SDG COVER PAGE

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

Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNKA0

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MJNKA0	P5363-01		X		
MJNKA2	P5363-02		X		
MJNKA3	P5363-03		X		
MJNKA4	P5363-04		X		
MJNKA5	P5363-05		X		
MJNKA6	P5363-06		X		
MJNKA6D	P5363-07		X		
MJNKA6S	P5363-08		X		
MJNKB6	P5363-09		X		
MJNKC4	P5363-10		X		
MJNKG9	P5363-11		X		
MJNKH0	P5363-12		X		
MJNKJ0	P5363-13		X		
MJNLE3	P5363-14		X		
MJNLF9	P5363-15		X		
MJNLG0	P5363-16		X		

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

Signature: Name:

Date: Title:

USEPA CLP COC (LAB COPY)
DateShipped: 12/19/2024
CarrierName: FedEx
AirbillNo: 7709 1759 8009

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 18

No: 10-121924-142955-0022
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

2

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MJNKA0	MJNKA0	Sediment/ SB	Grab	ICP-MS(21)	1292 (< 6 C) (1)	OU6-SS-TR1A-0.0-0.33	12/17/2024 13:05	
MJNKA2	MJNKA2	Sediment/ SB	Grab	ICP-MS(21)	1294 (< 6 C) (1)	OU6-SS-TR2A-0.0-0.33	12/17/2024 12:00	
MJNKA3	MJNKA3	Sediment/ SB	Grab	ICP-MS(21)	1295 (< 6 C) (1)	OU6-SS-TR2B-0.0-0.33	12/16/2024 10:05	
MJNKA4	MJNKA4	Sediment/ SB	Grab	ICP-MS(21)	1296 (< 6 C) (1)	OU6-SS-TR3A-0.0-0.33	12/17/2024 11:10	
MJNKA5	MJNKA5	Sediment/ SB	Grab	ICP-MS(21)	1297 (< 6 C) (1)	OU6-SS-TR3B-0.0-0.33	12/13/2024 11:30	
MJNKA6	MJNKA6	Sediment/ SB	Grab	ICP-MS(21)	1298 (< 6 C) (1)	OU6-SS-TR3C-0.0-0.33	12/13/2024 10:50	
MJNKB6	MJNKB6	Sediment/ SB	Grab	ICP-MS(21)	1308 (< 6 C) (1)	OU6-SS-TR7B-0.0-0.33	12/16/2024 10:40	
MJNKC4	MJNKC4	Sediment/ SB	Grab	ICP-MS(21)	1316 (< 6 C) (1)	OU6-SS-TR12-0.0-0.33	12/12/2024 14:05	
MJNKG9	MJNKG9	Sediment/ SB	Grab	ICP-MS(21)	1361 (< 6 C) (1)	OU6-SS-YB15-0.0-0.33	12/16/2024 09:25	
MJNKH0	MJNKH0	Sediment/ SB	Grab	ICP-MS(21)	1362 (< 6 C) (1)	OU6-SS-YB01-0.0-0.33	12/13/2024 09:35	

Sample(s) to be used for Lab QC: MJNKA6 Tag 1298 0543460 , 0543459

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	CJ Jacobs	12/19/24 16:00	L Pham	0949 12.20.2024	Temp 2.8c IR Gun #1
					CUSTODY Seal intact
					Temp BLC present

USEPA CLP COC (LAB COPY)

DateShipped: 12/19/2024
CarrierName: FedEx
AirbillNo: 7709 1759 8009

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 18

No: 10-121924-142955-0022
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

3

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MJNKJ0	MJNKJ0	Sediment/ SB	Grab	ICP-MS(21)	1372 (< 6 C) (1)	OU6-SS-YB10-0.0-0.33	12/13/2024 08:50	
MJNLE3	MJNLE3	Water/ SB	Grab	ICP-MS(21)	1665 (HNO3 pH<2) (1)	OU6-YB-EB-021	12/12/2024 10:20	pH 1.0
MJNLF9	MJNLF9	Water/ SB	Grab	ICP-MS(21)	1677 (HNO3 pH<2) (1)	OU6-MIA-EB-001	12/13/2024 12:30	1
MJNLG0	MJNLG0	Water/ SB,AW	Grab	ICP-MS(21)	1678 (HNO3 pH<2) (1)	OU6-MIA-EB-002	12/16/2024 12:45	

Special Instructions: 0543460, 0543459

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	C. Jacobs	12/19/24 1600	L. Cruz	0949 12-20-2024	Temp 2.8 c IR gun #1
					Custody seal intact
					Temp BL present

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Cassandra Peña		Log-in Date 12/20/2024
Received By (Signature)		
Case Number 51821	SDG No. MJNKA0	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	0543460,0543459
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	770917598009 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.8 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	12/20/2024
12.Time Received	09:49

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MJNKA0	N/A	~~1992~~ 1292	P5363-01	Intact
2	MJNKA2	N/A	1994 1294	P5363-02	Intact
3	MJNKA3	N/A	1995 1295	P5363-03	Intact
4	MJNKA4	N/A	~~1996~~ 1296	P5363-04	Intact
5	MJNKA5	N/A	~~1997~~ 1297	P5363-05	Intact
6	MJNKA6	N/A	~~1998~~ 1298	P5363-06	Intact
7	MJNKA6D	N/A	~~1998~~ 1298	P5363-07	Intact
8	MJNKA6S	N/A	~~1998~~ 1298	P5363-08	Intact
9	MJNKB6	N/A	1308	P5363-09	Intact
10	MJNKC4	N/A	1316	P5363-10	Intact
11	MJNKG9	N/A	1361	P5363-11	Intact
12	MJNKH0	N/A	1362	P5363-12	Intact
13	MJNKJ0	N/A	1372	P5363-13	Intact
14	MJNLE3	1.0	1665	P5363-14	Intact
15	MJNLF9	1.0	1677	P5363-15	Intact
16	MJNLG0	1.0	1678	P5363-16	Intact
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	12/20/24	Logbook Page No.	N/A

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

LAB NAME	**Alliance Technical Group, LLC**		
LAB CODE	**ACE**		
CONTRACT NO.	**68HERH20D0011**		
CASE NO.	**51821**	SDG NO.	**MJNKA0**
MA NO.		SOW NO.	**SFAM01.1**

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

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1. SDG Cover Page	1	1	✓	
2. Traffic Report/Chain of Custody Record(s)	2	3	✓	
3. Sample Log-In Sheet (DC-1)	4	4	✓	
4. CSF Inventory Sheet (DC-2)	5	7	✓	
5. SDG Narrative	8	11	✓	
6. Communication Logs	NA	NA	✓	
7. Percent Solids Log	12	13	✓	
Analysis Forms and Data (ICP-AES)				
8. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	NA	NA	✓	
9. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
10. Standard and Reagent Preparation Logs	NA	NA	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	
13. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
14. Extraction Logs for TCLP and SPLP	NA	NA	✓	
15. Raw GPC Data	NA	NA	✓	
16. Raw Florisil Data	NA	NA	✓	
Analysis Forms and Data (ICP-MS)				
17. Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	14	27	✓	
18. Instrument raw data by instrument in analysis order	28	1116	✓	
Other Data				
19. Standard and Reagent Preparation Logs	1117	1261	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1262	1265	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1266	1275	✓	
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

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

	PAGE NOs: FROM	TO	CHECK LAB	REGION
Additional				
44. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	1276	1276	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1277	1278	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1279	1280	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

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

Audited by:
(EPA) _____ (Signature) _____ (Print Name & Title) _____ (Date)

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MJNKA0
CASE # 51821
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P5363

A. Number of Samples and Date of Receipt

11 Soil 03 Water samples was delivered to the laboratory intact on 12/20/2024

B. Parameters

Test requested for Metals CLP4 MS = Arsenic, Copper, Lead, Zinc.

Test requested for Metals CLP MS-CLP4 = Arsenic, Copper, Lead, Zinc.

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 2.8^{o}C

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

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

E. Corrective Action taken for above:

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

F. Analytical Techniques:

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

G. Calculation:

Calculation for ICP-MS Soil Sample:

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

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

Where,

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

Example Calculation For Sample MJNKA0 For Arsenic:

If C = 500.96 ppb
Vf = 500 ml
W = 1.25 g
S = 0.798(79.8/100)
DF = 1

$$\text{Concentration (mg/kg)} = 500.96 \times \frac{500}{1.25 \times 0.798} \times 1 / 1000$$

$$= 251.1077 \text{ mg/kg}$$

$$= 250 \text{ mg/kg (Reported Result with Signification)}$$

Calculation for ICP-MS Water Sample:

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

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

284 Sheffield Street
Mountainside, NJ 07092

Example Calculation For Sample MJNLE3 For Arsenic:

If C = 0.18 ppb
Vf = 50 ml
Vi = 50 ml
DF = 1

$$\text{Concentration or Result } (\mu g/L) = 0.18 \times \frac{50}{50} \times 1$$

$$= 0.18\ \mu g/L$$

= 0.18 µg/L (Reported Result with Signification)

H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample did meet requirements. Duplicate sample did meet requirements except for Arsenic, Lead. Serial Dilution did meet requirements.

Internal standard 209Bi(1)was out Side qc limit for sample MJNKA5 in Original so for this sample affected parameters are reported from 2X ilution.

Some samples have % solids results less than 50% but more than 30%. Please see below table for detail. Laboratory has processed these samples according to the SFAM01.1 SOW, Exhibit D, sections 10.1.1.8.

EPA Sample ID	% Solid
MJNKJ0	49.1

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
Arsenic	89Y
Copper	45Sc
Lead	209Bi

284 Sheffield Street
Mountainside, NJ 07092

Zinc	45Sc

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

Signature_____ Name: Nimisha Pandya

Date _____ Title: Document Control Officer

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/23/2024

OVENTEMP IN Celsius(°C): 106
Time IN: 12:50
In Date: 12/20/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:45
Out Date: 12/21/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134043

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
P5363-01	MJNKA0	1	1.14	8.79	9.93	8.15	79.7	
P5363-02	MJNKA2	2	1.15	8.83	9.98	7.62	73.3	
P5363-03	MJNKA3	3	1.15	8.74	9.89	7.07	67.7	
P5363-04	MJNKA4	4	1.15	8.82	9.97	7.72	74.5	
P5363-05	MJNKA5	5	1.13	8.80	9.93	9.37	93.6	
P5363-06	MJNKA6	6	1.19	8.41	9.6	6.82	66.9	
P5363-07	MJNKA6D	7	1.19	8.41	9.6	6.82	66.9	
P5363-08	MJNKA6S	8	1.19	8.41	9.6	6.82	66.9	
P5363-09	MJNKB6	9	1.15	8.82	9.97	8.24	80.4	
P5363-10	MJNKC4	10	1.19	8.43	9.62	6.99	68.8	
P5363-11	MJNKG9	11	1.13	8.70	9.83	7.54	73.7	
P5363-12	MJNKH0	12	1.15	8.82	9.97	6.8	64.1	
P5363-13	MJNKJ0	13	1.17	8.81	9.98	5.5	49.1	

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

WORKLIST(Hardcopy Internal Chain)

VB 134043

WorkList Name : %1-P5363 **WorkList ID :** 186539 **Department :** Wet-Chemistry **Date :** 12-20-2024 12:08:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5363-01	MJNKA0	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/17/2024	Chemtech -SO
P5363-02	MJNKA2	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/17/2024	Chemtech -SO
P5363-03	MJNKA3	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/16/2024	Chemtech -SO
P5363-04	MJNKA4	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/17/2024	Chemtech -SO
P5363-05	MJNKA5	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/13/2024	Chemtech -SO
P5363-06	MJNKA6	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/13/2024	Chemtech -SO
P5363-07	MJNKA6D	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/13/2024	Chemtech -SO
P5363-08	MJNKA6S	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/13/2024	Chemtech -SO
P5363-09	MJNKB6	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/16/2024	Chemtech -SO
P5363-10	MJNKC4	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/12/2024	Chemtech -SO
P5363-11	MJNKG9	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/16/2024	Chemtech -SO
P5363-12	MJNKH0	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/13/2024	Chemtech -SO
P5363-13	MJNKJ0	Solid	Percent Solids	Cool 4 deg C	USEP01	C21	12/13/2024	Chemtech -SO

13

Date/Time 12/20/24 12:15

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 12/20/24 13:00

Raw Sample Received by:

Raw Sample Relinquished by:

EPA SAMPLE NO.

MJNKA0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-01

% Solids: 79.7 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	250	*	12/27/2024	2132
7440-50-8	Copper	97		12/27/2024	2132
7439-92-1	Lead	210	*	12/27/2024	2132
7440-66-6	Zinc	870		12/27/2024	2132

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

Comments:

EPA SAMPLE NO.

MJNKA2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-02

% Solids: 73.3 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	1400	D*	12/28/2024	0054
7440-50-8	Copper	540		12/27/2024	2135
7439-92-1	Lead	1100	*	12/27/2024	2135
7440-66-6	Zinc	4400		12/27/2024	2135

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

Comments:

EPA SAMPLE NO.

MJNKA3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-03

% Solids: 67.7 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	1100	D*	12/28/2024	0057
7440-50-8	Copper	560		12/27/2024	2141
7439-92-1	Lead	930	*	12/27/2024	2141
7440-66-6	Zinc	4400		12/27/2024	2141

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

Comments:

EPA SAMPLE NO.

MJNKA4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-04

% Solids: 74.5 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	1500	D*	12/28/2024	0109
7440-50-8	Copper	610		12/27/2024	2144
7439-92-1	Lead	990	*	12/27/2024	2144
7440-66-6	Zinc	3400		12/27/2024	2144

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

Comments:

EPA SAMPLE NO.

MJNKA5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-05

% Solids: 93.6 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	6400	D*	12/28/2024	0118
7440-50-8	Copper	2700		12/27/2024	2147
7439-92-1	Lead	6700	D*	12/28/2024	0115
7440-66-6	Zinc	18000	D	12/28/2024	0115

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

Comments:

EPA SAMPLE NO.

MJNKA6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-06

% Solids: 66.9 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	120	*	12/27/2024	1905
7440-50-8	Copper	290		12/27/2024	1905
7439-92-1	Lead	210	*	12/27/2024	1905
7440-66-6	Zinc	1000		12/27/2024	1905

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

Comments:

EPA SAMPLE NO.

MJNKB6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-09

% Solids: 80.4 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	5100	D*	12/28/2024	0131
7440-50-8	Copper	2100		12/27/2024	2150
7439-92-1	Lead	2800	D*	12/28/2024	0122
7440-66-6	Zinc	11000	D	12/28/2024	0125

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

Comments:

EPA SAMPLE NO.

MJNKC4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-10

% Solids: 68.8 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	6.3	*	12/27/2024	2153
7440-50-8	Copper	37		12/27/2024	2153
7439-92-1	Lead	21	*	12/27/2024	2153
7440-66-6	Zinc	32		12/27/2024	2153

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

Comments:

EPA SAMPLE NO.

MJNKG9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-11

% Solids: 73.7 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	27	*	12/27/2024	2156
7440-50-8	Copper	290		12/27/2024	2156
7439-92-1	Lead	71	*	12/27/2024	2156
7440-66-6	Zinc	62		12/27/2024	2156

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

Comments:

EPA SAMPLE NO.

MJNKH0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-12

% Solids: 64.1 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	80	*	12/27/2024	2159
7440-50-8	Copper	570		12/27/2024	2159
7439-92-1	Lead	190	*	12/27/2024	2159
7440-66-6	Zinc	1200		12/27/2024	2159

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

Comments:

EPA SAMPLE NO.

MJNKJ0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: SOIL Lab Sample ID: P5363-13

% Solids: 49.1 Date Received: 12/20/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	54	*	12/27/2024	2202
7440-50-8	Copper	870		12/27/2024	2202
7439-92-1	Lead	130	*	12/27/2024	2202
7440-66-6	Zinc	250		12/27/2024	2202

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

Comments:

EPA SAMPLE NO.

MJNLE3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: Water Lab Sample ID: P5363-14

% Solids: Date Received: 12/20/2024

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
7440-38-2	Arsenic	0.18	J	12/27/2024	2004
7440-50-8	Copper	0.57	J	12/27/2024	2004
7439-92-1	Lead	0.31	J	12/27/2024	2004
7440-66-6	Zinc	1.7	J	12/27/2024	2004

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

Comments:

EPA SAMPLE NO.

MJNLF9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: Water Lab Sample ID: P5363-15

% Solids: Date Received: 12/20/2024

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
7440-38-2	Arsenic	1.0	U	12/27/2024	2007
7440-50-8	Copper	2.0	U	12/27/2024	2007
7439-92-1	Lead	1.0	U	12/27/2024	2007
7440-66-6	Zinc	5.0	U	12/27/2024	2007

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

Comments:

EPA SAMPLE NO.

MJNLG0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51821 MA No. : SDG No.: MJNKA0

Matrix: Water Lab Sample ID: P5363-16

% Solids: Date Received: 12/20/2024

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
7440-38-2	Arsenic	1.0	U	12/27/2024	2010
7440-50-8	Copper	2.0	U	12/27/2024	2010
7439-92-1	Lead	1.0	U	12/27/2024	2010
7440-66-6	Zinc	5.0	U	12/27/2024	2010

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

Comments:

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122724 MS.b\
Analysis File: P7122724 MS.batch.bin
DA Date-Time: 2024-12-28 21:03:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
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2	005CALS.d	S01	2024-12-27 14:46:11
3	006CALS.d	S02	2024-12-27 14:49:33
4	007CALS.d	S03	2024-12-27 14:52:53
5	008CALS.d	S04	2024-12-27 14:55:56
6	009CALS.d	S05	2024-12-27 14:58:53
7	010CALS.d	S06	2024-12-27 15:01:40
8	011CALS.d	S07	2024-12-27 15:04:29
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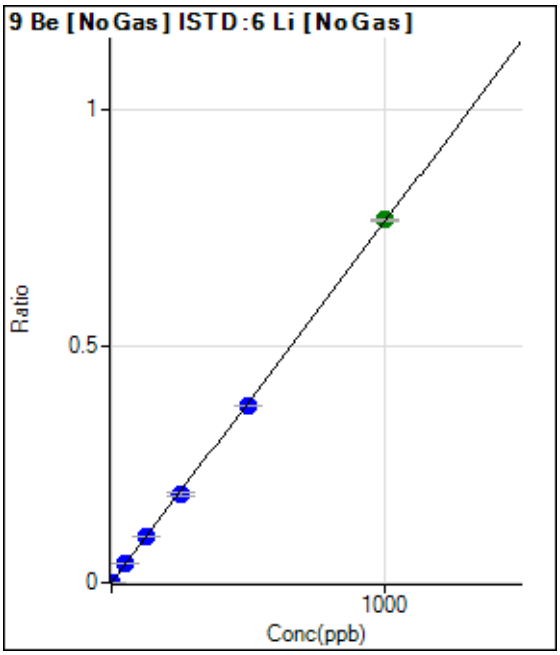
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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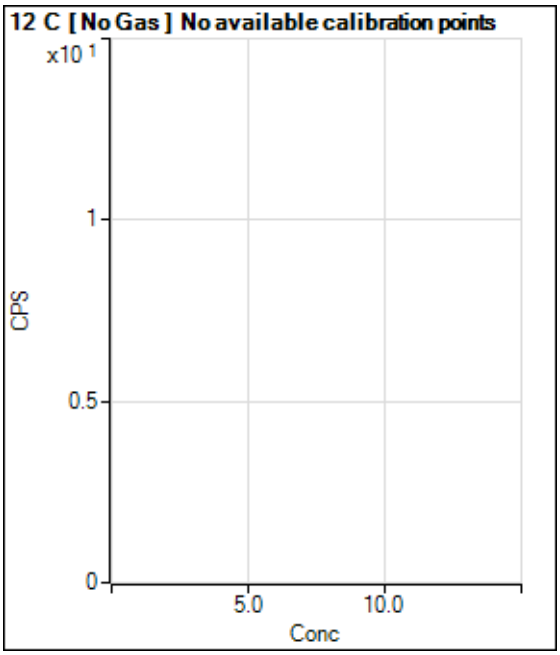
2	☐	0.100	0.125	257.78	0.0001	P	10.2
3	☐	1.000	1.120	1787.90	0.0009	P	3.1
4	☐	50.000	53.826	83608.77	0.0411	P	0.9
5	☐	125.000	128.660	195932.82	0.0982	P	0.7
6	☐	250.000	246.394	377837.92	0.1881	P	4.0
7	☐	500.000	490.076	719959.30	0.3740	P	0.8
8	☐	1000.000	1005.215	1462889.36	0.7672	A	0.9
9	☐			517.79	0.0003	P	8.1

y = 7.6314E-004 * x + 3.5823E-005
R = 0.9999
DL = 0.01364
BEC = 0.04694

Weight: <None>
Min Conc: 0



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2	☐						
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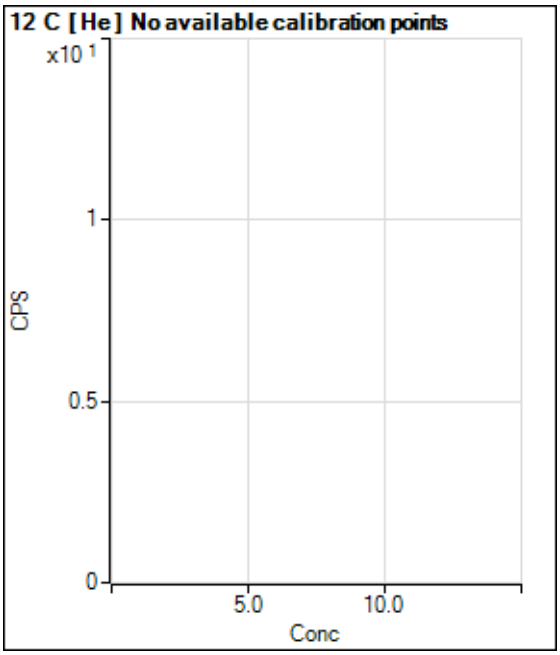
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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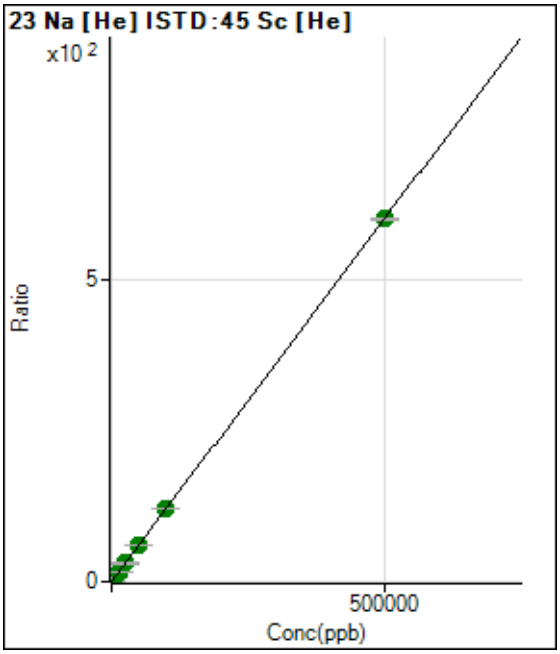

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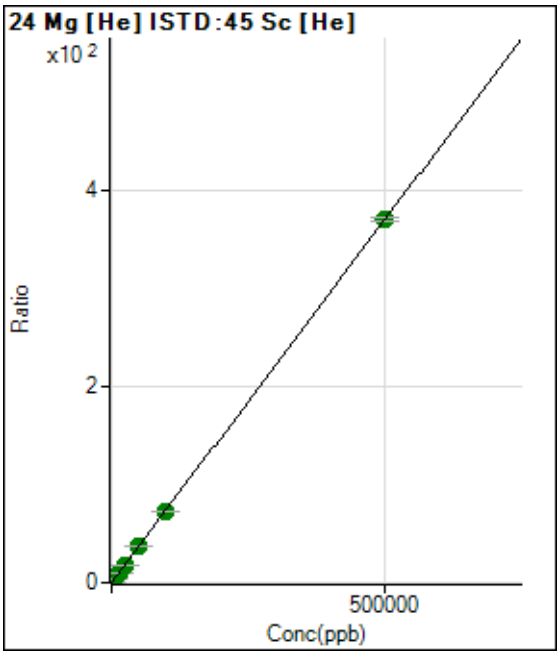
1	☐	0.000	0.000	19727.18	0.0306	P	1.0
2	☐	50.000	49.073	59310.36	0.0895	P	1.0
3	☐	500.000	494.691	413279.69	0.6249	P	1.4
4	☐	5000.000	5255.212	4004839.25	6.3448	A	0.6
5	☐	12500.000	12466.416	8881728.97	15.0092	A	0.2
6	☐	25000.000	25184.091	16884720.30	30.2897	A	0.6
7	☐	50000.000	50452.889	32275264.79	60.6506	A	0.3
8	☐	100000.00	100151.82	64095066.27	120.3647	A	0.8
9	☐	500000.00	499913.43	337010199.42	600.6850	A	0.8

y = 0.0012 * x + 0.0306
R = 1.0000
DL = 0.7448
BEC = 25.43

Weight: <None>
Min Conc: 0

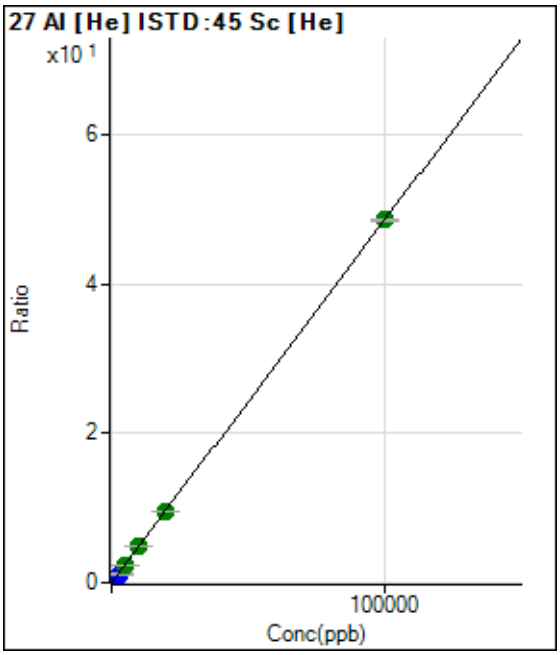
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	982.26	0.0015	P	8.0
2	☐	50.000	53.402	27107.25	0.0409	P	1.1
3	☐	500.000	533.822	261412.79	0.3953	P	1.5
4	☐	5000.000	5243.407	2442327.50	3.8693	A	0.3
5	☐	12500.000	12416.580	5420786.31	9.1606	A	0.1
6	☐	25000.000	25008.433	10284204.08	18.4489	A	0.5
7	☐	50000.000	50044.805	19645573.87	36.9169	A	0.5
8	☐	100000.00	98391.376	38649455.54	72.5796	A	0.7
9	☐	500000.00	500316.44	207055096.92	369.0582	A	0.9

y = 7.3765E-004 * x + 0.0015
R = 1.0000
DL = 0.4942
BEC = 2.063

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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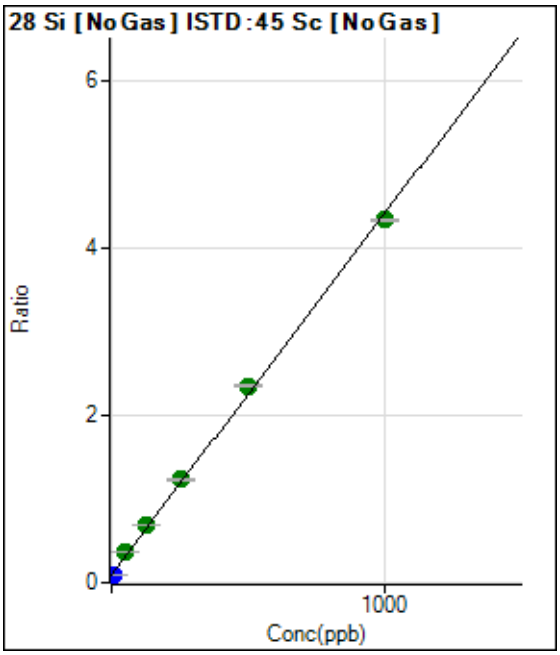
2	☐	2.000	2.483	900.03	0.0014	P	3.0
3	☐	20.000	19.729	6441.40	0.0097	P	1.8
4	☐	1000.000	989.508	303664.81	0.4811	P	0.1
5	☐	2500.000	2379.562	684475.64	1.1567	P	0.9
6	☐	5000.000	4960.091	1344006.90	2.4109	A	1.5
7	☐	10000.000	10004.926	2587792.20	4.8628	A	0.9
8	☐	20000.000	19502.325	5047693.19	9.4788	A	0.5
9	☐	100000.00	100104.15	27296714.31	48.6534	A	0.6

y = 4.8603E-004 * x + 1.5151E-004
R = 1.0000
DL = 0.07993
BEC = 0.3117

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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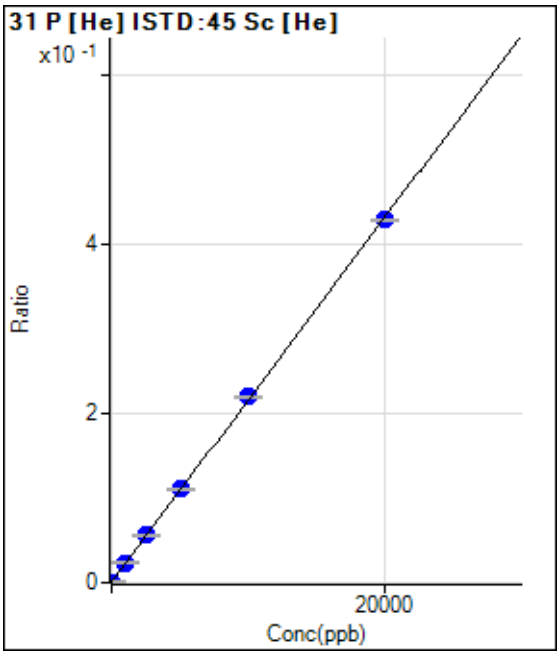
2	☐	1.000	0.703	701235.96	0.0981	P	4.5
3	☐	10.000	1.152	732185.64	0.1000	P	0.5
4	☐	50.000	63.192	2641180.28	0.3679	A	1.2
5	☐	125.000	139.417	4727784.90	0.6970	A	0.9
6	☐	250.000	264.503	8126871.61	1.2371	A	2.1
7	☐	500.000	522.720	14546371.59	2.3520	A	1.0
8	☐	1000.000	982.641	26341452.94	4.3378	A	0.4
9	☐			549482.46	0.0893	P	1.8

y = 0.0043 * x + 0.0950
R = 0.9993
DL = 0.6011
BEC = 22.01

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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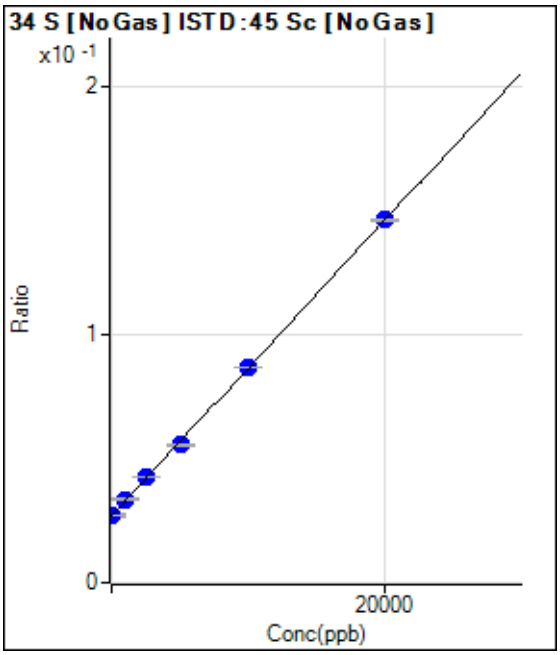
2	☐	0.000	-11.168	220.00	0.0003	P	6.6
3	☐	0.000	25.444	741.14	0.0011	P	8.3
4	☐	1000.000	1075.103	14986.32	0.0237	P	1.9
5	☐	2500.000	2568.896	33100.23	0.0559	P	2.0
6	☐	5000.000	5098.091	61564.18	0.1104	P	2.2
7	☐	10000.000	10159.202	116817.96	0.2195	P	0.8
8	☐	20000.000	19883.509	228495.47	0.4291	P	0.4
9	☐			294.45	0.0005	P	6.9

y = 2.1551E-005 * x + 5.7274E-004
R = 0.9999
DL = 6.938
BEC = 26.58

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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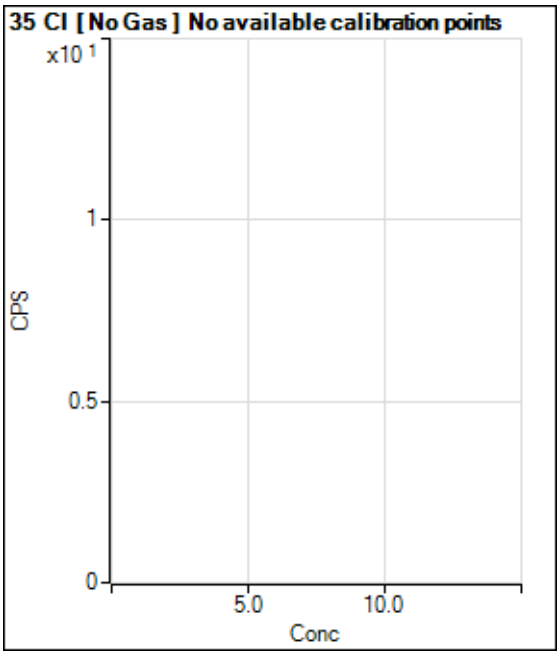
2	☐	0.000	-0.606	193323.98	0.0270	P	4.1
3	☐	0.000	17.944	198712.04	0.0271	P	1.8
4	☐	1000.000	1097.864	241094.77	0.0336	P	1.2
5	☐	2500.000	2591.925	288211.91	0.0425	P	0.1
6	☐	5000.000	4791.041	365280.48	0.0556	P	1.6
7	☐	10000.000	10012.065	536371.07	0.0867	P	0.1
8	☐	20000.000	20029.824	889326.48	0.1465	P	0.4
9	☐			156533.29	0.0254	P	3.7

y = 5.9621E-006 * x + 0.0270
R = 0.9999
DL = 295.1
BEC = 4534

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
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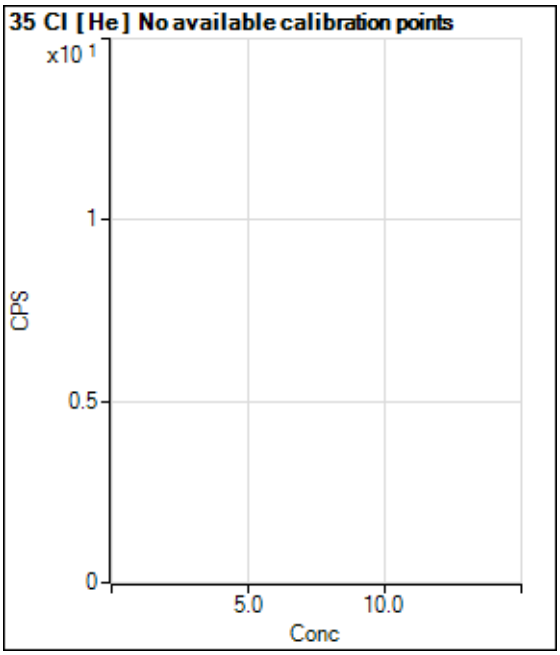
Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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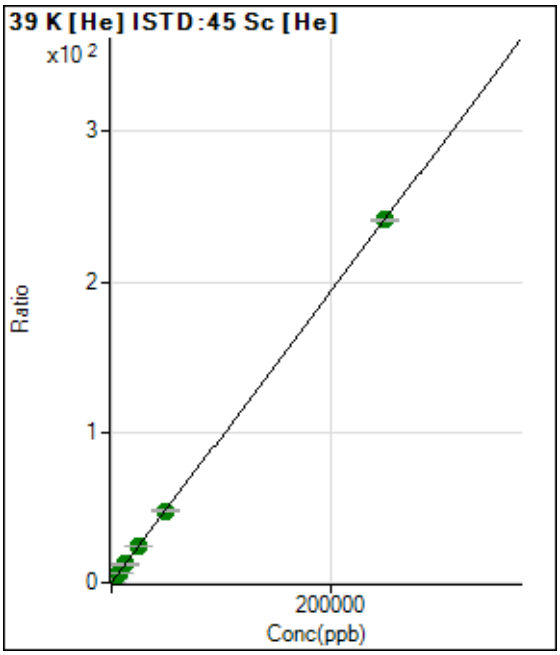
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58032.30	0.0899	P	1.7
2	☐	50.000	54.164	94159.89	0.1421	P	0.6
3	☐	500.000	548.403	409097.28	0.6186	P	1.3
4	☐	2500.000	2645.931	1666855.34	2.6408	A	0.9
5	☐	6250.000	6269.920	3630180.01	6.1346	A	0.8
6	☐	12500.000	12534.651	6786804.41	12.1743	A	0.8
7	☐	25000.000	25162.824	12957340.36	24.3488	A	0.1
8	☐	50000.000	49462.550	25440310.73	47.7756	A	1.2
9	☐	250000.00	250087.42	135322059.09	241.1936	A	0.7

y = 9.6408E-004 * x + 0.0899
R = 1.0000
DL = 4.759
BEC = 93.25

Weight: <None>
Min Conc: 0

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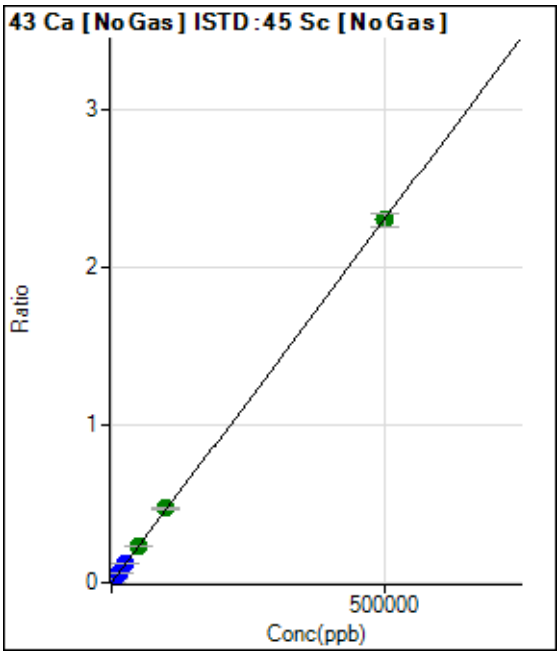
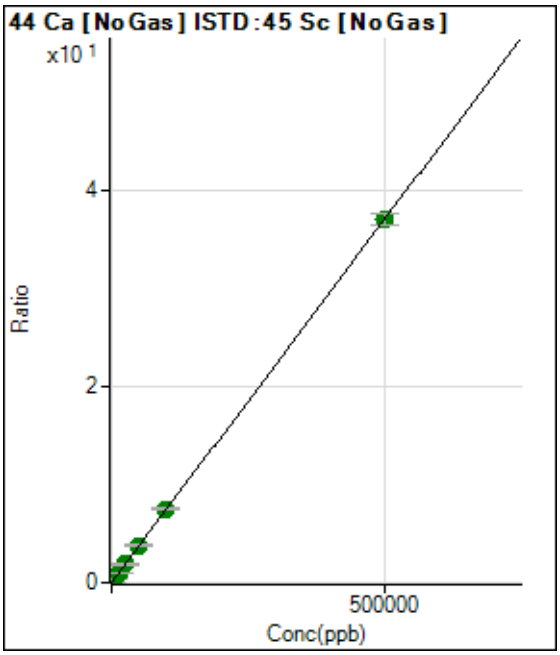


