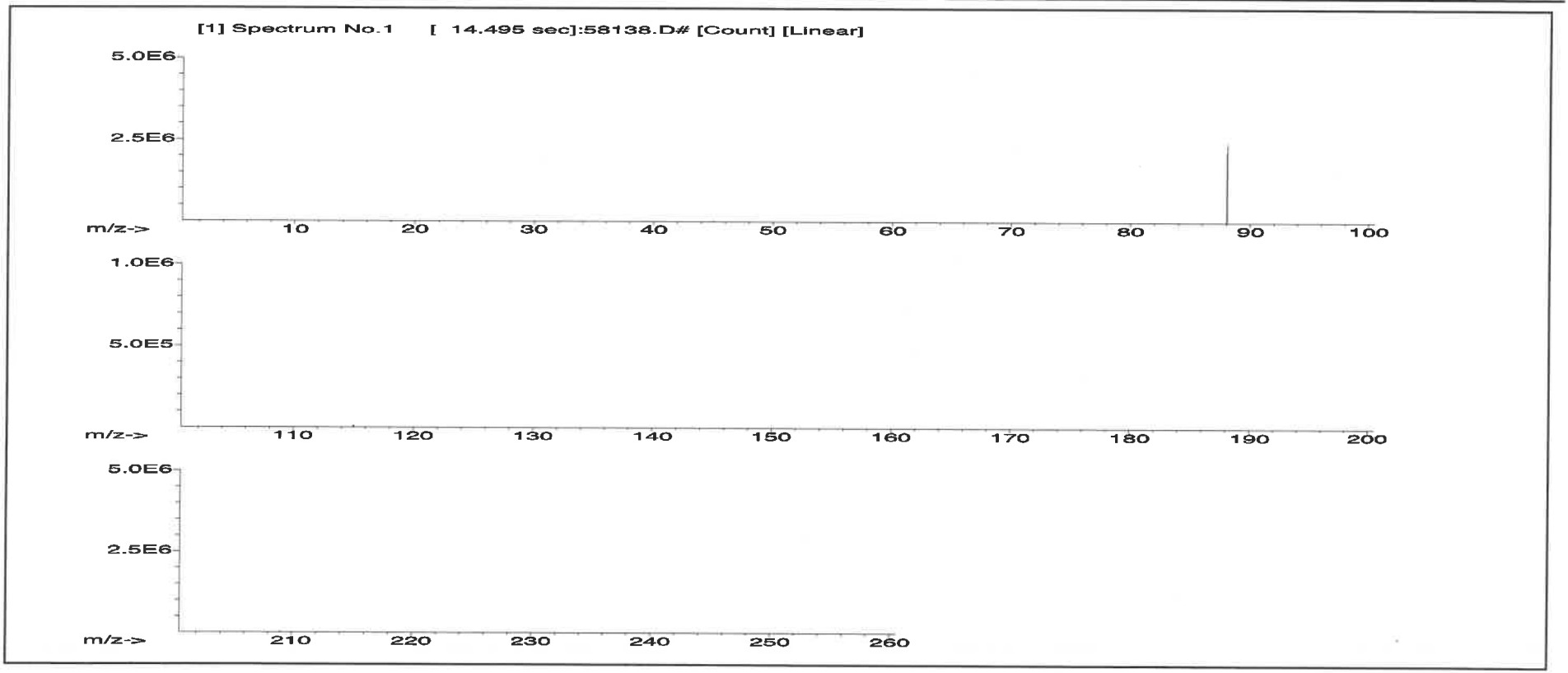
1523

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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1525

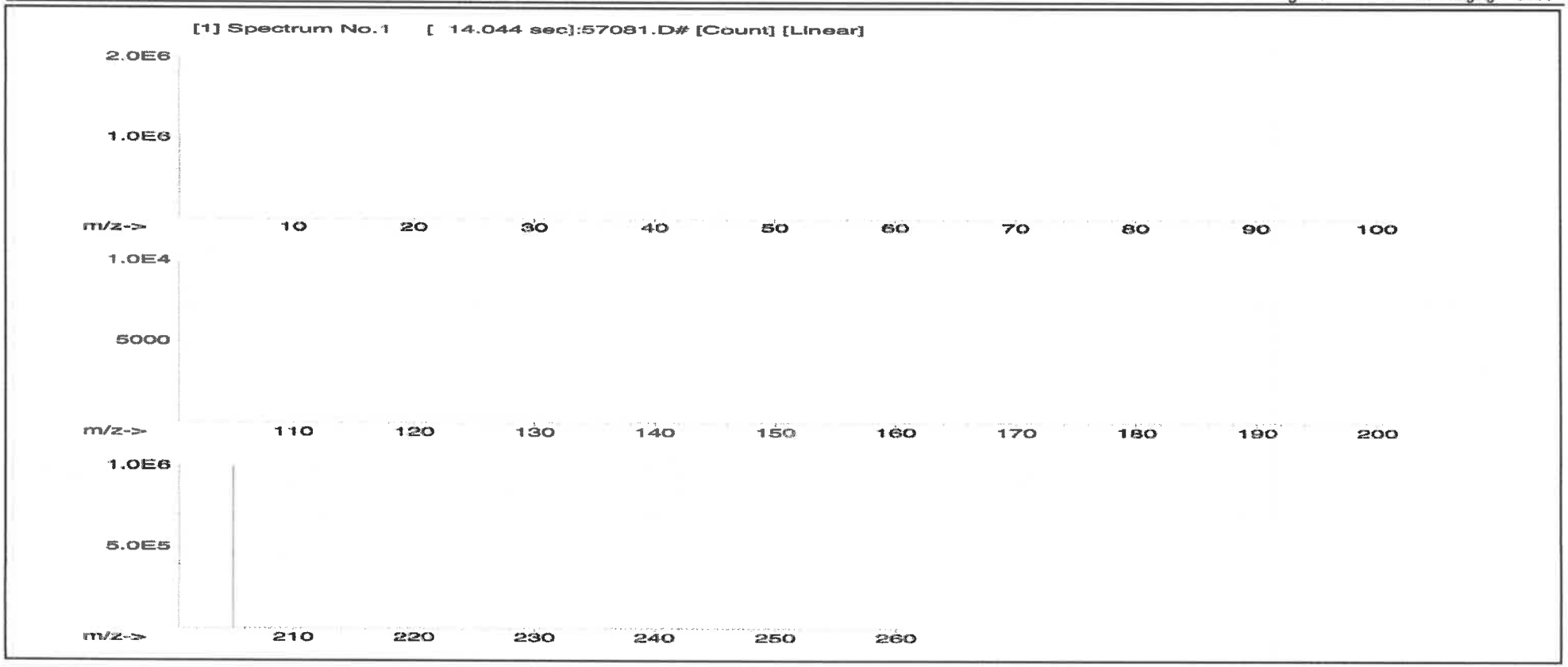
CERTIFIED WEIGHT REPORT:

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



1526

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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1527

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	24002546	Nitric Acid	
Lot Number:	**062424**			
Description:	**Vanadium (V)**			
		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	

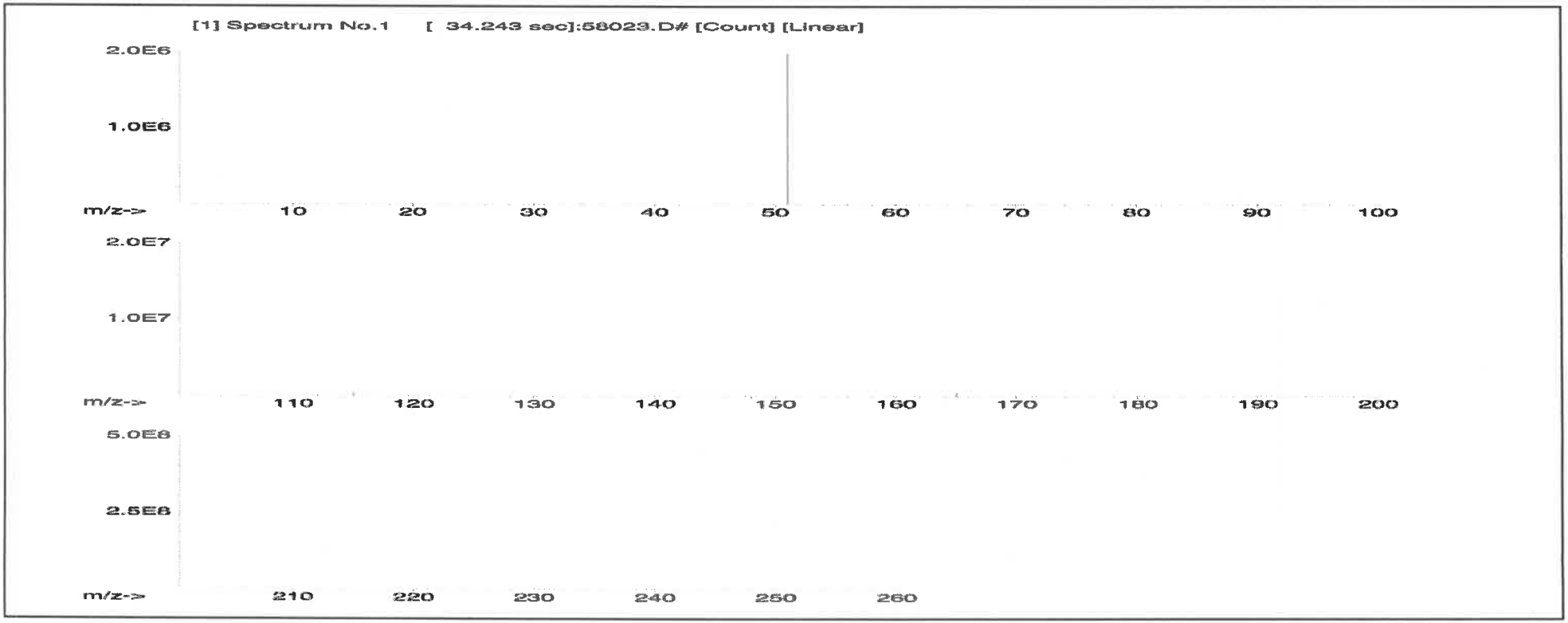
Aleah O'Brady

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



1528

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).