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.45	0.0000	P	12.5
2	☐	50.000	58.169	2130.17	0.0003	P	5.5
3	☐	500.000	544.360	18556.97	0.0025	P	0.8
4	☐	5000.000	5486.785	181413.44	0.0253	P	2.0
5	☐	12500.000	13191.767	411813.06	0.0607	P	0.9
6	☐	25000.000	25753.582	778443.93	0.1185	P	2.4
7	☐	50000.000	51301.240	1459687.17	0.2360	A	0.2
8	☐	100000.00	102320.73	2858378.33	0.4707	A	0.9
9	☐	500000.00	499345.84	14133703.95	2.2971	A	3.7

y = 4.6002E-006 * x + 3.0339E-005
R = 1.0000
DL = 2.472
BEC = 6.595

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6617.06	0.0009	P	1.4
2	☐	50.000	58.593	37677.79	0.0053	P	4.6
3	☐	500.000	556.661	308207.99	0.0421	P	1.5
4	☐	5000.000	5316.397	2829020.90	0.3940	A	1.2
5	☐	12500.000	12869.277	6461367.13	0.9525	A	0.6
6	☐	25000.000	25212.125	12252134.12	1.8652	A	2.5
7	☐	50000.000	51499.462	23555786.04	3.8089	A	0.5
8	☐	100000.00	101755.99	45694166.54	7.5250	A	0.4
9	☐	500000.00	499475.79	227254821.06	36.9331	A	3.2

y = 7.3942E-005 * x + 9.3648E-004
R = 1.0000
DL = 0.5379
BEC = 12.67

Weight: <None>
Min Conc: 0

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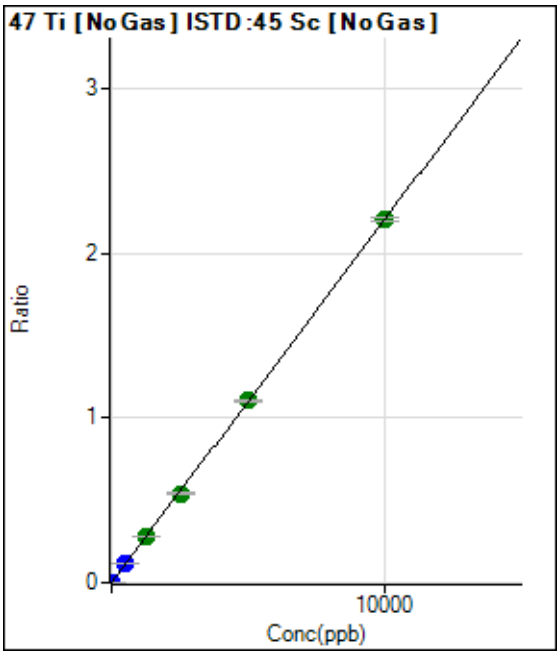
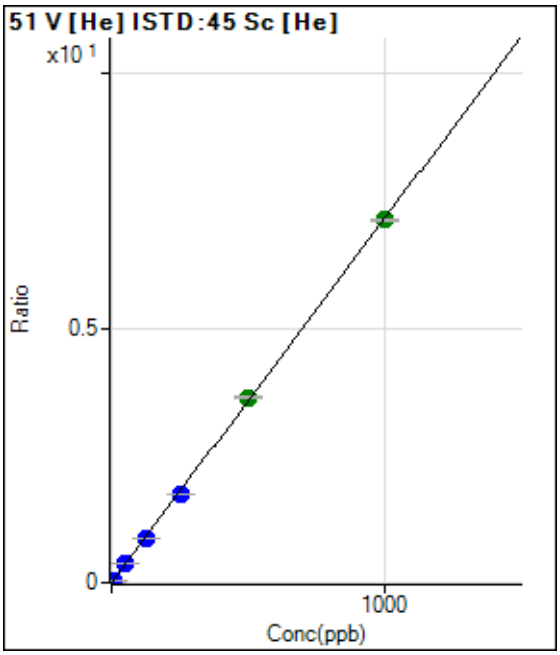


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	5.9
2	☐	0.500	0.565	955.60	0.0001	P	7.2
3	☐	5.000	5.290	8593.61	0.0012	P	0.6
4	☐	500.000	511.871	808868.89	0.1127	P	1.3
5	☐	1250.000	1268.971	1894456.19	0.2793	A	1.1
6	☐	2500.000	2450.803	3542930.29	0.5394	A	3.1
7	☐	5000.000	5019.615	6832173.23	1.1047	A	0.7
8	☐	10000.000	9999.527	13363758.13	2.2007	A	1.0
9	☐			2585.81	0.0004	P	17.1

y = 2.2008E-004 * x + 9.4383E-006
R = 1.0000
DL = 0.007631
BEC = 0.04288

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	21.9
2	☐	0.500	0.531	2546.90	0.0038	P	4.3
3	☐	5.000	5.438	25763.12	0.0390	P	0.6
4	☐	50.000	51.556	232869.24	0.3689	P	0.3
5	☐	125.000	123.471	522785.72	0.8834	P	0.6
6	☐	250.000	244.895	976760.47	1.7522	P	0.3
7	☐	500.000	509.558	1940071.29	3.6458	A	1.1
8	☐	1000.000	996.608	3797036.47	7.1305	A	0.8
9	☐			894.48	0.0016	P	10.4

y = 0.0072 * x + 4.8165E-005
R = 0.9999
DL = 0.004432
BEC = 0.006732

Weight: <None>
Min Conc: 0

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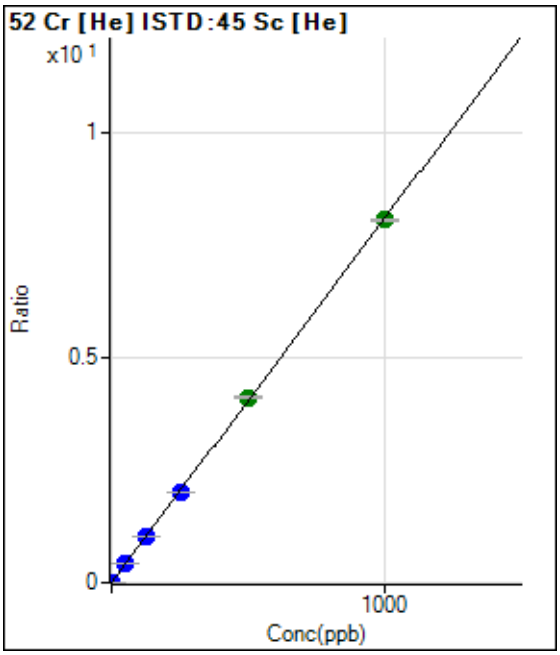
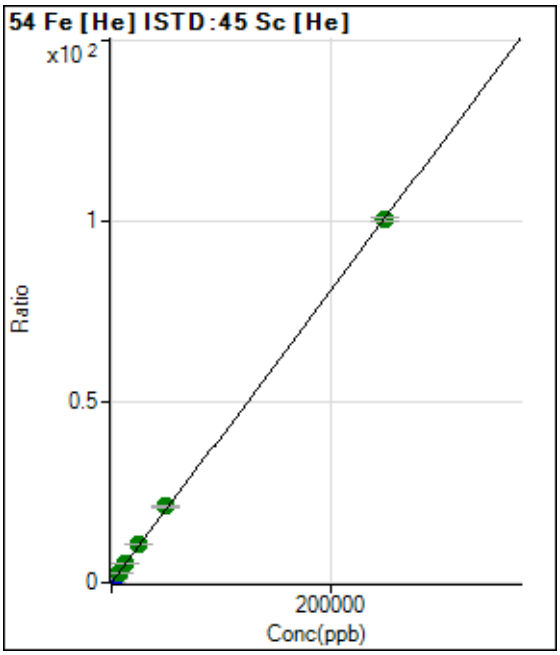


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2269.08	0.0035	P	3.6
2	☐	0.200	0.194	3370.41	0.0051	P	1.7
3	☐	2.000	2.130	13721.90	0.0208	P	2.7
4	☐	50.000	51.816	266903.43	0.4228	P	0.3
5	☐	125.000	124.182	596774.68	1.0085	P	0.7
6	☐	250.000	245.917	1111345.51	1.9936	P	0.4
7	☐	500.000	509.231	2194886.46	4.1246	A	0.3
8	☐	1000.000	996.417	4295889.31	8.0672	A	0.8
9	☐			7299.67	0.0130	P	3.3

y = 0.0081 * x + 0.0035
R = 0.9999
DL = 0.04646
BEC = 0.4343

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2790.29	0.0043	P	2.6
2	☐	5.000	5.966	4457.37	0.0067	P	2.3
3	☐	50.000	58.591	18480.31	0.0279	P	1.2
4	☐	2500.000	2800.161	715313.99	1.1333	P	0.3
5	☐	6250.000	6665.574	1592795.39	2.6917	A	0.2
6	☐	12500.000	13271.330	2985170.86	5.3549	A	0.7
7	☐	25000.000	26631.449	5715949.98	10.7412	A	0.2
8	☐	50000.000	52305.301	11231767.89	21.0921	A	0.6
9	☐	250000.00	249323.83	56397190.83	100.5234	A	1.1

y = 4.0317E-004 * x + 0.0043
R = 0.9999
DL = 0.8355
BEC = 10.72

Weight: <None>
Min Conc: 0

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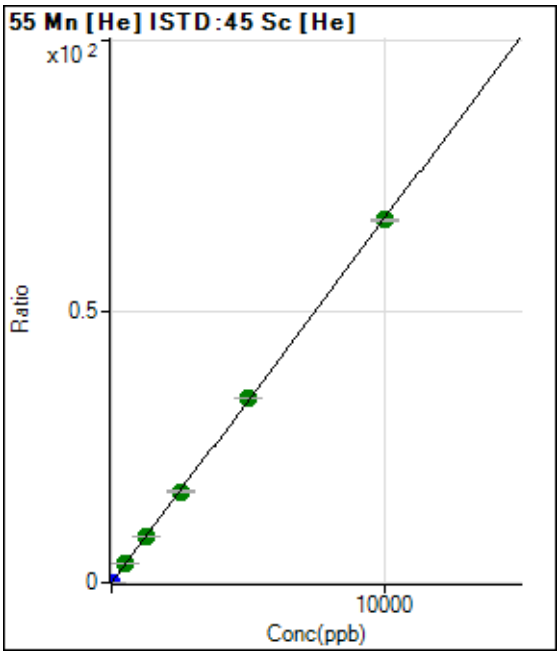
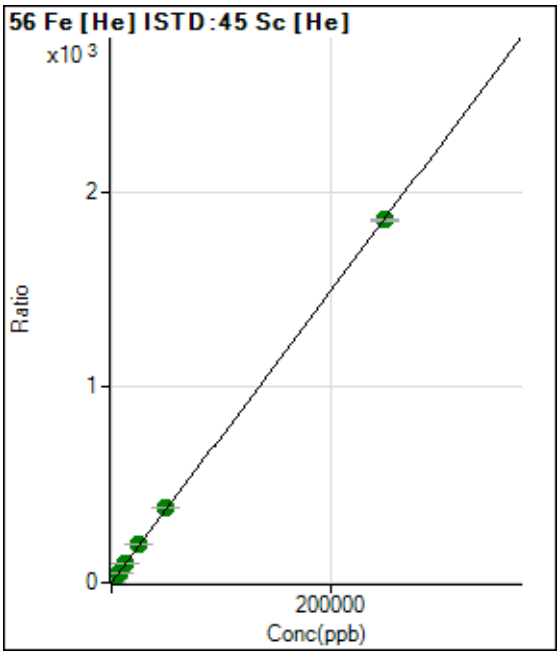


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298.90	0.0005	P	4.2
2	☐	0.100	0.103	766.69	0.0012	P	6.9
3	☐	1.000	1.026	4860.84	0.0073	P	1.6
4	☐	500.000	524.580	2222992.42	3.5218	A	0.7
5	☐	1250.000	1250.241	4966512.49	8.3929	A	0.3
6	☐	2500.000	2499.680	9353947.84	16.7799	A	0.8
7	☐	5000.000	5075.549	18130753.06	34.0708	A	0.2
8	☐	10000.000	9961.046	35606662.52	66.8654	A	0.6
9	☐			17778.39	0.0317	P	2.1

y = 0.0067 * x + 4.6304E-004
R = 1.0000
DL = 0.008717
BEC = 0.06898

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22232.51	0.0344	P	4.3
2	☐	5.000	5.397	49426.42	0.0746	P	1.0
3	☐	50.000	56.839	302444.68	0.4573	P	0.8
4	☐	2500.000	2738.558	12882686.06	20.4092	A	0.5
5	☐	6250.000	6539.674	28812218.46	48.6893	A	0.8
6	☐	12500.000	13053.310	54155524.75	97.1505	A	0.8
7	☐	25000.000	26397.411	104530290.66	196.4300	A	0.2
8	☐	50000.000	51639.044	204605159.17	384.2266	A	0.6
9	☐	250000.00	249495.15	1041461495.5	1,856.266	A	0.5

y = 0.0074 * x + 0.0344
R = 1.0000
DL = 0.5975
BEC = 4.63

Weight: <None>
Min Conc: 0

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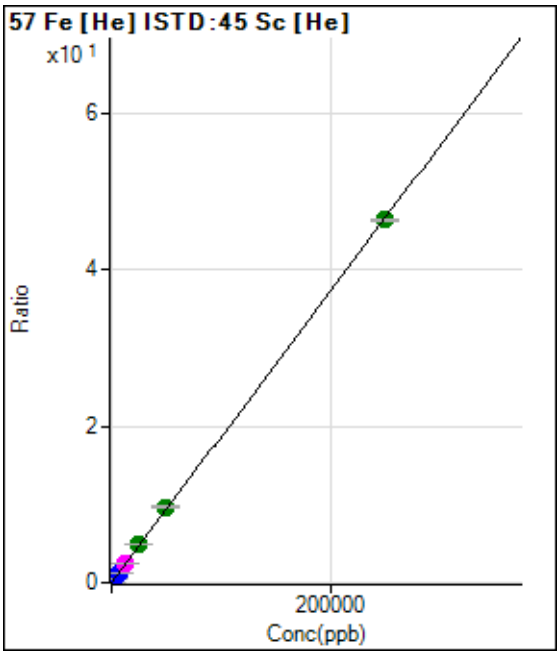
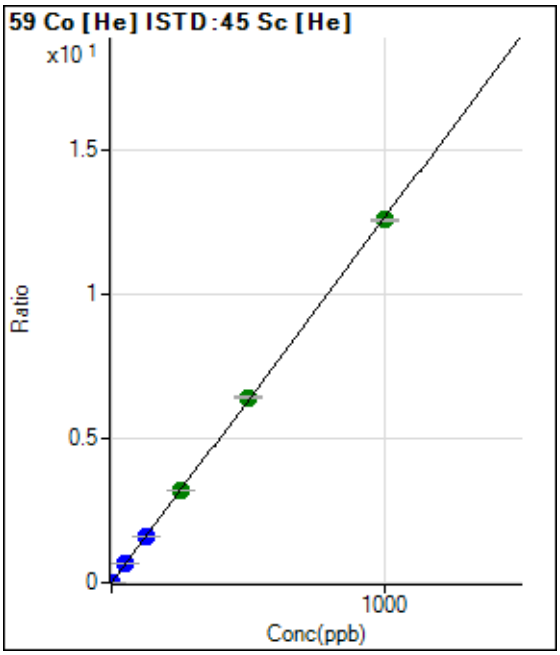


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1251.18	0.0019	P	9.0
2	☐	5.000	5.894	2011.27	0.0030	P	2.8
3	☐	50.000	59.629	8619.21	0.0130	P	1.9
4	☐	2500.000	2760.566	325415.88	0.5155	P	0.3
5	☐	6250.000	6630.302	731126.96	1.2355	P	0.7
6	☐	12500.000	13143.018	1364264.79	2.4472	M	1.0
7	☐	25000.000	26401.124	2614896.75	4.9139	A	1.4
8	☐	50000.000	52063.484	5159103.78	9.6885	A	1.0
9	☐	250000.00	249402.92	26034667.94	46.4039	A	0.7

y = 1.8605E-004 * x + 0.0019
R = 1.0000
DL = 2.818
BEC = 10.42

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0003	P	5.9
2	☐	0.100	0.114	1148.94	0.0017	P	5.1
3	☐	1.000	1.109	9478.62	0.0143	P	1.6
4	☐	50.000	52.047	416179.81	0.6593	P	0.2
5	☐	125.000	124.928	936261.50	1.5822	P	0.5
6	☐	250.000	253.930	1792536.28	3.2157	A	0.6
7	☐	500.000	508.380	3425744.18	6.4376	A	0.4
8	☐	1000.000	994.734	6707673.93	12.5960	A	0.2
9	☐			18787.40	0.0335	P	1.1

y = 0.0127 * x + 2.9251E-004
R = 0.9999
DL = 0.004093
BEC = 0.0231

Weight: <None>
Min Conc: 0

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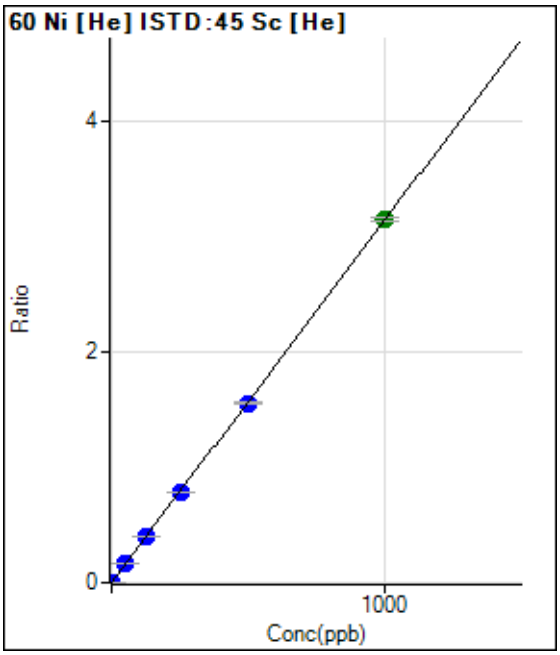
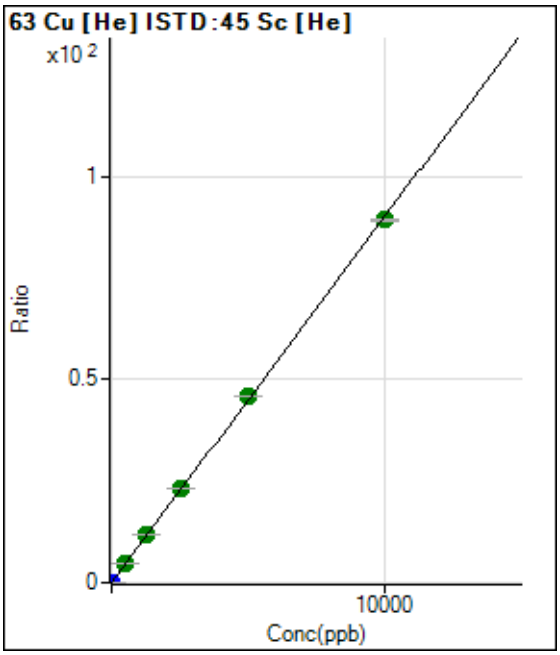


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	703.36	0.0011	P	3.5
2	☐	0.100	0.103	935.59	0.0014	P	7.0
3	☐	1.000	1.076	2958.09	0.0045	P	4.7
4	☐	50.000	53.742	107335.90	0.1700	P	0.3
5	☐	125.000	126.674	236310.45	0.3993	P	1.1
6	☐	250.000	250.143	438999.26	0.7875	P	0.2
7	☐	500.000	495.761	829990.76	1.5597	P	0.6
8	☐	1000.000	1001.688	1677536.08	3.1503	A	1.0
9	☐			8526.93	0.0152	P	2.9

y = 0.0031 * x + 0.0011
R = 1.0000
DL = 0.03677
BEC = 0.3465

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1065.60	0.0017	P	4.9
2	☐	0.200	0.212	2357.99	0.0036	P	3.5
3	☐	2.000	2.057	13336.02	0.0202	P	2.1
4	☐	500.000	547.447	3112025.06	4.9300	A	0.9
5	☐	1250.000	1302.290	6938631.63	11.7254	A	1.1
6	☐	2500.000	2582.558	12961295.22	23.2510	A	0.2
7	☐	5000.000	5102.210	24443391.86	45.9340	A	0.9
8	☐	10000.000	9919.347	47553517.07	89.2999	A	0.5
9	☐			13069.13	0.0233	P	3.2

y = 0.0090 * x + 0.0017
R = 0.9999
DL = 0.0271
BEC = 0.1833

Weight: <None>
Min Conc: 0

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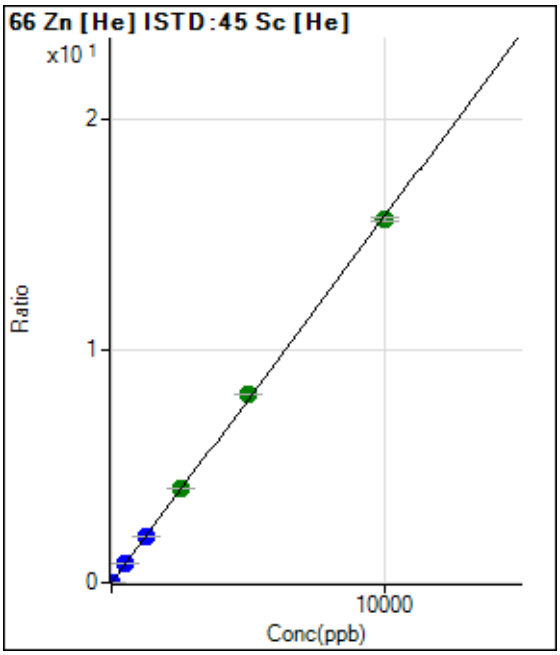
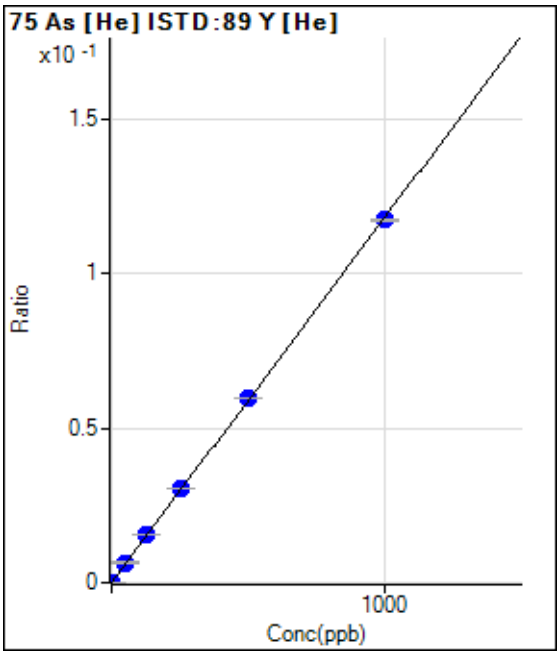


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0002	P	13.2
2	☐	0.500	0.574	743.36	0.0011	P	7.8
3	☐	5.000	5.336	5710.04	0.0086	P	2.7
4	☐	500.000	528.518	526441.51	0.8340	P	0.4
5	☐	1250.000	1272.121	1187758.65	2.0072	P	0.7
6	☐	2500.000	2576.441	2266001.88	4.0649	A	0.8
7	☐	5000.000	5144.881	4319431.15	8.1170	A	0.5
8	☐	10000.000	9904.258	8320622.79	15.6257	A	1.2
9	☐			12421.90	0.0221	P	1.5

y = 0.0016 * x + 2.1697E-004
R = 0.9998
DL = 0.05436
BEC = 0.1375

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	38.2
2	☐	0.100	0.119	97.78	0.0000	P	17.7
3	☐	1.000	1.289	877.81	0.0002	P	9.8
4	☐	50.000	55.071	35509.08	0.0065	P	1.0
5	☐	125.000	130.570	80120.02	0.0154	P	0.7
6	☐	250.000	256.140	150999.93	0.0302	P	0.2
7	☐	500.000	505.745	288301.89	0.0596	P	0.4
8	☐	1000.000	994.642	567378.76	0.1172	P	0.8
9	☐			417.79	0.0001	P	14.5

y = 1.1787E-004 * x + 3.1965E-006
R = 0.9999
DL = 0.03112
BEC = 0.02712

Weight: <None>
Min Conc: 0

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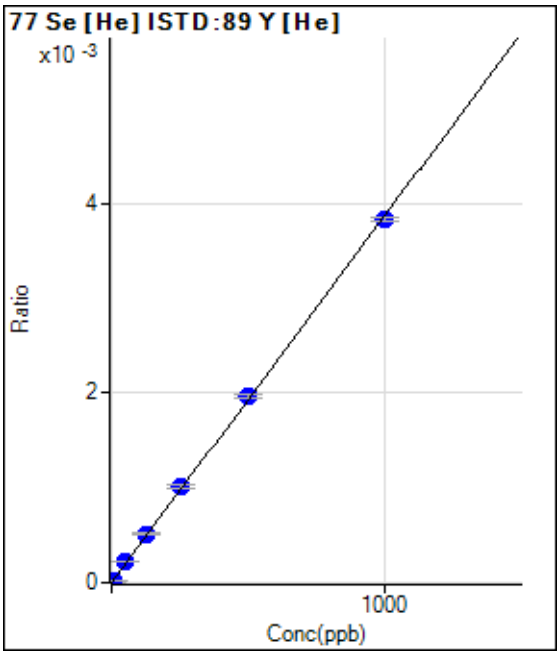
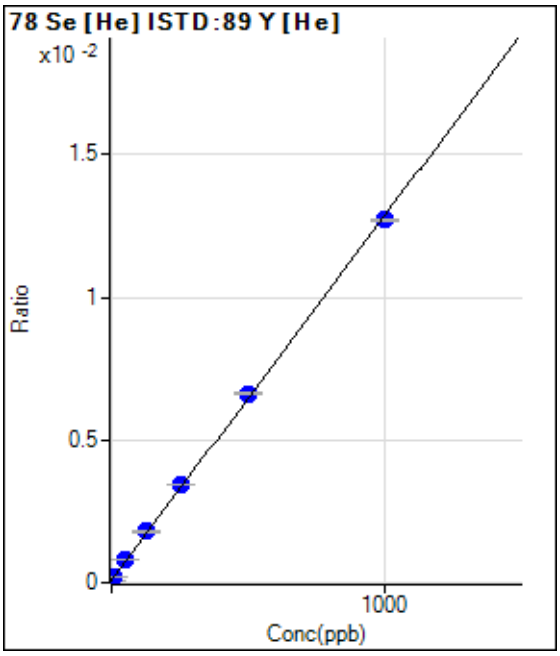


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.556	12.22	0.0000	P	63.1
3	☐	5.000	5.374	117.78	0.0000	P	20.2
4	☐	50.000	56.966	1204.51	0.0002	P	2.8
5	☐	125.000	132.175	2660.26	0.0005	P	2.8
6	☐	250.000	264.403	5113.15	0.0010	P	3.9
7	☐	500.000	510.585	9547.60	0.0020	P	1.9
8	☐	1000.000	989.859	18522.76	0.0038	P	1.2
9	☐			11.11	0.0000	P	18.4

y = 3.8668E-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	480.01	0.0001	P	6.0
2	☐	0.500	0.558	533.35	0.0001	P	9.2
3	☐	5.000	6.664	971.15	0.0002	P	3.4
4	☐	50.000	56.067	4386.25	0.0008	P	3.5
5	☐	125.000	133.522	9321.91	0.0018	P	2.7
6	☐	250.000	262.317	17178.96	0.0034	P	1.3
7	☐	500.000	512.337	32046.94	0.0066	P	1.3
8	☐	1000.000	989.375	61539.44	0.0127	P	0.3
9	☐			396.68	0.0001	P	6.2

y = 1.2766E-005 * x + 8.6545E-005
R = 0.9998
DL = 1.227
BEC = 6.78

Weight: <None>
Min Conc: 0

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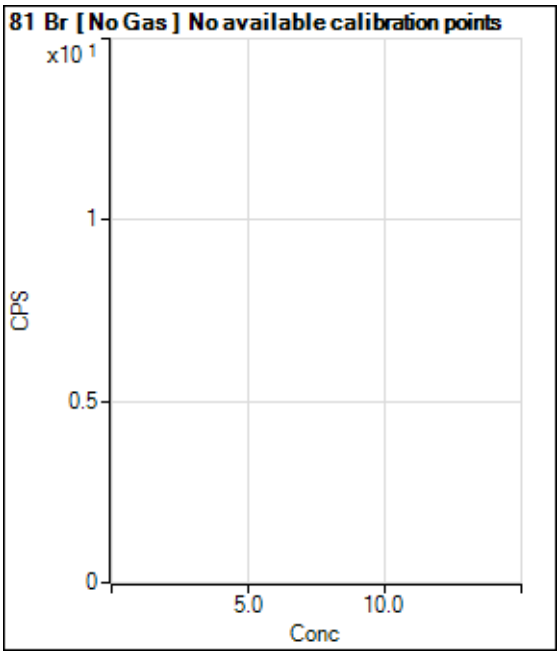
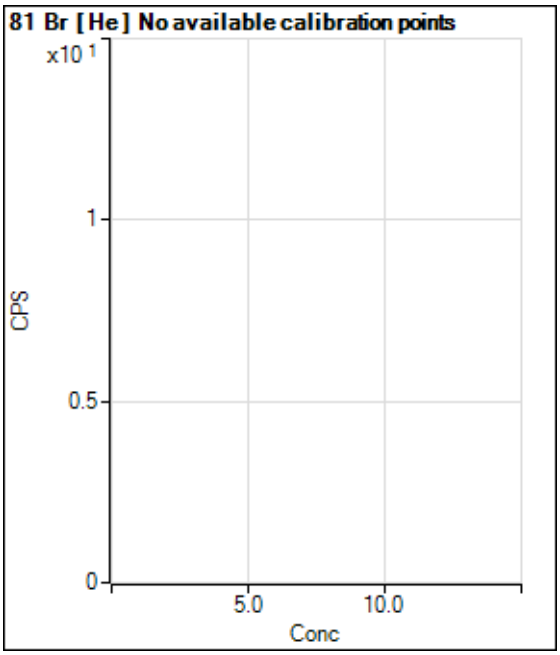


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15062.23		P	1.6
2	☐			15345.84		P	1.6
3	☐			15670.65		P	1.7
4	☐			15181.25		P	0.5
5	☐			13928.90		P	1.5
6	☐			12653.29		P	2.7
7	☐			12188.50		P	2.8
8	☐			12041.66		P	3.3
9	☐			12793.40		P	2.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			215.56		P	9.4
2	☐			172.22		P	15.5
3	☐			181.11		P	6.5
4	☐			115.56		P	6.7
5	☐			146.67		P	12.7
6	☐			113.34		P	11.8
7	☐			105.56		P	6.6
8	☐			117.78		P	18.4
9	☐			150.00		P	6.7

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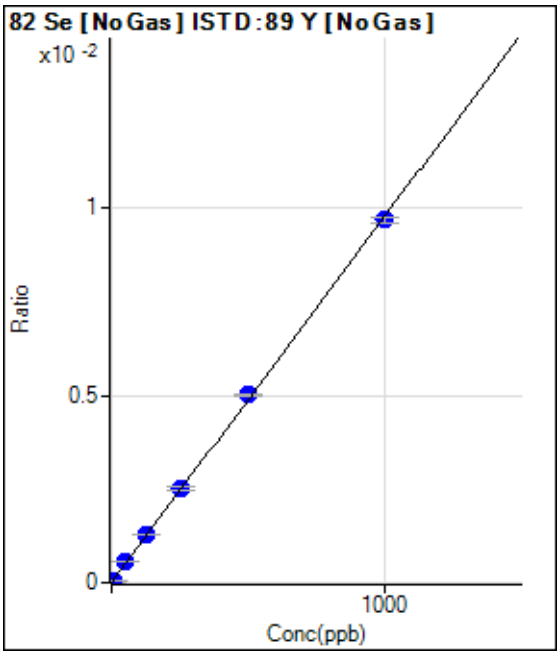
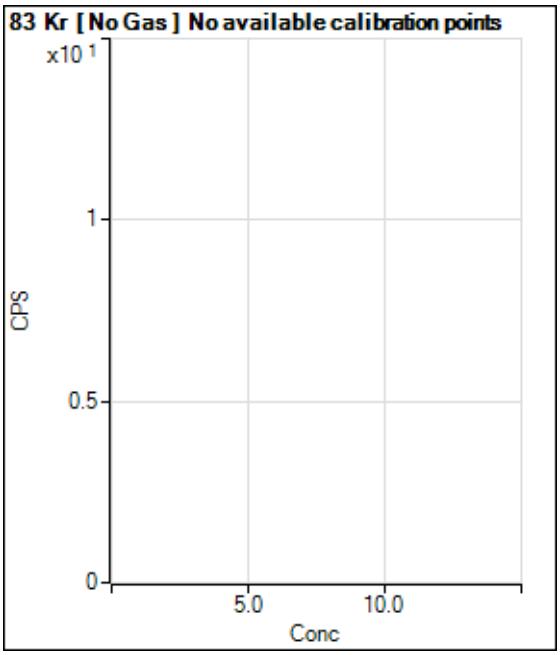


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	128.11	0.0000	P	34.4
2	☐	0.500	0.495	225.03	0.0000	P	16.6
3	☐	5.000	5.531	1206.07	0.0001	P	2.4
4	☐	50.000	55.587	10741.72	0.0005	P	1.6
5	☐	125.000	130.733	24327.75	0.0013	P	1.0
6	☐	250.000	256.833	46607.64	0.0025	P	2.3
7	☐	500.000	512.033	88660.58	0.0050	P	0.6
8	☐	1000.000	991.276	170051.01	0.0097	P	1.4
9	☐			330.86	0.0000	P	11.7

y = 9.7592E-006 * x + 6.6943E-006
R = 0.9999
DL = 0.707
BEC = 0.6859

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			223.34		P	10.8
2	☐			222.23		P	18.9
3	☐			204.45		P	7.5
4	☐			206.67		P	4.8
5	☐			201.12		P	7.8
6	☐			193.34		P	18.6
7	☐			208.89		P	6.0
8	☐			201.11		P	4.2
9	☐			187.78		P	12.1

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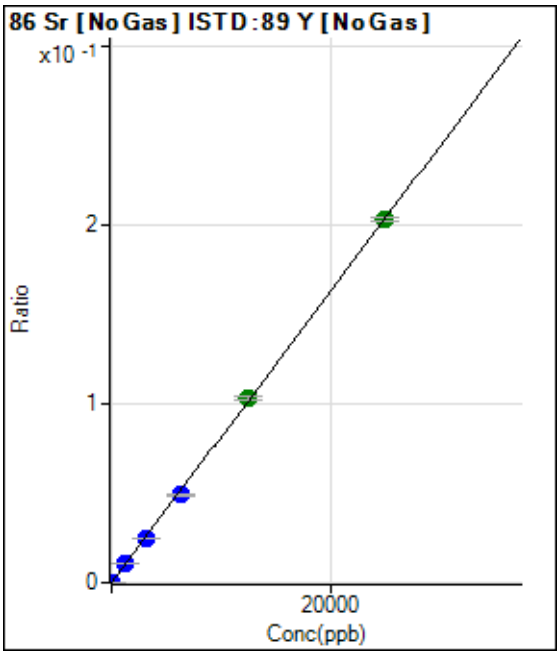
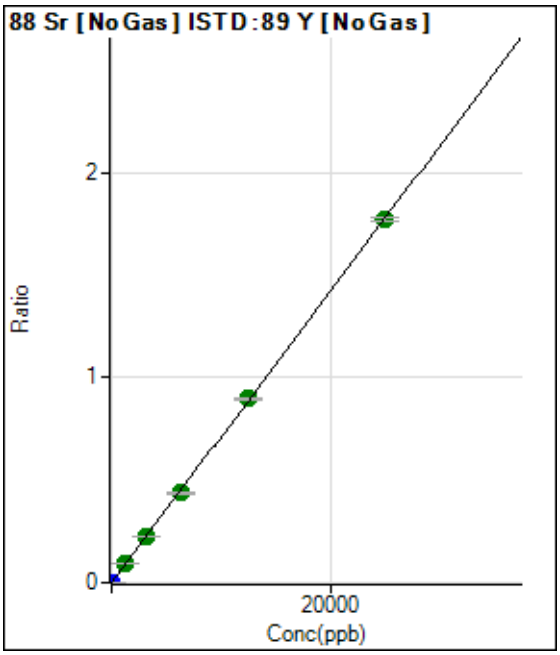


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.90	0.0000	P	4.0
2	☐	0.100	2.759	781.14	0.0000	P	7.2
3	☐	1.000	26.769	4671.90	0.0002	P	3.3
4	☐	1250.000	1281.439	203841.85	0.0104	P	0.5
5	☐	3125.000	3079.156	474498.56	0.0250	P	1.3
6	☐	6250.000	6033.531	908725.79	0.0490	P	2.5
7	☐	12500.000	12682.843	1824843.76	0.1030	A	1.7
8	☐	25000.000	24966.853	3560924.22	0.2027	A	1.0
9	☐			10625.02	0.0006	P	3.2

y = 8.1187E-006 * x + 1.7704E-005
R = 0.9999
DL = 0.2636
BEC = 2.181

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	6.0
2	☐	0.100	2.700	3909.44	0.0002	P	4.1
3	☐	1.000	26.423	37441.99	0.0019	P	0.8
4	☐	1250.000	1324.294	1837975.23	0.0940	A	0.6
5	☐	3125.000	3162.338	4255951.60	0.2244	A	0.1
6	☐	6250.000	6206.273	8166355.02	0.4403	A	2.1
7	☐	12500.000	12625.745	15872532.68	0.8958	A	0.3
8	☐	25000.000	24939.676	31082017.87	1.7694	A	1.2
9	☐			90339.52	0.0052	P	0.6

y = 7.0949E-005 * x + 8.9976E-006
R = 1.0000
DL = 0.02283
BEC = 0.1268

Weight: <None>
Min Conc: 0

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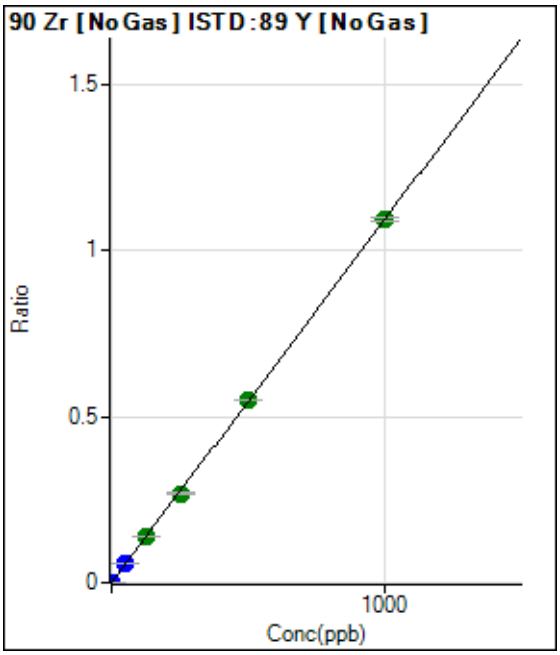
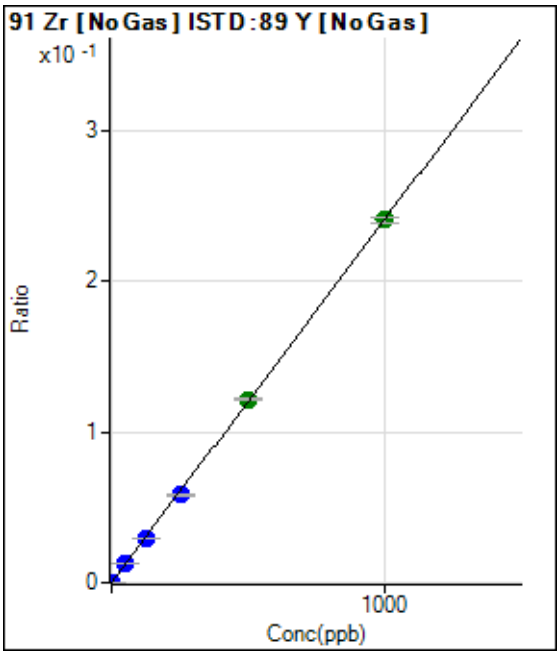


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	760.03	0.0000	P	2.5
2	☐	0.100	0.099	2881.42	0.0001	P	4.5
3	☐	1.000	1.006	22633.09	0.0011	P	1.4
4	☐	50.000	50.913	1088818.01	0.0557	P	0.4
5	☐	125.000	126.609	2624576.38	0.1384	A	0.5
6	☐	250.000	245.835	4982031.39	0.2686	A	2.0
7	☐	500.000	501.586	9710805.20	0.5480	A	0.3
8	☐	1000.000	1000.001	19192261.24	1.0926	A	1.2
9	☐			13167.14	0.0008	P	4.6

y = 0.0011 * x + 3.9703E-005
R = 1.0000
DL = 0.002694
BEC = 0.03634

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	24.9
2	☐	0.100	0.096	581.13	0.0000	P	2.0
3	☐	1.000	1.022	5018.68	0.0003	P	5.4
4	☐	50.000	51.268	241492.26	0.0123	P	0.7
5	☐	125.000	122.685	560223.44	0.0295	P	0.7
6	☐	250.000	242.099	1080634.37	0.0583	P	3.1
7	☐	500.000	504.722	2152566.90	0.1215	A	1.5
8	☐	1000.000	999.840	4227267.54	0.2407	A	1.7
9	☐			2791.40	0.0002	P	5.2

y = 2.4069E-004 * x + 6.6150E-006
R = 0.9999
DL = 0.02055
BEC = 0.02748

Weight: <None>
Min Conc: 0

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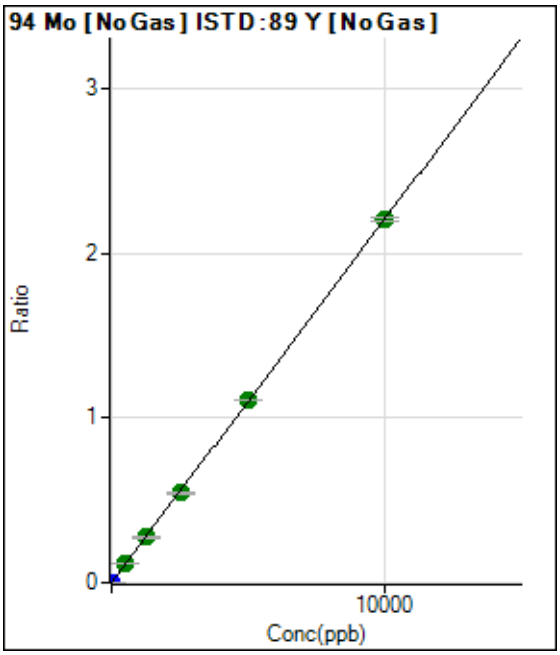
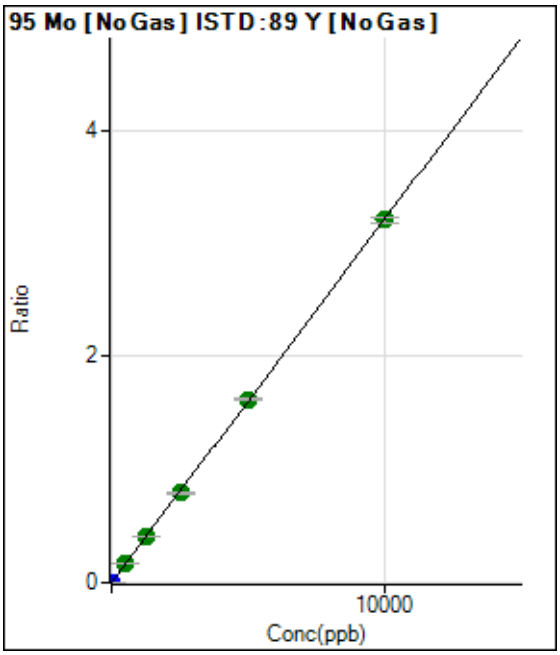


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	390.01	0.0000	P	15.3
2	☐	0.500	0.609	3015.89	0.0002	P	6.1
3	☐	5.000	6.149	27363.36	0.0014	P	3.7
4	☐	500.000	523.991	2261657.52	0.1156	A	0.9
5	☐	1250.000	1254.806	5251022.63	0.2769	A	2.3
6	☐	2500.000	2473.846	10123121.65	0.5458	A	1.3
7	☐	5000.000	5027.129	19651728.74	1.1091	A	0.3
8	☐	10000.000	9991.173	38720346.92	2.2042	A	0.9
9	☐			12097.38	0.0007	P	11.9

y = 2.2062E-004 * x + 2.0369E-005
R = 1.0000
DL = 0.04246
BEC = 0.09233

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0000	P	1.3
2	☐	0.500	0.525	3606.03	0.0002	P	4.5
3	☐	5.000	5.226	33675.34	0.0017	P	0.7
4	☐	500.000	524.469	3293095.16	0.1684	A	0.9
5	☐	1250.000	1258.452	7661587.39	0.4039	A	2.2
6	☐	2500.000	2472.500	14716919.36	0.7936	A	2.7
7	☐	5000.000	5036.321	28642513.46	1.6165	A	0.8
8	☐	10000.000	9986.434	56303797.49	3.2053	A	1.5
9	☐			12276.48	0.0007	P	18.0

y = 3.2097E-004 * x + 1.6659E-005
R = 1.0000
DL = 0.002052
BEC = 0.0519

Weight: <None>
Min Conc: 0

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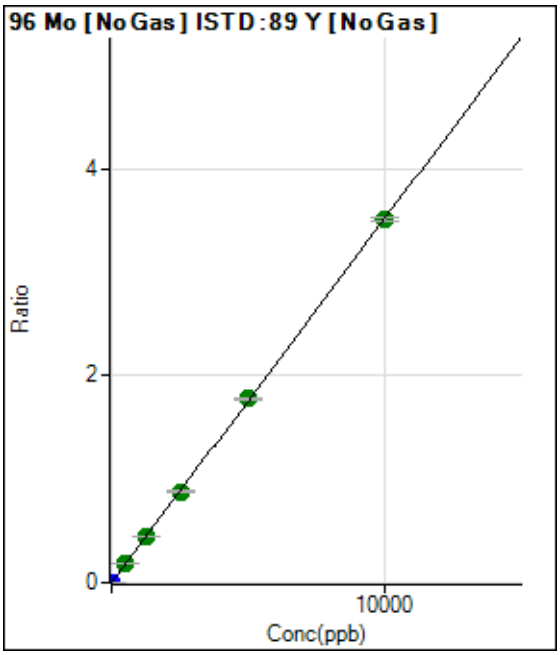
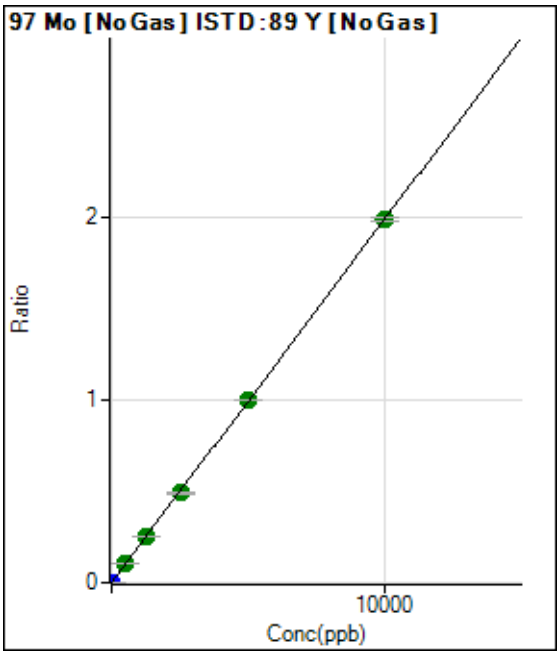


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	337.79	0.0000	P	6.3
2	☐	0.500	0.543	4060.61	0.0002	P	3.0
3	☐	5.000	5.298	37348.67	0.0019	P	0.5
4	☐	500.000	523.928	3600655.95	0.1841	A	0.1
5	☐	1250.000	1262.685	8414235.43	0.4436	A	1.2
6	☐	2500.000	2491.000	16229252.26	0.8751	A	2.5
7	☐	5000.000	5052.181	31448899.53	1.7749	A	0.8
8	☐	10000.000	9973.377	61547509.08	3.5038	A	1.1
9	☐			22724.62	0.0013	P	10.3

y = 3.5131E-004 * x + 1.7649E-005
R = 1.0000
DL = 0.009566
BEC = 0.05024

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	170.00	0.0000	P	9.4
2	☐	0.500	0.537	2255.76	0.0001	P	8.4
3	☐	5.000	5.284	21093.05	0.0011	P	0.5
4	☐	500.000	529.357	2061978.77	0.1054	A	1.0
5	☐	1250.000	1263.312	4771668.61	0.2516	A	1.5
6	☐	2500.000	2480.353	9159854.38	0.4939	A	2.3
7	☐	5000.000	5025.822	17733017.93	1.0008	A	0.8
8	☐	10000.000	9988.869	34940929.48	1.9891	A	1.0
9	☐			7727.74	0.0004	P	19.5

y = 1.9913E-004 * x + 8.8790E-006
R = 1.0000
DL = 0.01258
BEC = 0.04459

Weight: <None>
Min Conc: 0

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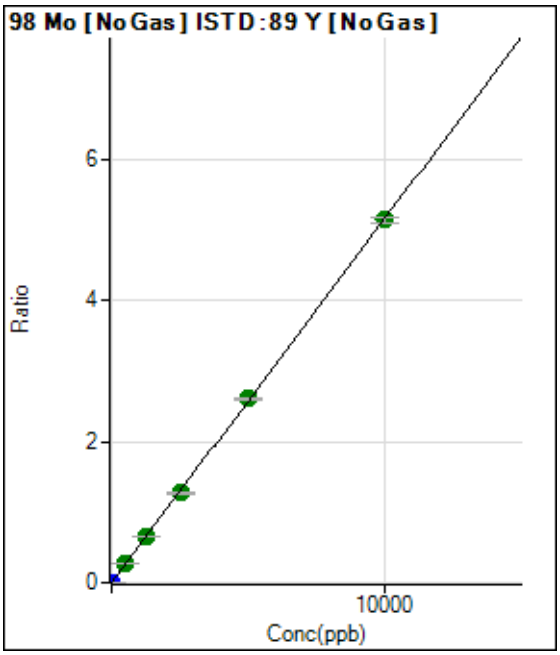
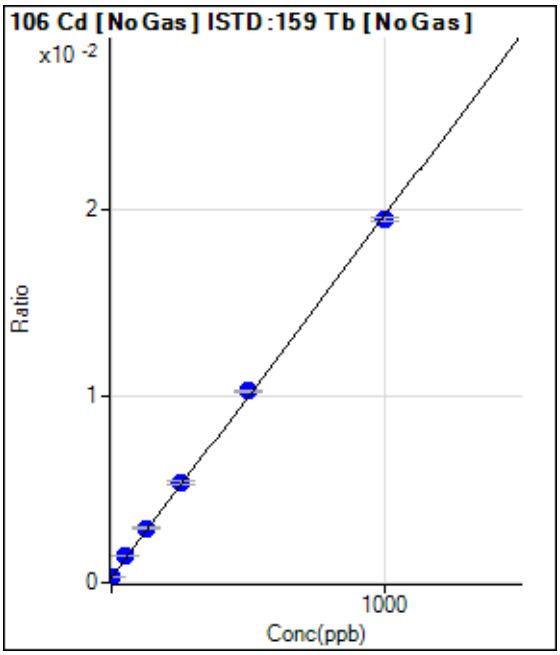


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	437.79	0.0000	P	7.2
2	☐	0.500	0.514	5601.12	0.0003	P	7.2
3	☐	5.000	5.182	53485.15	0.0027	P	1.5
4	☐	500.000	522.089	5258753.95	0.2689	A	0.3
5	☐	1250.000	1260.302	12309158.98	0.6490	A	1.3
6	☐	2500.000	2468.158	23570447.42	1.2709	A	1.9
7	☐	5000.000	5059.826	46163832.64	2.6054	A	0.5
8	☐	10000.000	9975.655	90228163.10	5.1366	A	1.4
9	☐			18877.12	0.0011	P	19.8

y = 5.1491E-004 * x + 2.2875E-005
R = 1.0000
DL = 0.009657
BEC = 0.04443

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4468.51	0.0003	P	4.6
2	☐	0.100	0.543	4685.24	0.0003	P	3.4
3	☐	1.000	1.796	5118.73	0.0003	P	0.9
4	☐	50.000	59.153	22834.71	0.0014	P	0.9
5	☐	125.000	136.134	46112.88	0.0029	P	2.2
6	☐	250.000	259.694	84186.68	0.0053	P	3.6
7	☐	500.000	514.525	157600.88	0.0102	P	1.2
8	☐	1000.000	988.464	298756.06	0.0194	P	1.0
9	☐			4344.02	0.0003	P	4.2

y = 1.9338E-005 * x + 2.8719E-004
R = 0.9998
DL = 2.049
BEC = 14.85

Weight: <None>
Min Conc: 0

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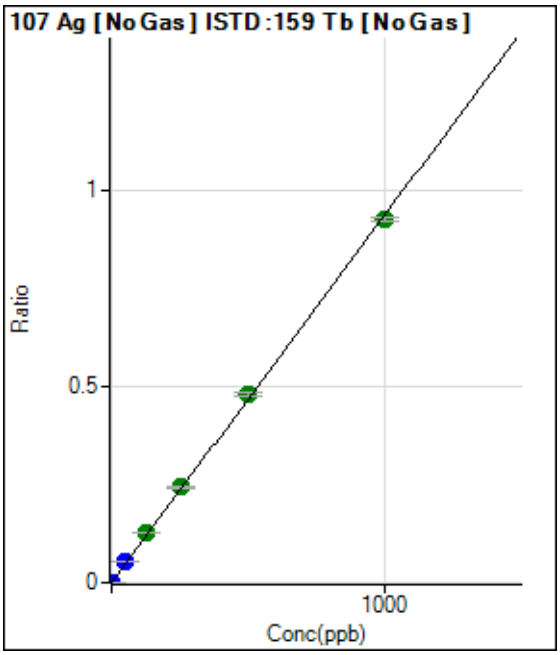
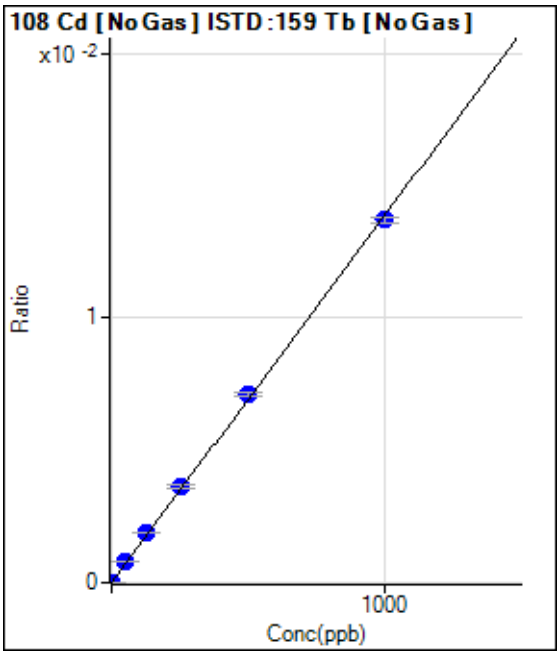


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	16.3
2	☐	0.100	0.105	1659.00	0.0001	P	5.2
3	☐	1.000	1.123	16857.64	0.0011	P	1.0
4	☐	50.000	57.252	856641.86	0.0537	P	1.6
5	☐	125.000	136.974	2028947.02	0.1285	A	1.0
6	☐	250.000	260.603	3875975.11	0.2444	A	2.3
7	☐	500.000	514.580	7428867.81	0.4826	A	1.5
8	☐	1000.000	988.200	14269480.48	0.9267	A	0.9
9	☐			3158.16	0.0002	P	18.6

y = 9.3776E-004 * x + 6.8540E-006
R = 0.9997
DL = 0.003564
BEC = 0.007309

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	63.2
2	☐	0.100	0.135	42.22	0.0000	P	36.8
3	☐	1.000	1.224	282.23	0.0000	P	6.6
4	☐	50.000	57.519	12729.00	0.0008	P	1.7
5	☐	125.000	135.482	29665.91	0.0019	P	1.2
6	☐	250.000	261.462	57472.02	0.0036	P	3.1
7	☐	500.000	513.443	109550.61	0.0071	P	1.2
8	☐	1000.000	988.727	210984.02	0.0137	P	1.4
9	☐			115.56	0.0000	P	25.1

y = 1.3858E-005 * x + 7.8736E-007
R = 0.9998
DL = 0.1077
BEC = 0.05682

Weight: <None>
Min Conc: 0

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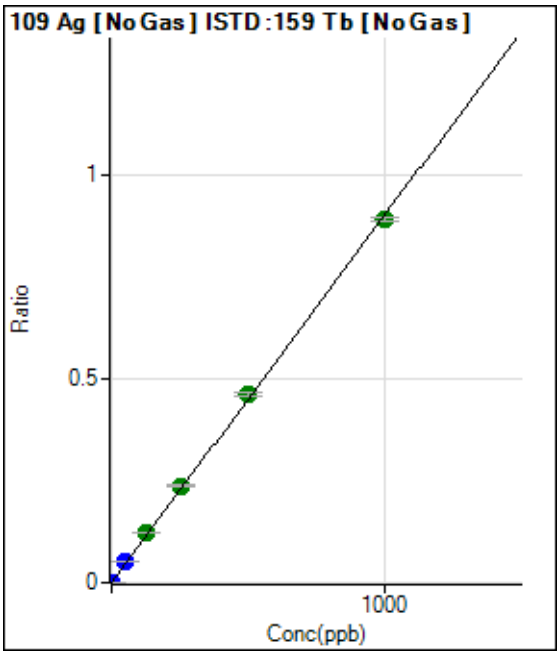
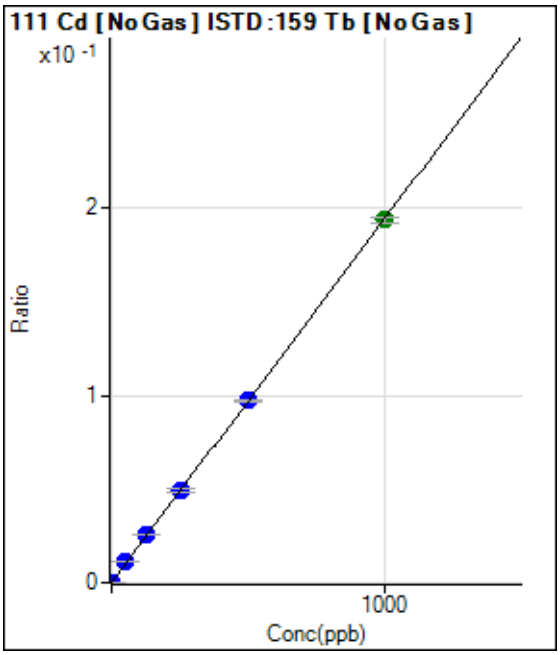


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	12.4
2	☐	0.100	0.109	1595.66	0.0001	P	6.5
3	☐	1.000	1.120	16076.79	0.0010	P	2.5
4	☐	50.000	57.035	818884.30	0.0513	P	1.4
5	☐	125.000	137.415	1953302.37	0.1237	A	0.6
6	☐	250.000	262.246	3743080.84	0.2360	A	1.9
7	☐	500.000	514.504	7127618.85	0.4630	A	1.7
8	☐	1000.000	987.783	13687033.41	0.8889	A	1.1
9	☐			2889.21	0.0002	P	16.3

y = 8.9987E-004 * x + 3.4277E-006
R = 0.9997
DL = 0.001412
BEC = 0.003809

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	908.54	0.0001	P	4.3
2	☑	0.100					
3	☐	1.000	1.207	4656.84	0.0003	P	3.7
4	☐	50.000	55.666	173452.76	0.0109	P	1.3
5	☐	125.000	131.168	403367.50	0.0255	P	1.0
6	☐	250.000	252.794	779696.24	0.0492	P	2.8
7	☐	500.000	501.229	1499847.72	0.0974	P	1.2
8	☐	1000.000	997.632	2984858.91	0.1939	A	1.7
9	☐			1480.90	0.0001	P	3.7

y = 1.9425E-004 * x + 5.8391E-005
R = 1.0000
DL = 0.03846
BEC = 0.3006

Weight: <None>
Min Conc: 0

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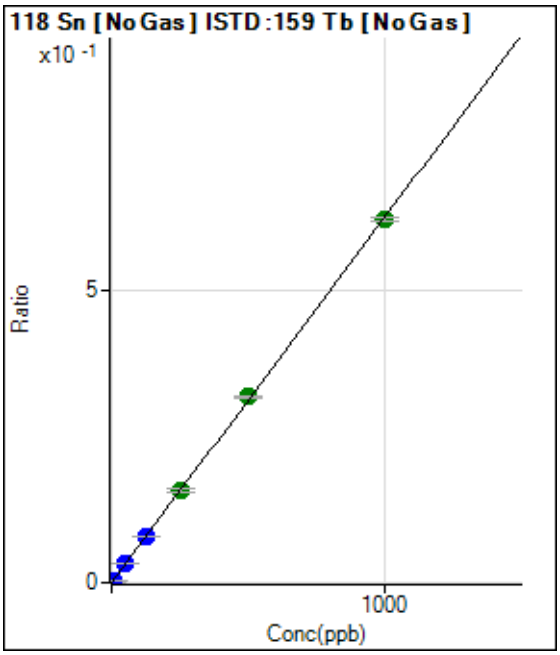
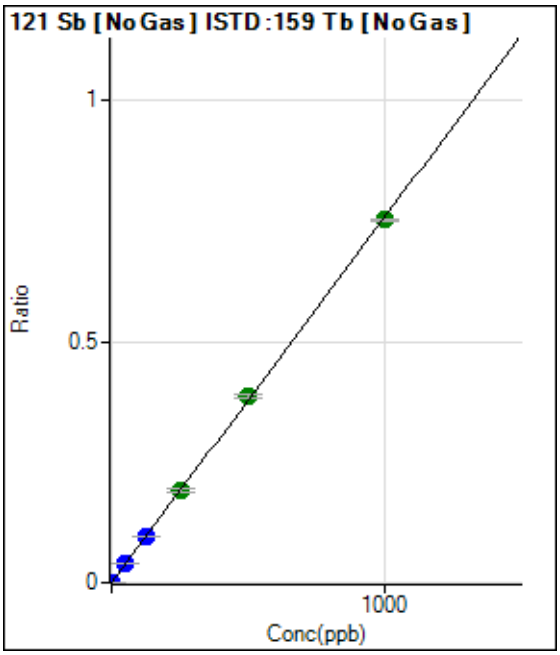


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.83	0.0001	P	8.2
2	☐	0.500	0.587	6862.80	0.0004	P	3.6
3	☐	5.000	5.630	56876.25	0.0036	P	1.4
4	☐	50.000	53.915	536854.94	0.0337	P	1.7
5	☐	125.000	127.357	1253960.40	0.0794	P	1.2
6	☐	250.000	253.205	2502186.02	0.1578	A	2.6
7	☐	500.000	509.587	4887453.29	0.3175	A	1.0
8	☐	1000.000	993.911	9533235.55	0.6191	A	0.9
9	☐			3757.20	0.0003	P	11.4

y = 6.2284E-004 * x + 7.0562E-005
R = 0.9999
DL = 0.0279
BEC = 0.1133

Weight: <None>
Min Conc: 0



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1	☐	0.000	0.000	58.89	0.0000	P	32.7
2	☐	0.200	0.230	2793.63	0.0002	P	4.9
3	☐	2.000	2.196	26491.13	0.0017	P	2.7
4	☐	50.000	53.243	643034.95	0.0403	P	1.3
5	☐	125.000	125.903	1505247.63	0.0953	P	1.1
6	☐	250.000	252.216	3027480.89	0.1909	A	3.0
7	☐	500.000	511.438	5959692.06	0.3871	A	1.3
8	☐	1000.000	993.452	11578969.83	0.7520	A	0.8
9	☐			7479.80	0.0005	P	7.5

y = 7.5692E-004 * x + 3.7892E-006
R = 0.9999
DL = 0.004907
BEC = 0.005006

Weight: <None>
Min Conc: 0

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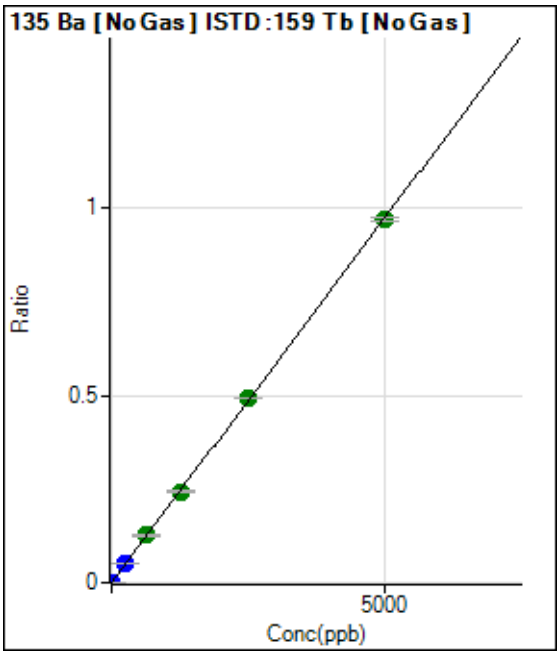
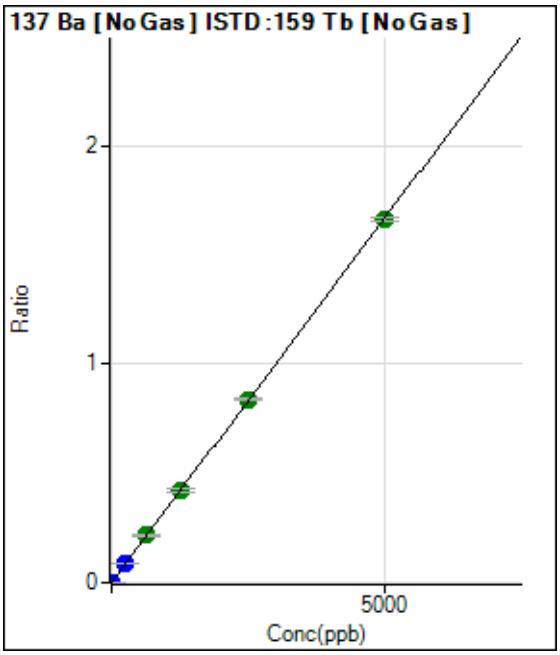


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	14.2
2	☐	1.000	1.084	3374.88	0.0002	P	3.5
3	☐	10.000	10.794	33414.73	0.0021	P	1.3
4	☐	250.000	260.679	808272.92	0.0507	P	1.4
5	☐	625.000	650.969	1998007.89	0.1265	A	1.8
6	☐	1250.000	1252.202	3859527.72	0.2433	A	2.3
7	☐	2500.000	2533.003	7578306.69	0.4922	A	0.9
8	☐	5000.000	4979.166	14899351.44	0.9676	A	1.1
9	☐			6926.21	0.0005	P	6.6

y = 1.9433E-004 * x + 3.9300E-006
R = 1.0000
DL = 0.008637
BEC = 0.02022

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.44	0.0000	P	28.9
2	☐	1.000	1.085	5779.00	0.0004	P	3.2
3	☐	10.000	10.813	57454.18	0.0036	P	1.2
4	☐	250.000	264.606	1408703.85	0.0883	P	1.6
5	☐	625.000	649.624	3423782.59	0.2168	A	1.0
6	☐	1250.000	1267.009	6704716.15	0.4228	A	2.7
7	☐	2500.000	2521.405	12952608.97	0.8413	A	1.0
8	☐	5000.000	4981.236	25593497.40	1.6621	A	1.2
9	☐			12198.69	0.0008	P	6.0

y = 3.3368E-004 * x + 5.4260E-006
R = 1.0000
DL = 0.0141
BEC = 0.01626

Weight: <None>
Min Conc: 0

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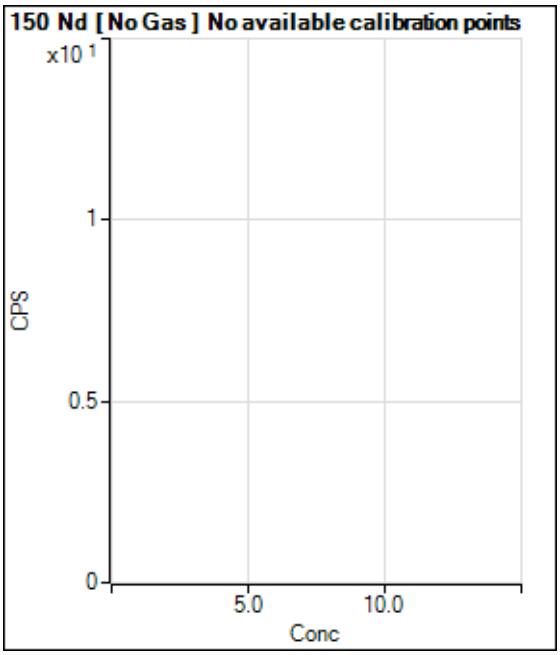
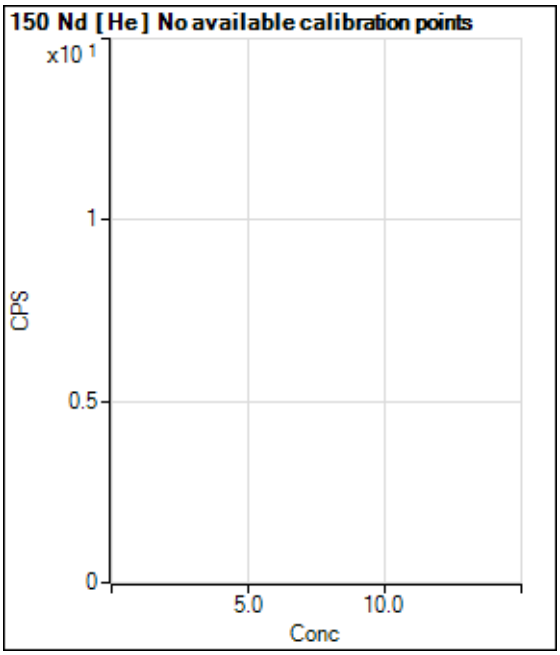


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	0.0
2	☐			10.00		P	33.3
3	☐			5.56		P	34.7
4	☐			54.44		P	31.4
5	☐			98.89		P	10.3
6	☐			206.67		P	14.8
7	☐			392.23		P	1.3
8	☐			751.14		P	3.8
9	☐			260.00		P	20.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	0.0
3	☐			3.33		P	100.
4	☐			15.55		P	44.6
5	☐			27.78		P	25.0
6	☐			62.22		P	30.5
7	☐			103.33		P	11.6
8	☐			202.22		P	6.7
9	☐			131.11		P	16.5