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 # LB132796

Review By	Jaswal	Review On	10/7/2024 3:40:15 PM
Supervise By	mohan	Supervise On	10/7/2024 11:35:34 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE012	TUNE	10/06/24 04:51		Jaswal	OK
2	S00	S0	CAL1	10/06/24 05:38		Jaswal	OK
3	S02	S02	CAL3	10/06/24 05:42		Jaswal	OK
4	S03	S03	CAL4	10/06/24 05:45		Jaswal	OK
5	S04	S04	CAL5	10/06/24 05:48		Jaswal	OK
6	S05	S05	CAL6	10/06/24 05:51		Jaswal	OK
7	S06	S06	CAL7	10/06/24 05:54		Jaswal	OK
8	S07	S07	CAL8	10/06/24 05:57		Jaswal	OK
9	S08	S08	CAL9	10/06/24 06:00		Jaswal	OK
10	ICV012	ICV012	ICV	10/06/24 06:29	Inst. paused for calibration review	Jaswal	OK
11	ICB012	ICB012	ICB	10/06/24 06:40	Inst. paused for review	Jaswal	OK
12	ICSA012	ICSA012	ICSA	10/06/24 06:44		Jaswal	OK
13	ICSAB012	ICSAB012	ICSAB	10/06/24 06:47		Jaswal	OK
14	CCV029	CCV029	CCV	10/06/24 06:50		Jaswal	OK
15	CCB029	CCB029	CCB	10/06/24 06:53		Jaswal	OK
16	PB163854BL	PBS854	MB	10/06/24 06:58		Jaswal	OK
17	PB163848BL	PBW848	MB	10/06/24 07:04		Jaswal	OK
18	PB163854BS	LCS854	LCS	10/06/24 07:13		Jaswal	OK

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Supervise By	mohan	Supervise On	10/7/2024 11:35:34 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

19	PB163848BS	LCS848	LCS	10/06/24 07:16		Jaswal	OK
20	PB163853BL	PBS853	MB	10/06/24 07:19		Jaswal	OK
21	PB163853BS	LCS853	LCS	10/06/24 07:23		Jaswal	OK
22	P4161-01	YE0S6	SAM	10/06/24 07:26		Jaswal	OK
23	P4161-02	YE0S7	SAM	10/06/24 07:29		Jaswal	OK
24	P4161-03	YE0S7D	DUP	10/06/24 07:32		Jaswal	OK
25	P4161-02L	YE0S7L	SD	10/06/24 07:35		Jaswal	OK
26	P4161-05	YE0S8	SAM	10/06/24 07:42		Jaswal	OK
27	P4161-06	YE0S9	SAM	10/06/24 07:45		Jaswal	OK
28	P4161-07	YE0T0	SAM	10/06/24 07:48		Jaswal	OK
29	P4161-08	YE0T1	SAM	10/06/24 07:53		Jaswal	OK
30	P4216-01	MH2GG8	SAM	10/06/24 07:56		Jaswal	OK
31	P4216-02	MH2GG9	SAM	10/06/24 07:59		Jaswal	OK
32	P4216-03	MH2GH0	SAM	10/06/24 08:03		Jaswal	OK
33	P4216-04	MH2GH1	SAM	10/06/24 08:06		Jaswal	OK
34	P4216-05	MH2GH2	SAM	10/06/24 08:09		Jaswal	OK
35	P4216-06	MH2GH2D	DUP	10/06/24 08:12		Jaswal	OK
36	P4216-05L	MH2GH2L	SD	10/06/24 08:15		Jaswal	OK
37	P4216-07	MH2GH2S	MS	10/06/24 08:18		Jaswal	OK
38	P4216-08	MH2GH3	SAM	10/06/24 08:21		Jaswal	OK

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Supervise By	mohan	Supervise On	10/7/2024 11:35:34 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

39	P4216-09	MH2GH4	SAM	10/06/24 08:24		Jaswal	OK
40	CCV030	CCV030	CCV	10/06/24 08:28		Jaswal	OK
41	CCB030	CCB030	CCB	10/06/24 08:30		Jaswal	OK
42	P4216-10	MH2GH5	SAM	10/06/24 08:34		Jaswal	OK
43	P4216-11	MH2GH6	SAM	10/06/24 08:37		Jaswal	OK
44	P4216-12	MH2GH7	SAM	10/06/24 08:40	Pb High	Jaswal	Dilution
45	P4161-02ARE	YE0S7A	PS	10/06/24 09:09	Not USe	Jaswal	Not Ok
46	P4216-05A	MH2GH2A	PS	10/06/24 09:12	PS For Cu(0.024ML MP82670-10ML SAMPLE)	Jaswal	OK
47	P4216-12DL	MH2GH7	SAM	10/06/24 09:15	2X For Pb	Jaswal	Confirms
48	CCV031	CCV031	CCV	10/06/24 09:19		Jaswal	OK
49	CCB031	CCB031	CCB	10/06/24 09:21		Jaswal	OK
50	PB163911BL	PBW911	MB	10/06/24 10:10		Jaswal	OK
51	PB163911BS	LCS911	LCS	10/06/24 10:13		Jaswal	OK
52	P4227-01	PMW-1(20240925)	SAM	10/06/24 10:16		Jaswal	OK
53	P4227-02	PMW-2(20240925)	SAM	10/06/24 10:19		Jaswal	OK
54	P4227-03	PMW-9S(20240926)	SAM	10/06/24 10:23		Jaswal	OK
55	P4227-04	PMW-9D(20240926)	SAM	10/06/24 10:26	Mn High	Jaswal	Dilution
56	P4227-05	PMW-8S(20240926)	SAM	10/06/24 10:29		Jaswal	OK
57	P4227-06	PMW-8D(20240926)	SAM	10/06/24 10:32		Jaswal	OK

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Supervise By	mohan	Supervise On	10/7/2024 11:35:34 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

58	P4227-07	DUP(20240926)	SAM	10/06/24 10:35		Jaswal	OK
59	CCV032	CCV032	CCV	10/06/24 10:38		Jaswal	OK
60	CCB032	CCB032	CCB	10/06/24 10:41		Jaswal	OK
61	P4227-18	PMW-10(20240927)	SAM	10/06/24 10:44	Fe High	Jaswal	Dilution
62	P4227-09	PMW-5(20240926)	SAM	10/06/24 10:47		Jaswal	OK
63	P4227-10	MW-1(MCUA)(20240	SAM	10/06/24 10:51		Jaswal	OK
64	P4227-11	PMW-3(20240927)	SAM	10/06/24 10:54		Jaswal	OK
65	P4227-12	PMW-4(20240927)	SAM	10/06/24 10:57		Jaswal	OK
66	P4227-13	PMW-6(20240927)	SAM	10/06/24 11:00	Fe High	Jaswal	Dilution
67	P4227-14	PMW-7S(20240927)	SAM	10/06/24 11:03		Jaswal	OK
68	P4227-15	PMW-7D(20240927)	SAM	10/06/24 11:07		Jaswal	OK
69	P4227-17	PMW-7D(20240927)D	DUP	10/06/24 11:10		Jaswal	OK
70	P4227-15L	PMW-7D(20240927)L	SD	10/06/24 11:13		Jaswal	OK
71	P4227-16	PMW-7D(20240927)S	MS	10/06/24 11:16		Jaswal	OK
72	P4227-08	MW-2(MCUA)(20240	SAM	10/06/24 11:19		Jaswal	OK
73	P4227-19	FB(20240925)	SAM	10/06/24 11:22		Jaswal	OK
74	P4227-20	FB(20240926)	SAM	10/06/24 11:26		Jaswal	OK
75	P4227-21	FB(20240927)	SAM	10/06/24 11:29		Jaswal	OK
76	P4227-22	EB(20240927)	SAM	10/06/24 11:32		Jaswal	OK
77	P4161-04	YE0S7S	MS	10/06/24 11:50		Jaswal	OK

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Supervise By	mohan	Supervise On	10/7/2024 11:35:34 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

78	CCV033	CCV033	CCV	10/06/24 11:58		Jaswal	OK
79	CCB033	CCB033	CCB	10/06/24 12:01		Jaswal	OK
80	P4227-08DL	MW-2(MCUA)(202409	SAM	10/06/24 12:30	Not Required	Jaswal	Not Ok
81	P4227-13DL	PMW-6(20240927)	SAM	10/06/24 12:34	2X For Fe	Jaswal	Confirms
82	P4161-02A	YE0S7A	PS	10/06/24 12:56	PS For V,Zn(0.0034ml M6021,0.0075ml m5819-10ml sample)	Jaswal	OK
83	CCV034	CCV034	CCV	10/06/24 12:59		Jaswal	OK
84	CCB034	CCB034	CCB	10/06/24 13:01		Jaswal	OK
85	CCV035	CCV035	CCV	10/06/24 13:05		Jaswal	OK
86	CCB035	CCB035	CCB	10/06/24 13:08		Jaswal	OK
87	ICSA013	ICSA013	ICSA	10/06/24 13:48		Jaswal	OK
88	ICSAB013	ICSAB013	ICSAB	10/06/24 13:51		Jaswal	OK
89	CCV036	CCV036	CCV	10/06/24 13:54		Jaswal	OK
90	CCB036	CCB036	CCB	10/06/24 13:57		Jaswal	OK
91	PB163704BL	PBS704	MB	10/06/24 14:05		Jaswal	OK
92	PB163704BS	LCS704	LCS	10/06/24 14:08		Jaswal	OK
93	PB163704BSD	LCSD704	LCSD	10/06/24 14:12		Jaswal	OK
94	P2811-01	MYD4W7	SAM	10/06/24 14:15		Jaswal	OK
95	P2811-02	MYD4W8	SAM	10/06/24 14:18		Jaswal	OK
96	P2811-03	MYD4W9	SAM	10/06/24 14:21		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132796

Review By	Jaswal	Review On	10/7/2024 3:40:15 PM
Supervise By	mohan	Supervise On	10/7/2024 11:35:34 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

97	P2811-04	MYD4X0	SAM	10/06/24 14:24		Jaswal	OK
98	P2811-05	MYD4X1	SAM	10/06/24 14:28		Jaswal	OK
99	P2811-06	MYD4X2	SAM	10/06/24 14:31		Jaswal	OK
100	P2811-07	MYD4X3	SAM	10/06/24 14:34		Jaswal	OK
101	P2811-08	MYD4X4	SAM	10/06/24 14:37		Jaswal	OK
102	P2811-09	MYD4X5	SAM	10/06/24 14:40		Jaswal	OK
103	P2811-10	MYD4X6	SAM	10/06/24 14:44		Jaswal	OK
104	P2811-11	MYD4X7	SAM	10/06/24 14:47		Jaswal	OK
105	P2811-12	MYD4X8	SAM	10/06/24 14:50		Jaswal	OK
106	P2811-13	MYD4X9	SAM	10/06/24 14:53		Jaswal	OK
107	P2811-14	MYD4Y0	SAM	10/06/24 14:56		Jaswal	OK
108	P2811-15	MYD4Y1	SAM	10/06/24 15:00		Jaswal	OK
109	P2811-16	MYD4Y2	SAM	10/06/24 15:03		Jaswal	OK
110	P2811-17	MYD4Y3	SAM	10/06/24 15:06	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
111	P2811-18	MYD4Y3D	DUP	10/06/24 15:09	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
112	P2811-17L	MYD4Y3L	SD	10/06/24 15:12	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
113	P2811-19	MYD4Y3S	MS	10/06/24 15:16	Ba,Co,Ni,V High in MS RE	Jaswal	Dilution
114	P2811-17MS	MYD4Y3SRE	MS	10/06/24 15:19	Ba,Co,Ni,V High	Jaswal	Dilution
115	P2811-20	MYD4Y5	SAM	10/06/24 15:22		Jaswal	OK
116	P2811-21	MYD4Y6	SAM	10/06/24 15:25		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132796

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Supervise By	mohan	Supervise On	10/7/2024 11:35:34 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82170
Chk Standard	MP82587,MP82586

117	P2811-22	MYD4Y7	SAM	10/06/24 15:28		Jaswal	OK
118	CCV037	CCV037	CCV	10/06/24 15:41		Jaswal	OK
119	CCB037	CCB037	CCB	10/06/24 15:43		Jaswal	OK
120	P2811-17DL	MYD4Y3	SAM	10/06/24 16:06	4X For Ba,Co,Ni,V	Jaswal	Confirms
121	P2811-18DL	MYD4Y3D	DUP	10/06/24 16:09	4X For Ba,Co,Ni,V	Jaswal	Confirms
122	P2811-17LDL	MYD4Y3L	SD	10/06/24 16:13	20X For Ba,Co,Ni,V	Jaswal	Confirms
123	P2811-19DL	MYD4Y3S	MS	10/06/24 16:16	4X For Ba,Co,Ni,V	Jaswal	Confirms
124	P2811-17MSDL	MYD4Y3SRE	MS	10/06/24 16:19	4X For Ba,Co,Ni,V	Jaswal	Confirms
125	CCV038	CCV038	CCV	10/06/24 16:22		Jaswal	OK
126	CCB038	CCB038	CCB	10/06/24 16:25		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE004	TUNE	10/25/24 02:00		Jaswal	OK
2	S00	S0	CAL1	10/25/24 02:54		Jaswal	OK
3	S02	S02	CAL3	10/25/24 02:57		Jaswal	OK
4	S03	S03	CAL4	10/25/24 03:01		Jaswal	OK
5	S04	S04	CAL5	10/25/24 03:04		Jaswal	OK
6	S05	S05	CAL6	10/25/24 03:07		Jaswal	OK
7	S06	S06	CAL7	10/25/24 03:10		Jaswal	OK
8	S07	S07	CAL8	10/25/24 03:13		Jaswal	OK
9	S08	S08	CAL9	10/25/24 03:15		Jaswal	OK
10	ICV004	ICV004	ICV	10/25/24 03:21	Inst pause for calibration review	Jaswal	OK
11	ICB004	ICB004	ICB	10/25/24 03:24		Jaswal	OK
12	ICSA004	ICSA004	ICSA	10/25/24 03:28		Jaswal	OK
13	ICSAB004	ICSAB004	ICSAB	10/25/24 03:31		Jaswal	OK
14	CCV014	CCV014	CCV	10/25/24 03:34		Jaswal	OK
15	CCB014	CCB014	CCB	10/25/24 03:37		Jaswal	OK
16	PB164128BL	PBS128	MB	10/25/24 03:40	Not use	Jaswal	Not Ok
17	PB164128BS	LCS128	LCS	10/25/24 03:43	Not use	Jaswal	Not Ok
18	PB164128BSD	LCSD128	LCSD	10/25/24 03:47	Not use	Jaswal	Not Ok

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

19	P4301-01	MYDAB3	SAM	10/25/24 03:55	INT_STD 45Sc(2) Fail	Jaswal	Dilution
20	P4301-01RE	MYDAB3	SAM	10/25/24 03:58	Not Use	Jaswal	Not Ok
21	P4301-02	MYDAB4	SAM	10/25/24 04:01	INT_STD 45Sc(2) Fail	Jaswal	Dilution
22	P4301-03	MYDAB5	SAM	10/25/24 04:04	INT_STD 45Sc(2) Fail	Jaswal	Dilution
23	P4301-04	MYDAB6	SAM	10/25/24 04:07		Jaswal	OK
24	P4301-05	MYDAB7	SAM	10/25/24 04:11	INT_STD 45Sc(2) Fail	Jaswal	Dilution
25	P4301-06	MYDAB8	SAM	10/25/24 04:14		Jaswal	OK
26	P4301-07	MYDAB9	SAM	10/25/24 04:17		Jaswal	OK
27	P4301-08	MYDAC0	SAM	10/25/24 04:20		Jaswal	OK
28	P4301-09	MYDAC1	SAM	10/25/24 04:23	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
29	P4301-10	MYDAC1D	DUP	10/25/24 04:26	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
30	P4301-09L	MYDAC1L	SD	10/25/24 04:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
31	P4301-11	MYDAC1S	MS	10/25/24 04:33	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
32	P4301-09MS	MYDAC1SRE	MS	10/25/24 04:36	MS Fail Fo Ag(Below RL), Ba,Co,Ni,V High	Jaswal	Dilution
33	P4301-12	MYDAC2	SAM	10/25/24 04:39		Jaswal	OK
34	P4301-13	MYDAC3	SAM	10/25/24 04:42	INT_STD 45Sc(2) Fail	Jaswal	Dilution
35	P4301-14	MYDAC4	SAM	10/25/24 04:45		Jaswal	OK
36	P4301-15	MYDAC5	SAM	10/25/24 04:48		Jaswal	OK
37	P4301-16	MYDAC6	SAM	10/25/24 04:51		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

38	P4301-17	MYDAC7	SAM	10/25/24 04:55		Jaswal	OK
39	P4301-18	MYDAC8	SAM	10/25/24 04:58		Jaswal	OK
40	P4301-19	MYDAC9	SAM	10/25/24 05:02		Jaswal	OK
41	P4301-20	MYDAD0	SAM	10/25/24 05:05		Jaswal	OK
42	P4301-21	MYDAD1	SAM	10/25/24 05:08		Jaswal	OK
43	CCV015	CCV015	CCV	10/25/24 05:11		Jaswal	OK
44	CCB015	CCB015	CCB	10/25/24 05:14		Jaswal	OK
45	P4301-22	MYDAD2	SAM	10/25/24 05:17		Jaswal	OK
46	PB164141BL	PBS141	MB	10/25/24 05:24		Jaswal	OK
47	PB164141BS	LCS141	LCS	10/25/24 05:27		Jaswal	OK
48	PB164141BSD	LCSD141	LCSD	10/25/24 05:31		Jaswal	OK
49	P4302-01	MYDAD3	SAM	10/25/24 05:34		Jaswal	OK
50	P4302-02	MYDAD4	SAM	10/25/24 05:37		Jaswal	OK
51	P4302-03	MYDAD5	SAM	10/25/24 05:40		Jaswal	OK
52	P4302-04	MYDAD6	SAM	10/25/24 05:44		Jaswal	OK
53	P4302-05	MYDAD7	SAM	10/25/24 05:47		Jaswal	OK
54	P4302-06	MYDAD8	SAM	10/25/24 05:50		Jaswal	OK
55	P4302-07	MYDAD9	SAM	10/25/24 05:53		Jaswal	OK
56	P4302-08	MYDAE0	SAM	10/25/24 05:56		Jaswal	OK
57	P4302-09	MYDAE1	SAM	10/25/24 06:00	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