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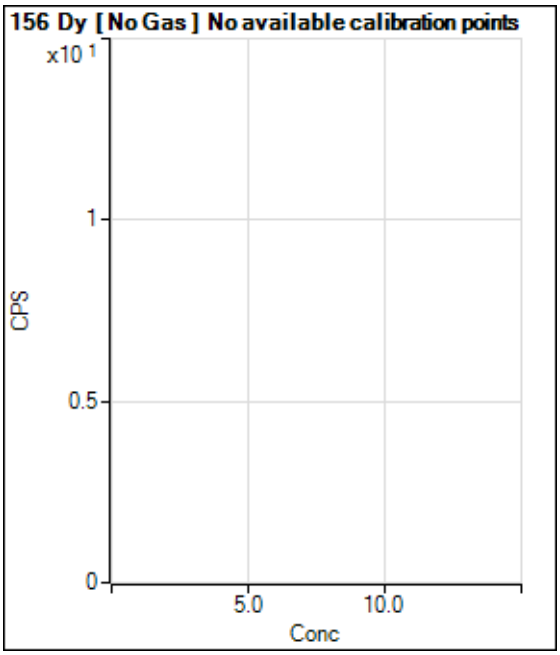
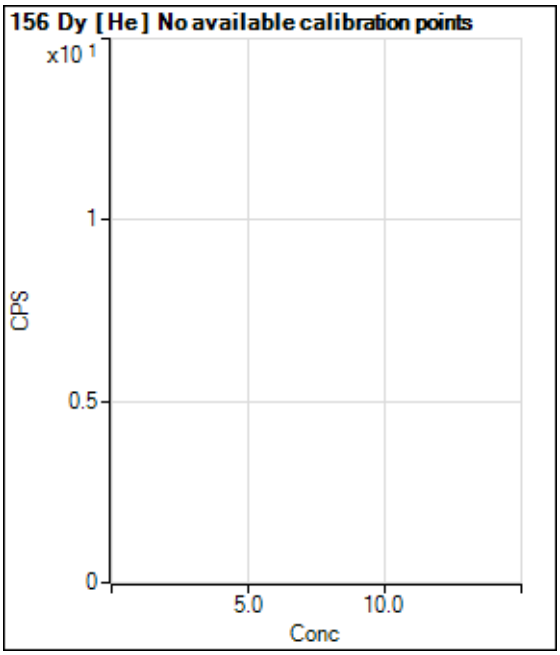


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			12.22		P	56.8
2	☐			10.00		P	66.7
3	☐			15.56		P	49.5
4	☐			30.00		P	80.1
5	☐			52.22		P	43.4
6	☐			70.00		P	29.7
7	☐			133.33		P	8.7
8	☐			240.01		P	7.2
9	☐			395.57		P	9.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	57.3
2	☐			6.67		P	100.
3	☐			5.56		P	91.6
4	☐			47.78		P	34.4
5	☐			116.67		P	14.8
6	☐			208.89		P	13.0
7	☐			408.90		P	11.6
8	☐			797.81		P	9.3
9	☐			406.68		P	9.8

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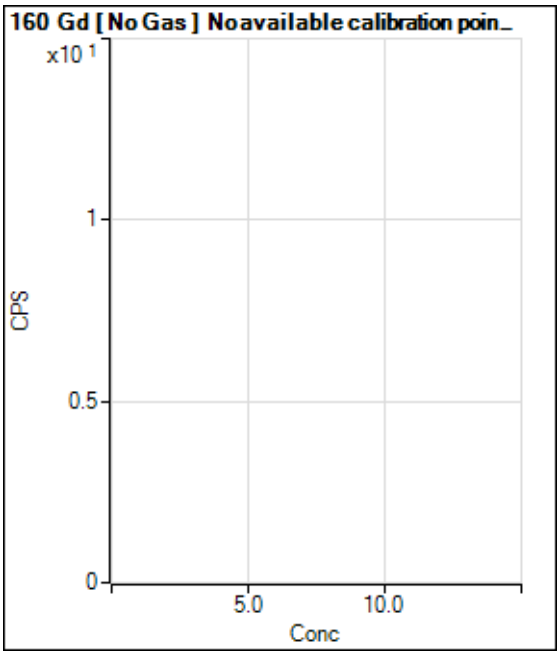
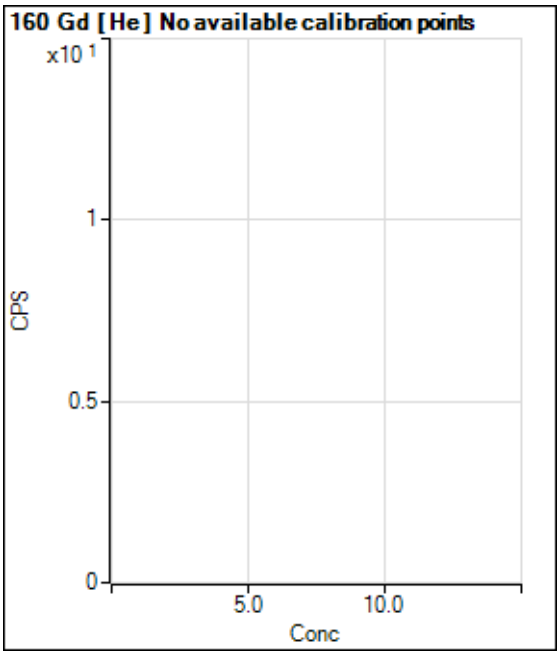


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			60.00		P	43.4
2	☐			51.11		P	32.2
3	☐			58.89		P	34.6
4	☐			58.89		P	13.1
5	☐			75.56		P	29.4
6	☐			82.22		P	18.7
7	☐			130.00		P	2.6
8	☐			192.22		P	5.6
9	☐			470.01		P	12.5



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1	☐			686.69		P	3.7
2	☐			704.47		P	5.0
3	☐			724.47		P	7.9
4	☐			727.80		P	9.4
5	☐			665.58		P	11.0
6	☐			684.47		P	6.2
7	☐			705.58		P	12.2
8	☐			756.70		P	7.5
9	☐			900.04		P	6.1

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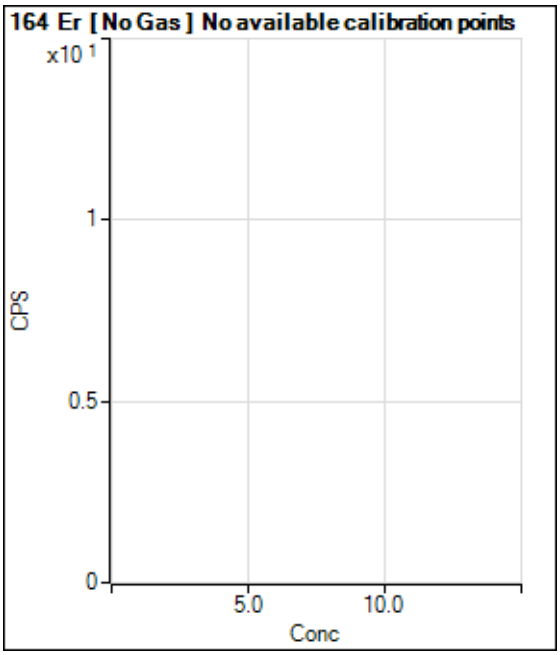
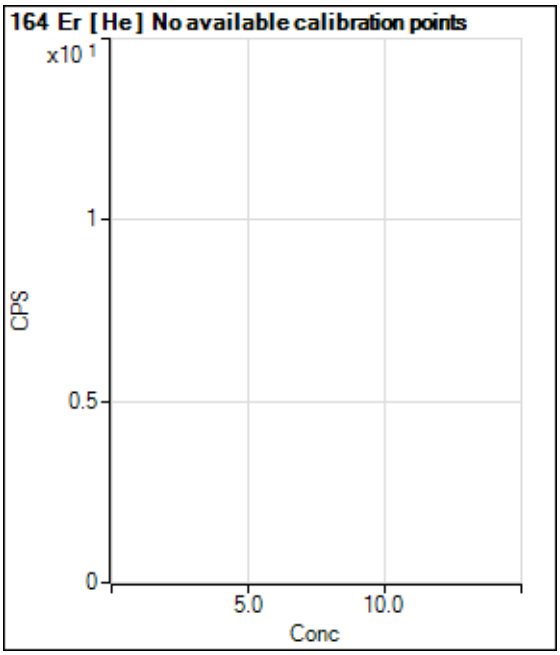


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			70.00		P	24.7
2	☐			75.56		P	6.7
3	☐			62.22		P	29.5
4	☐			67.78		P	10.2
5	☐			97.78		P	24.2
6	☐			105.56		P	23.7
7	☐			152.23		P	29.9
8	☐			225.56		P	10.5
9	☐			447.79		P	9.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			60.00		P	5.5
2	☐			51.11		P	16.4
3	☐			47.78		P	17.6
4	☐			63.33		P	29.3
5	☐			66.67		P	8.7
6	☐			75.56		P	24.3
7	☐			98.89		P	28.1
8	☐			186.67		P	20.6
9	☐			387.79		P	9.9

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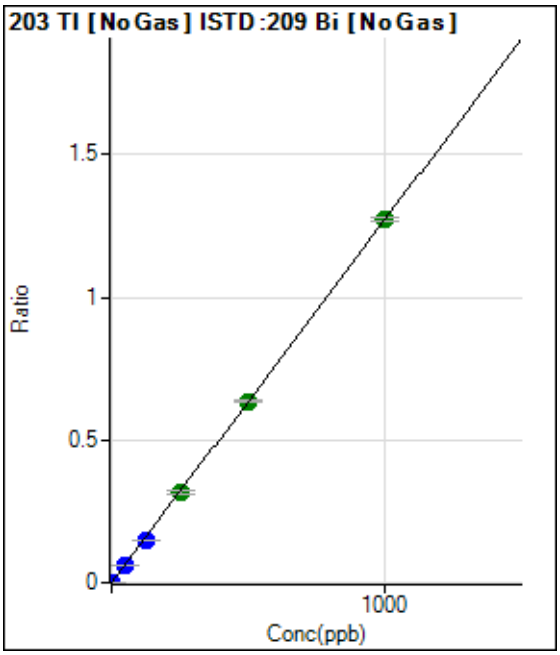
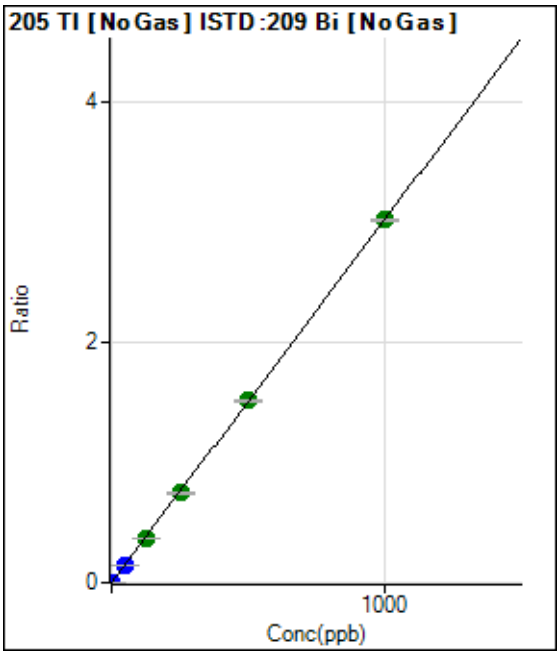


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	395.57	0.0000	P	9.2
2	☐	0.100	0.095	1524.55	0.0002	P	6.0
3	☐	1.000	1.020	12433.56	0.0013	P	2.5
4	☐	50.000	49.783	590322.23	0.0632	P	1.3
5	☐	125.000	118.446	1423239.77	0.1504	P	0.6
6	☐	250.000	248.266	2989412.32	0.3152	A	3.4
7	☐	500.000	500.133	5898253.52	0.6350	A	1.6
8	☐	1000.000	1001.197	11578462.33	1.2711	A	0.9
9	☐			2276.88	0.0003	P	14.8

y = 0.0013 * x + 4.3369E-005
R = 1.0000
DL = 0.009428
BEC = 0.03416

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	864.48	0.0001	P	9.1
2	☐	0.100	0.095	3551.61	0.0004	P	4.1
3	☐	1.000	1.008	29083.37	0.0031	P	2.8
4	☐	50.000	49.564	1395092.85	0.1495	P	1.5
5	☐	125.000	124.447	3549665.16	0.3751	A	0.0
6	☐	250.000	247.666	7080289.27	0.7465	A	2.2
7	☐	500.000	501.158	14030133.68	1.5104	A	1.5
8	☐	1000.000	1000.096	27455589.59	3.0141	A	0.6
9	☐			5522.33	0.0007	P	18.3

y = 0.0030 * x + 9.4699E-005
R = 1.0000
DL = 0.008625
BEC = 0.03142

Weight: <None>
Min Conc: 0

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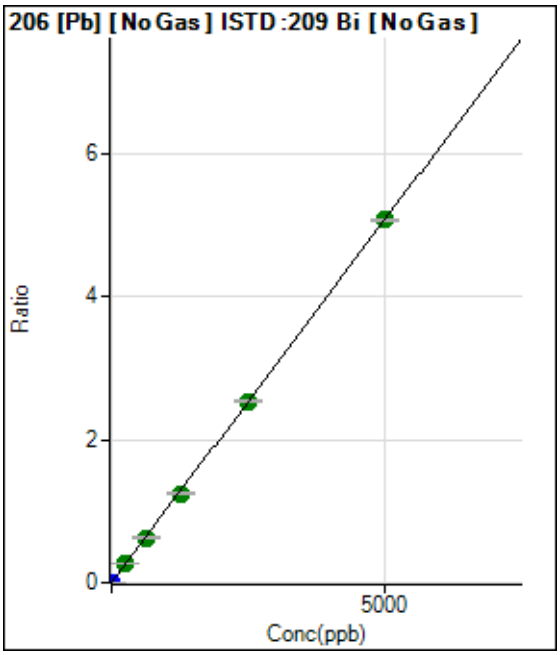
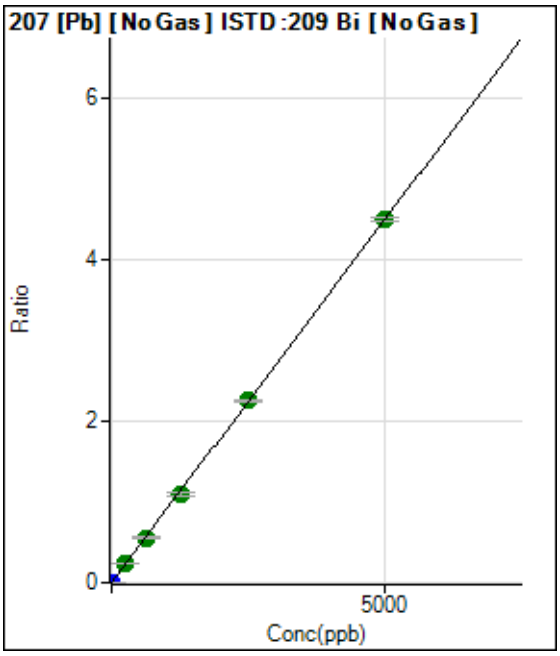


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.12	0.0000	P	9.7
2	☐	0.100	0.100	1360.09	0.0001	P	4.1
3	☐	1.000	1.008	9913.71	0.0011	P	2.7
4	☐	250.000	257.012	2434297.04	0.2608	A	1.9
5	☐	625.000	621.995	5972004.91	0.6311	A	0.9
6	☐	1250.000	1229.380	11829927.74	1.2474	A	2.9
7	☐	2500.000	2504.016	23599451.59	2.5406	A	1.4
8	☐	5000.000	5003.172	46239107.09	5.0762	A	0.5
9	☐			15381.10	0.0019	P	8.7

y = 0.0010 * x + 4.5071E-005
R = 1.0000
DL = 0.01288
BEC = 0.04442

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	356.68	0.0000	P	7.6
2	☐	0.100	0.097	1174.51	0.0001	P	2.3
3	☐	1.000	1.006	8755.12	0.0009	P	0.9
4	☐	250.000	257.651	2160061.16	0.2314	A	1.0
5	☐	625.000	621.403	5280202.87	0.5580	A	1.0
6	☐	1250.000	1226.407	10443915.47	1.1013	A	3.5
7	☐	2500.000	2507.652	20917200.10	2.2518	A	0.9
8	☐	5000.000	5002.139	40914903.56	4.4917	A	0.9
9	☐			13330.02	0.0016	P	9.7

y = 8.9795E-004 * x + 3.9078E-005
R = 1.0000
DL = 0.009932
BEC = 0.04352

Weight: <None>
Min Conc: 0

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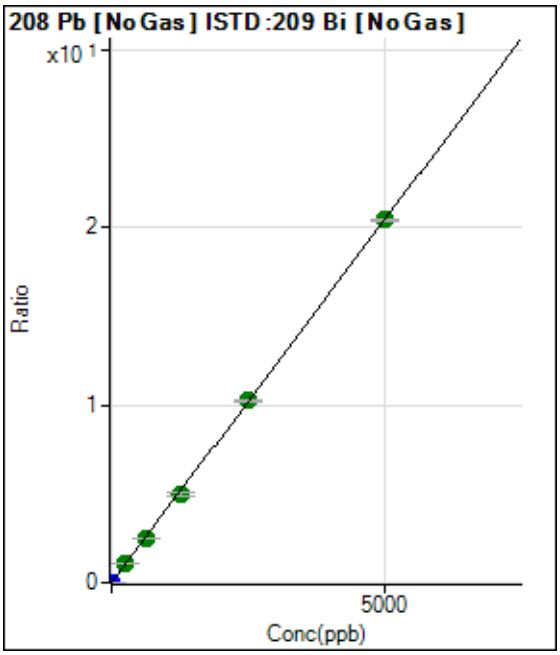
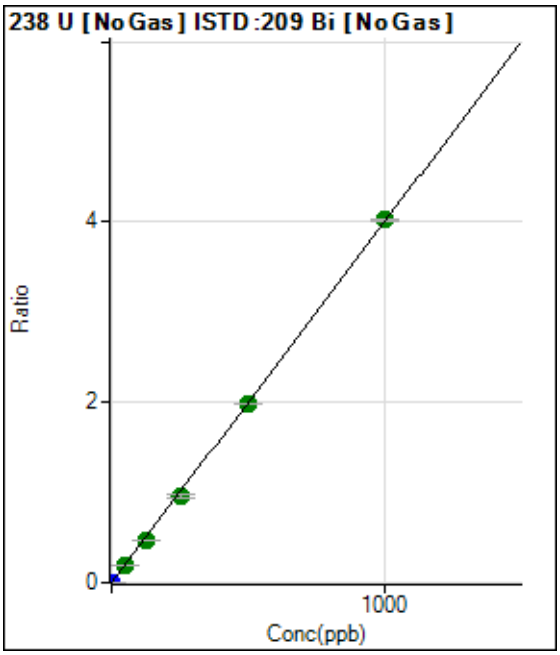


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1564.50	0.0002	P	3.1
2	☐	0.100	0.099	5344.92	0.0006	P	3.4
3	☐	1.000	1.000	39520.50	0.0043	P	2.7
4	☐	250.000	258.686	9867020.25	1.0571	A	1.0
5	☐	625.000	621.631	24033379.12	2.5399	A	0.3
6	☐	1250.000	1224.413	47443249.78	5.0026	A	3.2
7	☐	2500.000	2508.946	95220971.49	10.2508	A	0.9
8	☐	5000.000	5001.911	186152091.39	20.4360	A	0.6
9	☐			60666.79	0.0075	P	8.3

y = 0.0041 * x + 1.7147E-004
R = 1.0000
DL = 0.00385
BEC = 0.04197

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	56.7
2	☐	0.100	0.090	3363.80	0.0004	P	3.4
3	☐	1.000	0.928	34476.83	0.0037	P	2.7
4	☐	50.000	48.935	1827307.77	0.1958	A	2.4
5	☐	125.000	118.675	4492552.61	0.4748	A	1.0
6	☐	250.000	239.445	9084788.96	0.9580	A	3.5
7	☐	500.000	495.983	18432808.61	1.9843	A	0.9
8	☐	1000.000	1005.491	36644136.12	4.0228	A	0.9
9	☐			5260.05	0.0006	P	24.4

y = 0.0040 * x + 1.3380E-006
R = 0.9999
DL = 0.0005685
BEC = 0.0003344

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
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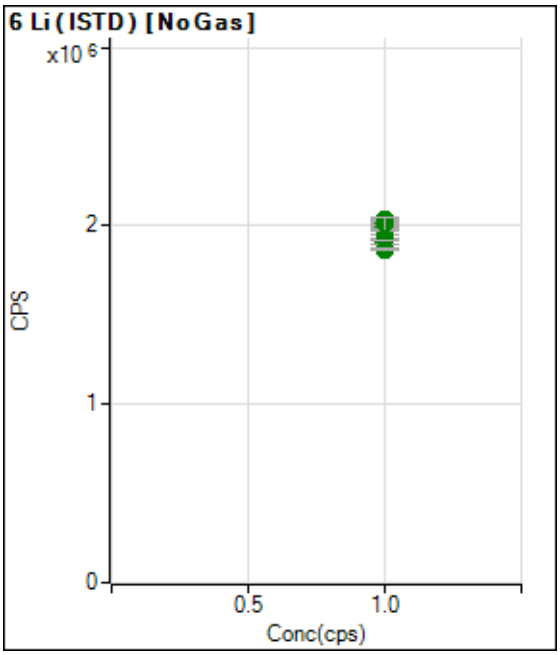

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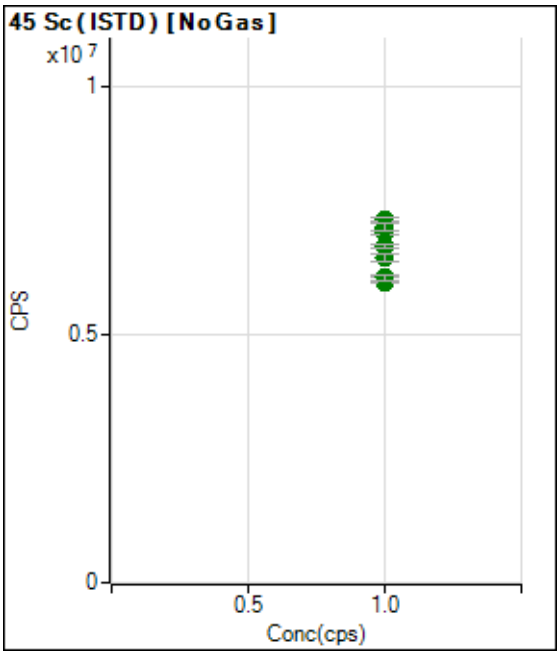
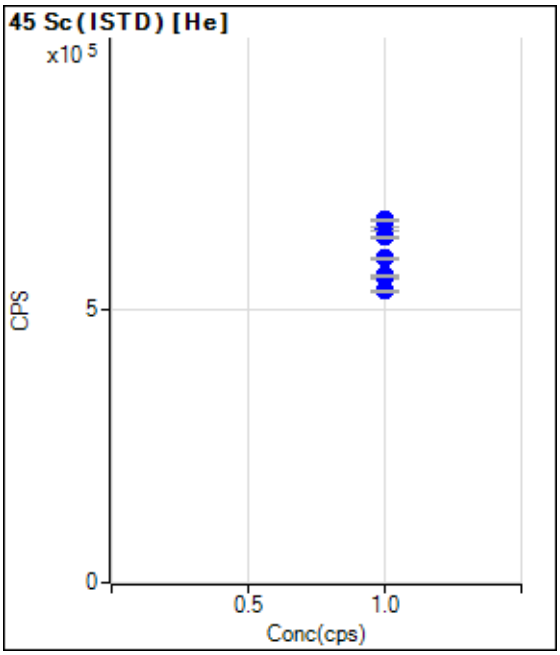
1	☐	1.000		1954229.99		A	0.2
2	☐	1.000		1974647.30		A	5.5
3	☐	1.000		2008203.55		A	1.3
4	☐	1.000		2033670.73		A	0.4
5	☐	1.000		1994896.78		A	1.1
6	☐	1.000		2010796.34		A	3.3
7	☐	1.000		1924923.62		A	0.8
8	☐	1.000		1906867.00		A	0.8
9	☐	1.000		1865885.91		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7066083.02		A	1.0
2	☐	1.000		7159420.80		A	3.9
3	☐	1.000		7322207.46		A	1.1
4	☐	1.000		7180610.03		A	1.8
5	☐	1.000		6783289.69		A	1.3
6	☐	1.000		6571435.53		A	2.3
7	☐	1.000		6184504.28		A	0.4
8	☐	1.000		6072434.21		A	0.6
9	☐	1.000		6155588.73		A	1.9

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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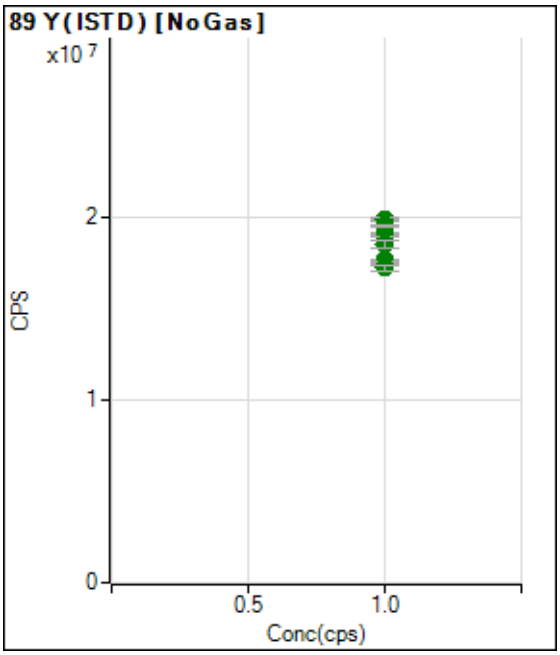
1	☐	1.000		645578.91		P	0.8
2	☐	1.000		662554.35		P	0.1
3	☐	1.000		661361.55		P	0.8
4	☐	1.000		631213.47		P	0.8
5	☐	1.000		591752.27		P	0.2
6	☐	1.000		557451.76		P	0.6
7	☐	1.000		532153.28		P	0.5
8	☐	1.000		532525.87		P	0.7
9	☐	1.000		561056.34		P	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19142123.47		A	0.4
2	☐	1.000		19513656.79		A	4.2
3	☐	1.000		19877604.43		A	0.9
4	☐	1.000		19560334.99		A	0.6
5	☐	1.000		18968148.47		A	0.4
6	☐	1.000		18551159.31		A	2.1
7	☐	1.000		17718931.68		A	0.3
8	☐	1.000		17567176.27		A	0.9
9	☐	1.000		17239538.63		A	1.4

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
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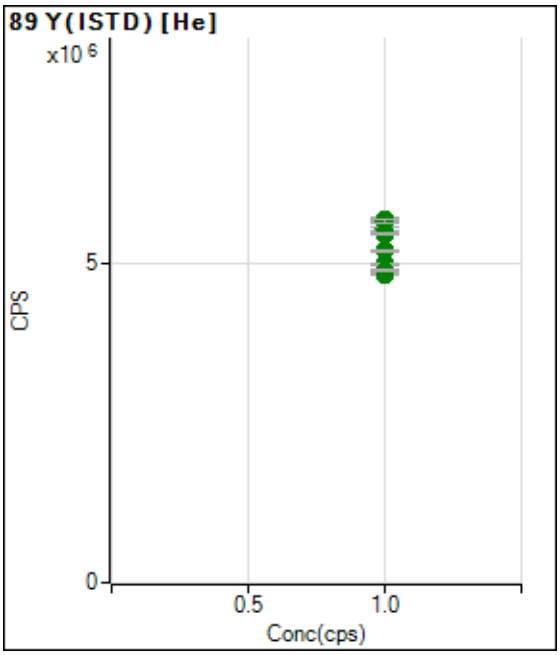

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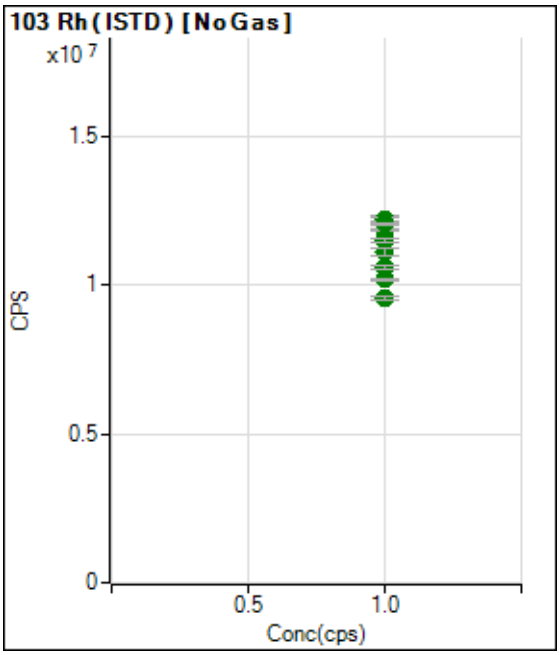
1	☐	1.000		5547282.49		A	1.1
2	☐	1.000		5691696.44		A	0.9
3	☐	1.000		5660092.35		A	1.0
4	☐	1.000		5467609.22		A	0.6
5	☐	1.000		5204723.15		A	0.3
6	☐	1.000		5000839.48		A	0.3
7	☐	1.000		4836009.93		A	0.3
8	☐	1.000		4839362.74		A	0.3
9	☐	1.000		4898951.97		A	1.0



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1	☐	1.000		11834991.35		A	0.7
2	☐	1.000		12091493.43		A	4.1
3	☐	1.000		12187458.71		A	1.0
4	☐	1.000		12052011.35		A	0.2
5	☐	1.000		11482968.58		A	1.0
6	☐	1.000		11124629.28		A	2.2
7	☐	1.000		10617759.98		A	1.2
8	☐	1.000		10204709.92		A	0.7
9	☐	1.000		9563276.25		A	1.7

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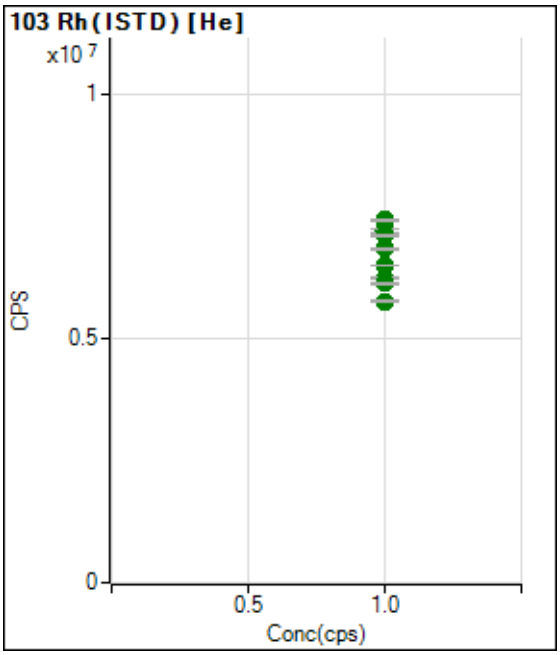

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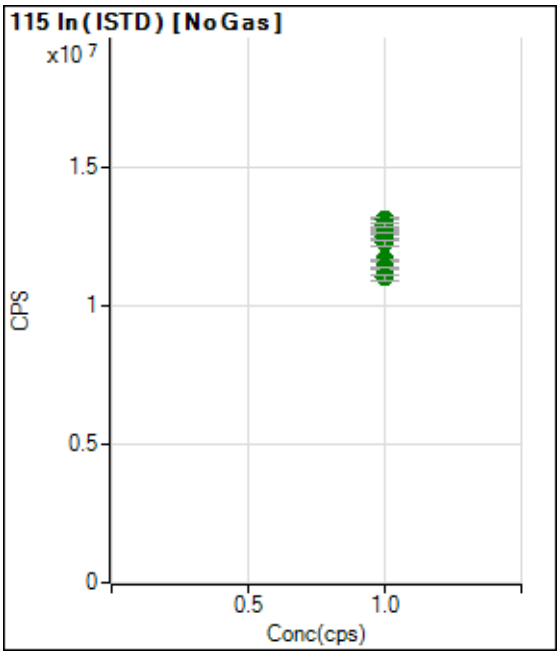
1	☐	1.000		7206836.77		A	1.1
2	☐	1.000		7442425.03		A	0.4
3	☐	1.000		7421020.17		A	0.6
4	☐	1.000		7127492.33		A	0.5
5	☐	1.000		6847515.11		A	0.2
6	☐	1.000		6517312.47		A	0.3
7	☐	1.000		6251640.11		A	0.5
8	☐	1.000		6137036.23		A	0.6
9	☐	1.000		5778428.04		A	0.6



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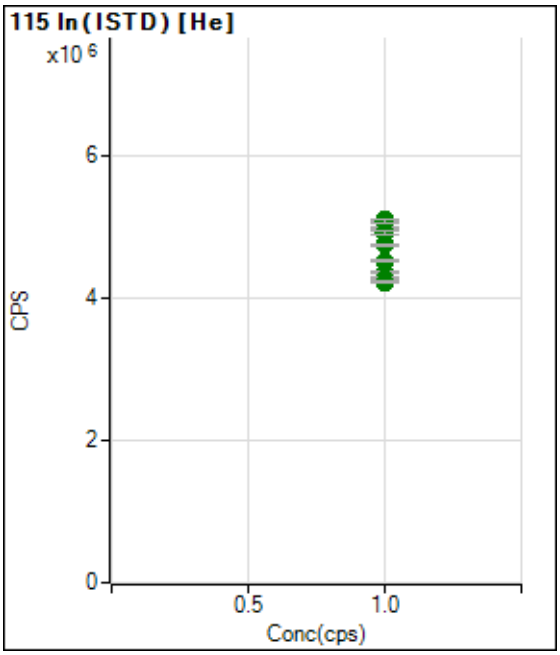
1	☐	1.000		12704592.99		A	0.5
2	☐	1.000		12842685.66		A	4.4
3	☐	1.000		13073276.15		A	1.7
4	☐	1.000		12899935.69		A	0.9
5	☐	1.000		12492072.90		A	1.6
6	☐	1.000		12243802.29		A	1.9
7	☐	1.000		11627350.53		A	0.7
8	☐	1.000		11355868.92		A	0.7
9	☐	1.000		10989382.13		A	1.9

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7



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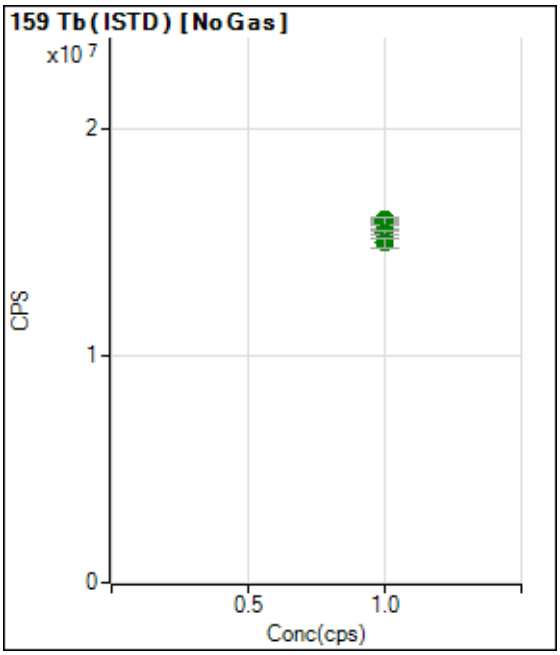
1	☐	1.000		4991854.58		A	0.3
2	☐	1.000		5108322.07		A	0.2
3	☐	1.000		5086472.18		A	1.1
4	☐	1.000		4935463.34		A	0.9
5	☐	1.000		4757380.33		A	0.5
6	☐	1.000		4526024.33		A	0.6
7	☐	1.000		4362086.70		A	0.7
8	☐	1.000		4288788.97		A	1.0
9	☐	1.000		4233187.28		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15557257.54		A	0.5
2	☐	1.000		15739112.96		A	3.1
3	☐	1.000		15901546.29		A	1.3
4	☐	1.000		15956250.04		A	1.4
5	☐	1.000		15795988.37		A	1.4
6	☐	1.000		15864968.37		A	2.2
7	☐	1.000		15396063.11		A	0.9
8	☐	1.000		15398879.63		A	0.8
9	☐	1.000		14951142.14		A	2.8