58	P4302-10	MYDAE1D	DUP	10/25/24 06:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
59	P4302-09L	MYDAE1L	SD	10/25/24 06:06	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
60	P4302-11	MYDAE1S	MS	10/25/24 06:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
61	P4302-09MS	MYDAE1SRE	MS	10/25/24 06:12	MS Fail Fo Ag(Below RL), Ba,Co,Ni,V High	Jaswal	Dilution
62	P4302-12	MYDAE2	SAM	10/25/24 06:15		Jaswal	OK
63	P4302-13	MYDAE3	SAM	10/25/24 06:19		Jaswal	OK
64	P4302-14	MYDAE4	SAM	10/25/24 06:22		Jaswal	OK
65	P4302-15	MYDAE5	SAM	10/25/24 06:25		Jaswal	OK
66	P4302-16	MYDAE6	SAM	10/25/24 06:28		Jaswal	OK
67	P4302-17	MYDAE8	SAM	10/25/24 06:32		Jaswal	OK
68	P4302-18	MYDAE9	SAM	10/25/24 06:35		Jaswal	OK
69	P4302-19	MYDAF0	SAM	10/25/24 06:38		Jaswal	OK
70	P4302-20	MYDAF1	SAM	10/25/24 06:41		Jaswal	OK
71	CCV016	CCV016	CCV	10/25/24 06:52		Jaswal	OK
72	CCB016	CCB016	CCB	10/25/24 06:56		Jaswal	OK
73	P4302-21	MYDAF2	SAM	10/25/24 06:59		Jaswal	OK
74	P4302-22	MYDAF3	SAM	10/25/24 07:03		Jaswal	OK
75	P4301-09DL	MYDAC1	SAM	10/25/24 07:06	4X For Ba,Co,Ni,V	Jaswal	Confirms
76	P4301-10DL	MYDAC1D	DUP	10/25/24 07:09	4X For Ba,Co,Ni,V	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

77	P4301-09LDL	MYDAC1L	SD	10/25/24 07:12	20X For Ba,Co,Ni,V	Jaswal	Confirms
78	P4301-11DL	MYDAC1S	MS	10/25/24 07:15	4X For Ba,Co,Ni,V	Jaswal	Confirms
79	P4301-09MSDL	MYDAC1SRE	MS	10/25/24 07:19	4X For Ba,Co,Ni,V	Jaswal	Confirms
80	P4302-09DL	MYDAE1	SAM	10/25/24 07:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
81	P4302-10DL	MYDAE1D	DUP	10/25/24 07:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
82	P4302-09LDL	MYDAE1L	SD	10/25/24 07:28	20X For Ba,Co,Ni,V	Jaswal	Confirms
83	P4302-11DL	MYDAE1S	MS	10/25/24 07:32	4X For Ba,Co,Ni,V	Jaswal	Confirms
84	P4302-09MSDL	MYDAE1SRE	MS	10/25/24 07:35	4X For Ba,Co,Ni,V	Jaswal	Confirms
85	PB164130BL	PBS130	MB	10/25/24 07:39		Jaswal	OK
86	PB164130BS	LCS130	LCS	10/25/24 07:43		Jaswal	OK
87	PB164130BSD	LCSD130	LCSD	10/25/24 07:46		Jaswal	OK
88	P4296-07A	MYD0Y5ARE	PS	10/25/24 07:49	Not Use - PS For As,Cu,Ag,Zn	Jaswal	Not Ok
89	P4297-14A	MYDA66ARE	PS	10/25/24 07:52	PS For Ag - 0.02-MP82863-10 ml SAmple	Jaswal	OK
90	P4298-16A	MYDA88ARE	PS	10/25/24 07:56	PS for As,Ag - 0.0055-M5801 , 0.02-MP82863 - 10 ml Sample	Jaswal	OK
91	P4299-19A	MYDAB1ARE	PS	10/25/24 07:59	PS for As,Ag - 0.003-M5801 , 0.02-MP82863 - 10 ml Sample	Jaswal	OK
92	P4298-16DL	MYDA88	SAM	10/25/24 08:05	4X For Ba,Co,Ni,V	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

93	P4298-17DL	MYDA88D	DUP	10/25/24 08:08	4X For Ba,Co,Ni,V	Jaswal	Confirms
94	P4298-16LDL	MYDA88L	SD	10/25/24 08:12	20X For Ba,Co,Ni,V	Jaswal	Confirms
95	P4298-18DL	MYDA88S	MS	10/25/24 08:15	4X For Ba,Co,Ni,V	Jaswal	Confirms
96	P4298-16MSDL	MYDA88SRE	MS	10/25/24 08:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
97	CCV017	CCV017	CCV	10/25/24 08:21		Jaswal	OK
98	CCB017	CCB017	CCB	10/25/24 08:24		Jaswal	OK
99	P4299-19DL	MYDAB1	SAM	10/25/24 08:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
100	P4299-20DL	MYDAB1D	DUP	10/25/24 08:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
101	P4299-19LDL	MYDAB1L	SD	10/25/24 08:35	20X For Ba,Co,Ni,V	Jaswal	Confirms
102	P4299-21DL	MYDAB1S	MS	10/25/24 08:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
103	P4299-19MSDL	MYDAB1SRE	MS	10/25/24 08:41	4X For Ba,Co,Ni,V	Jaswal	Confirms
104	P4295-20DL	MYDA41	SAM	10/25/24 08:57	Not Required	Jaswal	Not Ok
105	P4296-04DL	MYD0Y2	SAM	10/25/24 09:00	Not Required	Jaswal	Not Ok
106	P4296-10DL	MYD0Y9	SAM	10/25/24 09:07	Not Required	Jaswal	Not Ok
107	P4227-04DL	PMW-9D(20240926)	SAM	10/25/24 09:10	2X for Mn	Jaswal	Confirms
108	P4227-18DL	PMW-10(20240927)	SAM	10/25/24 09:13	5X For Fe	Jaswal	Confirms
109	P4247-06DL	MYD9N4	SAM	10/25/24 09:16	Not Required	Jaswal	Not Ok
110	P4247-08DL	MYD9N6	SAM	10/25/24 09:19	Not Required	Jaswal	Not Ok
111	P4301-01DL	MYDAB3	SAM	10/25/24 09:23	2X For INT_STD 45Sc(2)	Jaswal	Confirms
112	P4301-02DL	MYDAB4	SAM	10/25/24 09:26	2X For INT_STD 45Sc(2)	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

113	P4301-03DL	MYDAB5	SAM	10/25/24 09:29	2X For INT_STD 45Sc(2)	Jaswal	Confirms
114	P4301-05DL	MYDAB7	SAM	10/25/24 09:32	2X For INT_STD 45Sc(2)	Jaswal	Confirms
115	P4301-13DL	MYDAC3	SAM	10/25/24 09:36	2X For INT_STD 45Sc(2)	Jaswal	Confirms
116	CCV018	CCV018	CCV	10/25/24 09:43		Jaswal	OK
117	CCB018	CCB018	CCB	10/25/24 09:46		Jaswal	OK

EPA SAMPLE NO.

DUP(20240926)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-07

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.024	J	10/09/2024	1621

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

Comments:

EPA SAMPLE NO.

EB(20240927)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-22

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1704

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

Comments:

EPA SAMPLE NO.

FB(20240925)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-19

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.11	J	10/09/2024	1653

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

Comments:

EPA SAMPLE NO.

FB(20240926)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-20

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1700

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

Comments:

EPA SAMPLE NO.

FB(20240927)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-21

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1702

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

Comments:

EPA SAMPLE NO.

MW-1(MCUA)(20240

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-10

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1628

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

Comments:

EPA SAMPLE NO.

MW-2(MCUA)(20240

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-08

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1623

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

Comments:

EPA SAMPLE NO.

PMW-1(20240925)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-01

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	1.3		10/09/2024	1607

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

Comments:

EPA SAMPLE NO.

PMW-10(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-18

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.18	J	10/09/2024	1651

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

Comments:

EPA SAMPLE NO.

PMW-2(20240925)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-02

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.24		10/09/2024	1610

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

Comments:

EPA SAMPLE NO.

PMW-3(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-11

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.040	J	10/09/2024	1630

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

Comments:

EPA SAMPLE NO.

PMW-4(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-12

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1632

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

Comments:

EPA SAMPLE NO.

PMW-5(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-09

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.041	J	10/09/2024	1626

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

Comments:

EPA SAMPLE NO.

PMW-6(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-13

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.029	J	10/09/2024	1635

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

Comments:

EPA SAMPLE NO.

PMW-7D(20240927)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-15

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1639

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

Comments:

EPA SAMPLE NO.

PMW-7S(20240927)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-14

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1637

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

Comments:

EPA SAMPLE NO.

PMW-8D(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-06

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1619

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

Comments:

EPA SAMPLE NO.

PMW-8S(20240926)

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-05

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.20	U	10/09/2024	1616

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

Comments:

EPA SAMPLE NO.

PMW-9D(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-04

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.035	J	10/09/2024	1614

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

Comments:

EPA SAMPLE NO.

PMW-9S(20240926)

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: ARC Sayreville MA No. : SDG No.: P4227

Matrix: Water Lab Sample ID: P4227-03

% Solids: Date Received: 09/27/2024

Analytical Method: Hg

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
7439-97-6	Mercury	0.034	J	10/09/2024	1612

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

Comments:

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : SDG No.: P4227

Initial Calibration Verification Source : MP82739

Continuing Calibration Verification Source : MP82741

Run Batch: LB132850 Analytical Method: CVAA

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV031				ID: CCV095				ID: CCV096		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Mercury	4.0	3.7	92		5.0	5.0	101		5.1	102	

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

Lab Code: ACE Case No.: ARC Sayrevill MA No. : SDG No.: P4227

Initial Calibration Verification Source : MP82739

Continuing Calibration Verification Source : MP82741

Run Batch: LB132850 Analytical Method: CVAA

Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV097				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Mercury					5.0	5.0	101				

FORM 3 - IN
BLANKS

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

Lab Code: ACE Case No.: ARC Sayrevil MA No. : S DG No.: P4227

Preparation Blank Matrix : Water

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

Analytical Method: CVAA Preparation Batch: PB164008

Run Batch: LB132850 Preparation Method: 7470A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB031	Q	ID: CCB095	Q	ID: CCB096	Q	ID: CCB097	Q	ID: PBW008	Q
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

EPA SAMPLE NO.

PMW-7D(20240927):

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030

Lab Code: ACE Case No.: ARC Sayrevil MA No. : SDG No.: P4227

Matrix : Water Analytical Method: CVAA

% Solids:

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Mercury	75 - 125	0.79		0.2	U	1.0	79	

EPA SAMPLE NO.

PMW-7D(20240927)D

FORM 6 - IN
DUPLICATES

Lab Name: Chemtech Consulting Group Contract: EPW14030

Lab Code: ACE Case No.: ARC Sayrevill MA No. : SDG No.: P4227

Matrix : Water Analytical Method: CVAA

% Solids:

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

Analyte	Control Limit	Sample (S)	Q	Duplicate (D)	Q	RPD	Q
Mercury		0.2	U	0.2	U		

FORM 9-IN

METHOD DETECTION LIMIT

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

Lab Code: ACE Case No.: ARC Sayreville PostEx 2024 SDG No.: P4227

Analytical Method: CVAA MA No.: Instrument ID: CV1

Preparation Method: 7470A

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

Analyte	Wavelength/Mass	MDL	Date Analyzed
Mercury	253.70	0.024	02/16/2024

FORM 9-IN

METHOD DETECTION LIMIT

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

Lab Code: ACE Case No.: ARC Say MA No.: 30184323.000 SDG No.: P4227

Analytical Method: CVAA Instrument ID: CV1

Preparation Method: 7470A

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

Analyte	Wavelength/Mass	MDL	Date Analyzed

FORM 12-IN

ANALYSIS LOG

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

Lab Code: ACE Case No.: ARC Sayreville PostEx 2024 SDG No.: P4227

Instrument ID: CV1 Analytical Method: CVAA

Start Date: 10/09/2024 End Date: 10/09/2024

Run Batch: LB132850

EPA Sample No.	D/F	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
S0	1.0	1539															X											
S01	1.0	1541															X											
S02	1.0	1544															X											
S03	1.0	1546															X											
S04	1.0	1548															X											
S05	1.0	1553															X											
ICV031	1.0	1556															X											
ICB031	1.0	1558															X											
CCV095	1.0	1601															X											
CCB095	1.0	1603															X											
PBW008	1.0	1605															X											
PMW-1(2024	1.0	1607															X											
PMW-2(2024	1.0	1610															X											
PMW-9S(202	1.0	1612															X											
PMW-9D(202	1.0	1614															X											
PMW-8S(202	1.0	1616															X											
PMW-8D(202	1.0	1619															X											
DUP(2024091	1.0	1621															X											
MW-2(MCUA)	1.0	1623															X											
PMW-5(2024	1.0	1626															X											
MW-1(MCUA)	1.0	1628															X											
PMW-3(2024	1.0	1630															X											
PMW-4(2024	1.0	1632															X											
PMW-6(2024	1.0	1635															X											
PMW-7S(202	1.0	1637															X											
PMW-7D(202	1.0	1639															X											
PMW-7D(202	1.0	1644															X											
PMW-7D(202	1.0	1648															X											
PMW-10(202	1.0	1651															X											
FB(2024092	1.0	1653															X											
CCV096	1.0	1655															X											
CCB096	1.0	1657															X											
FB(2024092	1.0	1700															X											
FB(2024092	1.0	1702															X											
EB(2024092	1.0	1704															X											
CCV097	1.0	1707															X											
CCB097	1.0	1709															X											

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayreville PostEx 2024 SDG No.: P4227

Instrument ID: CV1 Start Date: 10/09/2024

Analytical Method: CVAA Run Batch: LB132850

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Mercury	0	0.0	0	0.2	0.24	20	2.5	2.5	0

FORM 15-IN

INITIAL CALIBRATION

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

Lab Code: ACE Case No.: ARC Sayrevi MA No.: 30184323.00C SDG No.: P4227

Instrument ID: CV1 Start Date: 10/09/2024

Analytical Method: CVAA Run Batch: LB132850

Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Mercury	5	5.1	2	7.5	7.2	-4	10	10	2

FORM 16-IN

INITIAL CALIBRATION SUMMARY

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

Lab Code: ACE Case No.: ARC Sayreville PostEx 2024 SDG No.: P4227

Instrument ID: CV1 Start Date : 10/09/2024

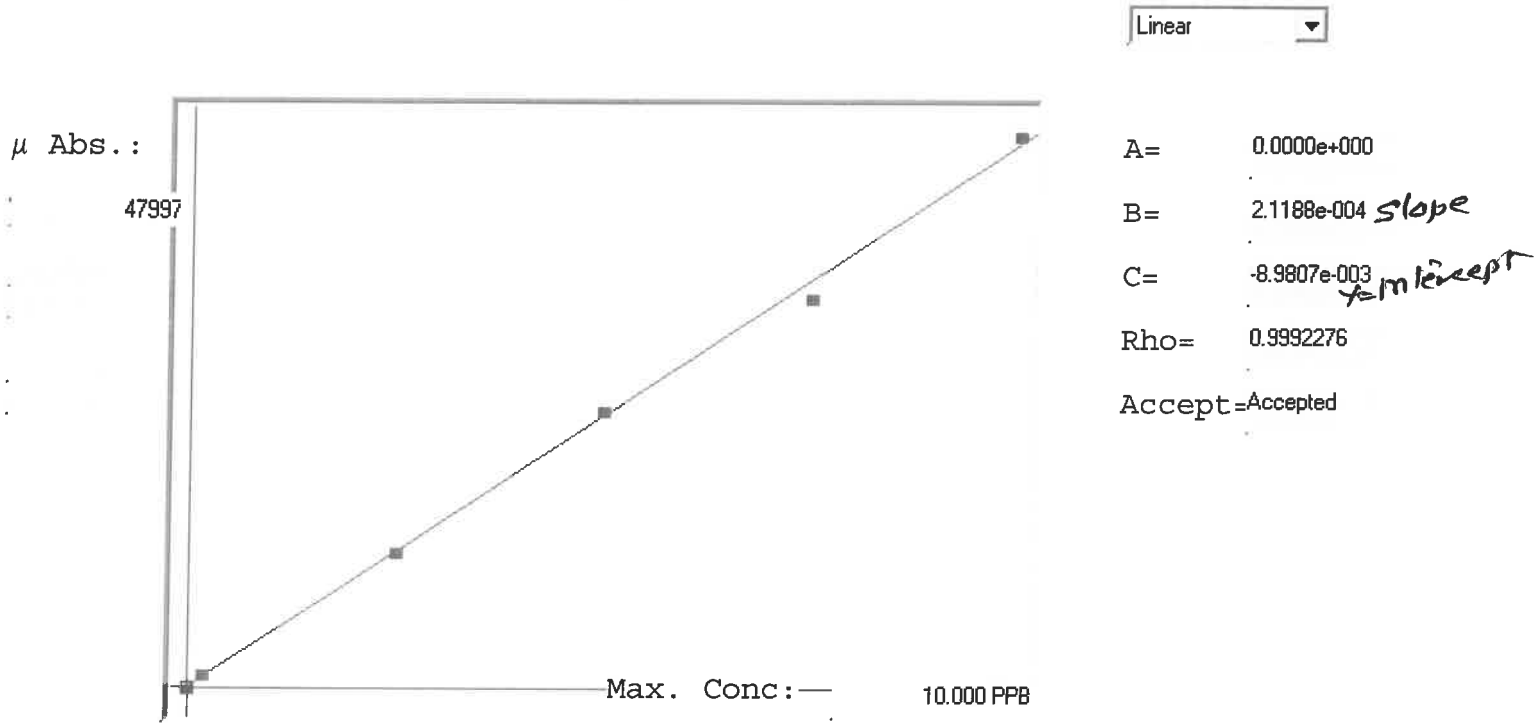
Analytical Method: CVAA Run Batch : LB132850

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Mercury	0.999228	0.000212	-0.008981	Lin. Reg	NONE

Reviewed By:jaswal
On:10/10/2024
10:46:38 PM
Inst Id :CV1

LB132850

SFAM01.1 INSTRUMENT ID: CV1



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%D
0.00	0.000	-0.002	-0.002	34	0.000	34					5
0.05	0.050					442	0				20
0.20	0.200	0.240	0.040	1174	0.0 %	1174					0
2.50	2.500	2.501	0.001	11846	0.0 %	11846					2
5.00	5.000	5.098	0.098	24105	0.0 %	24105					-4
7.50	7.500	7.202	-0.298	34031	0.0 %	34031					2
10.0	10.000	10.161	0.161	47997	0.0 %	47997					