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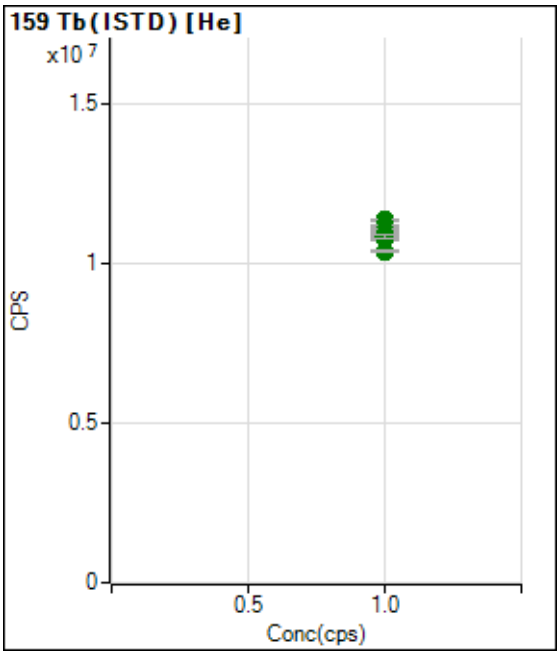

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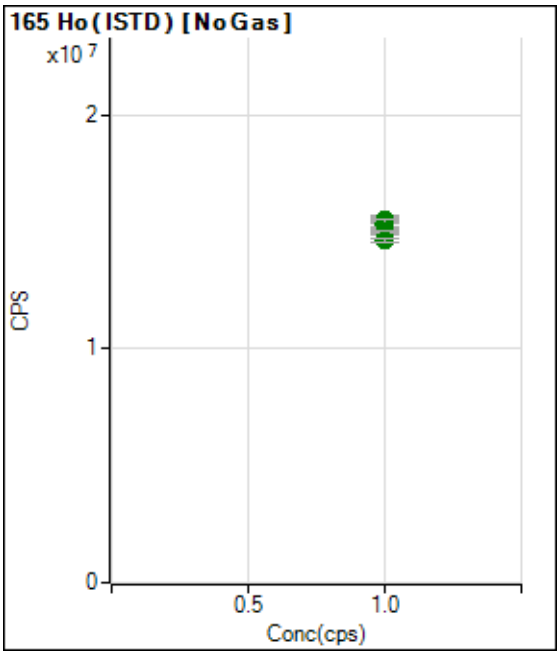
1	☐	1.000		11134491.64		A	1.5
2	☐	1.000		11348718.44		A	0.2
3	☐	1.000		11355734.83		A	0.5
4	☐	1.000		11168428.03		A	0.8
5	☐	1.000		11034654.42		A	0.7
6	☐	1.000		10871213.03		A	1.2
7	☐	1.000		10758457.34		A	0.7
8	☐	1.000		10836914.00		A	1.4
9	☐	1.000		10377935.05		A	0.2



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1	☐	1.000		15049907.55		A	1.2
2	☐	1.000		15433620.60		A	3.8
3	☐	1.000		15520439.63		A	0.9
4	☐	1.000		15462475.60		A	0.2
5	☐	1.000		15303541.02		A	1.6
6	☐	1.000		15404327.13		A	2.0
7	☐	1.000		14945162.97		A	0.9
8	☐	1.000		15023385.05		A	0.8
9	☐	1.000		14642874.36		A	1.6

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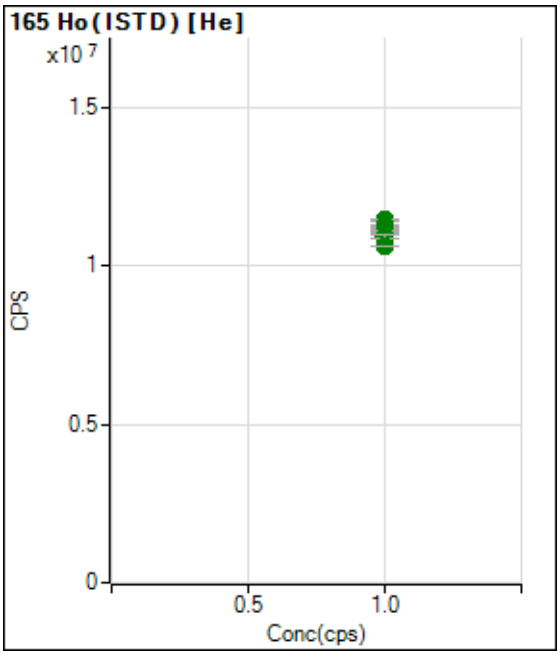
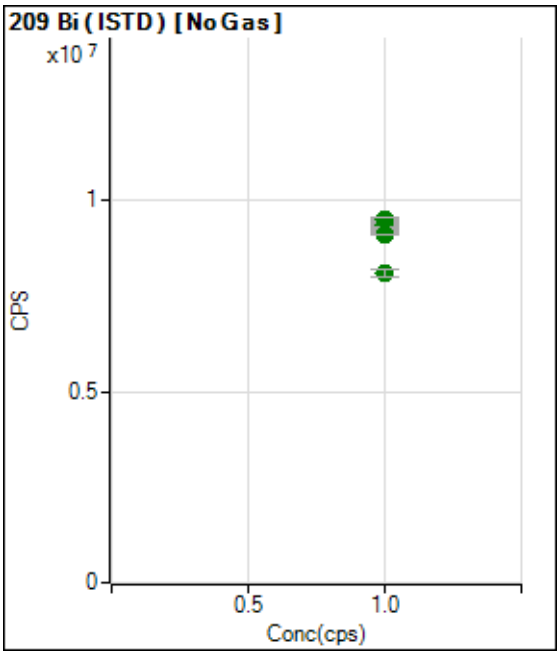


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11301950.39		A	0.3
2	☐	1.000		11454861.22		A	0.4
3	☐	1.000		11454848.58		A	0.4
4	☐	1.000		11288924.28		A	0.6
5	☐	1.000		11200243.03		A	0.4
6	☐	1.000		11081016.50		A	1.0
7	☐	1.000		10937840.67		A	1.0
8	☐	1.000		10942257.20		A	0.9
9	☐	1.000		10616400.54		A	0.4



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1	☐	1.000		9125728.82		A	1.0
2	☐	1.000		9298815.35		A	3.2
3	☐	1.000		9289061.39		A	1.8
4	☐	1.000		9334993.47		A	1.1
5	☐	1.000		9462342.22		A	0.6
6	☐	1.000		9487420.56		A	1.9
7	☐	1.000		9289463.82		A	0.7
8	☐	1.000		9109079.24		A	0.3
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Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
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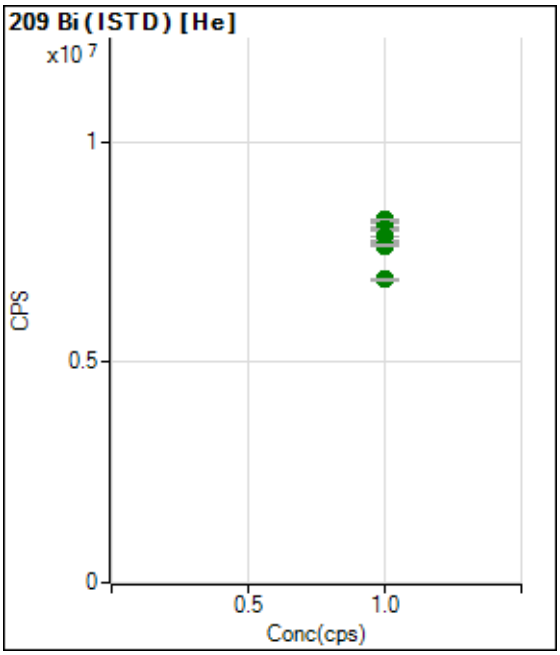

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1	☐	1.000		8042339.32		A	0.2
2	☐	1.000		8164720.85		A	0.2
3	☐	1.000		8222814.11		A	0.8
4	☐	1.000		8036748.01		A	0.7
5	☐	1.000		7997045.58		A	0.4
6	☐	1.000		7856967.04		A	0.2
7	☐	1.000		7737623.98		A	0.9
8	☐	1.000		7635777.04		A	0.8
9	☐	1.000		6868709.13		A	1.1

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7122724 MS.b
Acq. Date-Time	2024-12-27 14:06:19
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		7580	75803.39			0.717	5.000
24		231619	2316189.72			1.081	5.000
25		27022	270220.07			1.000	5.000
26		30226	302258.11			0.734	5.000
59		85217	852172.78			0.655	5.000
113		11634	116341.16			0.515	5.000
115		147247	1472470.40			0.189	5.000
206		29800	298000.81			0.889	5.000
207		26070	260703.37			0.686	5.000
208		62774	627738.82			0.739	5.000
220		0	2.20			41.286	

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

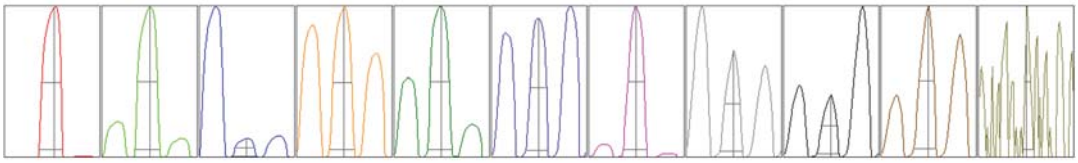
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7587	7490	7581	7617	7628
24	229970	229225	232129	231138	235634
25	26895	26696	26967	27138	27414
26	30120	29899	30274	30382	30455
59	84592	84700	85536	85358	85900
113	11736	11576	11613	11622	11624
115	147254	147615	147353	147160	146853
206	30180	29495	29897	29813	29615
207	26366	25895	26085	26011	25995
208	63552	62615	62798	62556	62348

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	13234.48	9.10	8.90 - 9.10	
24	391759.50	24.05	23.90 - 24.10	
25	47328.22	25.00	24.90 - 25.10	
26	53673.18	26.00	25.90 - 26.10	
59	148661.63	59.00	58.90 - 59.10	
113	22892.17	113.00	112.90 - 113.10	
115	293353.03	115.00	114.90 - 115.10	
206	64693.15	206.00	205.90 - 206.10	
207	56007.85	207.00	206.90 - 207.10	
208	135488.46	208.00	207.90 - 208.10	
220	0.50	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.735	0.900	
24	0.62	0.783	0.900	
25	0.60	0.756	0.900	
26	0.59	0.796	0.900	
59	0.59	0.776	0.900	
113	0.52	0.703	0.900	
115	0.51	0.753	0.900	
206	0.48	0.727	0.900	
207	0.48	0.701	0.900	
208	0.48	0.717	0.900	
220	0.19	0.335		

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	15.8 V
Extract 2	-135.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

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

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm		

EM

Discriminator	4.7 mV	Analog HV	2256 V	Pulse HV	1044 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27750	277502.26			0.446	
89		51369	513686.76			0.581	
205		33682	336823.67			0.786	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	27880	27832	27799	27646	27593
89	51491	51588	51665	51073	51026
205	33959	33872	33779	33391	33411

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	8.9 V	Deflect	3.2 V

US EPA Tune Check Report

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7
ClientSampleId :TUNE002

Extract 2	-150.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-75 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm		