Reviewed By:jaswal
On:10/10/2024
10:46:38 PM
Inst Id :CV1

LB132850

INSTRUMENT ID : CV1

Sample ID	Extended ID	µ Abs.	Conc.		Stnd Con	Method	Units	Date	Type
	0 S0	34	-		0	SFAM01.1	PPB	10/9/2024 15:39	Std
	0.2 S01	1174	-		0.2	SFAM01.1	PPB	10/9/2024 15:41	Std
	2.5 S02	11846	-		2.5	SFAM01.1	PPB	10/9/2024 15:44	Std
	5 S03	24105	-		5	SFAM01.1	PPB	10/9/2024 15:46	Std
	7.5 S04	34031	-		7.5	SFAM01.1	PPB	10/9/2024 15:48	Std
	10 S05	47997	-		10	SFAM01.1	PPB	10/9/2024 15:53	Std
ICV031	ICV031	17485	3.6958	-		SFAM01.1	PPB	10/9/2024 15:56	SMPL
ICB031	ICB031	-134	-0.0374	-		SFAM01.1	PPB	10/9/2024 15:58	SMPL
CCV095	CCV095	23818	5.0377	-		SFAM01.1	PPB	10/9/2024 16:01	SMPL
CCB095	CCB095	-179	-0.0469	-		SFAM01.1	PPB	10/9/2024 16:03	SMPL
PB164008BL	PBW008	129	0.0184	-		SFAM01.1	PPB	10/9/2024 16:05	SMPL
P4227-01	PMW-1(20240925)	6271	1.3197	-		SFAM01.1	PPB	10/9/2024 16:07	SMPL
P4227-02	PMW-2(20240925)	1193	0.2438	-		SFAM01.1	PPB	10/9/2024 16:10	SMPL
P4227-03	PMW-9S(20240926)	201	0.0336	-		SFAM01.1	PPB	10/9/2024 16:12	SMPL
P4227-04	PMW-9D(20240926)	207	0.0349	-		SFAM01.1	PPB	10/9/2024 16:14	SMPL
P4227-05	PMW-8S(20240926)	136	0.0198	-		SFAM01.1	PPB	10/9/2024 16:16	SMPL
P4227-06	PMW-8D(20240926)	142	0.0211	-		SFAM01.1	PPB	10/9/2024 16:19	SMPL
P4227-07	DUP(20240926)	157	0.0243	-		SFAM01.1	PPB	10/9/2024 16:21	SMPL
P4227-08	MW-2(MCUA)(20240926)	-13	-0.0117	-		SFAM01.1	PPB	10/9/2024 16:23	SMPL
P4227-09	PMW-5(20240926)	235	0.0408	-		SFAM01.1	PPB	10/9/2024 16:26	SMPL
P4227-10	MW-1(MCUA)(20240926)	20	-0.0047	-		SFAM01.1	PPB	10/9/2024 16:28	SMPL
P4227-11	PMW-3(20240927)	231	0.04	-		SFAM01.1	PPB	10/9/2024 16:30	SMPL
P4227-12	PMW-4(20240927)	147	0.0222	-		SFAM01.1	PPB	10/9/2024 16:32	SMPL
P4227-13	PMW-6(20240927)	178	0.0287	-		SFAM01.1	PPB	10/9/2024 16:35	SMPL
P4227-14	PMW-7S(20240927)	-4	-0.0098	-		SFAM01.1	PPB	10/9/2024 16:37	SMPL
P4227-15	PMW-7D(20240927)	22	-0.0043	-		SFAM01.1	PPB	10/9/2024 16:39	SMPL
P4227-16	P4227-15D	60	0.0037	-		SFAM01.1	PPB	10/9/2024 16:44	SMPL
P4227-17	P4227-15S	3772	0.7902	-		SFAM01.1	PPB	10/9/2024 16:48	SMPL
P4227-18	PMW-10(20240927)	869	0.1751	-		SFAM01.1	PPB	10/9/2024 16:51	SMPL
P4227-19	FB(20240925)	555	0.1086	-		SFAM01.1	PPB	10/9/2024 16:53	SMPL
CCV096	CCV096	24037	5.0841	-		SFAM01.1	PPB	10/9/2024 16:55	SMPL
CCB096	CCB096	-156	-0.042	-		SFAM01.1	PPB	10/9/2024 16:57	SMPL
P4227-20	FB(20240926)	30	-0.0026	-		SFAM01.1	PPB	10/9/2024 17:00	SMPL
P4227-21	FB(20240927)	44	0.0003	-		SFAM01.1	PPB	10/9/2024 17:02	SMPL
P4227-22	EB(20240927)	92	0.0105	-		SFAM01.1	PPB	10/9/2024 17:04	SMPL
CCV097	CCV097	23770	5.0275	-		SFAM01.1	PPB	10/9/2024 17:07	SMPL
CCB097	CCB097	-99	-0.03	-		SFAM01.1	PPB	10/9/2024 17:09	SMPL

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB164008

SOP ID : M7470A-Mercury-19, MSFAM01.1-Mercury in Water-2

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M4909

Hood ID : #1

Block ID: 1. HG HOT BLOCK#1 2. N/A

Start Digest Date: 10/09/2024 **Time :** 10:35 **Temp :** 94 °C

End Digest Date: 10/09/2024 **Time :** 12:35 **Temp :** 95 °C

Digestion tube ID: M6054

Block thermometer ID: HG-DIG#1

Dig Technician Signature: MB

Supervisor Signature: IZ

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	100mL	MP82739
CCV	100mL	MP82741
Matrix Spike	0.40mL	MP82732
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	7.5mL	MP82651
KMnO4	15.0mL	MP82652
K2S2O8	8.0mL	MP82653
Hydroxylamine HCL	6.0mL	MP82654
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	100mL	MP82733
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP82734
2.5 ppb	S2.5	100mL	MP82735
5.0 ppb	S5.0	100mL	MP82736
7.5 ppb	S7.5	100mL	MP82737
10.0 ppb	S10.0	100mL	MP82738
ICV	ICV	100mL	MP82739
ICB	ICB	100mL	MP82740
CCV	CCV	100mL	MP82741
CCB	CCB	100mL	MP82742
CRI	CRI	N/A	N/A
CHK STD	CHK STD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/9/24 @ 13:05	MB - Dig Lab	MB - Refrig Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB164008

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
P4227-01	PMW-1(20240925)	100	100	<2	N/A	1-1
P4227-02	PMW-2(20240925)	100	100	<2	N/A	2
P4227-03	PMW-9S(20240926)	100	100	<2	N/A	3
P4227-04	PMW-9D(20240926)	100	100	<2	N/A	4
P4227-05	PMW-8S(20240926)	100	100	<2	N/A	5
P4227-06	PMW-8D(20240926)	100	100	<2	N/A	6
P4227-07	DUP(20240926)	100	100	<2	N/A	7
P4227-08	MW-2(MCUA)(20240926)	100	100	<2	N/A	8
P4227-09	PMW-5(20240926)	100	100	<2	N/A	9
P4227-10	MW-1(MCUA)(20240926)	100	100	<2	N/A	10
P4227-11	PMW-3(20240927)	100	100	<2	N/A	11
P4227-12	PMW-4(20240927)	100	100	<2	N/A	12
P4227-13	PMW-6(20240927)	100	100	<2	N/A	13
P4227-14	PMW-7S(20240927)	100	100	<2	N/A	14
P4227-15	PMW-7D(20240927)	100	100	<2	N/A	15
P4227-16	P4227-15MS D	100	100	<2	N/A	16
P4227-17	P4227-15MSD S	100	100	<2	MP82732	17
P4227-18	PMW-10(20240927)	100	100	<2	N/A	18
P4227-19	FB(20240925)	100	100	<2	N/A	19
P4227-20	FB(20240926)	100	100	<2	N/A	20
P4227-21	FB(20240927)	100	100	<2	N/A	21
P4227-22	EB(20240927)	100	100	<2	N/A	22
PB164008BL	PBW008	100	100	<2	N/A	23

mB 10/10/24

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P4227

Test : Mercury

Prepbatch ID : PB164008,

Sequence ID/Qc Batch ID: LB132850,

Standard ID :
MP82651,MP82652,MP82653,MP82654,MP82732,MP82733,MP82734,MP82735,MP82736,MP82737,MP82738,MP82739,MP82740,MP82741,MP82742,

Chemical ID :
M4371,M4465,M4916,M5062,M5501,M5673,M5953,M6080,M6083,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3965	2:1 H2SO4 : HNO3	MP82651	09/30/2024	03/25/2025	Mohan Bera	None	None	Sarabjit Jaswal 10/04/2024

FROM 1600.00000ml of M5673 + 800.00000ml of M6080 = Final Quantity: 3200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
65	POTASSIUM PERMANGANATE SOLUTION 5 %	MP82652	09/30/2024	04/03/2025	Mohan Bera	METALS_SCALE_3 (M SC-3)	None	Sarabjit Jaswal 10/04/2024

FROM 100.00000gram of M4916 + 2000.00000ml of W3112 = Final Quantity: 2000.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
66	POTASSIUM PERSULFATE SOLUTION 5 %	MP82653	09/30/2024	04/03/2025	Mohan Bera	METALS_SCALE_3 (M SC-3)	None	Sarabjit Jaswal 10/04/2024

FROM 100.00000ml of M4465 + 2000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
67	SODIUM CHLORIDE - HYDROXYL- CHLORIDE SOLUTION	MP82654	09/30/2024	04/03/2025	Mohan Bera	METALS_SCALE_3 (M SC-3)	None	Sarabjit Jaswal 10/04/2024

FROM 2000.00000ml of W3112 + 240.00000gram of M4371 + 240.00000gram of M5501 = Final Quantity: 2000.000 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
871	MERCURY INTERMEDIATE B 250PPB WORKING STD.	MP82732	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 1.00000ml of M6083 + 2.50000ml of M5062 + 96.50000ml of W3112 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1340	Hg 0.00 PPB STD	MP82733	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M6083 + 247.50000ml of W3112 = 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
1341	Hg 0.2 PPB STD	MP82734	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M6083 + 247.30000ml of W3112 + 0.20000ml of MP82732 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1342	Hg 2.5 PPB STD	MP82735	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M6083 + 245.00000ml of W3112 + 2.50000ml of MP82732 = Final Quantity: 250.000 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
1343	Hg 5.0 PPB STD	MP82736	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M6083 + 242.50000ml of W3112 + 5.00000ml of MP82732 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1344	Hg 7.5 PPB STD	MP82737	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M6083 + 240.00000ml of W3112 + 7.50000ml of MP82732 = Final Quantity: 250.000 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
1345	Hg 10.0 PPB STD	MP82738	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M6083 + 237.50000ml of W3112 + 10.00000ml of MP82732 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1346	Hg ICV SOLUTION	MP82739	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M5953 + 2.50000ml of M6083 + 245.00000ml of W3112 = Final Quantity: 250.000 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
1351	ICB (Hg 0.00 PPB SOLUTION)	MP82740	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 2.50000ml of M6083 + 247.50000ml of W3112 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1358	CCV (Hg 5.0 PPB SOLUTION)	MP82741	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 485.00000ml of W3112 + 5.00000ml of M6083 + 10.00000ml of MP82732 = Final Quantity: 500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1352	CCB (Hg 0.00 PPB SOLUTION)	MP82742	10/09/2024	10/10/2024	Mohan Bera	None	METALS_PIPETTE_3 (A)	Sarabjit Jaswal 10/10/2024

FROM 495.00000ml of W3112 + 5.00000ml of M6083 = Final Quantity: 500.000 ml

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-2196-01 / Hydroxylamine Hydrochloride, Crystal (cs/4x500g)	0000215387	06/25/2025	07/01/2019 / RICHARD	06/07/2019 / RICHARD	M4371

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3238-05 / Potassium Persulfate (2.5kg)	0000234156	08/06/2025	07/23/2019 / jaswal	07/25/2019 / manojkumar	M4465

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3227-05 / Potassium Permanganate (2.5kg)	210800	03/31/2026	11/30/2022 / mohan	07/28/2021 / mohan	M4916

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	MSHG-10PPM / MERCURY HCl 125mL 10ug/mL	S2-HG709270	09/22/2026	05/28/2022 / mohan	01/27/2022 / mohan	M5062

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3624-05 / Sodium Chloride, Crystal (cs/4x2.5kg)	0000281938	07/06/2026	07/24/2023 / mohan	04/14/2023 / mohan	M5501

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	23D2462010	03/20/2028	09/21/2023 / mohan	09/05/2023 / mohan	M5673

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-5 / ICV (HG) STOCK SOLN	ICV5-0415	01/01/2025	07/01/2024 / mohan	03/30/2023 / mohan	M5953

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	03/25/2025	10/02/2024 / Janvi	09/02/2024 / Janvi	M6080

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	03/25/2029	10/06/2024 / Janvi	09/02/2024 / Janvi	M6083

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

M4371

Hydroxylamine Hydrochloride, Crystal
BAKER ANALYZED® A.C.S. Reagent
Suitable for Mercury Determination
(hydroxylammonium chloride)

Rec – 06.07.19

Material No.: 2196-01
Batch No.: 0000215387
Manufactured Date: 2018/06/27
Retest Date: 2025/06/25
Revision No: 1

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay ($NH_2OH \cdot HCl$) (by $KMnO_4$ titrn)	>= 96.0 %	99.1
Clarity of Alcohol Solution	Passes Test	PT
Residue after Ignition	<= 0.050 %	0.017
Titrable Free Acid (meq/g)	<= 0.25	0.19
Ammonium (NH_4)	Passes Test	PT
Sulfur Compounds (as SO_4)	<= 0.005 %	< 0.003
Trace Impurities - ACS - Heavy Metals (as Pb)	<= 5 ppm	4
Trace Impurities - Iron (Fe)	<= 5 ppm	< 3
Trace Impurities - Mercury (Hg)	<= 0.050 ppm	< 0.005

For Laboratory, Research or Manufacturing Use

Country of Origin: CN
Packaging Site: Paris Mfg Ctr & DC

ISO
Phillipsburg, NJ 9001:2015, FSSC22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Gliwice, Poland 9001:2015, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2015, 17025:2005
Panoli, India 9001:2015

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

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ThermoFisher SCIENTIFIC

M4913-16

MB

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	P279	Quality Test / Release Date	01/12/2021
Lot Number	210306		
Description	POTASSIUM PERMANGANATE, A.C.S.		
Country of Origin	United States	Suggested Retest Date	Jan/2026

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Dark purple to purple green crystals
ASSAY	%	>= 99	99.3
CHLORIDE & CHLORATE	%	<= 0.005	<0.005
IDENTIFICATION	PASS/FAIL	= PASS TEST	pass test
INSOLUBLE MATTER	%	<= 0.2	<0.2
MERCURY (Hg)	ppm	<= 0.05	<0.004
SULFATE (SO4)	%	<= 0.02	<0.02

Julian Burton

Julian Burton - Quality Control Manager – Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

M5062
M5063
M3

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 Mass Spec Solution
Catalog Number:	MSHG-10PPM
Lot Number:	S2-HG709270
Matrix:	10% (v/v) HCl
Value / Analyte(s):	10 µg/mL ea: Mercury
Starting Material:	Hg metal
Starting Material Lot#:	1959
Starting Material Purity:	99.9994%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10.001 ± 0.053 µg/mL

Density: 1.020 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Hg	ICP Assay	3133	160921
Hg	EDTA	928	928
Hg	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

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4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

O	Ag		0.000011	M	Eu	<	0.000201	O	Na		0.000004	M	Se	<	0.015915	O	Zn	<	0.001510
O	Al		0.000001	O	Fe		0.000001	M	Nb	<	0.000201	O	Si		0.000005	M	Zr	<	0.000201
M	As	<	0.000402	M	Ga	<	0.000201	M	Nd	<	0.000201	M	Sm	<	0.000201				
M	Au	<	0.003631	M	Gd	<	0.000201	M	Ni	<	0.000402	M	Sn	<	0.001007				
M	B	<	0.001208	M	Ge	<	0.000201	M	Os	<	0.000605	M	Sr	<	0.000201				
M	Ba	<	0.000201	M	Hf	<	0.000201	O	P	<	0.032370	M	Ta	<	0.000201				
M	Be	<	0.000201	s	Hg	<		M	Pb	<	0.000201	M	Tb	<	0.000201				
M	Bi	<	0.000201	M	Ho	<	0.000201	M	Pd	<	0.000403	M	Te	<	0.002216				
O	Ca		0.000007	M	In	<	0.000201	M	Pr	<	0.000201	M	Th	<	0.000201				
M	Cd	<	0.000201	M	Ir	<	0.000201	M	Pt	<	0.000402	M	Ti	<	0.000402				
M	Ce	<	0.000201	O	K		0.000020	M	Rb	<	0.000201	O	Tl	<	0.016508				
M	Co	<	0.000201	M	La	<	0.000201	M	Re	<	0.000201	M	Tm	<	0.000201				
O	Cr	<	0.003021	O	Li	<	0.000107	M	Rh	<	0.000201	M	U	<	0.008058				
M	Cs	<	0.001208	M	Lu	<	0.000201	M	Ru	<	0.000201	M	V	<	0.000201				
M	Cu	<	0.000402	O	Mg		0.000001	O	S	<	0.053950	M	W	<	0.000604				
M	Dy	<	0.000201	M	Mn	<	0.000604	M	Sb	<	0.001208	M	Y	<	0.000201				
M	Er	<	0.000201	M	Mo		0.000009	M	Sc	<	0.000201	M	Yb	<	0.000201				

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 - 200.59 +2 4 Hg(OH)(aq) 1+

Chemical Compatibility - Stable in HNO3. Avoid basic media forming insoluble carbonate. The sulfide, basic carbonate, oxalate, phosphate, arsenite, arsenate and iodide are insoluble in water.

Stability - 2-100 ppb levels not stable in 1% HNO3 / LDPE container, stable in 10% HNO3 packaged in borosilicate glass. 1-100 ppm levels stable in 7% HNO3 packaged in borosilicate glass. 1000-10,000 ppm solutions are chemically stable for years in 5-10% HNO3 / LDPE container.

Hg Containing Samples (Preparation and Solution) - Metal (soluble in HNO3); Oxide (Soluble in HNO3); Ores and Organic based (The literature has more references to the preparation of Hg containing samples than any other element. Please consult the literature for your specific sample type, since such preparations are prone to error. Or e-mail our technical staff and we will contact you to discuss your particular sample preparation questions in further detail.).

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 202 amu	9 ppt	n/a	186W16O
ICP-OES 184.950 nm	0.03 / 0.005 µg/mL	1	
ICP-OES 194.227 nm	0.03 / 0.005 µg/mL	1	V
ICP-OES 253.652 nm	0.1 / 0.03 µg/mL	1	Ta, Co, Th ,Rh , Fe, U

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 22, 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 22, 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 Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Sodium Chloride, Crystal
BAKER ANALYZED® A.C.S. Reagent

MS493 - MS508
Radm 4/14/23
JMG

avantor™ | J.T.Baker®

Material No.: 3624-01
Batch No.: 0000281938
Manufactured Date: 2021-06-07
Retest Date: 2026-06-07
Revision No.: 2

Certificate of Analysis

Test	Specification	Result
Assay (NaCl) (by Ag titrn)	≥ 99.0 %	100.0 %
pH of 5% Solution at 25°C	5.0 - 9.0	6.3
Insoluble Matter	≤ 0.005 %	0.003 %
Iodide (I)	≤ 0.002 %	< 0.002 %
Bromide (Br)	≤ 0.01 %	< 0.01 %
Chlorate and Nitrate (as NO_3)	≤ 0.003 %	< 0.001 %
ACS - Phosphate (PO_4)	≤ 5 ppm	< 5 ppm
Sulfate (SO_4)	≤ 0.004 %	< 0.004 %
Barium (Ba)	Passes Test	Passes Test
ACS - Heavy Metals (as Pb)	≤ 5 ppm	< 5 ppm
Iron (Fe)	≤ 2 ppm	< 1 ppm
Calcium (Ca)	≤ 0.002 %	< 0.001 %
Magnesium (Mg)	≤ 0.001 %	< 0.001 %
Potassium (K)	≤ 0.005 %	0.001 %

For Laboratory,Research,or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs
Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

James T 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

1595

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

9673-38
A3

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H_2SO_4)	95.0 – 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Substances Reducing Permanganate (as SO2)	≤ 2 ppm	< 2 ppm
Ammonium (NH_4)	≤ 1 ppm	1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO_3)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO_4)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities – Aluminum (Al)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities – Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities – Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities – Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities – Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities – Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities – Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
Trace Impurities – Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities – Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

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.

MSS28 - 37 MB MSS53 MB 3/30/23

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

(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.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC

Instructions for QATS Reference Material: *Inorganic ICV Solutions*

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

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

R: 9/2/24.