EM

Discriminator	4.7 mV	Analog HV	2256 V	Pulse HV	1044 V

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:36:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	0.62	0.11	-0.73	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Calcium	43-1	0.61	0.33	-0.94	0.00	N/A	ppb
Calcium	44-1	-0.12	-0.08	0.21	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	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-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	-0.14	-0.09	0.23	0.00	N/A	ppb
Iron	57-2	-1.07	0.40	0.68	0.00	N/A	ppb
Iron	54-2	-0.11	0.32	-0.21	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:36:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.06	-0.13	0.19	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-15.18	-12.41	-15.23	-14.28		ppb
Potassium	39-2	-1.70	1.45	0.25	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.08	-0.18	0.27	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.42	0.40	0.00	N/A	ppb
Silicon	28-1	-0.21	0.03	0.19	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.29	-0.15	-0.14	0.00	N/A	ppb
Strontium	86-1	0.02	0.08	-0.10	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sulfur	34-1	-11.00	6.20	-47.22	-17.34		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:36:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:46:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.53	2.53	2.39	2.48	3.36	ppb
Antimony	121-1	0.22	0.24	0.23	0.23	4.96	ppb
Arsenic	75-2	0.11	0.15	0.10	0.12	21.75	ppb
Barium	135-1	1.07	1.13	1.05	1.08	3.59	ppb
Barium	137-1	1.08	1.12	1.05	1.08	3.21	ppb
Beryllium	9-1	0.13	0.14	0.10	0.12	14.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.05	0.17	0.14	52.30	ppb
Cadmium	106-1	1.08	0.52	0.03	0.54	96.27	ppb
Cadmium	111-1	Rejected	Rejected	Rejected			ppb
Calcium	43-1	55.55	62.22	56.73	58.17	6.12	ppb
Calcium	44-1	56.79	62.40	56.58	58.59	5.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.21	0.19	0.19	5.58	ppb
Cobalt	59-2	0.12	0.12	0.11	0.11	6.17	ppb
Copper	63-2	0.21	0.23	0.20	0.21	6.59	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				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	5.42	5.48	5.29	5.40	1.77	ppb
Iron	57-2	5.85	6.37	5.46	5.89	7.72	ppb
Iron	54-2	6.37	5.89	5.63	5.97	6.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:46:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.10	0.10	0.10	5.92	ppb
Lead	207-1	0.10	0.10	0.09	0.10	3.36	ppb
Lead	208-1	0.10	0.10	0.10	0.10	4.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	52.96	54.11	53.13	53.40	1.16	ppb
Manganese	55-2	0.09	0.11	0.11	0.10	11.50	ppb
Molybdenum	94-1	0.59	0.66	0.58	0.61	7.07	ppb
Molybdenum	95-1	0.50	0.55	0.52	0.52	4.94	ppb
Molybdenum	96-1	0.53	0.56	0.54	0.54	3.24	ppb
Molybdenum	97-1	0.54	0.58	0.49	0.54	9.10	ppb
Molybdenum	98-1	0.51	0.56	0.48	0.51	7.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.14	0.08	0.10	30.72	ppb
Phosphorus	31-2	-10.00	-11.61	-11.89	-11.17		ppb
Potassium	39-2	53.56	55.23	53.70	54.16	1.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.70	0.47	0.31	0.49	39.58	ppb
Selenium	77-2	0.75	0.76	0.15	0.56	63.06	ppb
Selenium	78-2	0.63	-0.15	1.19	0.56	121.37	ppb
Silicon	28-1	0.44	1.82	-0.16	0.70	144.56	ppb
Silver	107-1	0.11	0.11	0.10	0.11	5.56	ppb
Silver	109-1	0.10	0.12	0.11	0.11	6.69	ppb
Sodium	23-2	49.90	48.91	48.41	49.07	1.55	ppb
Strontium	86-1	2.41	3.13	2.74	2.76	12.95	ppb
Strontium	88-1	2.63	2.83	2.64	2.70	4.31	ppb
Sulfur	34-1	-52.80	204.03	-153.04	-0.61		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.10	0.09	0.10	8.16	ppb
Thallium	205-1	0.09	0.10	0.09	0.10	5.49	ppb
Tin	118-1	0.58	0.62	0.57	0.59	4.26	ppb
Titanium	47-1	0.56	0.61	0.53	0.56	7.77	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:46:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.09	0.09	0.09	3.45	ppb
Vanadium	51-2	0.56	0.52	0.51	0.53	4.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	0.51	0.59	0.62	0.57	9.61	ppb
Zirconium	90-1	0.09	0.10	0.10	0.10	6.20	ppb
Zirconium	91-1	0.09	0.10	0.10	0.10	2.62	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:49:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.01	19.86	19.31	19.73	1.87	ppb
Antimony	121-1	2.13	2.23	2.23	2.20	2.72	ppb
Arsenic	75-2	1.17	1.42	1.27	1.29	9.97	ppb
Barium	135-1	10.63	10.88	10.87	10.79	1.30	ppb
Barium	137-1	10.66	10.93	10.85	10.81	1.25	ppb
Beryllium	9-1	1.08	1.16	1.12	1.12	3.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.23	1.14	1.31	1.22	6.92	ppb
Cadmium	106-1	1.67	1.95	1.77	1.80	8.05	ppb
Cadmium	111-1	1.17	1.27	1.18	1.21	4.66	ppb
Calcium	43-1	539.20	546.16	547.71	544.36	0.83	ppb
Calcium	44-1	548.70	555.46	565.83	556.66	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.18	2.15	2.05	2.13	3.31	ppb
Cobalt	59-2	1.11	1.13	1.09	1.11	1.67	ppb
Copper	63-2	2.11	2.04	2.02	2.06	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				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	56.86	57.31	56.35	56.84	0.85	ppb
Iron	57-2	58.28	60.96	59.65	59.63	2.25	ppb
Iron	54-2	59.05	59.09	57.64	58.59	1.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:49:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.98	1.03	1.01	1.01	2.85	ppb
Lead	207-1	1.01	0.99	1.01	1.01	0.95	ppb
Lead	208-1	0.97	1.01	1.02	1.00	2.79	ppb
Lithium	6-1				103		%
Magnesium	24-2	532.66	542.33	526.48	533.82	1.50	ppb
Manganese	55-2	1.05	1.02	1.01	1.03	1.73	ppb
Molybdenum	94-1	5.88	6.31	6.25	6.15	3.77	ppb
Molybdenum	95-1	5.19	5.26	5.22	5.23	0.68	ppb
Molybdenum	96-1	5.29	5.33	5.28	5.30	0.50	ppb
Molybdenum	97-1	5.28	5.26	5.31	5.28	0.52	ppb
Molybdenum	98-1	5.10	5.25	5.20	5.18	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.13	1.00	1.08	6.24	ppb
Phosphorus	31-2	26.27	29.28	20.78	25.44	16.93	ppb
Potassium	39-2	542.57	557.95	544.68	548.40	1.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	5.57	5.66	5.37	5.53	2.71	ppb
Selenium	77-2	6.63	4.75	4.75	5.37	20.20	ppb
Selenium	78-2	6.22	7.14	6.63	6.66	6.85	ppb
Silicon	28-1	1.02	1.18	1.25	1.15	10.14	ppb
Silver	107-1	1.13	1.13	1.11	1.12	1.00	ppb
Silver	109-1	1.09	1.12	1.15	1.12	2.50	ppb
Sodium	23-2	494.64	501.81	487.63	494.69	1.43	ppb
Strontium	86-1	26.84	25.78	27.69	26.77	3.57	ppb
Strontium	88-1	26.22	26.62	26.42	26.42	0.76	ppb
Sulfur	34-1	-71.20	30.33	94.70	17.94	466.09	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.00	1.01	1.05	1.02	2.59	ppb
Thallium	205-1	0.97	1.03	1.02	1.01	2.88	ppb
Tin	118-1	5.58	5.72	5.58	5.63	1.45	ppb
Titanium	47-1	5.27	5.27	5.33	5.29	0.58	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:49:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.95	0.93	0.93	2.72	ppb
Vanadium	51-2	5.41	5.47	5.43	5.44	0.60	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5.22	5.50	5.29	5.34	2.75	ppb
Zirconium	90-1	1.00	1.02	1.00	1.01	1.41	ppb
Zirconium	91-1	0.96	1.07	1.03	1.02	5.51	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:52:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	989.98	990.42	988.12	989.51	0.12	ppb
Antimony	121-1	53.39	52.48	53.85	53.24	1.31	ppb
Arsenic	75-2	55.44	54.46	55.31	55.07	0.97	ppb
Barium	135-1	258.91	258.11	265.02	260.68	1.45	ppb
Barium	137-1	262.12	262.17	269.53	264.61	1.61	ppb
Beryllium	9-1	53.59	53.52	54.37	53.83	0.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	57.63	56.47	58.45	57.52	1.73	ppb
Cadmium	106-1	59.88	58.57	59.01	59.15	1.13	ppb
Cadmium	111-1	55.21	55.28	56.51	55.67	1.31	ppb
Calcium	43-1	5432.41	5415.55	5612.40	5486.79	1.99	ppb
Calcium	44-1	5290.03	5267.50	5391.66	5316.40	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.70	51.99	51.76	51.82	0.30	ppb
Cobalt	59-2	51.96	52.18	52.00	52.05	0.23	ppb
Copper	63-2	551.93	548.22	542.19	547.45	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2749.16	2724.96	2741.56	2738.56	0.45	ppb
Iron	57-2	2750.75	2764.99	2765.96	2760.57	0.31	ppb
Iron	54-2	2789.36	2805.58	2805.55	2800.16	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:52:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	253.15	262.39	255.50	257.01	1.87	ppb
Lead	207-1	258.35	259.67	254.93	257.65	0.95	ppb
Lead	208-1	256.71	261.50	257.85	258.69	0.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	5224.83	5261.50	5243.89	5243.41	0.35	ppb
Manganese	55-2	523.05	528.65	522.05	524.58	0.68	ppb
Molybdenum	94-1	529.29	523.23	519.46	523.99	0.95	ppb
Molybdenum	95-1	529.49	520.20	523.72	524.47	0.89	ppb
Molybdenum	96-1	523.59	524.56	523.64	523.93	0.10	ppb
Molybdenum	97-1	528.12	524.77	535.18	529.36	1.00	ppb
Molybdenum	98-1	522.09	520.60	523.57	522.09	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.78	53.54	53.91	53.74	0.35	ppb
Phosphorus	31-2	1063.60	1099.63	1062.08	1075.10	1.98	ppb
Potassium	39-2	2641.06	2624.07	2672.66	2645.93	0.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	54.54	56.14	56.08	55.59	1.63	ppb
Selenium	77-2	58.79	55.91	56.20	56.97	2.78	ppb
Selenium	78-2	56.48	53.72	58.00	56.07	3.87	ppb
Silicon	28-1	62.95	62.31	64.32	63.19	1.63	ppb
Silver	107-1	57.03	56.46	58.26	57.25	1.61	ppb
Silver	109-1	56.65	56.49	57.96	57.03	1.41	ppb
Sodium	23-2	5223.93	5288.54	5253.17	5255.21	0.62	ppb
Strontium	86-1	1274.03	1286.46	1283.82	1281.44	0.51	ppb
Strontium	88-1	1324.15	1316.76	1331.98	1324.29	0.57	ppb
Sulfur	34-1	1095.85	1029.41	1168.33	1097.86	6.33	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	49.11	50.35	49.89	49.78	1.26	ppb
Thallium	205-1	48.88	50.39	49.43	49.56	1.54	ppb
Tin	118-1	53.67	53.16	54.91	53.91	1.66	ppb
Titanium	47-1	509.08	507.22	519.30	511.87	1.27	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:52:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.78	50.10	48.93	48.93	2.37	ppb
Vanadium	51-2	51.73	51.44	51.50	51.56	0.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	526.01	529.66	529.89	528.52	0.41	ppb
Zirconium	90-1	50.78	51.12	50.84	50.91	0.35	ppb
Zirconium	91-1	50.89	51.36	51.55	51.27	0.66	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:55:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2402.39	2373.71	2362.59	2379.56	0.86	ppb
Antimony	121-1	124.36	126.71	126.64	125.90	1.06	ppb
Arsenic	75-2	131.53	129.67	130.51	130.57	0.71	ppb
Barium	135-1	638.24	653.45	661.22	650.97	1.80	ppb
Barium	137-1	642.01	651.97	654.89	649.62	1.04	ppb
Beryllium	9-1	127.96	128.29	129.73	128.66	0.73	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.68	136.47	136.30	135.48	1.16	ppb
Cadmium	106-1	132.68	139.20	136.52	136.13	2.41	ppb
Cadmium	111-1	129.70	131.38	132.43	131.17	1.05	ppb
Calcium	43-1	13057.49	13258.71	13259.10	13191.77	0.88	ppb
Calcium	44-1	12909.46	12912.44	12785.93	12869.28	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.16	123.84	123.54	124.18	0.69	ppb
Cobalt	59-2	125.03	125.43	124.32	124.93	0.45	ppb
Copper	63-2	1318.65	1297.54	1290.68	1302.29	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	6599.57	6504.92	6514.54	6539.67	0.80	ppb
Iron	57-2	6663.56	6646.13	6581.22	6630.30	0.65	ppb
Iron	54-2	6667.98	6654.08	6674.66	6665.57	0.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:55:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	622.24	627.77	615.98	622.00	0.95	ppb
Lead	207-1	627.75	615.62	620.84	621.40	0.98	ppb
Lead	208-1	623.06	619.75	622.08	621.63	0.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	12409.87	12427.24	12412.63	12416.58	0.08	ppb
Manganese	55-2	1249.99	1253.61	1247.13	1250.24	0.26	ppb
Molybdenum	94-1	1280.65	1259.54	1224.23	1254.81	2.27	ppb
Molybdenum	95-1	1277.18	1271.46	1226.72	1258.45	2.20	ppb
Molybdenum	96-1	1275.73	1267.01	1245.31	1262.68	1.24	ppb
Molybdenum	97-1	1281.33	1264.56	1244.04	1263.31	1.48	ppb
Molybdenum	98-1	1276.77	1258.92	1245.21	1260.30	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.27	125.80	125.94	126.67	1.09	ppb
Phosphorus	31-2	2582.66	2611.59	2512.44	2568.90	1.98	ppb
Potassium	39-2	6325.51	6234.52	6249.73	6269.92	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	129.88	132.19	130.13	130.73	0.97	ppb
Selenium	77-2	133.00	135.37	128.16	132.18	2.78	ppb
Selenium	78-2	130.93	137.92	131.72	133.52	2.87	ppb
Silicon	28-1	138.64	141.03	138.58	139.42	1.00	ppb
Silver	107-1	135.94	136.54	138.44	136.97	0.95	ppb
Silver	109-1	137.35	136.67	138.22	137.42	0.56	ppb
Sodium	23-2	12500.61	12451.26	12447.38	12466.42	0.24	ppb
Strontium	86-1	3106.98	3096.74	3033.75	3079.16	1.29	ppb
Strontium	88-1	3158.69	3164.12	3164.20	3162.34	0.10	ppb
Sulfur	34-1	2596.83	2587.83	2591.12	2591.92	0.18	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	117.70	118.51	119.13	118.45	0.60	ppb
Thallium	205-1	124.43	124.40	124.51	124.45	0.05	ppb
Tin	118-1	125.61	127.85	128.61	127.36	1.22	ppb
Titanium	47-1	1263.19	1285.19	1258.54	1268.97	1.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:55:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.99	117.37	119.66	118.67	0.99	ppb
Vanadium	51-2	124.31	123.31	122.79	123.47	0.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	1282.37	1267.26	1266.73	1272.12	0.70	ppb
Zirconium	90-1	125.89	127.28	126.65	126.61	0.55	ppb
Zirconium	91-1	123.60	122.60	121.85	122.69	0.72	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:58:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5033.80	4965.76	4880.71	4960.09	1.55	ppb
Antimony	121-1	244.45	252.44	259.75	252.22	3.03	ppb
Arsenic	75-2	256.57	256.04	255.81	256.14	0.15	ppb
Barium	135-1	1228.47	1244.10	1284.03	1252.20	2.29	ppb
Barium	137-1	1229.27	1274.77	1296.98	1267.01	2.72	ppb
Beryllium	9-1	236.40	246.70	256.09	246.39	4.00	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	252.22	266.41	265.75	261.46	3.06	ppb
Cadmium	106-1	248.63	262.99	267.46	259.69	3.79	ppb
Cadmium	111-1	244.64	256.32	257.42	252.79	2.80	ppb
Calcium	43-1	25061.00	25943.75	26255.99	25753.58	2.41	ppb
Calcium	44-1	24516.44	25340.76	25779.18	25212.12	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.49	247.11	245.15	245.92	0.43	ppb
Cobalt	59-2	253.07	255.78	252.94	253.93	0.63	ppb
Copper	63-2	2585.11	2587.04	2575.52	2582.56	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				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	13007.53	13169.15	12983.25	13053.31	0.77	ppb
Iron	57-2	13291.77	13051.88	13085.39	13143.02	0.99	ppb
Iron	54-2	13372.47	13207.93	13233.59	13271.33	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:58:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1188.92	1248.38	1250.85	1229.38	2.85	ppb
Lead	207-1	1177.38	1256.98	1244.86	1226.41	3.50	ppb
Lead	208-1	1179.24	1247.02	1246.98	1224.41	3.20	ppb
Lithium	6-1				103		%
Magnesium	24-2	24868.48	25027.43	25129.39	25008.43	0.53	ppb
Manganese	55-2	2504.74	2517.92	2476.37	2499.68	0.85	ppb
Molybdenum	94-1	2435.82	2488.76	2496.96	2473.85	1.34	ppb
Molybdenum	95-1	2396.64	2526.86	2494.00	2472.50	2.74	ppb
Molybdenum	96-1	2421.50	2539.74	2511.76	2491.00	2.48	ppb
Molybdenum	97-1	2414.34	2518.41	2508.31	2480.35	2.31	ppb
Molybdenum	98-1	2415.47	2500.17	2488.84	2468.16	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.59	250.18	249.66	250.14	0.19	ppb
Phosphorus	31-2	5098.25	5208.70	4987.32	5098.09	2.17	ppb
Potassium	39-2	12653.57	12457.11	12493.27	12534.65	0.83	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				86		%
Selenium	82-1	250.06	260.85	259.60	256.83	2.30	ppb
Selenium	77-2	272.89	252.77	267.55	264.40	3.94	ppb
Selenium	78-2	262.75	265.60	258.60	262.32	1.34	ppb
Silicon	28-1	258.31	264.98	270.22	264.50	2.26	ppb
Silver	107-1	254.02	262.22	265.57	260.60	2.28	ppb
Silver	109-1	256.55	265.48	264.71	262.25	1.89	ppb
Sodium	23-2	25097.90	25348.89	25105.48	25184.09	0.57	ppb
Strontium	86-1	5862.32	6127.05	6111.22	6033.53	2.46	ppb
Strontium	88-1	6055.95	6308.38	6254.49	6206.27	2.14	ppb
Sulfur	34-1	4622.45	4830.99	4919.67	4791.04	3.18	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	238.84	255.16	250.80	248.27	3.40	ppb
Thallium	205-1	241.63	249.42	251.95	247.67	2.17	ppb
Tin	118-1	245.99	255.02	258.60	253.20	2.57	ppb
Titanium	47-1	2366.25	2472.22	2513.94	2450.80	3.11	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:58:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	229.80	244.83	243.71	239.44	3.50	ppb
Vanadium	51-2	244.52	245.71	244.46	244.90	0.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	2583.12	2592.17	2554.02	2576.44	0.77	ppb
Zirconium	90-1	240.55	250.34	246.62	245.84	2.01	ppb
Zirconium	91-1	233.44	246.07	246.78	242.10	3.10	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:01:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10099.10	10002.48	9913.20	10004.93	0.93	ppb
Antimony	121-1	505.03	518.39	510.90	511.44	1.31	ppb
Arsenic	75-2	506.91	506.77	503.55	505.75	0.38	ppb
Barium	135-1	2507.83	2554.70	2536.47	2533.00	0.93	ppb
Barium	137-1	2498.15	2547.34	2518.72	2521.40	0.98	ppb
Beryllium	9-1	488.86	494.44	486.92	490.08	0.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.26	517.56	516.51	513.44	1.22	ppb
Cadmium	106-1	510.69	521.96	510.92	514.53	1.25	ppb
Cadmium	111-1	495.99	508.05	499.65	501.23	1.23	ppb
Calcium	43-1	51205.17	51313.24	51385.31	51301.24	0.18	ppb
Calcium	44-1	51206.22	51588.90	51703.26	51499.46	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.46	509.29	510.94	509.23	0.34	ppb
Cobalt	59-2	508.63	506.46	510.05	508.38	0.36	ppb
Copper	63-2	5136.22	5052.59	5117.82	5102.21	0.86	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				99		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	26390.89	26354.47	26446.87	26397.41	0.18	ppb
Iron	57-2	26790.32	26029.99	26383.06	26401.12	1.44	ppb
Iron	54-2	26650.71	26568.90	26674.74	26631.45	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:01:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2462.51	2521.33	2528.21	2504.02	1.44	ppb
Lead	207-1	2480.92	2524.12	2517.91	2507.65	0.93	ppb
Lead	208-1	2483.77	2522.95	2520.12	2508.95	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	50282.89	50047.76	49803.76	50044.80	0.48	ppb
Manganese	55-2	5073.41	5064.99	5088.25	5075.55	0.23	ppb
Molybdenum	94-1	5013.39	5043.97	5024.03	5027.13	0.31	ppb
Molybdenum	95-1	5050.28	5065.37	4993.32	5036.32	0.75	ppb
Molybdenum	96-1	5058.55	5090.63	5007.36	5052.18	0.83	ppb
Molybdenum	97-1	5061.00	5031.27	4985.20	5025.82	0.76	ppb
Molybdenum	98-1	5066.05	5082.12	5031.31	5059.83	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.72	492.87	495.69	495.76	0.59	ppb
Phosphorus	31-2	10148.70	10245.33	10083.58	10159.20	0.80	ppb
Potassium	39-2	25129.51	25201.22	25157.74	25162.82	0.14	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				82		%
Selenium	82-1	514.69	512.43	508.97	512.03	0.56	ppb
Selenium	77-2	516.84	515.25	499.67	510.59	1.86	ppb
Selenium	78-2	511.02	519.71	506.28	512.34	1.33	ppb
Silicon	28-1	528.06	522.91	517.19	522.72	1.04	ppb
Silver	107-1	508.37	523.51	511.86	514.58	1.54	ppb
Silver	109-1	509.97	524.38	509.17	514.50	1.66	ppb
Sodium	23-2	50618.55	50316.54	50423.57	50452.89	0.30	ppb
Strontium	86-1	12603.33	12518.24	12926.96	12682.84	1.70	ppb
Strontium	88-1	12650.87	12578.82	12647.54	12625.74	0.32	ppb
Sulfur	34-1	10019.34	10020.16	9996.69	10012.06	0.13	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	498.56	508.72	493.12	500.13	1.58	ppb
Thallium	205-1	493.30	507.80	502.37	501.16	1.46	ppb
Tin	118-1	503.91	511.62	513.23	509.59	0.98	ppb
Titanium	47-1	4979.84	5052.83	5026.17	5019.61	0.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:01:40	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	491.92	500.64	495.38	495.98	0.88	ppb
Vanadium	51-2	514.81	503.30	510.56	509.56	1.14	ppb
Yttrium	89-1				93		%
Yttrium	89-2				87		%
Zinc	66-2	5142.20	5118.32	5174.12	5144.88	0.54	ppb
Zirconium	90-1	502.98	500.23	501.55	501.59	0.27	ppb
Zirconium	91-1	503.14	513.17	497.86	504.72	1.54	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:04:29	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19553.87	19553.06	19400.04	19502.33	0.45	ppb
Antimony	121-1	985.53	993.66	1001.16	993.45	0.79	ppb
Arsenic	75-2	994.74	1002.32	986.87	994.64	0.78	ppb
Barium	135-1	4919.17	4985.13	5033.20	4979.17	1.15	ppb
Barium	137-1	4911.83	5008.13	5023.74	4981.24	1.22	ppb
Beryllium	9-1	1014.83	998.00	1002.81	1005.21	0.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	977.83	984.44	1003.92	988.73	1.37	ppb
Cadmium	106-1	977.41	990.50	997.48	988.46	1.03	ppb
Cadmium	111-1	978.76	1001.53	1012.61	997.63	1.73	ppb
Calcium	43-1	101271.49	102522.65	103168.07	102320.74	0.94	ppb
Calcium	44-1	101675.81	101433.02	102159.17	101756.00	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.80	998.81	1002.64	996.42	0.77	ppb
Cobalt	59-2	995.79	995.94	992.47	994.73	0.20	ppb
Copper	63-2	9895.32	9975.43	9887.30	9919.35	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				100		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	51417.99	51962.79	51536.35	51639.04	0.55	ppb
Iron	57-2	51619.85	52635.33	51935.27	52063.48	1.00	ppb
Iron	54-2	52122.49	52683.85	52109.56	52305.30	0.63	ppb
Krypton	83-1						cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:04:29	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4971.89	5020.05	5017.57	5003.17	0.54	ppb
Lead	207-1	4964.39	5051.27	4990.76	5002.14	0.89	ppb
Lead	208-1	4975.43	5031.43	4998.88	5001.91	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	98137.50	99127.83	97908.79	98391.38	0.66	ppb
Manganese	55-2	9931.42	10024.69	9927.02	9961.05	0.55	ppb
Molybdenum	94-1	9894.14	10078.99	10000.39	9991.17	0.93	ppb
Molybdenum	95-1	9812.98	10071.90	10074.43	9986.43	1.50	ppb
Molybdenum	96-1	9851.22	10018.95	10049.96	9973.38	1.07	ppb
Molybdenum	97-1	9881.36	10069.83	10015.41	9988.87	0.97	ppb
Molybdenum	98-1	9824.74	10095.19	10007.04	9975.66	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.94	1007.30	1007.83	1001.69	1.02	ppb
Phosphorus	31-2	19901.24	19957.90	19791.39	19883.51	0.43	ppb
Potassium	39-2	49026.55	50145.07	49216.03	49462.55	1.21	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				82		%
Selenium	82-1	976.86	992.94	1004.03	991.28	1.38	ppb
Selenium	77-2	977.83	1000.81	990.94	989.86	1.16	ppb
Selenium	78-2	985.77	992.12	990.24	989.38	0.33	ppb
Silicon	28-1	980.75	987.33	979.84	982.64	0.42	ppb
Silver	107-1	978.35	989.67	996.57	988.20	0.93	ppb
Silver	109-1	975.12	992.09	996.13	987.78	1.13	ppb
Sodium	23-2	99740.99	101074.08	99640.40	100151.82	0.80	ppb
Strontium	86-1	24685.19	25086.11	25129.26	24966.85	0.98	ppb
Strontium	88-1	24599.43	25054.37	25165.23	24939.68	1.20	ppb
Sulfur	34-1	20020.03	19940.86	20128.58	20029.82	0.47	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	992.60	1000.05	1010.94	1001.20	0.92	ppb
Thallium	205-1	999.25	994.46	1006.58	1000.10	0.61	ppb
Tin	118-1	987.68	989.46	1004.59	993.91	0.94	ppb
Titanium	47-1	9886.97	10059.14	10052.47	9999.53	0.98	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:04:29	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	996.14	1007.05	1013.29	1005.49	0.86	ppb
Vanadium	51-2	987.13	1002.90	999.80	996.61	0.84	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	9777.66	10002.05	9933.06	9904.26	1.16	ppb
Zirconium	90-1	985.97	1006.17	1007.87	1000.00	1.22	ppb
Zirconium	91-1	982.21	1001.98	1015.33	999.84	1.67	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:07:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100596.08	100233.97	99482.42	100104.15	0.57	ppb
Antimony	121-1	0.71	0.65	0.61	0.66	7.57	ppb
Arsenic	75-2	0.70	0.59	0.80	0.70	15.08	ppb
Barium	135-1	2.53	2.32	2.22	2.36	6.70	ppb
Barium	137-1	2.56	2.44	2.27	2.43	6.06	ppb
Beryllium	9-1	0.35	0.31	0.29	0.32	9.26	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.37	0.49	0.50	27.99	ppb
Cadmium	106-1	-0.54	0.57	0.52	0.19	338.53	ppb
Cadmium	111-1	0.23	0.20	0.20	0.21	9.12	ppb
Calcium	43-1	477830.69	508937.24	511269.59	499345.84	3.74	ppb
Calcium	44-1	481298.14	510077.41	507051.84	499475.79	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.15	1.24	1.14	1.17	4.57	ppb
Cobalt	59-2	2.59	2.64	2.64	2.62	1.08	ppb
Copper	63-2	2.50	2.36	2.35	2.40	3.47	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				97		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	250820.51	248493.75	249171.21	249495.16	0.48	ppb
Iron	57-2	251403.26	248476.28	248329.23	249402.92	0.70	ppb
Iron	54-2	252192.31	248810.79	246968.41	249323.84	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:07:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.99	1.83	1.66	1.83	8.95	ppb
Lead	207-1	1.98	1.75	1.63	1.79	9.95	ppb
Lead	208-1	1.95	1.78	1.65	1.79	8.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	504851.60	500509.06	495588.65	500316.44	0.93	ppb
Manganese	55-2	4.72	4.70	4.54	4.65	2.16	ppb
Molybdenum	94-1	3.47	3.08	2.71	3.09	12.21	ppb
Molybdenum	95-1	2.59	2.10	1.80	2.16	18.42	ppb
Molybdenum	96-1	4.10	3.66	3.33	3.70	10.40	ppb
Molybdenum	97-1	2.67	2.14	1.80	2.20	19.84	ppb
Molybdenum	98-1	2.52	2.04	1.68	2.08	20.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.36	4.64	4.46	4.49	3.15	ppb
Phosphorus	31-2	-1.65	-0.89	-4.12	-2.22		ppb
Potassium	39-2	251930.40	248404.42	249927.45	250087.42	0.71	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	1.41	1.01	1.42	1.28	18.05	ppb
Selenium	77-2	0.71	0.53	0.52	0.59	18.40	ppb
Selenium	78-2	-0.25	-0.89	-0.17	-0.44		ppb
Silicon	28-1	-1.66	-0.93	-1.40	-1.33		ppb
Silver	107-1	0.26	0.21	0.18	0.22	19.20	ppb
Silver	109-1	0.25	0.20	0.18	0.21	16.57	ppb
Sodium	23-2	504187.53	498406.35	497146.43	499913.43	0.75	ppb
Strontium	86-1	71.14	75.88	74.25	73.75	3.26	ppb
Strontium	88-1	73.50	74.26	73.45	73.73	0.62	ppb
Sulfur	34-1	-447.01	-203.26	-152.15	-267.47		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.22	0.18	0.16	0.19	17.48	ppb
Thallium	205-1	0.24	0.18	0.16	0.19	21.23	ppb
Tin	118-1	0.34	0.29	0.24	0.29	15.88	ppb
Titanium	47-1	2.21	1.80	1.57	1.86	17.46	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:07:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.15	0.13	0.16	24.47	ppb
Vanadium	51-2	0.23	0.23	0.19	0.22	10.71	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	13.87	14.12	13.70	13.90	1.51	ppb
Zirconium	90-1	0.67	0.69	0.63	0.66	4.86	ppb
Zirconium	91-1	0.68	0.64	0.61	0.64	5.44	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:30:11	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.83	483.19	480.83	482.62	0.33	ppb
Antimony	121-1	213.29	217.84	218.70	216.61	1.34	ppb
Arsenic	75-2	218.95	218.65	215.58	217.73	0.86	ppb
Barium	135-1	100.55	102.84	101.85	101.74	1.13	ppb
Barium	137-1	101.78	105.08	104.36	103.74	1.67	ppb
Beryllium	9-1	107.83	104.73	108.05	106.87	1.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.74	125.75	124.97	124.49	1.25	ppb
Cadmium	106-1	94.24	95.11	94.45	94.60	0.48	ppb
Cadmium	111-1	103.05	105.81	104.95	104.60	1.35	ppb
Calcium	43-1	2082.58	2083.07	2121.90	2095.85	1.08	ppb
Calcium	44-1	2064.66	2106.60	2147.69	2106.32	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.68	105.78	103.95	104.80	0.88	ppb
Cobalt	59-2	105.68	105.41	105.16	105.42	0.25	ppb
Copper	63-2	101.09	101.76	100.99	101.28	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				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	2152.74	2159.31	2137.16	2149.74	0.53	ppb
Iron	57-2	2172.59	2178.32	2181.33	2177.42	0.20	ppb
Iron	54-2	2264.42	2288.79	2262.81	2272.01	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:30:11	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	209.57	209.36	212.59	210.51	0.86	ppb
Lead	207-1	183.02	189.90	190.26	187.73	2.17	ppb
Lead	208-1	198.44	202.68	203.40	201.51	1.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	1188.13	1197.38	1182.89	1189.46	0.62	ppb
Manganese	55-2	102.00	102.41	102.57	102.32	0.29	ppb
Molybdenum	94-1	4047.36	3963.20	3996.50	4002.35	1.06	ppb
Molybdenum	95-1	4891.81	4839.15	4849.27	4860.08	0.57	ppb
Molybdenum	96-1	4794.83	4744.80	4799.51	4779.71	0.63	ppb
Molybdenum	97-1	4851.09	4839.40	4844.60	4845.03	0.12	ppb
Molybdenum	98-1	4803.82	4782.71	4838.06	4808.19	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.72	108.12	107.71	107.85	0.22	ppb
Phosphorus	31-2	-15.63	-19.00	-15.78	-16.80		ppb
Potassium	39-2	2052.65	2063.76	2049.27	2055.23	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	82-1	215.66	213.68	218.09	215.81	1.02	ppb
Selenium	77-2	220.85	230.62	223.55	225.01	2.24	ppb
Selenium	78-2	219.22	220.76	218.81	219.60	0.47	ppb
Silicon	28-1	-3.05	-3.63	-3.36	-3.35		ppb
Silver	107-1	51.10	52.60	51.97	51.89	1.45	ppb
Silver	109-1	51.23	52.53	52.36	52.04	1.35	ppb
Sodium	23-2	2095.35	2060.58	2043.57	2066.50	1.28	ppb
Strontium	86-1	5.92	6.60	6.35	6.29	5.47	ppb
Strontium	88-1	6.44	6.36	6.30	6.37	1.04	ppb
Sulfur	34-1	-32.63	-187.17	-166.04	-128.61		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	203.38	205.46	208.01	205.62	1.13	ppb
Thallium	205-1	202.92	207.95	207.65	206.17	1.37	ppb
Tin	118-1	0.01	0.01	0.01	0.01	10.51	ppb
Titanium	47-1	0.23	0.24	0.21	0.23	6.72	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:30:11	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	16.57	ppb
Vanadium	51-2	101.97	101.48	100.92	101.46	0.52	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	208.73	211.17	208.85	209.58	0.66	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.97	ppb
Zirconium	91-1	0.08	0.10	0.07	0.08	16.75	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:38:52	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.13	0.19	0.08	161.35	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.41	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	61.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.01	0.01	0.00	2399.60	ppb
Cadmium	106-1	0.68	-0.62	-0.35	-0.10		ppb
Cadmium	111-1	0.01	-0.02	0.00	0.00		ppb
Calcium	43-1	0.02	0.62	-0.74	-0.03		ppb
Calcium	44-1	0.40	-0.02	-0.34	0.02	2288.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.01	0.00	0.01	0.00	789.54	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				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	-0.04	-0.24	-0.15	-0.14		ppb
Iron	57-2	-0.61	-0.89	-0.71	-0.74		ppb
Iron	54-2	0.41	-0.91	-0.05	-0.18		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:38:52	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.01	0.01	74.70	ppb
Lead	207-1	0.01	0.01	0.00	0.01	66.10	ppb
Lead	208-1	0.01	0.01	0.01	0.01	18.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.00	0.03	0.25	0.09	151.51	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	10.04	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	62.21	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	11.09	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	46.27	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-14.62	-14.85	-16.00	-15.16		ppb
Potassium	39-2	-2.69	-2.61	-0.90	-2.07		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.20	-0.21	-0.23	-0.08		ppb
Selenium	77-2	0.32	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.94	-0.41	-0.54	-0.63		ppb
Silicon	28-1	-1.48	-1.81	-1.68	-1.66		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.22	ppb
Sodium	23-2	4.02	3.03	3.48	3.51	14.19	ppb
Strontium	86-1	0.33	0.31	0.08	0.24	56.82	ppb
Strontium	88-1	0.04	0.00	0.00	0.01	240.03	ppb
Sulfur	34-1	108.30	6.91	8.96	41.39	140.02	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	0.01	0.00	0.00	79.81	ppb
Tin	118-1	0.01	0.01	0.00	0.01	36.09	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	88.28	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:38:52	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	204.13	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.13	0.11	0.12	0.12	8.30	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1511.94	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	7.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:42:22	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92030.79	90928.75	91591.21	91516.92	0.61	ppb
Antimony	121-1	1.13	1.10	1.16	1.13	2.30	ppb
Arsenic	75-2	0.38	0.34	0.25	0.32	19.51	ppb
Barium	135-1	1.37	1.36	1.35	1.36	1.03	ppb
Barium	137-1	1.36	1.36	1.38	1.36	0.75	ppb
Beryllium	9-1	0.31	0.30	0.26	0.29	10.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.05	8.28	8.02	8.45	6.33	ppb
Cadmium	106-1	-1.60	-2.03	-2.02	-1.88		ppb
Cadmium	111-1	0.33	0.30	0.30	0.31	6.53	ppb
Calcium	43-1	101212.39	100639.14	102136.10	101329.21	0.75	ppb
Calcium	44-1	100915.16	100741.61	101742.46	101133.08	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.04	19.59	19.69	19.77	1.20	ppb
Cobalt	59-2	1.23	1.27	1.20	1.23	2.82	ppb
Copper	63-2	7.20	7.05	7.08	7.11	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				101		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	104563.70	103724.19	102695.04	103660.97	0.90	ppb
Iron	57-2	104373.60	103381.81	101786.29	103180.56	1.27	ppb
Iron	54-2	104376.62	103299.88	103317.43	103664.65	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:42:22	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.80	4.77	4.76	4.78	0.45	ppb
Lead	207-1	4.31	4.33	4.31	4.32	0.27	ppb
Lead	208-1	4.49	4.48	4.46	4.48	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	98879.60	97399.31	98805.35	98361.42	0.85	ppb
Manganese	55-2	7.64	7.72	7.75	7.70	0.77	ppb
Molybdenum	94-1	1595.76	1620.08	1599.01	1604.95	0.82	ppb
Molybdenum	95-1	1943.07	1966.01	1969.08	1959.39	0.73	ppb
Molybdenum	96-1	1907.56	1939.63	1950.11	1932.43	1.15	ppb
Molybdenum	97-1	1935.10	1953.89	1968.94	1952.65	0.87	ppb
Molybdenum	98-1	1925.48	1974.11	1965.29	1954.96	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.55	5.10	5.07	5.24	5.13	ppb
Phosphorus	31-2	104352.69	102882.46	102735.84	103323.66	0.87	ppb
Potassium	39-2	98247.92	97239.87	97892.15	97793.31	0.52	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	0.55	0.08	0.16	0.26	94.86	ppb
Selenium	77-2	0.17	0.17	0.17	0.17	0.16	ppb
Selenium	78-2	-1.67	-1.47	-0.62	-1.25		ppb
Silicon	28-1	0.30	-0.29	-0.15	-0.05		ppb
Silver	107-1	0.05	0.04	0.04	0.04	14.78	ppb
Silver	109-1	0.05	0.04	0.04	0.04	17.52	ppb
Sodium	23-2	99834.68	98731.85	98610.30	99058.95	0.68	ppb
Strontium	86-1	828.10	833.46	841.41	834.32	0.80	ppb
Strontium	88-1	829.55	843.88	845.37	839.60	1.04	ppb
Sulfur	34-1	107836.98	106229.93	107302.50	107123.14	0.76	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.11	0.08	0.10	14.05	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	4.82	ppb
Tin	118-1	0.17	0.17	0.14	0.16	10.20	ppb
Titanium	47-1	2015.42	1991.49	2045.86	2017.59	1.35	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:42:22	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	5.68	ppb
Vanadium	51-2	0.20	0.20	0.20	0.20	0.29	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	10.95	11.09	10.76	10.93	1.53	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	15.33	ppb
Zirconium	91-1	0.02	0.04	0.05	0.04	35.64	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:45:27	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93662.65	93500.32	93196.44	93453.14	0.25	ppb
Antimony	121-1	20.93	21.97	21.69	21.53	2.51	ppb
Arsenic	75-2	22.13	21.64	21.61	21.79	1.35	ppb
Barium	135-1	21.18	22.27	21.72	21.73	2.49	ppb
Barium	137-1	21.58	22.07	21.95	21.86	1.17	ppb
Beryllium	9-1	21.05	21.50	20.99	21.18	1.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.83	26.81	25.53	25.72	3.89	ppb
Cadmium	106-1	15.03	17.82	16.76	16.54	8.51	ppb
Cadmium	111-1	19.00	19.94	19.54	19.49	2.42	ppb
Calcium	43-1	102247.40	103494.17	105278.12	103673.23	1.47	ppb
Calcium	44-1	102968.17	103485.01	103251.84	103235.01	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.42	40.30	40.52	40.41	0.27	ppb
Cobalt	59-2	21.46	21.35	21.40	21.40	0.24	ppb
Copper	63-2	26.50	26.19	26.34	26.35	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	105128.36	105046.17	104832.01	105002.18	0.15	ppb
Iron	57-2	105519.53	105207.41	104650.63	105125.86	0.42	ppb
Iron	54-2	105612.90	106348.69	105264.84	105742.14	0.52	ppb
Krypton	83-1						cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:45:27	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.04	25.43	25.41	25.29	0.87	ppb
Lead	207-1	23.73	23.89	24.13	23.92	0.85	ppb
Lead	208-1	24.17	24.39	24.59	24.38	0.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	100001.24	99999.13	100001.17	100000.52	0.00	ppb
Manganese	55-2	27.98	27.71	28.13	27.94	0.75	ppb
Molybdenum	94-1	1624.09	1635.62	1667.38	1642.36	1.36	ppb
Molybdenum	95-1	1967.08	2009.33	2019.28	1998.56	1.39	ppb
Molybdenum	96-1	1933.34	1983.14	1996.09	1970.85	1.68	ppb
Molybdenum	97-1	1956.97	2009.64	2032.96	1999.86	1.95	ppb
Molybdenum	98-1	1962.67	2018.62	2031.95	2004.42	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.85	25.39	25.49	25.57	0.94	ppb
Phosphorus	31-2	105333.30	104368.49	103933.00	104544.93	0.69	ppb
Potassium	39-2	99399.22	100243.69	99413.44	99685.45	0.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	20.19	20.55	20.93	20.56	1.81	ppb
Selenium	77-2	20.78	17.90	22.23	20.30	10.86	ppb
Selenium	78-2	19.87	18.87	20.55	19.77	4.28	ppb
Silicon	28-1	0.23	0.39	0.68	0.43	52.15	ppb
Silver	107-1	19.16	19.88	19.63	19.56	1.88	ppb
Silver	109-1	18.97	19.97	19.55	19.49	2.56	ppb
Sodium	23-2	100805.67	101015.18	100898.06	100906.30	0.10	ppb
Strontium	86-1	848.92	864.51	866.19	859.88	1.11	ppb
Strontium	88-1	843.86	864.31	869.06	859.08	1.56	ppb
Sulfur	34-1	108356.36	106718.74	109272.16	108115.75	1.20	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	20.64	20.78	20.59	20.67	0.49	ppb
Thallium	205-1	20.66	20.68	20.74	20.69	0.21	ppb
Tin	118-1	0.15	0.18	0.13	0.15	13.40	ppb
Titanium	47-1	2036.91	2054.86	2057.25	2049.67	0.54	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:45:27	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	8.37	ppb
Vanadium	51-2	20.25	20.28	20.34	20.29	0.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	31.69	31.75	31.28	31.57	0.82	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	19.34	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	13.88	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:48:33	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49940.19	49715.15	49657.57	49770.97	0.30	ppb
Antimony	121-1	495.93	495.88	500.09	497.30	0.49	ppb
Arsenic	75-2	490.22	493.13	498.74	494.03	0.88	ppb
Barium	135-1	2533.29	2495.62	2561.86	2530.26	1.31	ppb
Barium	137-1	2500.60	2540.42	2540.02	2527.01	0.91	ppb
Beryllium	9-1	491.85	495.30	496.13	494.43	0.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.34	490.47	498.38	491.40	1.34	ppb
Cadmium	106-1	491.60	492.80	494.95	493.12	0.34	ppb
Cadmium	111-1	471.01	479.69	476.92	475.87	0.93	ppb
Calcium	43-1	256734.75	253350.98	257367.91	255817.88	0.84	ppb
Calcium	44-1	256600.62	257508.24	258600.59	257569.82	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.89	493.00	499.15	496.68	0.65	ppb
Cobalt	59-2	488.41	488.40	487.91	488.24	0.06	ppb
Copper	63-2	4798.25	4753.36	4777.77	4776.46	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				102		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	126995.38	127102.01	127336.91	127144.77	0.14	ppb
Iron	57-2	127948.94	125784.69	128219.00	127317.54	1.05	ppb
Iron	54-2	127931.10	127364.71	127849.26	127715.02	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:48:33	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2561.83	2551.53	2609.35	2574.24	1.20	ppb
Lead	207-1	2562.51	2551.06	2597.12	2570.23	0.93	ppb
Lead	208-1	2551.68	2551.35	2597.76	2566.93	1.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	253468.80	251296.18	252192.66	252319.22	0.43	ppb
Manganese	55-2	4965.30	4941.33	4952.20	4952.95	0.24	ppb
Molybdenum	94-1	5002.95	5123.47	5046.46	5057.63	1.21	ppb
Molybdenum	95-1	5041.22	5082.51	5035.55	5053.10	0.51	ppb
Molybdenum	96-1	5039.02	5062.07	5082.74	5061.28	0.43	ppb
Molybdenum	97-1	5063.36	5104.29	5053.38	5073.67	0.53	ppb
Molybdenum	98-1	5052.27	5075.09	5030.54	5052.64	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.50	464.76	467.44	467.23	0.51	ppb
Phosphorus	31-2	10144.01	9954.45	9970.76	10023.07	1.05	ppb
Potassium	39-2	125543.18	125278.78	125066.15	125296.04	0.19	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	477.18	485.61	482.48	481.76	0.88	ppb
Selenium	77-2	475.11	499.04	478.86	484.34	2.66	ppb
Selenium	78-2	484.99	485.03	471.13	480.38	1.67	ppb
Silicon	28-1	250.49	249.88	253.61	251.33	0.80	ppb
Silver	107-1	483.24	484.20	490.06	485.83	0.76	ppb
Silver	109-1	490.72	485.59	495.59	490.63	1.02	ppb
Sodium	23-2	249921.38	251072.30	250852.47	250615.39	0.24	ppb
Strontium	86-1	12668.98	12779.74	12603.73	12684.15	0.70	ppb
Strontium	88-1	12493.27	12761.99	12663.77	12639.68	1.08	ppb
Sulfur	34-1	9715.87	9745.44	9836.34	9765.88	0.64	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	512.52	522.19	525.88	520.19	1.33	ppb
Thallium	205-1	513.13	517.24	523.64	518.00	1.02	ppb
Tin	118-1	499.78	501.75	506.86	502.80	0.73	ppb
Titanium	47-1	4983.13	4989.57	5015.13	4995.94	0.34	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:48:33	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.75	523.58	533.51	523.61	1.89	ppb
Vanadium	51-2	514.69	507.40	507.62	509.91	0.81	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	4747.74	4708.08	4726.99	4727.61	0.42	ppb
Zirconium	90-1	501.10	509.13	508.56	506.26	0.89	ppb
Zirconium	91-1	502.52	516.26	506.11	508.30	1.40	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:51:19	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.89	2.73	2.29	2.64	11.61	ppb
Antimony	121-1	0.23	0.22	0.25	0.23	6.25	ppb
Arsenic	75-2	0.00	0.02	0.00	0.00	198.79	ppb
Barium	135-1	0.16	0.18	0.19	0.18	8.68	ppb
Barium	137-1	0.17	0.16	0.18	0.17	8.10	ppb
Beryllium	9-1	0.09	0.11	0.13	0.11	17.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.06	0.08	0.07	15.78	ppb
Cadmium	106-1	1.14	-0.31	-0.55	0.09	1006.70	ppb
Cadmium	111-1	0.07	0.04	0.04	0.05	31.55	ppb
Calcium	43-1	17.32	15.57	20.81	17.90	14.92	ppb
Calcium	44-1	16.71	18.60	21.54	18.95	12.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.00	0.01	162.87	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	16.16	ppb
Copper	63-2	0.32	0.30	0.28	0.30	6.68	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				99		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	7.38	7.19	6.25	6.94	8.69	ppb
Iron	57-2	5.37	7.14	5.17	5.89	18.40	ppb
Iron	54-2	7.08	6.14	6.77	6.66	7.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:51:19	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.23	0.24	0.22	8.92	ppb
Lead	207-1	0.19	0.21	0.23	0.21	9.26	ppb
Lead	208-1	0.20	0.21	0.23	0.21	8.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	12.32	11.19	10.08	11.19	9.98	ppb
Manganese	55-2	0.30	0.29	0.25	0.28	9.55	ppb
Molybdenum	94-1	0.49	0.50	0.55	0.51	6.42	ppb
Molybdenum	95-1	0.45	0.45	0.46	0.45	2.02	ppb
Molybdenum	96-1	0.45	0.47	0.51	0.48	6.66	ppb
Molybdenum	97-1	0.46	0.46	0.49	0.47	2.99	ppb
Molybdenum	98-1	0.42	0.46	0.49	0.46	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.01	0.01	261.68	ppb
Phosphorus	31-2	-14.51	-12.82	-14.72	-14.02		ppb
Potassium	39-2	6.76	9.21	6.89	7.62	18.15	ppb
Rhodium	103-1				91		%
Rhodium	103-2				99		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	82-1	0.29	0.01	-0.19	0.04	633.38	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	-0.40	-0.26	-0.54		ppb
Silicon	28-1	-2.71	-3.27	0.09	-1.96		ppb
Silver	107-1	0.07	0.07	0.08	0.07	6.23	ppb
Silver	109-1	0.08	0.07	0.07	0.08	8.77	ppb
Sodium	23-2	58.31	54.82	52.94	55.36	4.92	ppb
Strontium	86-1	0.63	0.89	1.16	0.90	29.65	ppb
Strontium	88-1	0.75	0.81	0.92	0.83	10.50	ppb
Sulfur	34-1	-330.02	-357.78	412.03	-91.92		ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.09	0.10	0.10	3.03	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	7.30	ppb
Tin	118-1	0.07	0.07	0.09	0.08	17.39	ppb
Titanium	47-1	0.37	0.56	0.46	0.46	21.19	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:51:19	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.04	0.04	9.00	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	18.68	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	0.32	0.20	0.24	0.25	25.00	ppb
Zirconium	90-1	0.06	0.07	0.08	0.07	11.96	ppb
Zirconium	91-1	0.06	0.08	0.09	0.08	17.86	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 15:57:58	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12041.05	12083.89	11961.40	12028.78	0.52	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	3.40	ppb
Arsenic	75-2	0.87	0.69	0.90	0.82	13.91	ppb
Barium	135-1	20.96	20.81	20.92	20.90	0.39	ppb
Barium	137-1	21.10	21.21	21.42	21.24	0.78	ppb
Beryllium	9-1	0.34	0.36	0.35	0.35	1.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.17	0.00	0.10	87.08	ppb
Cadmium	106-1	1.41	0.76	0.77	0.98	37.98	ppb
Cadmium	111-1	0.13	0.14	0.13	0.14	3.29	ppb
Calcium	43-1	43368.32	45232.00	43149.09	43916.47	2.61	ppb
Calcium	44-1	43372.15	43984.13	43701.53	43685.94	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.62	3.52	3.64	3.59	1.70	ppb
Cobalt	59-2	33.62	33.57	33.36	33.52	0.41	ppb
Copper	63-2	7.72	7.80	7.65	7.72	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				104		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	105370.68	106488.23	105326.16	105728.36	0.62	ppb
Iron	57-2	104147.73	105552.97	104640.18	104780.29	0.68	ppb
Iron	54-2	106462.41	106216.69	106529.19	106402.76	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 15:57:58	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.42	0.43	0.43	0.43	1.15	ppb
Lead	207-1	0.38	0.38	0.40	0.39	2.77	ppb
Lead	208-1	0.40	0.40	0.41	0.41	1.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	20179.26	20182.06	20169.95	20177.09	0.03	ppb
Manganese	55-2	1614.62	1601.56	1610.83	1609.00	0.42	ppb
Molybdenum	94-1	0.93	0.98	0.97	0.96	2.60	ppb
Molybdenum	95-1	0.28	0.27	0.26	0.27	3.27	ppb
Molybdenum	96-1	0.98	1.01	0.99	0.99	1.56	ppb
Molybdenum	97-1	0.27	0.29	0.28	0.28	4.31	ppb
Molybdenum	98-1	0.26	0.27	0.26	0.26	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.15	13.42	13.31	13.29	1.03	ppb
Phosphorus	31-2	303.40	303.98	311.15	306.18	1.41	ppb
Potassium	39-2	350.23	357.47	353.69	353.79	1.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.79	0.54	0.35	0.56	39.72	ppb
Selenium	77-2	7.81	7.70	7.48	7.67	2.19	ppb
Selenium	78-2	0.63	1.12	1.44	1.06	38.28	ppb
Silicon	28-1	2504.18	2593.38	2533.33	2543.63	1.79	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.65	ppb
Silver	109-1	0.02	0.02	0.02	0.02	20.60	ppb
Sodium	23-2	6328.22	6310.58	6383.77	6340.86	0.60	ppb
Strontium	86-1	2309.23	2307.15	2380.29	2332.23	1.79	ppb
Strontium	88-1	2381.13	2427.10	2445.43	2417.88	1.37	ppb
Sulfur	34-1	126157.43	129180.71	127277.32	127538.49	1.20	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.05	0.04	0.04	7.44	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	8.34	ppb
Tin	118-1	0.20	0.15	0.15	0.17	15.24	ppb
Titanium	47-1	2.22	1.99	2.09	2.10	5.40	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 15:57:58	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.25	1.25	1.24	0.81	ppb
Vanadium	51-2	118.94	118.98	118.91	118.94	0.03	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	123.41	122.66	122.27	122.78	0.47	ppb
Zirconium	90-1	0.38	0.37	0.39	0.38	2.77	ppb
Zirconium	91-1	0.36	0.39	0.39	0.38	4.27	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:01:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12169.15	12190.67	12283.17	12214.33	0.50	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	10.64	ppb
Arsenic	75-2	0.82	0.88	0.77	0.82	6.32	ppb
Barium	135-1	21.42	21.98	20.92	21.44	2.46	ppb
Barium	137-1	21.62	22.35	21.57	21.84	2.00	ppb
Beryllium	9-1	0.32	0.36	0.33	0.34	7.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.20	0.16	0.15	36.73	ppb
Cadmium	106-1	1.00	2.34	1.38	1.57	43.79	ppb
Cadmium	111-1	0.13	0.18	0.14	0.15	17.34	ppb
Calcium	43-1	44694.14	46498.76	44222.83	45138.58	2.66	ppb
Calcium	44-1	44591.12	45825.04	44482.46	44966.21	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.74	3.73	3.67	3.71	1.07	ppb
Cobalt	59-2	34.36	34.28	34.02	34.22	0.52	ppb
Copper	63-2	7.88	7.78	7.79	7.82	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				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	108548.84	108310.83	107359.78	108073.15	0.58	ppb
Iron	57-2	107636.83	107096.82	107344.25	107359.30	0.25	ppb
Iron	54-2	108998.99	108281.60	108430.07	108570.22	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:01:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.41	0.46	0.42	0.43	5.53	ppb
Lead	207-1	0.40	0.37	0.42	0.40	6.76	ppb
Lead	208-1	0.41	0.42	0.42	0.42	1.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	20731.90	20431.91	20414.00	20525.94	0.87	ppb
Manganese	55-2	1640.96	1648.68	1645.36	1645.00	0.24	ppb
Molybdenum	94-1	0.75	0.79	0.71	0.75	5.18	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	11.88	ppb
Molybdenum	96-1	0.83	0.82	0.87	0.84	3.11	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	5.15	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	11.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.54	13.85	13.56	13.65	1.27	ppb
Phosphorus	31-2	307.67	323.67	299.23	310.19	4.00	ppb
Potassium	39-2	360.82	360.03	357.01	359.29	0.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.55	0.65	0.46	0.55	17.73	ppb
Selenium	77-2	9.64	8.98	6.96	8.53	16.41	ppb
Selenium	78-2	0.94	0.42	0.73	0.69	37.79	ppb
Silicon	28-1	2569.66	2666.14	2605.60	2613.80	1.87	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.11	ppb
Silver	109-1	0.01	0.01	0.02	0.01	12.95	ppb
Sodium	23-2	6394.11	6393.80	6437.87	6408.59	0.40	ppb
Strontium	86-1	2409.22	2452.58	2387.32	2416.37	1.37	ppb
Strontium	88-1	2481.01	2505.22	2460.02	2482.08	0.91	ppb
Sulfur	34-1	129702.86	134409.73	130208.27	131440.28	1.97	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.02	0.03	21.25	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	7.82	ppb
Tin	118-1	0.12	0.13	0.10	0.12	11.80	ppb
Titanium	47-1	1.92	2.19	1.97	2.03	7.27	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:01:09	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.28	1.29	1.28	1.75	ppb
Vanadium	51-2	122.36	121.80	120.78	121.65	0.66	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	126.91	124.76	124.62	125.43	1.02	ppb
Zirconium	90-1	0.35	0.37	0.36	0.36	2.76	ppb
Zirconium	91-1	0.39	0.40	0.38	0.39	1.92	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	50
Date & Time Acquired :	2024-12-27 16:04:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2331.47	2337.05	2335.55	2334.69	0.12	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	21.87	ppb
Arsenic	75-2	0.18	0.18	0.16	0.17	6.93	ppb
Barium	135-1	4.20	4.30	4.26	4.26	1.14	ppb
Barium	137-1	4.15	4.32	4.38	4.28	2.83	ppb
Beryllium	9-1	0.10	0.09	0.11	0.10	10.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.00	0.00	-0.01		ppb
Cadmium	106-1	0.85	0.43	-0.42	0.28	226.40	ppb
Cadmium	111-1	0.05	0.03	0.02	0.03	45.08	ppb
Calcium	43-1	8913.85	8819.07	8789.00	8840.64	0.74	ppb
Calcium	44-1	8679.49	8742.93	8690.85	8704.42	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.60	0.66	0.63	4.28	ppb
Cobalt	59-2	6.77	6.76	6.73	6.75	0.27	ppb
Copper	63-2	1.64	1.73	1.75	1.71	3.18	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				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	21248.84	21260.97	21226.27	21245.36	0.08	ppb
Iron	57-2	21197.90	21077.34	21257.33	21177.53	0.43	ppb
Iron	54-2	21611.02	21345.68	21528.94	21495.21	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	50
Date & Time Acquired :	2024-12-27 16:04:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.10	0.10	0.10	2.26	ppb
Lead	207-1	0.09	0.09	0.08	0.09	8.54	ppb
Lead	208-1	0.10	0.09	0.10	0.09	2.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	4141.70	4115.46	4033.74	4096.97	1.37	ppb
Manganese	55-2	324.17	329.36	315.32	322.95	2.20	ppb
Molybdenum	94-1	0.19	0.19	0.21	0.20	6.50	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	4.02	ppb
Molybdenum	96-1	0.22	0.21	0.21	0.21	0.98	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	11.90	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.55	2.53	2.79	2.63	5.55	ppb
Phosphorus	31-2	50.50	53.91	36.86	47.09	19.16	ppb
Potassium	39-2	69.58	72.30	70.29	70.73	2.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.65	0.11	-0.08	0.23	167.69	ppb
Selenium	77-2	1.37	1.05	1.51	1.31	17.78	ppb
Selenium	78-2	-0.16	-0.22	0.30	-0.03		ppb
Silicon	28-1	510.03	503.70	507.39	507.04	0.63	ppb
Silver	107-1	0.01	0.00	0.00	0.01	42.44	ppb
Silver	109-1	0.01	0.01	0.00	0.01	24.11	ppb
Sodium	23-2	1198.87	1201.64	1194.54	1198.35	0.30	ppb
Strontium	86-1	507.09	499.28	506.65	504.34	0.87	ppb
Strontium	88-1	499.51	494.31	498.64	497.49	0.56	ppb
Sulfur	34-1	26496.11	25789.93	26030.21	26105.41	1.38	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.02	0.02	17.29	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	27.24	ppb
Tin	118-1	0.06	0.06	0.06	0.06	2.06	ppb
Titanium	47-1	0.42	0.44	0.44	0.43	1.89	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	50
Date & Time Acquired :	2024-12-27 16:04:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.24	0.24	3.78	ppb
Vanadium	51-2	23.92	23.83	23.75	23.84	0.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	25.59	25.35	25.49	25.48	0.48	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	1.43	ppb
Zirconium	91-1	0.08	0.07	0.07	0.07	3.87	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:07:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12511.03	12593.73	12506.97	12537.24	0.39	ppb
Antimony	121-1	56.70	61.48	61.89	60.02	4.80	ppb
Arsenic	75-2	60.48	60.15	61.59	60.74	1.24	ppb
Barium	135-1	289.23	312.13	314.69	305.35	4.59	ppb
Barium	137-1	304.85	325.22	327.10	319.06	3.87	ppb
Beryllium	9-1	57.19	63.09	62.96	61.08	5.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	60.86	66.78	67.49	65.04	5.60	ppb
Cadmium	106-1	64.93	68.43	68.62	67.33	3.08	ppb
Cadmium	111-1	61.46	66.37	66.07	64.63	4.25	ppb
Calcium	43-1	43156.36	46999.89	46124.71	45426.99	4.43	ppb
Calcium	44-1	42833.54	46461.00	46995.02	45429.86	4.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.77	62.91	62.50	62.73	0.33	ppb
Cobalt	59-2	93.91	93.49	93.22	93.54	0.37	ppb
Copper	63-2	531.30	523.30	531.27	528.62	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				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	103718.32	103748.04	104222.43	103896.26	0.27	ppb
Iron	57-2	103220.65	103409.84	103370.41	103333.63	0.10	ppb
Iron	54-2	105528.43	103547.70	104463.55	104513.23	0.95	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:07:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	234.01	244.44	249.02	242.49	3.17	ppb
Lead	207-1	232.59	248.79	248.59	243.32	3.82	ppb
Lead	208-1	230.16	247.22	250.08	242.49	4.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	24081.93	24108.57	23970.62	24053.71	0.30	ppb
Manganese	55-2	2014.75	1991.00	2025.01	2010.25	0.87	ppb
Molybdenum	94-1	347.66	378.32	382.57	369.52	5.16	ppb
Molybdenum	95-1	310.86	328.78	341.15	326.93	4.66	ppb
Molybdenum	96-1	310.92	340.53	342.85	331.43	5.37	ppb
Molybdenum	97-1	296.36	326.03	327.54	316.64	5.55	ppb
Molybdenum	98-1	303.54	329.12	332.25	321.64	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.88	73.47	73.73	73.69	0.29	ppb
Phosphorus	31-2	284.85	293.98	299.29	292.71	2.50	ppb
Potassium	39-2	3341.10	3343.82	3377.71	3354.21	0.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	52.79	57.48	59.70	56.66	6.22	ppb
Selenium	77-2	66.38	65.13	63.11	64.88	2.54	ppb
Selenium	78-2	62.26	60.48	59.83	60.85	2.07	ppb
Silicon	28-1	2186.85	2413.01	2401.63	2333.83	5.46	ppb
Silver	107-1	0.11	0.11	0.12	0.12	4.22	ppb
Silver	109-1	0.07	0.08	0.08	0.08	5.38	ppb
Sodium	23-2	10808.11	10751.50	10735.22	10764.94	0.36	ppb
Strontium	86-1	3377.50	3616.30	3665.80	3553.20	4.34	ppb
Strontium	88-1	3445.06	3720.52	3750.25	3638.61	4.62	ppb
Sulfur	34-1	111553.27	120685.24	120839.48	117692.66	4.52	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	55.23	59.84	59.76	58.27	4.53	ppb
Thallium	205-1	55.52	59.65	60.06	58.41	4.29	ppb
Tin	118-1	55.82	60.71	61.41	59.31	5.14	ppb
Titanium	47-1	207.85	227.34	230.94	222.04	5.59	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:07:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	57.32	61.92	61.82	60.36	4.36	ppb
Vanadium	51-2	175.56	175.61	176.33	175.83	0.24	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	608.35	605.33	606.82	606.83	0.25	ppb
Zirconium	90-1	51.54	56.15	56.63	54.77	5.13	ppb
Zirconium	91-1	51.59	56.32	57.09	55.00	5.41	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:10:37	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12617.78	12633.87	12495.91	12582.52	0.60	ppb
Antimony	121-1	60.39	62.41	63.18	62.00	2.32	ppb
Arsenic	75-2	59.27	59.20	59.90	59.46	0.65	ppb
Barium	135-1	309.94	318.36	319.38	315.89	1.64	ppb
Barium	137-1	316.92	327.27	333.86	326.02	2.62	ppb
Beryllium	9-1	62.32	63.37	62.12	62.60	1.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	65.60	66.39	70.60	67.53	3.98	ppb
Cadmium	106-1	68.88	68.77	72.00	69.88	2.63	ppb
Cadmium	111-1	65.03	67.04	67.39	66.49	1.92	ppb
Calcium	43-1	45805.65	46251.56	47539.86	46532.36	1.94	ppb
Calcium	44-1	45949.08	46489.51	47374.30	46604.30	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.98	62.56	62.59	62.71	0.38	ppb
Cobalt	59-2	94.34	93.61	93.41	93.79	0.52	ppb
Copper	63-2	533.88	525.58	529.81	529.76	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				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	105062.92	103935.44	104571.68	104523.35	0.54	ppb
Iron	57-2	104139.97	103532.86	102973.36	103548.73	0.56	ppb
Iron	54-2	104815.57	104174.53	104806.62	104598.90	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:10:37	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	239.08	252.32	244.75	245.38	2.71	ppb
Lead	207-1	242.93	247.92	250.19	247.01	1.50	ppb
Lead	208-1	242.23	249.00	248.91	246.71	1.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	23909.48	23581.90	24064.74	23852.04	1.03	ppb
Manganese	55-2	2026.44	1985.00	2006.48	2005.97	1.03	ppb
Molybdenum	94-1	370.54	376.20	385.56	377.43	2.01	ppb
Molybdenum	95-1	320.92	337.50	338.82	332.41	3.00	ppb
Molybdenum	96-1	333.28	339.95	344.48	339.24	1.66	ppb
Molybdenum	97-1	321.04	326.16	329.57	325.59	1.32	ppb
Molybdenum	98-1	327.12	332.18	333.73	331.01	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.74	74.64	74.15	74.18	0.61	ppb
Phosphorus	31-2	279.18	293.18	291.32	287.90	2.64	ppb
Potassium	39-2	3343.34	3347.49	3380.40	3357.07	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	57.84	58.89	58.79	58.51	0.99	ppb
Selenium	77-2	65.76	63.32	60.44	63.17	4.22	ppb
Selenium	78-2	62.51	58.75	63.44	61.57	4.03	ppb
Silicon	28-1	2379.63	2395.21	2463.51	2412.78	1.85	ppb
Silver	107-1	0.12	0.12	0.12	0.12	0.61	ppb
Silver	109-1	0.07	0.06	0.07	0.07	7.62	ppb
Sodium	23-2	10753.52	10540.11	10826.23	10706.62	1.39	ppb
Strontium	86-1	3581.43	3668.21	3735.89	3661.84	2.11	ppb
Strontium	88-1	3671.75	3745.48	3761.02	3726.09	1.28	ppb
Sulfur	34-1	118194.08	118358.01	123785.21	120112.44	2.65	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	58.52	60.57	60.10	59.73	1.79	ppb
Thallium	205-1	58.31	60.38	60.08	59.59	1.88	ppb
Tin	118-1	59.56	60.92	62.92	61.13	2.76	ppb
Titanium	47-1	224.57	227.89	232.83	228.43	1.82	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:10:37	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	59.03	62.89	61.55	61.16	3.21	ppb
Vanadium	51-2	176.45	175.41	175.41	175.76	0.34	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	610.94	607.31	606.61	608.29	0.38	ppb
Zirconium	90-1	55.18	56.70	57.08	56.32	1.78	ppb
Zirconium	91-1	55.56	56.64	57.99	56.73	2.15	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:13:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12451.34	12314.32	12352.80	12372.82	0.57	ppb
Antimony	121-1	58.63	60.15	62.13	60.30	2.91	ppb
Arsenic	75-2	59.46	59.34	59.99	59.60	0.58	ppb
Barium	135-1	300.04	306.85	317.61	308.16	2.88	ppb
Barium	137-1	315.14	322.38	333.78	323.77	2.90	ppb
Beryllium	9-1	61.50	62.17	62.00	61.89	0.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	62.16	63.34	66.60	64.03	3.59	ppb
Cadmium	106-1	65.16	65.78	70.22	67.06	4.12	ppb
Cadmium	111-1	62.97	64.71	66.42	64.70	2.67	ppb
Calcium	43-1	44751.77	46031.06	46880.78	45887.87	2.34	ppb
Calcium	44-1	44617.05	46131.49	46517.09	45755.21	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.54	62.60	62.03	62.39	0.50	ppb
Cobalt	59-2	93.56	93.07	93.40	93.34	0.27	ppb
Copper	63-2	524.37	520.42	518.47	521.09	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				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	104309.02	103552.07	103318.87	103726.66	0.50	ppb
Iron	57-2	104017.72	101645.67	103355.83	103006.41	1.19	ppb
Iron	54-2	104893.09	103695.74	103755.23	104114.69	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:13:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	230.03	247.48	242.04	239.85	3.72	ppb
Lead	207-1	234.74	241.96	248.30	241.67	2.81	ppb
Lead	208-1	234.65	244.80	245.32	241.59	2.49	ppb
Lithium	6-1				101		%
Magnesium	24-2	23778.67	23567.95	23545.22	23630.61	0.54	ppb
Manganese	55-2	2008.83	1968.86	1996.69	1991.46	1.03	ppb
Molybdenum	94-1	359.48	370.79	373.03	367.77	1.98	ppb
Molybdenum	95-1	318.39	327.77	334.28	326.82	2.44	ppb
Molybdenum	96-1	328.62	338.32	340.05	335.66	1.84	ppb
Molybdenum	97-1	313.16	321.30	330.52	321.66	2.70	ppb
Molybdenum	98-1	318.14	329.85	334.06	327.35	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.04	73.55	72.61	73.07	0.65	ppb
Phosphorus	31-2	297.75	293.45	300.17	297.12	1.15	ppb
Potassium	39-2	3312.83	3294.65	3308.47	3305.32	0.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	55.85	59.15	59.04	58.01	3.24	ppb
Selenium	77-2	59.69	68.47	63.97	64.04	6.85	ppb
Selenium	78-2	58.68	58.47	58.63	58.59	0.18	ppb
Silicon	28-1	2289.48	2402.82	2408.70	2367.00	2.84	ppb
Silver	107-1	0.12	0.11	0.13	0.12	8.39	ppb
Silver	109-1	0.07	0.07	0.07	0.07	5.86	ppb
Sodium	23-2	10752.96	10663.47	10639.33	10685.26	0.56	ppb
Strontium	86-1	3525.96	3597.44	3685.70	3603.03	2.22	ppb
Strontium	88-1	3592.72	3699.05	3695.34	3662.37	1.65	ppb
Sulfur	34-1	116760.29	119381.92	120364.57	118835.60	1.57	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	56.32	58.80	59.85	58.32	3.11	ppb
Thallium	205-1	56.31	59.07	60.35	58.58	3.52	ppb
Tin	118-1	57.85	60.17	61.63	59.88	3.19	ppb
Titanium	47-1	216.72	226.26	228.89	223.96	2.86	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:13:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	57.93	60.40	62.34	60.22	3.67	ppb
Vanadium	51-2	175.06	173.54	174.12	174.24	0.44	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	601.55	603.46	600.36	601.79	0.26	ppb
Zirconium	90-1	53.88	55.89	57.04	55.60	2.88	ppb
Zirconium	91-1	54.73	56.24	57.17	56.04	2.20	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:16:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11086.85	11803.16	11609.96	11499.99	3.22	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	8.21	ppb
Arsenic	75-2	0.69	0.69	0.69	0.69	0.09	ppb
Barium	135-1	19.32	20.11	19.58	19.67	2.03	ppb
Barium	137-1	19.47	20.35	19.79	19.87	2.23	ppb
Beryllium	9-1	0.46	0.31	0.37	0.38	20.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.16	0.09	0.12	31.28	ppb
Cadmium	106-1	1.39	0.91	1.73	1.34	30.82	ppb
Cadmium	111-1	0.13	0.15	0.14	0.14	6.50	ppb
Calcium	43-1	39201.12	40633.84	39925.59	39920.18	1.79	ppb
Calcium	44-1	39001.50	40438.78	40086.34	39842.21	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.73	2.86	2.86	2.81	2.65	ppb
Cobalt	59-2	34.57	36.50	35.14	35.41	2.80	ppb
Copper	63-2	7.02	7.24	7.07	7.11	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	105338.35	109739.69	106768.74	107282.26	2.09	ppb
Iron	57-2	104581.04	108752.86	106242.28	106525.40	1.97	ppb
Iron	54-2	104967.14	111311.40	106845.09	107707.88	3.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:16:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.35	0.35	0.34	0.35	2.06	ppb
Lead	207-1	0.31	0.31	0.32	0.32	1.66	ppb
Lead	208-1	0.35	0.34	0.33	0.34	2.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	16923.52	17672.07	17371.87	17322.49	2.17	ppb
Manganese	55-2	1565.67	1639.37	1596.08	1600.37	2.31	ppb
Molybdenum	94-1	1.10	1.07	1.07	1.08	1.19	ppb
Molybdenum	95-1	0.11	0.09	0.06	0.09	25.37	ppb
Molybdenum	96-1	0.87	0.90	0.86	0.88	2.71	ppb
Molybdenum	97-1	0.10	0.09	0.08	0.09	8.83	ppb
Molybdenum	98-1	0.08	0.07	0.05	0.07	29.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.40	8.53	8.54	8.49	0.89	ppb
Phosphorus	31-2	269.55	255.66	249.50	258.24	3.98	ppb
Potassium	39-2	371.30	395.63	382.49	383.14	3.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.21	0.45	0.22	0.29	47.02	ppb
Selenium	77-2	6.20	8.33	8.67	7.73	17.33	ppb
Selenium	78-2	1.03	1.24	1.06	1.11	10.20	ppb
Silicon	28-1	2686.65	2767.41	2732.01	2728.69	1.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.72	ppb
Sodium	23-2	5484.13	5820.58	5711.76	5672.16	3.03	ppb
Strontium	86-1	2322.17	2372.25	2345.24	2346.55	1.07	ppb
Strontium	88-1	2391.94	2445.23	2453.58	2430.25	1.38	ppb
Sulfur	34-1	115820.34	116926.44	117700.89	116815.89	0.81	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.02	0.03	26.31	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	20.98	ppb
Tin	118-1	0.17	0.20	0.17	0.18	7.32	ppb
Titanium	47-1	2.08	2.14	2.15	2.12	1.88	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:16:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.23	1.25	1.23	1.87	ppb
Vanadium	51-2	110.31	115.90	112.23	112.81	2.51	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	128.10	133.87	131.74	131.23	2.22	ppb
Zirconium	90-1	0.50	0.54	0.51	0.52	3.70	ppb
Zirconium	91-1	0.53	0.53	0.53	0.53	0.18	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:19:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10462.32	10466.85	10543.53	10490.90	0.44	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	9.55	ppb
Arsenic	75-2	0.82	0.75	0.71	0.76	6.87	ppb
Barium	135-1	19.91	20.49	20.01	20.14	1.54	ppb
Barium	137-1	20.33	20.76	20.34	20.48	1.20	ppb
Beryllium	9-1	0.28	0.33	0.35	0.32	11.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.10	0.00	0.05	118.25	ppb
Cadmium	106-1	1.37	0.93	1.02	1.11	20.99	ppb
Cadmium	111-1	0.15	0.13	0.14	0.14	4.87	ppb
Calcium	43-1	49102.17	49315.58	50513.64	49643.80	1.53	ppb
Calcium	44-1	48310.16	49262.78	49693.01	49088.65	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.50	2.46	2.44	2.47	1.20	ppb
Cobalt	59-2	32.66	33.00	32.96	32.88	0.56	ppb
Copper	63-2	5.55	5.57	5.51	5.54	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				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	104308.13	106557.62	105633.93	105499.89	1.07	ppb
Iron	57-2	103411.89	104505.72	104092.48	104003.36	0.53	ppb
Iron	54-2	104621.65	105977.96	105971.98	105523.86	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:19:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.24	0.26	0.25	4.41	ppb
Lead	207-1	0.22	0.23	0.23	0.23	3.34	ppb
Lead	208-1	0.24	0.24	0.24	0.24	1.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	17554.67	17788.68	17699.75	17681.04	0.67	ppb
Manganese	55-2	1824.40	1838.24	1846.34	1836.33	0.60	ppb
Molybdenum	94-1	0.83	0.80	0.76	0.80	4.44	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	32.21	ppb
Molybdenum	96-1	0.83	0.82	0.80	0.82	1.62	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	16.13	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	36.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.04	8.13	8.19	8.12	0.97	ppb
Phosphorus	31-2	183.58	182.62	196.08	187.42	4.01	ppb
Potassium	39-2	361.81	369.94	369.64	367.13	1.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.11	0.36	0.39	0.29	53.23	ppb
Selenium	77-2	6.35	6.40	6.99	6.58	5.40	ppb
Selenium	78-2	1.39	1.71	0.48	1.19	53.33	ppb
Silicon	28-1	2494.07	2532.47	2498.89	2508.47	0.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.75	ppb
Sodium	23-2	5016.93	5109.06	5023.27	5049.75	1.02	ppb
Strontium	86-1	2659.61	2698.07	2677.72	2678.47	0.72	ppb
Strontium	88-1	2693.73	2783.20	2773.36	2750.10	1.78	ppb
Sulfur	34-1	121109.40	123345.48	124154.40	122869.76	1.28	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	22.40	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	13.43	ppb
Tin	118-1	0.14	0.14	0.14	0.14	2.33	ppb
Titanium	47-1	1.71	1.67	1.82	1.73	4.36	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:19:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.33	1.35	1.32	2.17	ppb
Vanadium	51-2	112.12	113.75	113.58	113.15	0.80	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	123.49	126.06	124.14	124.56	1.07	ppb
Zirconium	90-1	0.38	0.41	0.41	0.40	3.33	ppb
Zirconium	91-1	0.41	0.40	0.43	0.41	4.20	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:23:02	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49281.63	49254.84	49285.30	49273.92	0.03	ppb
Antimony	121-1	496.00	504.23	506.64	502.29	1.11	ppb
Arsenic	75-2	488.24	489.97	497.25	491.82	0.97	ppb
Barium	135-1	2526.57	2569.57	2519.10	2538.42	1.07	ppb
Barium	137-1	2509.42	2556.12	2503.45	2523.00	1.14	ppb
Beryllium	9-1	494.64	494.26	497.17	495.36	0.32	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	489.61	500.50	486.38	492.16	1.50	ppb
Cadmium	106-1	492.55	499.50	488.99	493.68	1.08	ppb
Cadmium	111-1	473.63	482.69	471.94	476.09	1.21	ppb
Calcium	43-1	254938.23	255292.86	258023.42	256084.84	0.66	ppb
Calcium	44-1	254509.93	253837.43	258360.47	255569.28	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.03	496.40	503.23	500.55	0.73	ppb
Cobalt	59-2	494.10	491.67	498.72	494.83	0.72	ppb
Copper	63-2	4799.72	4735.74	4835.19	4790.22	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				103		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	128326.44	127343.62	128081.31	127917.12	0.40	ppb
Iron	57-2	128417.67	128233.56	128604.95	128418.73	0.14	ppb
Iron	54-2	128593.05	127695.40	128344.63	128211.02	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:23:02	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2546.95	2618.61	2549.63	2571.73	1.58	ppb
Lead	207-1	2554.58	2593.89	2553.98	2567.48	0.89	ppb
Lead	208-1	2553.52	2598.69	2552.98	2568.40	1.02	ppb
Lithium	6-1				95		%
Magnesium	24-2	250764.92	248607.97	251651.86	250341.58	0.63	ppb
Manganese	55-2	4961.47	4960.72	4949.64	4957.28	0.13	ppb
Molybdenum	94-1	5016.40	5061.99	5102.33	5060.24	0.85	ppb
Molybdenum	95-1	5016.61	5030.68	5113.15	5053.48	1.03	ppb
Molybdenum	96-1	5063.19	5069.15	5081.92	5071.42	0.19	ppb
Molybdenum	97-1	5045.25	5119.78	5070.58	5078.54	0.75	ppb
Molybdenum	98-1	4995.89	5138.03	5088.64	5074.19	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.26	467.73	469.72	469.57	0.38	ppb
Phosphorus	31-2	9949.67	9827.17	10020.29	9932.38	0.98	ppb
Potassium	39-2	125404.95	124830.34	124799.78	125011.69	0.27	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	475.22	487.65	482.72	481.87	1.30	ppb
Selenium	77-2	458.50	479.56	460.93	466.33	2.47	ppb
Selenium	78-2	476.51	471.96	478.54	475.67	0.71	ppb
Silicon	28-1	250.15	252.11	257.13	253.13	1.42	ppb
Silver	107-1	483.55	496.74	478.49	486.26	1.94	ppb
Silver	109-1	487.14	490.62	487.92	488.56	0.37	ppb
Sodium	23-2	249094.13	249447.45	250289.74	249610.44	0.25	ppb
Strontium	86-1	12428.11	12923.65	12879.38	12743.71	2.15	ppb
Strontium	88-1	12509.01	12685.00	12718.56	12637.53	0.89	ppb
Sulfur	34-1	9622.98	9579.19	9864.19	9688.79	1.58	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	518.55	529.22	517.18	521.65	1.26	ppb
Thallium	205-1	513.60	523.83	517.82	518.42	0.99	ppb
Tin	118-1	504.41	505.98	500.32	503.57	0.58	ppb
Titanium	47-1	4901.48	4956.72	5062.76	4973.65	1.65	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:23:02	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.46	529.34	515.19	521.66	1.37	ppb
Vanadium	51-2	504.04	502.31	512.27	506.21	1.05	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4726.80	4688.21	4762.45	4725.82	0.79	ppb
Zirconium	90-1	502.25	503.66	506.77	504.23	0.46	ppb
Zirconium	91-1	505.84	509.28	517.33	510.82	1.15	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:25:49	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	0.81	2.94	1.60	73.06	ppb
Antimony	121-1	0.27	0.23	0.19	0.23	17.58	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	851.66	ppb
Barium	135-1	0.39	0.23	0.11	0.24	58.15	ppb
Barium	137-1	0.41	0.23	0.14	0.26	53.35	ppb
Beryllium	9-1	0.16	0.11	0.10	0.13	27.54	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.01	0.02	0.02	179.05	ppb
Cadmium	106-1	-0.31	-1.26	-0.85	-0.81		ppb
Cadmium	111-1	0.08	0.04	0.02	0.05	72.40	ppb
Calcium	43-1	42.36	28.17	16.82	29.12	43.96	ppb
Calcium	44-1	42.79	27.74	14.58	28.37	49.77	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	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	50.11	ppb
Copper	63-2	0.16	0.15	0.12	0.14	14.70	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				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	4.68	3.88	7.98	5.51	39.38	ppb
Iron	57-2	3.19	1.93	7.31	4.14	67.88	ppb
Iron	54-2	4.58	3.59	6.66	4.94	31.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:25:49	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.27	0.15	0.27	46.16	ppb
Lead	207-1	0.38	0.28	0.13	0.26	48.58	ppb
Lead	208-1	0.39	0.27	0.14	0.26	46.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.33	4.69	18.27	9.43	81.20	ppb
Manganese	55-2	0.17	0.16	0.25	0.19	23.67	ppb
Molybdenum	94-1	0.95	0.67	0.36	0.66	44.31	ppb
Molybdenum	95-1	0.92	0.58	0.36	0.62	45.61	ppb
Molybdenum	96-1	0.87	0.57	0.32	0.59	46.49	ppb
Molybdenum	97-1	0.87	0.61	0.34	0.61	43.22	ppb
Molybdenum	98-1	0.91	0.61	0.33	0.62	46.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.04	-0.01		ppb
Phosphorus	31-2	-15.40	-16.67	-14.13	-15.40		ppb
Potassium	39-2	7.00	5.81	7.26	6.69	11.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	0.10	-0.36	-0.30	-0.19		ppb
Selenium	77-2	0.00	0.00	0.32	0.11	173.21	ppb
Selenium	78-2	-1.55	-1.13	-1.15	-1.28		ppb
Silicon	28-1	-2.72	-2.76	-2.93	-2.80		ppb
Silver	107-1	0.11	0.08	0.06	0.08	30.87	ppb
Silver	109-1	0.12	0.07	0.06	0.08	38.44	ppb
Sodium	23-2	35.59	33.31	41.38	36.76	11.32	ppb
Strontium	86-1	2.14	2.13	0.67	1.65	51.18	ppb
Strontium	88-1	2.06	1.18	0.66	1.30	54.61	ppb
Sulfur	34-1	-564.59	-410.57	-375.78	-450.31		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.07	0.05	0.07	27.85	ppb
Thallium	205-1	0.09	0.06	0.05	0.07	28.94	ppb
Tin	118-1	0.12	0.08	0.06	0.09	38.57	ppb
Titanium	47-1	0.92	0.57	0.33	0.60	48.68	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:25:49	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.05	0.02	0.05	50.56	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	65.07	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.13	0.17	0.23	0.18	28.99	ppb
Zirconium	90-1	0.10	0.09	0.05	0.08	34.22	ppb
Zirconium	91-1	0.11	0.07	0.06	0.08	31.10	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:29:07	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.59	0.57	0.53	16.52	ppb
Antimony	121-1	0.04	0.05	0.04	0.05	8.97	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.01	159.66	ppb
Barium	137-1	0.01	0.01	0.01	0.01	19.35	ppb
Beryllium	9-1	0.05	0.05	0.02	0.04	39.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.03	0.00	0.00	1058.42	ppb
Cadmium	106-1	-0.58	0.41	-0.02	-0.06		ppb
Cadmium	111-1	0.00	0.01	0.01	0.00	177.59	ppb
Calcium	43-1	1.49	4.03	2.98	2.83	45.01	ppb
Calcium	44-1	2.17	2.10	1.75	2.01	11.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.14	-0.14	-0.16	-0.14		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.04	0.04	0.05	24.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	0.42	0.32	0.24	0.33	27.27	ppb
Iron	57-2	-0.92	-0.67	-0.84	-0.81		ppb
Iron	54-2	0.59	0.32	0.21	0.37	52.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:29:07	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.03	0.03	8.28	ppb
Lead	207-1	0.03	0.03	0.03	0.03	4.36	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.18	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.91	0.73	0.50	0.71	28.77	ppb
Manganese	55-2	0.12	0.15	0.15	0.14	10.85	ppb
Molybdenum	94-1	0.06	0.06	0.05	0.06	9.68	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	7.20	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	15.38	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	12.89	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.10	-0.09	-0.09		ppb
Phosphorus	31-2	-12.25	-15.40	-15.49	-14.38		ppb
Potassium	39-2	1.74	-1.34	-0.83	-0.14		ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	0.14	-0.19	-0.77	-0.28		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.58	-0.87	-0.32	-0.59		ppb
Silicon	28-1	-2.80	-2.87	-2.58	-2.75		ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.31	ppb
Silver	109-1	0.02	0.01	0.01	0.01	15.28	ppb
Sodium	23-2	11.36	11.37	10.14	10.96	6.45	ppb
Strontium	86-1	0.03	0.23	0.13	0.13	78.53	ppb
Strontium	88-1	0.20	0.11	0.17	0.16	28.88	ppb
Sulfur	34-1	-368.22	-279.15	-222.66	-290.01		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.01	0.01	21.10	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	15.38	ppb
Tin	118-1	0.05	0.05	0.05	0.05	7.77	ppb
Titanium	47-1	0.03	0.06	0.02	0.04	55.38	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:29:07	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	14.67	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	110.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.21	0.23	0.26	0.23	10.01	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	66.64	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	38.85	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:32:28	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.92	37.83	38.28	38.01	0.62	ppb