Certificate of Analysis

M6080, M6081, M6082, M6083, M6084

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

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1600

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

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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

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

R: 9/2/24.

Certificate of Analysis

M6080, M6081, M6082, M6083, M6084

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%
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avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

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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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB132850

Review By	mohan	Review On	10/10/2024 10:45:13 PM
Supervise By	jaswal	Supervise On	10/10/2024 10:46:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP82733,MP82734,MP82735,MP82736,MP82737,MP82738
ICV Standard	MP82739
CCV Standard	MP82741
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	MP82740,MP82742

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/09/24 15:39		Mohan	OK
2	S0.2	S01	CAL2	10/09/24 15:41		Mohan	OK
3	S2.5	S02	CAL3	10/09/24 15:44		Mohan	OK
4	S5	S03	CAL4	10/09/24 15:46		Mohan	OK
5	S7.5	S04	CAL5	10/09/24 15:48		Mohan	OK
6	S10	S05	CAL6	10/09/24 15:53		Mohan	OK
7	ICV031	ICV031	ICV	10/09/24 15:56		Mohan	OK
8	ICB031	ICB031	ICB	10/09/24 15:58		Mohan	OK
9	CCV095	CCV095	CCV	10/09/24 16:01		Mohan	OK
10	CCB095	CCB095	CCB	10/09/24 16:03		Mohan	OK
11	PB164008BL	PBW008	MB	10/09/24 16:05		Mohan	OK
12	P4227-01	PMW-1(20240925)	SAM	10/09/24 16:07		Mohan	OK
13	P4227-02	PMW-2(20240925)	SAM	10/09/24 16:10		Mohan	OK
14	P4227-03	PMW-9S(20240926)	SAM	10/09/24 16:12		Mohan	OK
15	P4227-04	PMW-9D(20240926)	SAM	10/09/24 16:14		Mohan	OK
16	P4227-05	PMW-8S(20240926)	SAM	10/09/24 16:16		Mohan	OK
17	P4227-06	PMW-8D(20240926)	SAM	10/09/24 16:19		Mohan	OK
18	P4227-07	DUP(20240926)	SAM	10/09/24 16:21		Mohan	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132850

Review By	mohan	Review On	10/10/2024 10:45:13 PM
Supervise By	jaswal	Supervise On	10/10/2024 10:46:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP82733,MP82734,MP82735,MP82736,MP82737,MP82738
ICV Standard	MP82739
CCV Standard	MP82741
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	MP82740,MP82742

19	P4227-08	MW-2(MCUA)(20240	SAM	10/09/24 16:23		Mohan	OK
20	P4227-09	PMW-5(20240926)	SAM	10/09/24 16:26		Mohan	OK
21	P4227-10	MW-1(MCUA)(20240	SAM	10/09/24 16:28		Mohan	OK
22	P4227-11	PMW-3(20240927)	SAM	10/09/24 16:30		Mohan	OK
23	P4227-12	PMW-4(20240927)	SAM	10/09/24 16:32		Mohan	OK
24	P4227-13	PMW-6(20240927)	SAM	10/09/24 16:35		Mohan	OK
25	P4227-14	PMW-7S(20240927)	SAM	10/09/24 16:37		Mohan	OK
26	P4227-15	PMW-7D(20240927)	SAM	10/09/24 16:39		Mohan	OK
27	P4227-16	PMW-7D(20240927)D	DUP	10/09/24 16:44		Mohan	OK
28	P4227-17	PMW-7D(20240927)S	MS	10/09/24 16:48		Mohan	OK
29	P4227-18	PMW-10(20240927)	SAM	10/09/24 16:51		Mohan	OK
30	P4227-19	FB(20240925)	SAM	10/09/24 16:53		Mohan	OK
31	CCV096	CCV096	CCV	10/09/24 16:55		Mohan	OK
32	CCB096	CCB096	CCB	10/09/24 16:57		Mohan	OK
33	P4227-20	FB(20240926)	SAM	10/09/24 17:00		Mohan	OK
34	P4227-21	FB(20240927)	SAM	10/09/24 17:02		Mohan	OK
35	P4227-22	EB(20240927)	SAM	10/09/24 17:04		Mohan	OK
36	CCV097	CCV097	CCV	10/09/24 17:07		Mohan	OK
37	CCB097	CCB097	CCB	10/09/24 17:09		Mohan	OK

Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P4227	Order Date :	9/27/2024 3:50:00 PM	Project Mgr :	YAZMEEN
Client :	Arcadis	Project :	ARC Sayreville PostEx 2024	Report Type :	USEPA CLP
Contact :	Kaiti Liao	Receive Date :	9/27/2024 3:50:00 PM	EDD Type :	EQUIS
Date Sign Off :	9/27/2024 5:01:21 PM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P4227-01	PMW-1(20240925)	Water	09/25/2024						
				Mercury		SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS		SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1		SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1		SFAM_Trace	10	10/11/2024	10/11/2024
P4227-02	PMW-2(20240925)	Water	09/25/2024						
				Mercury		SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS		SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1		SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1		SFAM_Trace	10	10/11/2024	10/11/2024
P4227-03	PMW-9S(20240926)	Water	09/26/2024						
				Mercury		SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS		SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1		SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1		SFAM_Trace	10	10/11/2024	10/11/2024
P4227-04	PMW-9D(20240926)	Water	09/26/2024						
				Mercury		SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS		SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1		SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1		SFAM_Trace	10	10/11/2024	10/11/2024
P4227-05	PMW-8S(20240926)	Water	09/26/2024						
				Mercury		SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS		SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1		SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1		SFAM_Trace	10	10/11/2024	10/11/2024
P4227-06	PMW-8D(20240926)	Water	09/26/2024						
				Mercury		SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS		SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1		SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1		SFAM_Trace	10	10/11/2024	10/11/2024

P4227-07	DUP(20240926)	Water	09/26/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-08	MW-2(MCUA)(20240926)	Water	09/26/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-09	PMW-5(20240926)	Water	09/26/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-10	MW-1(MCUA)(20240926)	Water	09/26/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-11	PMW-3(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-12	PMW-4(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-13	PMW-6(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-14	PMW-7S(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024

P4227-15	PMW-7D(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-16	P4227-15MS	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-17	P4227-15MSD	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-18	PMW-10(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-19	FB(20240925)	Water	09/25/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-20	FB(20240926)	Water	09/26/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-21	FB(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-22	EB(20240927)	Water	09/27/2024					
				Mercury	SFAM_HG	10	10/11/2024	10/11/2024
				Metals CLP MS	SFAM_MS	10	10/11/2024	10/11/2024
				SVOCMS Group1	SFAM_SVOC	10	10/11/2024	10/11/2024
				VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024
P4227-23	TB(20240924)	Water	09/27/2024					

VOCMS Group1	SFAM_Trace	10	10/11/2024	10/11/2024	

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163911 **WorkList ID :** 184126 **Department :** Digestion **Date :** 10-04-2024 10:19:12

1612

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4227-01	PMW-1(20240925)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/25/2024	SFAM_MS
P4227-02	PMW-2(20240925)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/25/2024	SFAM_MS
P4227-03	PMW-9S(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-04	PMW-9D(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-05	PMW-8S(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-06	PMW-8D(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-07	DUP(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-08	MW-2(MCUA)(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-09	PMW-5(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-10	MW-1(MCUA)(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-11	PMW-3(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-12	PMW-4(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-13	PMW-6(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-14	PMW-7S(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-15	PMW-7D(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-16	P4227-15MS	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-17	P4227-15MSD	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-18	PMW-10(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS
P4227-19	FB(20240925)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/25/2024	SFAM_MS
P4227-20	FB(20240926)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_MS
P4227-21	FB(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS

Date/Time 10/4/24 10:30

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: RM SM

Date/Time 10/4/24 11:30

Raw Sample Received by: RM SM

Raw Sample Relinquished by: jgp (Met dig)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163911 **WorkList ID :** 184126 **Department :** Digestion **Date :** 10-04-2024 10:19:12

1613

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4227-22	EB(20240927)	Water	Metals CLP MS	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_MS

Date/Time 10/4/24 10:30

Raw Sample Received by: jesp(Mutdig)

Raw Sample Relinquished by: RM Sam

Date/Time 10/4/24 11:30

Raw Sample Received by: RM Sam

Raw Sample Relinquished by: jesp(Mutdig)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4227_HgW **WorkList ID :** 184247 **Department :** Digestion **Date :** 10-09-2024 07:58:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4227-01	PMW-1(20240925)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/25/2024	SFAM_HG
P4227-02	PMW-2(20240925)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/25/2024	SFAM_HG
P4227-03	PMW-9S(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-04	PMW-9D(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-05	PMW-8S(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-06	PMW-8D(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-07	DUP(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-08	MW-2(MCUA)(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-09	PMW-5(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-10	MW-1(MCUA)(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-11	PMW-3(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-12	PMW-4(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-13	PMW-6(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-14	PMW-7S(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-15	PMW-7D(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-16	P4227-15MS Y)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-17	P4227-15MSD S	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-18	PMW-10(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG
P4227-19	FB(20240925)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/25/2024	SFAM_HG
P4227-20	FB(20240926)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/26/2024	SFAM_HG
P4227-21	FB(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG

MB 10/10/24

191474

Date/Time 10/9/24 @ 9:45

Raw Sample Received by: MB – DLG Labs

Raw Sample Relinquished by: MB – DLG Labs

Date/Time 10/9/24 @ 10:40

Raw Sample Received by: MB- DLG Labs

Raw Sample Relinquished by: MB- DLG Labs

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4227_HgW **WorkList ID :** 184247 **Department :** Digestion **Date :** 10-09-2024 07:58:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4227-22	EB(20240927)	Water	Mercury	1:1 HNO3 to pH < 2	ARCA06	J51	09/27/2024	SFAM_HG

1615

Date/Time 10/9/24 @ 9:45

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 10/9/24 @ 14:40

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]