Antimony	121-1	3.98	4.02	4.04	4.01	0.72	ppb
Arsenic	75-2	2.19	2.08	2.17	2.15	2.86	ppb
Barium	135-1	19.16	19.38	19.31	19.28	0.58	ppb
Barium	137-1	19.37	19.78	19.72	19.62	1.12	ppb
Beryllium	9-1	2.08	1.99	2.15	2.08	3.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.62	1.95	2.16	1.91	14.21	ppb
Cadmium	106-1	2.56	1.95	1.88	2.13	17.48	ppb
Cadmium	111-1	2.14	2.10	2.10	2.11	1.06	ppb
Calcium	43-1	996.21	1011.68	1048.07	1018.66	2.61	ppb
Calcium	44-1	1018.16	1032.71	1035.06	1028.64	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.53	3.78	3.66	3.66	3.33	ppb
Cobalt	59-2	2.02	2.00	1.99	2.00	0.81	ppb
Copper	63-2	4.06	4.17	4.05	4.10	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				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	422.47	420.25	419.50	420.74	0.37	ppb
Iron	57-2	416.79	414.18	420.14	417.04	0.72	ppb
Iron	54-2	426.46	430.02	426.01	427.50	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:32:28	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.90	1.90	1.89	1.90	0.22	ppb
Lead	207-1	1.87	1.90	1.95	1.90	2.06	ppb
Lead	208-1	1.88	1.91	1.93	1.91	1.13	ppb
Lithium	6-1				104		%
Magnesium	24-2	947.80	943.47	943.12	944.80	0.28	ppb
Manganese	55-2	2.11	2.11	2.14	2.12	0.86	ppb
Molybdenum	94-1	11.28	11.54	11.65	11.49	1.65	ppb
Molybdenum	95-1	9.46	9.60	9.65	9.57	1.06	ppb
Molybdenum	96-1	9.76	9.77	9.88	9.80	0.65	ppb
Molybdenum	97-1	9.57	9.91	9.85	9.78	1.86	ppb
Molybdenum	98-1	9.62	9.79	9.76	9.72	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.92	1.94	1.98	4.24	ppb
Phosphorus	31-2	30.92	38.24	31.47	33.54	12.16	ppb
Potassium	39-2	1014.86	1007.58	1009.03	1010.49	0.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	9.63	10.71	10.81	10.38	6.30	ppb
Selenium	77-2	12.24	12.33	14.71	13.09	10.69	ppb
Selenium	78-2	10.84	9.26	10.51	10.20	8.15	ppb
Silicon	28-1	0.90	1.25	1.46	1.20	23.69	ppb
Silver	107-1	1.96	2.03	2.06	2.02	2.36	ppb
Silver	109-1	1.95	2.02	2.02	2.00	2.17	ppb
Sodium	23-2	940.02	927.68	928.77	932.16	0.73	ppb
Strontium	86-1	48.03	47.78	47.71	47.84	0.35	ppb
Strontium	88-1	47.96	49.38	49.78	49.04	1.96	ppb
Sulfur	34-1	-259.39	-187.26	-163.93	-203.53		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.85	1.89	1.92	1.89	1.75	ppb
Thallium	205-1	1.88	1.88	1.92	1.89	1.29	ppb
Tin	118-1	9.95	10.21	10.15	10.10	1.37	ppb
Titanium	47-1	2.33	2.28	2.37	2.33	2.07	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:32:28	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.73	1.77	1.77	1.76	1.52	ppb
Vanadium	51-2	9.85	9.90	9.95	9.90	0.55	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	10.41	10.66	10.78	10.62	1.77	ppb
Zirconium	90-1	1.90	1.91	1.99	1.93	2.60	ppb
Zirconium	91-1	1.95	1.94	1.99	1.96	1.41	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:35:44	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6104.37	6084.33	6057.11	6081.93	0.39	ppb
Antimony	121-1	4.01	4.29	4.31	4.20	3.98	ppb
Arsenic	75-2	78.17	80.11	78.66	78.98	1.28	ppb
Barium	135-1	21.83	23.54	23.29	22.89	4.04	ppb
Barium	137-1	22.53	23.73	23.58	23.28	2.80	ppb
Beryllium	9-1	0.16	0.19	0.17	0.17	7.93	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.50	0.45	0.54	20.99	ppb
Cadmium	106-1	1.35	1.03	0.01	0.80	88.09	ppb
Cadmium	111-1	0.58	0.58	0.60	0.58	1.73	ppb
Calcium	43-1	4252.99	4616.48	4601.21	4490.23	4.58	ppb
Calcium	44-1	4155.43	4519.35	4562.96	4412.58	5.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.56	22.47	22.70	22.58	0.50	ppb
Cobalt	59-2	6.34	6.43	6.38	6.39	0.72	ppb
Copper	63-2	347.04	340.95	348.20	345.40	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				110		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	11860.05	11842.33	12047.95	11916.77	0.96	ppb
Iron	57-2	11822.46	11920.66	11857.17	11866.76	0.42	ppb
Iron	54-2	11898.57	12006.85	12017.72	11974.38	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:35:44	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.66	45.49	46.18	45.11	2.89	ppb
Lead	207-1	42.96	45.32	45.88	44.72	3.47	ppb
Lead	208-1	42.96	45.36	45.67	44.66	3.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	4207.99	4282.10	4261.77	4250.62	0.90	ppb
Manganese	55-2	113.52	115.43	115.20	114.71	0.91	ppb
Molybdenum	94-1	6.42	7.13	7.00	6.85	5.50	ppb
Molybdenum	95-1	2.33	2.52	2.50	2.45	4.24	ppb
Molybdenum	96-1	2.92	3.10	3.20	3.07	4.77	ppb
Molybdenum	97-1	2.38	2.59	2.57	2.51	4.52	ppb
Molybdenum	98-1	2.42	2.59	2.56	2.52	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.24	18.38	18.51	18.38	0.73	ppb
Phosphorus	31-2	834.10	859.81	865.37	853.09	1.96	ppb
Potassium	39-2	1179.87	1176.69	1194.27	1183.61	0.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.29	0.50	0.63	0.47	35.50	ppb
Selenium	77-2	3.13	3.46	2.73	3.11	11.77	ppb
Selenium	78-2	0.18	0.52	0.12	0.27	78.95	ppb
Silicon	28-1	442.16	481.66	485.97	469.93	5.14	ppb
Silver	107-1	0.77	0.74	0.74	0.75	2.41	ppb
Silver	109-1	0.76	0.74	0.72	0.74	2.73	ppb
Sodium	23-2	6719.86	6654.53	6744.23	6706.20	0.69	ppb
Strontium	86-1	767.38	828.65	842.74	812.92	4.93	ppb
Strontium	88-1	763.62	829.04	830.77	807.81	4.74	ppb
Sulfur	34-1	2672.64	3079.47	3026.00	2926.04	7.56	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.38	0.40	0.39	0.39	2.43	ppb
Thallium	205-1	0.37	0.38	0.38	0.38	1.91	ppb
Tin	118-1	2.86	2.99	3.06	2.97	3.45	ppb
Titanium	47-1	408.30	445.43	442.46	432.06	4.78	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:35:44	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.03	2.14	2.14	2.10	3.06	ppb
Vanadium	51-2	23.96	24.14	24.25	24.12	0.61	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	118.90	121.64	121.48	120.67	1.27	ppb
Zirconium	90-1	2.53	2.70	2.77	2.67	4.51	ppb
Zirconium	91-1	2.50	2.80	2.85	2.71	6.89	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:41:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9388.66	9505.10	9482.72	9458.83	0.65	ppb
Antimony	121-1	77.11	77.09	76.78	77.00	0.24	ppb
Arsenic	75-2	404.56	415.21	410.68	410.15	1.30	ppb
Barium	135-1	187.79	187.94	188.67	188.13	0.25	ppb
Barium	137-1	191.64	190.30	192.54	191.49	0.59	ppb
Beryllium	9-1	0.24	0.24	0.26	0.25	3.43	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.04	3.16	2.86	3.02	5.04	ppb
Cadmium	106-1	1.85	1.55	2.15	1.85	16.09	ppb
Cadmium	111-1	2.57	2.50	2.33	2.47	4.95	ppb
Calcium	43-1	6689.63	6741.32	6589.19	6673.38	1.16	ppb
Calcium	44-1	6605.01	6535.86	6418.79	6519.89	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.29	32.73	32.65	32.55	0.72	ppb
Cobalt	59-2	34.14	34.52	34.44	34.37	0.57	ppb
Copper	63-2	5510.15	5586.78	5547.06	5548.00	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	36924.47	37741.22	37489.96	37385.22	1.12	ppb
Iron	57-2	36683.46	36783.44	36798.27	36755.06	0.17	ppb
Iron	54-2	37409.18	37798.15	37495.15	37567.49	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:41:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	532.49	529.43	531.50	531.14	0.29	ppb
Lead	207-1	521.33	520.98	528.68	523.66	0.83	ppb
Lead	208-1	523.36	524.72	526.78	524.95	0.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	5933.07	5877.04	5998.76	5936.29	1.03	ppb
Manganese	55-2	402.99	405.90	405.02	404.64	0.37	ppb
Molybdenum	94-1	16.37	16.64	16.68	16.56	1.03	ppb
Molybdenum	95-1	10.00	10.19	10.14	10.11	0.97	ppb
Molybdenum	96-1	10.86	11.18	11.12	11.05	1.56	ppb
Molybdenum	97-1	10.16	10.37	10.23	10.25	1.05	ppb
Molybdenum	98-1	10.05	10.15	10.18	10.13	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.32	28.93	28.78	28.68	1.11	ppb
Phosphorus	31-2	785.44	763.56	815.91	788.30	3.34	ppb
Potassium	39-2	2125.18	2145.43	2159.79	2143.47	0.81	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	2.46	2.60	2.50	2.52	3.01	ppb
Selenium	77-2	4.36	7.44	5.92	5.91	26.11	ppb
Selenium	78-2	1.32	1.92	2.67	1.97	34.37	ppb
Silicon	28-1	1080.10	1091.43	1064.28	1078.60	1.26	ppb
Silver	107-1	10.27	10.27	10.25	10.27	0.11	ppb
Silver	109-1	10.03	10.04	10.18	10.08	0.83	ppb
Sodium	23-2	13659.97	13832.51	13778.92	13757.13	0.64	ppb
Strontium	86-1	1662.68	1682.70	1672.24	1672.54	0.60	ppb
Strontium	88-1	1725.65	1729.91	1712.94	1722.83	0.51	ppb
Sulfur	34-1	13837.21	13696.49	13297.86	13610.52	2.06	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.75	0.75	0.74	0.75	0.62	ppb
Thallium	205-1	0.77	0.76	0.78	0.77	1.81	ppb
Tin	118-1	48.50	48.08	48.07	48.22	0.51	ppb
Titanium	47-1	448.65	454.27	442.74	448.55	1.28	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:41:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.27	1.29	1.28	0.79	ppb
Vanadium	51-2	35.89	36.51	36.61	36.34	1.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	1667.95	1689.30	1679.61	1678.95	0.64	ppb
Zirconium	90-1	4.32	4.41	4.36	4.36	1.00	ppb
Zirconium	91-1	4.29	4.62	4.40	4.43	3.81	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:44:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15415.24	15230.65	15254.22	15300.03	0.66	ppb
Antimony	121-1	4.09	4.17	4.20	4.15	1.33	ppb
Arsenic	75-2	53.88	53.33	54.06	53.76	0.71	ppb
Barium	135-1	163.27	167.14	167.98	166.13	1.51	ppb
Barium	137-1	165.09	170.82	170.15	168.69	1.86	ppb
Beryllium	9-1	0.98	1.13	1.02	1.05	7.58	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.69	3.11	3.18	2.99	8.74	ppb
Cadmium	106-1	3.85	3.55	2.54	3.31	20.77	ppb
Cadmium	111-1	2.85	2.86	2.93	2.88	1.41	ppb
Calcium	43-1	70602.04	72554.21	70986.90	71381.05	1.45	ppb
Calcium	44-1	69575.83	71849.98	71954.98	71126.93	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.46	36.38	36.26	36.37	0.27	ppb
Cobalt	59-2	20.80	20.44	20.59	20.61	0.89	ppb
Copper	63-2	48.48	47.44	47.97	47.96	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				112		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	43216.20	42832.18	42930.07	42992.82	0.46	ppb
Iron	57-2	43007.12	42815.61	42595.16	42805.96	0.48	ppb
Iron	54-2	43651.77	42554.29	43341.38	43182.48	1.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:44:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.97	51.87	52.71	51.85	1.67	ppb
Lead	207-1	46.99	47.88	48.68	47.85	1.76	ppb
Lead	208-1	48.51	49.31	50.04	49.29	1.55	ppb
Lithium	6-1				108		%
Magnesium	24-2	33940.92	33712.98	33605.07	33752.99	0.51	ppb
Manganese	55-2	1015.80	995.42	1010.10	1007.10	1.04	ppb
Molybdenum	94-1	6.55	6.77	7.00	6.77	3.30	ppb
Molybdenum	95-1	2.57	2.69	2.68	2.65	2.46	ppb
Molybdenum	96-1	3.30	3.45	3.41	3.39	2.40	ppb
Molybdenum	97-1	2.59	2.74	2.68	2.67	2.78	ppb
Molybdenum	98-1	2.60	2.71	2.71	2.67	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.12	54.78	54.41	54.77	0.64	ppb
Phosphorus	31-2	1002.62	997.97	971.66	990.75	1.69	ppb
Potassium	39-2	2446.29	2452.95	2436.39	2445.21	0.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	12.10	12.51	11.66	12.09	3.53	ppb
Selenium	77-2	17.07	22.59	19.43	19.69	14.06	ppb
Selenium	78-2	13.86	12.75	11.56	12.72	9.01	ppb
Silicon	28-1	910.58	949.26	948.33	936.06	2.36	ppb
Silver	107-1	0.28	0.26	0.25	0.26	4.94	ppb
Silver	109-1	0.27	0.24	0.24	0.25	7.26	ppb
Sodium	23-2	242.60	241.92	243.75	242.76	0.38	ppb
Strontium	86-1	1850.65	1903.71	1938.49	1897.62	2.33	ppb
Strontium	88-1	1895.14	1960.36	1981.79	1945.76	2.32	ppb
Sulfur	34-1	585.95	851.93	862.07	766.65	20.42	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	2.43	2.44	2.48	2.45	1.05	ppb
Thallium	205-1	2.40	2.43	2.49	2.44	1.89	ppb
Tin	118-1	1.71	1.73	1.78	1.74	2.17	ppb
Titanium	47-1	225.95	234.93	235.46	232.11	2.30	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:44:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.31	1.34	1.35	1.33	1.49	ppb
Vanadium	51-2	44.84	44.40	44.63	44.62	0.49	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	164.63	161.98	164.03	163.55	0.85	ppb
Zirconium	90-1	2.46	2.57	2.58	2.54	2.60	ppb
Zirconium	91-1	2.56	2.61	2.59	2.58	1.02	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:47:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14211.72	14116.81	13966.75	14098.43	0.88	ppb
Antimony	121-1	410.45	422.73	419.94	417.71	1.54	ppb
Arsenic	75-2	1431.84	1421.60	1444.83	1432.76	0.81	ppb
Barium	135-1	185.09	189.08	189.75	187.97	1.34	ppb
Barium	137-1	188.74	194.23	192.69	191.89	1.47	ppb
Beryllium	9-1	0.50	0.59	0.50	0.53	9.43	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.50	7.99	7.55	7.68	3.51	ppb
Cadmium	106-1	7.88	8.08	7.67	7.88	2.60	ppb
Cadmium	111-1	5.97	5.64	5.58	5.73	3.71	ppb
Calcium	43-1	19413.24	19192.82	19692.81	19432.95	1.29	ppb
Calcium	44-1	18780.18	18663.37	19147.09	18863.54	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.03	39.89	39.96	39.96	0.19	ppb
Cobalt	59-2	344.96	340.05	334.41	339.81	1.55	ppb
Copper	63-2	595.86	588.97	591.39	592.07	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	56-2	80236.56	79427.64	79278.74	79647.65	0.65	ppb
Iron	57-2	80198.65	78842.79	79232.21	79424.55	0.88	ppb
Iron	54-2	80596.66	79479.47	79810.57	79962.23	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:47:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1146.71	1123.99	1135.32	1135.34	1.00	ppb
Lead	207-1	1132.11	1102.14	1122.95	1119.07	1.37	ppb
Lead	208-1	1132.11	1110.81	1127.12	1123.35	0.99	ppb
Lithium	6-1				107		%
Magnesium	24-2	9400.45	9158.00	9369.01	9309.15	1.42	ppb
Manganese	55-2	648.53	638.82	646.43	644.59	0.79	ppb
Molybdenum	94-1	27.28	26.89	27.35	27.18	0.91	ppb
Molybdenum	95-1	18.79	18.87	19.32	18.99	1.50	ppb
Molybdenum	96-1	20.62	20.30	20.57	20.50	0.84	ppb
Molybdenum	97-1	19.12	19.06	19.31	19.16	0.67	ppb
Molybdenum	98-1	19.08	18.99	19.10	19.06	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.70	46.05	46.23	46.33	0.72	ppb
Phosphorus	31-2	1453.29	1486.52	1434.92	1458.24	1.79	ppb
Potassium	39-2	3864.59	3916.93	3862.90	3881.47	0.79	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	13.24	11.27	11.75	12.09	8.47	ppb
Selenium	77-2	17.15	15.64	12.03	14.94	17.60	ppb
Selenium	78-2	10.10	11.26	9.64	10.34	8.08	ppb
Silicon	28-1	1249.90	1240.59	1291.24	1260.58	2.14	ppb
Silver	107-1	1.69	1.72	1.73	1.71	1.12	ppb
Silver	109-1	1.63	1.74	1.74	1.70	3.56	ppb
Sodium	23-2	12267.13	12104.49	12028.48	12133.37	1.00	ppb
Strontium	86-1	3619.76	3601.54	3648.08	3623.13	0.65	ppb
Strontium	88-1	3732.10	3679.26	3796.57	3735.97	1.57	ppb
Sulfur	34-1	1634.38	1501.20	1551.76	1562.45	4.30	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	2.37	2.27	2.28	2.31	2.36	ppb
Thallium	205-1	2.37	2.27	2.27	2.31	2.44	ppb
Tin	118-1	145.96	148.07	144.87	146.30	1.11	ppb
Titanium	47-1	547.66	545.19	564.10	552.32	1.86	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:47:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.57	1.56	1.59	1.57	0.85	ppb
Vanadium	51-2	51.35	50.91	51.12	51.13	0.43	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	4946.62	4884.62	4971.96	4934.40	0.91	ppb
Zirconium	90-1	6.27	6.31	6.43	6.33	1.30	ppb
Zirconium	91-1	6.55	6.73	6.86	6.71	2.35	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:50:47	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11607.82	11537.06	11329.46	11491.45	1.26	ppb
Antimony	121-1	0.84	0.90	0.93	0.89	4.66	ppb
Arsenic	75-2	14.67	14.20	14.59	14.49	1.76	ppb
Barium	135-1	172.87	178.14	183.87	178.29	3.08	ppb
Barium	137-1	175.70	181.14	187.95	181.59	3.38	ppb
Beryllium	9-1	0.85	0.86	0.91	0.87	3.45	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.62	1.33	1.50	9.86	ppb
Cadmium	106-1	1.79	1.41	2.51	1.91	29.33	ppb
Cadmium	111-1	1.14	1.25	1.31	1.23	7.09	ppb
Calcium	43-1	69264.71	72975.33	74767.81	72335.95	3.88	ppb
Calcium	44-1	68969.68	72717.12	74051.88	71912.89	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.82	44.49	44.19	44.17	0.76	ppb
Cobalt	59-2	18.32	18.66	18.20	18.39	1.27	ppb
Copper	63-2	42.96	43.92	43.54	43.47	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	43059.01	43490.00	43004.09	43184.37	0.62	ppb
Iron	57-2	43102.91	43432.53	42431.14	42988.86	1.19	ppb
Iron	54-2	43023.75	43546.61	43126.56	43232.30	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:50:47	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.75	81.37	84.02	81.38	3.24	ppb
Lead	207-1	73.26	76.24	77.70	75.73	2.98	ppb
Lead	208-1	74.92	78.06	79.76	77.58	3.17	ppb
Lithium	6-1				108		%
Magnesium	24-2	33562.09	33743.21	33330.18	33545.16	0.62	ppb
Manganese	55-2	1589.68	1616.48	1583.10	1596.42	1.11	ppb
Molybdenum	94-1	8.59	9.11	9.29	9.00	4.07	ppb
Molybdenum	95-1	3.33	3.44	3.61	3.46	4.03	ppb
Molybdenum	96-1	4.11	4.36	4.42	4.30	3.83	ppb
Molybdenum	97-1	3.21	3.40	3.64	3.42	6.31	ppb
Molybdenum	98-1	3.32	3.42	3.58	3.44	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.44	55.31	54.93	55.23	0.47	ppb
Phosphorus	31-2	955.36	943.29	935.14	944.60	1.08	ppb
Potassium	39-2	1986.66	1997.24	2000.76	1994.89	0.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	1.07	1.09	0.54	0.90	34.43	ppb
Selenium	77-2	7.04	9.34	5.44	7.27	26.89	ppb
Selenium	78-2	0.39	0.66	0.05	0.36	83.75	ppb
Silicon	28-1	865.66	913.84	936.76	905.42	4.01	ppb
Silver	107-1	0.32	0.32	0.33	0.32	1.76	ppb
Silver	109-1	0.30	0.32	0.34	0.32	5.44	ppb
Sodium	23-2	212.41	212.24	211.73	212.12	0.17	ppb
Strontium	86-1	1726.11	1829.03	1884.99	1813.38	4.44	ppb
Strontium	88-1	1794.76	1898.51	1919.47	1870.91	3.57	ppb
Sulfur	34-1	677.10	917.45	1113.03	902.53	24.19	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.42	0.40	0.45	0.43	5.67	ppb
Thallium	205-1	0.40	0.43	0.45	0.43	5.06	ppb
Tin	118-1	2.35	1.69	1.78	1.94	18.35	ppb
Titanium	47-1	197.46	206.97	215.04	206.49	4.26	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:50:47	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.11	1.15	1.10	4.66	ppb
Vanadium	51-2	38.30	38.63	38.33	38.42	0.48	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	207.85	210.33	206.72	208.30	0.89	ppb
Zirconium	90-1	3.23	3.41	3.53	3.39	4.45	ppb
Zirconium	91-1	3.29	3.35	3.58	3.41	4.59	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:53:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11223.14	11317.17	11280.28	11273.53	0.42	ppb
Antimony	121-1	0.79	0.81	0.83	0.81	2.44	ppb
Arsenic	75-2	14.35	14.75	14.71	14.60	1.49	ppb
Barium	135-1	174.98	174.42	175.63	175.01	0.34	ppb
Barium	137-1	178.31	177.64	178.51	178.15	0.26	ppb
Beryllium	9-1	0.92	0.87	0.89	0.89	3.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.69	1.68	1.57	1.65	4.19	ppb
Cadmium	106-1	2.61	1.50	1.71	1.94	30.26	ppb
Cadmium	111-1	1.22	1.09	1.17	1.16	5.79	ppb
Calcium	43-1	71746.78	72400.30	73106.09	72417.73	0.94	ppb
Calcium	44-1	71065.83	72114.19	71835.63	71671.88	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.66	43.45	43.57	43.56	0.25	ppb
Cobalt	59-2	18.21	18.11	17.99	18.10	0.60	ppb
Copper	63-2	42.61	42.71	42.22	42.51	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	42566.41	42544.85	42252.10	42454.46	0.41	ppb
Iron	57-2	41857.48	42611.15	41671.75	42046.79	1.18	ppb
Iron	54-2	42868.34	42372.68	42376.12	42539.04	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:53:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	79.45	81.16	81.40	80.67	1.31	ppb
Lead	207-1	73.65	75.45	74.46	74.52	1.20	ppb
Lead	208-1	75.60	77.02	77.09	76.57	1.10	ppb
Lithium	6-1				108		%
Magnesium	24-2	33089.65	33023.79	32841.95	32985.13	0.39	ppb
Manganese	55-2	1568.26	1564.16	1567.72	1566.72	0.14	ppb
Molybdenum	94-1	8.64	9.02	9.05	8.90	2.54	ppb
Molybdenum	95-1	3.26	3.39	3.39	3.35	2.22	ppb
Molybdenum	96-1	4.07	4.31	4.67	4.35	6.86	ppb
Molybdenum	97-1	3.22	3.49	3.36	3.36	4.08	ppb
Molybdenum	98-1	3.36	3.43	3.39	3.40	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.04	54.25	54.40	54.23	0.33	ppb
Phosphorus	31-2	962.94	965.38	970.18	966.17	0.38	ppb
Potassium	39-2	1973.71	1999.20	2006.31	1993.07	0.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.26	0.91	0.89	1.02	20.07	ppb
Selenium	77-2	7.49	7.52	6.84	7.29	5.30	ppb
Selenium	78-2	1.17	0.61	1.88	1.22	51.92	ppb
Silicon	28-1	903.08	913.27	920.62	912.32	0.97	ppb
Silver	107-1	0.29	0.29	0.32	0.30	5.28	ppb
Silver	109-1	0.29	0.29	0.31	0.30	3.61	ppb
Sodium	23-2	203.76	205.52	205.58	204.95	0.50	ppb
Strontium	86-1	1744.15	1826.32	1804.87	1791.78	2.38	ppb
Strontium	88-1	1805.53	1888.35	1845.09	1846.32	2.24	ppb
Sulfur	34-1	1020.62	1099.87	1101.28	1073.92	4.30	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.38	0.40	0.40	0.39	2.23	ppb
Thallium	205-1	0.39	0.40	0.41	0.40	2.30	ppb
Tin	118-1	1.63	1.61	1.63	1.62	0.82	ppb
Titanium	47-1	205.29	208.54	206.82	206.88	0.79	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:53:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.10	1.10	1.09	1.51	ppb
Vanadium	51-2	37.53	37.74	37.85	37.71	0.43	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	205.46	202.50	204.51	204.15	0.74	ppb
Zirconium	90-1	3.25	3.41	3.39	3.35	2.51	ppb
Zirconium	91-1	3.29	3.41	3.36	3.35	1.76	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 16:57:12	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2294.01	2301.46	2268.75	2288.07	0.75	ppb
Antimony	121-1	0.18	0.17	0.17	0.17	4.31	ppb
Arsenic	75-2	3.15	3.41	3.13	3.23	4.79	ppb
Barium	135-1	36.92	37.29	36.86	37.02	0.62	ppb
Barium	137-1	37.61	38.12	37.62	37.78	0.77	ppb
Beryllium	9-1	0.17	0.18	0.24	0.20	21.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.32	0.23	0.28	16.52	ppb
Cadmium	106-1	0.58	-0.06	0.74	0.42	99.70	ppb
Cadmium	111-1	0.29	0.26	0.26	0.27	5.29	ppb
Calcium	43-1	15553.07	15363.75	15560.82	15492.55	0.72	ppb
Calcium	44-1	15122.82	15010.21	15119.89	15084.31	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.05	9.02	8.98	9.02	0.39	ppb
Cobalt	59-2	3.82	3.93	3.74	3.83	2.50	ppb
Copper	63-2	9.21	9.24	9.02	9.16	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	9006.33	8979.40	8839.60	8941.77	1.00	ppb
Iron	57-2	8980.96	8985.57	8935.84	8967.46	0.31	ppb
Iron	54-2	9004.53	9068.51	8932.75	9001.93	0.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 16:57:12	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.56	17.05	16.81	16.81	1.46	ppb
Lead	207-1	15.46	15.83	15.38	15.56	1.55	ppb
Lead	208-1	15.83	16.21	15.90	15.98	1.26	ppb
Lithium	6-1				103		%
Magnesium	24-2	6863.77	6998.45	6923.39	6928.54	0.97	ppb
Manganese	55-2	332.55	336.32	326.09	331.65	1.56	ppb
Molybdenum	94-1	1.89	1.78	1.81	1.83	3.01	ppb
Molybdenum	95-1	0.67	0.74	0.72	0.71	4.68	ppb
Molybdenum	96-1	0.92	0.89	0.90	0.91	1.71	ppb
Molybdenum	97-1	0.74	0.72	0.75	0.73	2.07	ppb
Molybdenum	98-1	0.71	0.69	0.71	0.70	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.49	11.38	11.15	11.34	1.54	ppb
Phosphorus	31-2	181.03	188.59	194.05	187.89	3.48	ppb
Potassium	39-2	429.41	433.16	425.08	429.22	0.94	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.07	0.18	0.07	0.11	60.75	ppb
Selenium	77-2	1.20	2.00	1.09	1.43	34.61	ppb
Selenium	78-2	-1.36	-0.22	-0.75	-0.77		ppb
Silicon	28-1	193.84	192.95	198.90	195.23	1.64	ppb
Silver	107-1	0.07	0.07	0.07	0.07	4.53	ppb
Silver	109-1	0.07	0.07	0.06	0.07	3.74	ppb
Sodium	23-2	61.21	59.85	60.43	60.49	1.13	ppb
Strontium	86-1	380.95	387.99	379.04	382.66	1.23	ppb
Strontium	88-1	382.24	387.01	384.61	384.62	0.62	ppb
Sulfur	34-1	304.24	250.53	307.64	287.47	11.14	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.09	0.08	0.09	3.97	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.40	ppb
Tin	118-1	0.36	0.39	0.36	0.37	4.25	ppb
Titanium	47-1	43.60	43.16	44.36	43.71	1.38	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 16:57:12	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.23	0.23	1.12	ppb
Vanadium	51-2	7.92	7.85	7.89	7.89	0.51	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	43.85	43.27	43.45	43.52	0.69	ppb
Zirconium	90-1	0.68	0.68	0.67	0.68	1.00	ppb
Zirconium	91-1	0.70	0.71	0.70	0.70	1.28	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:00:25	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11717.31	11692.67	11580.96	11663.65	0.62	ppb
Antimony	121-1	0.76	0.78	0.78	0.77	0.95	ppb
Arsenic	75-2	225.58	228.96	225.67	226.74	0.85	ppb
Barium	135-1	602.75	601.95	598.64	601.11	0.36	ppb
Barium	137-1	601.86	592.84	593.66	596.12	0.84	ppb
Beryllium	9-1	10.70	10.71	10.78	10.73	0.41	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.53	96.26	98.63	96.48	2.13	ppb
Cadmium	106-1	96.84	95.44	96.58	96.29	0.77	ppb
Cadmium	111-1	98.97	100.07	100.65	99.90	0.86	ppb
Calcium	43-1	71578.67	71736.76	72993.73	72103.05	1.08	ppb
Calcium	44-1	71163.14	71590.71	71356.98	71370.28	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.72	84.30	83.74	83.92	0.40	ppb
Cobalt	59-2	118.80	118.94	120.22	119.32	0.66	ppb
Copper	63-2	90.37	91.63	91.63	91.21	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				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	42518.09	42434.07	42421.09	42457.75	0.12	ppb
Iron	57-2	41987.59	42789.31	42239.18	42338.69	0.97	ppb
Iron	54-2	42997.84	42598.06	42386.47	42660.79	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:00:25	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	253.55	261.76	261.86	259.06	1.84	ppb
Lead	207-1	241.36	240.81	246.52	242.90	1.30	ppb
Lead	208-1	246.66	248.74	251.12	248.84	0.90	ppb
Lithium	6-1				108		%
Magnesium	24-2	32854.86	32759.58	32661.92	32758.79	0.29	ppb
Manganese	55-2	1660.42	1664.43	1678.97	1667.94	0.59	ppb
Molybdenum	94-1	10.27	10.23	10.51	10.34	1.47	ppb
Molybdenum	95-1	5.27	5.39	5.36	5.34	1.12	ppb
Molybdenum	96-1	6.15	6.17	6.05	6.13	1.09	ppb
Molybdenum	97-1	5.34	5.43	5.35	5.37	0.89	ppb
Molybdenum	98-1	5.30	5.37	5.30	5.32	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.28	156.42	155.72	156.47	0.50	ppb
Phosphorus	31-2	924.11	951.34	921.54	932.33	1.77	ppb
Potassium	39-2	1964.01	1980.09	1983.17	1975.76	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	223.23	227.34	225.90	225.49	0.93	ppb
Selenium	77-2	233.13	225.02	232.61	230.25	1.97	ppb
Selenium	78-2	236.00	230.81	234.42	233.75	1.14	ppb
Silicon	28-1	911.74	895.62	910.62	905.99	0.99	ppb
Silver	107-1	10.47	10.39	10.63	10.50	1.15	ppb
Silver	109-1	10.52	10.48	10.44	10.48	0.35	ppb
Sodium	23-2	193.06	196.39	196.97	195.47	1.08	ppb
Strontium	86-1	1759.42	1794.04	1782.99	1778.82	0.99	ppb
Strontium	88-1	1848.40	1870.12	1819.33	1845.95	1.38	ppb
Sulfur	34-1	933.95	998.87	1075.85	1002.89	7.08	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	185.26	185.25	188.51	186.34	1.01	ppb
Thallium	205-1	186.36	186.60	189.49	187.49	0.93	ppb
Tin	118-1	1.61	1.57	1.59	1.59	1.08	ppb
Titanium	47-1	205.09	203.13	207.96	205.39	1.18	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:00:25	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.08	1.10	1.09	0.57	ppb
Vanadium	51-2	137.89	138.49	137.91	138.10	0.24	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	304.19	301.77	304.64	303.53	0.51	ppb
Zirconium	90-1	3.21	3.30	3.27	3.26	1.51	ppb
Zirconium	91-1	3.33	3.38	3.31	3.34	1.06	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-17	Instrumnet Name :	P7
Client Sample ID :	ME2902	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:03:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13151.06	12898.01	13056.52	13035.20	0.98	ppb
Antimony	121-1	0.63	0.63	0.64	0.63	0.74	ppb
Arsenic	75-2	15.64	15.47	15.22	15.44	1.37	ppb
Barium	135-1	150.90	153.57	151.66	152.04	0.90	ppb
Barium	137-1	153.20	153.82	154.24	153.75	0.34	ppb
Beryllium	9-1	1.06	1.03	1.09	1.06	2.83	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.25	1.07	1.34	1.22	11.11	ppb
Cadmium	106-1	1.62	1.59	0.69	1.30	40.41	ppb
Cadmium	111-1	0.91	0.99	0.95	0.95	4.36	ppb
Calcium	43-1	46156.77	46476.51	46843.25	46492.18	0.74	ppb
Calcium	44-1	46222.41	45923.76	46497.60	46214.59	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.36	85.68	86.52	86.19	0.52	ppb
Cobalt	59-2	17.78	17.58	17.93	17.77	1.00	ppb
Copper	63-2	39.64	39.41	39.84	39.63	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				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	69611.73	69324.47	68914.03	69283.41	0.51	ppb
Iron	57-2	69277.58	68148.23	69314.86	68913.56	0.96	ppb
Iron	54-2	69951.16	69337.33	69711.77	69666.75	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-17	Instrumnet Name :	P7
Client Sample ID :	ME2902	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:03:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	132.80	134.73	135.36	134.30	0.99	ppb
Lead	207-1	122.17	123.74	122.92	122.95	0.64	ppb
Lead	208-1	131.00	131.23	131.56	131.26	0.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	18973.08	18782.23	18947.32	18900.88	0.55	ppb
Manganese	55-2	2447.08	2461.91	2436.01	2448.33	0.53	ppb
Molybdenum	94-1	7.86	7.82	7.67	7.78	1.29	ppb
Molybdenum	95-1	5.46	5.43	5.35	5.41	1.04	ppb
Molybdenum	96-1	6.25	6.19	6.19	6.21	0.56	ppb
Molybdenum	97-1	5.49	5.43	5.37	5.43	1.07	ppb
Molybdenum	98-1	5.57	5.54	5.47	5.52	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.81	49.87	50.71	50.46	1.02	ppb
Phosphorus	31-2	828.63	820.89	818.87	822.80	0.63	ppb
Potassium	39-2	1694.78	1677.86	1700.30	1690.98	0.69	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1.16	1.07	1.34	1.19	11.78	ppb
Selenium	77-2	6.46	4.63	6.45	5.85	18.00	ppb
Selenium	78-2	1.37	0.60	0.49	0.82	58.88	ppb
Silicon	28-1	757.69	755.50	761.63	758.27	0.41	ppb
Silver	107-1	0.36	0.35	0.33	0.35	5.08	ppb
Silver	109-1	0.37	0.34	0.33	0.35	5.63	ppb
Sodium	23-2	147.16	148.37	149.06	148.20	0.65	ppb
Strontium	86-1	1398.55	1401.89	1388.64	1396.36	0.49	ppb
Strontium	88-1	1444.09	1432.38	1409.18	1428.55	1.24	ppb
Sulfur	34-1	466.61	504.69	454.67	475.32	5.50	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.42	0.43	0.45	0.43	3.05	ppb
Thallium	205-1	0.43	0.44	0.44	0.44	1.25	ppb
Tin	118-1	2.36	2.48	2.44	2.43	2.63	ppb
Titanium	47-1	187.71	187.25	188.19	187.72	0.25	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-17	Instrumnet Name :	P7
Client Sample ID :	ME2902	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:03:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.24	1.23	1.24	0.36	ppb
Vanadium	51-2	58.89	58.06	58.85	58.60	0.80	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	247.50	246.70	249.60	247.93	0.61	ppb
Zirconium	90-1	1.79	1.82	1.80	1.80	0.92	ppb
Zirconium	91-1	1.81	1.86	1.86	1.85	1.61	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:06:43	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7826.24	7782.52	7721.64	7776.80	0.68	ppb
Antimony	121-1	8.62	9.44	9.62	9.22	5.77	ppb
Arsenic	75-2	18.32	17.66	17.73	17.90	2.02	ppb
Barium	135-1	161.00	178.08	178.60	172.56	5.80	ppb
Barium	137-1	164.34	179.85	179.67	174.62	5.10	ppb
Beryllium	9-1	1.20	1.16	1.17	1.17	1.82	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.08	6.76	7.11	6.65	7.83	ppb
Cadmium	106-1	7.08	7.12	7.15	7.12	0.52	ppb
Cadmium	111-1	5.03	5.42	5.44	5.30	4.31	ppb
Calcium	43-1	73566.13	83392.87	82298.07	79752.36	6.75	ppb
Calcium	44-1	73257.05	83169.05	82477.36	79634.49	6.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1197.12	1192.89	1193.71	1194.57	0.19	ppb
Cobalt	59-2	16.81	16.71	16.77	16.76	0.30	ppb
Copper	63-2	96.93	97.93	97.23	97.36	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				114		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	179651.37	180123.75	179886.82	179887.31	0.13	ppb
Iron	57-2	178409.07	180395.92	176881.69	178562.22	0.99	ppb
Iron	54-2	181382.60	180889.87	180383.14	180885.20	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:06:43	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	767.62	863.94	856.57	829.38	6.46	ppb
Lead	207-1	730.02	805.96	816.30	784.09	6.01	ppb
Lead	208-1	746.26	826.89	829.26	800.80	5.90	ppb
Lithium	6-1				109		%
Magnesium	24-2	15406.07	15553.21	15438.02	15465.77	0.50	ppb
Manganese	55-2	9425.63	9432.48	9366.36	9408.15	0.39	ppb
Molybdenum	94-1	21.38	23.73	24.19	23.10	6.52	ppb
Molybdenum	95-1	20.25	22.59	23.04	21.96	6.83	ppb
Molybdenum	96-1	21.56	23.79	24.07	23.14	5.95	ppb
Molybdenum	97-1	20.35	22.98	22.73	22.02	6.59	ppb
Molybdenum	98-1	20.42	22.70	22.97	22.03	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	430.62	434.60	433.74	432.99	0.48	ppb
Phosphorus	31-2	1266.91	1295.09	1263.43	1275.14	1.36	ppb
Potassium	39-2	1499.23	1502.84	1495.67	1499.25	0.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	82-1	1.46	1.57	1.58	1.54	4.34	ppb
Selenium	77-2	3.43	3.14	6.02	4.19	37.86	ppb
Selenium	78-2	2.37	0.01	-0.25	0.71	203.42	ppb
Silicon	28-1	719.81	822.43	831.89	791.38	7.85	ppb
Silver	107-1	2.73	3.07	3.08	2.96	6.75	ppb
Silver	109-1	2.75	2.99	3.03	2.93	5.21	ppb
Sodium	23-2	327.10	325.57	329.87	327.51	0.66	ppb
Strontium	86-1	2852.13	3154.61	3218.79	3075.18	6.37	ppb
Strontium	88-1	2960.77	3269.30	3275.51	3168.52	5.68	ppb
Sulfur	34-1	951.44	1449.20	1499.93	1300.19	23.31	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	1.16	1.25	1.32	1.24	6.39	ppb
Thallium	205-1	1.14	1.28	1.28	1.23	6.47	ppb
Tin	118-1	9.07	10.22	10.28	9.86	6.88	ppb
Titanium	47-1	356.07	404.25	404.77	388.36	7.20	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:06:43	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.82	0.83	0.80	6.06	ppb
Vanadium	51-2	70.52	70.61	70.58	70.57	0.06	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	2216.96	2218.03	2267.80	2234.27	1.30	ppb
Zirconium	90-1	2.60	2.94	2.97	2.84	7.30	ppb
Zirconium	91-1	2.69	2.88	3.00	2.86	5.36	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:09:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43325.03	44395.29	44421.90	44047.41	1.42	ppb
Antimony	121-1	359.09	380.21	376.37	371.89	3.02	ppb
Arsenic	75-2	1993.75	2022.12	1979.60	1998.49	1.08	ppb
Barium	135-1	903.37	961.95	951.66	938.99	3.33	ppb
Barium	137-1	904.32	963.18	953.24	940.24	3.35	ppb
Beryllium	9-1	1.19	1.07	1.05	1.10	6.68	ppb
Bismuth	209-1				136		%
Bismuth	209-2				124		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.73	16.07	15.34	15.71	2.32	ppb
Cadmium	106-1	16.15	16.93	17.33	16.80	3.56	ppb
Cadmium	111-1	11.07	12.16	11.66	11.63	4.68	ppb
Calcium	43-1	30000.32	31350.93	30996.61	30782.62	2.27	ppb
Calcium	44-1	29508.46	31010.22	30740.71	30419.80	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153.61	154.43	154.68	154.24	0.36	ppb
Cobalt	59-2	167.50	171.99	170.26	169.92	1.33	ppb
Copper	63-2	26266.48	26815.68	26839.26	26640.47	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				129		%
Holmium	165-2				118		%
Indium	115-1				130		%
Indium	115-2				117		%
Iron	56-2	175227.19	177001.30	175934.97	176054.48	0.51	ppb
Iron	57-2	173507.69	175762.76	176480.63	175250.36	0.89	ppb
Iron	54-2	174360.88	176877.93	175726.05	175654.95	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:09:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2279.88	2446.96	2431.51	2386.12	3.87	ppb
Lead	207-1	2255.25	2405.15	2394.90	2351.77	3.56	ppb
Lead	208-1	2268.05	2408.30	2398.79	2358.38	3.32	ppb
Lithium	6-1				129		%
Magnesium	24-2	27585.65	28128.64	28062.48	27925.59	1.06	ppb
Manganese	55-2	1497.50	1519.36	1500.78	1505.88	0.78	ppb
Molybdenum	94-1	73.23	77.11	76.63	75.66	2.80	ppb
Molybdenum	95-1	45.22	47.53	46.66	46.47	2.51	ppb
Molybdenum	96-1	48.99	51.78	51.41	50.73	2.99	ppb
Molybdenum	97-1	45.60	48.28	47.53	47.14	2.93	ppb
Molybdenum	98-1	45.47	47.93	47.07	46.82	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.76	138.41	137.74	137.30	1.01	ppb
Phosphorus	31-2	3860.94	3938.74	3902.54	3900.74	1.00	ppb
Potassium	39-2	9983.14	10236.61	10161.15	10126.96	1.29	ppb
Rhodium	103-1				119		%
Rhodium	103-2				113		%
Scandium	45-1				123		%
Scandium	45-2				112		%
Selenium	82-1	10.27	10.96	11.34	10.86	5.00	ppb
Selenium	77-2	22.72	24.48	23.82	23.68	3.75	ppb
Selenium	78-2	10.97	10.37	11.14	10.83	3.76	ppb
Silicon	28-1	5071.94	5331.48	5328.73	5244.05	2.84	ppb
Silver	107-1	45.93	48.01	47.45	47.13	2.29	ppb
Silver	109-1	45.57	47.80	47.27	46.88	2.48	ppb
Sodium	23-2	64549.81	66081.85	65320.75	65317.47	1.17	ppb
Strontium	86-1	7622.60	7995.36	7993.96	7870.64	2.73	ppb
Strontium	88-1	7578.35	7964.88	7878.01	7807.08	2.60	ppb
Sulfur	34-1	70822.03	73691.15	72556.66	72356.61	2.00	ppb
Terbium	159-1				128		%
Terbium	159-2				118		%
Thallium	203-1	3.22	3.35	3.41	3.33	2.89	ppb
Thallium	205-1	3.22	3.43	3.39	3.35	3.27	ppb
Tin	118-1	225.88	238.52	238.68	234.36	3.13	ppb
Titanium	47-1	2110.96	2268.79	2212.50	2197.42	3.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:09:51	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	5.55	5.90	5.97	5.80	3.91	ppb
Vanadium	51-2	171.47	171.84	172.40	171.90	0.27	ppb
Yttrium	89-1				134		%
Yttrium	89-2				120		%
Zinc	66-2	8217.92	8237.13	8317.84	8257.63	0.64	ppb
Zirconium	90-1	19.68	20.98	20.81	20.49	3.44	ppb
Zirconium	91-1	20.08	21.72	21.35	21.05	4.07	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:12:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27281.03	27038.38	27271.79	27197.07	0.51	ppb
Antimony	121-1	0.16	0.17	0.17	0.17	2.54	ppb
Arsenic	75-2	8.84	9.30	9.57	9.24	3.97	ppb
Barium	135-1	220.41	222.24	218.87	220.51	0.77	ppb
Barium	137-1	220.98	223.21	221.00	221.73	0.58	ppb
Beryllium	9-1	1.15	1.00	1.02	1.06	7.62	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.25	3.66	3.86	3.92	7.64	ppb
Cadmium	106-1	6.90	8.05	7.28	7.41	7.96	ppb
Cadmium	111-1	0.30	0.38	0.33	0.34	13.25	ppb
Calcium	43-1	18077.18	18501.04	18493.59	18357.27	1.32	ppb
Calcium	44-1	17753.92	18225.88	17930.62	17970.14	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.41	39.52	39.61	39.51	0.26	ppb
Cobalt	59-2	33.96	33.72	34.05	33.91	0.49	ppb
Copper	63-2	81.77	81.78	81.77	81.78	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				111		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	67342.19	66981.18	67284.19	67202.52	0.29	ppb
Iron	57-2	66337.33	66110.87	66853.67	66433.96	0.57	ppb
Iron	54-2	67695.47	67327.69	67621.22	67548.13	0.29	ppb
Krypton	83-1						cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:12:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.33	18.48	18.23	18.35	0.67	ppb
Lead	207-1	17.39	17.37	17.38	17.38	0.07	ppb
Lead	208-1	17.72	17.83	17.72	17.75	0.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	15941.00	15974.22	15978.16	15964.46	0.13	ppb
Manganese	55-2	927.85	935.04	916.95	926.61	0.98	ppb
Molybdenum	94-1	82.26	85.18	83.54	83.66	1.75	ppb
Molybdenum	95-1	0.73	0.77	0.73	0.75	2.86	ppb
Molybdenum	96-1	9.94	10.09	10.15	10.06	1.05	ppb
Molybdenum	97-1	0.76	0.77	0.78	0.77	1.77	ppb
Molybdenum	98-1	0.74	0.72	0.72	0.73	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.07	52.80	53.25	53.04	0.43	ppb
Phosphorus	31-2	1502.53	1491.78	1508.46	1500.93	0.56	ppb
Potassium	39-2	1628.56	1631.11	1644.50	1634.72	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.72	0.56	0.87	0.72	21.89	ppb
Selenium	77-2	9.74	9.59	9.73	9.69	0.83	ppb
Selenium	78-2	1.41	2.74	1.57	1.91	38.18	ppb
Silicon	28-1	555.07	563.03	565.33	561.14	0.96	ppb
Silver	107-1	0.17	0.16	0.16	0.16	2.17	ppb
Silver	109-1	0.13	0.13	0.13	0.13	4.14	ppb
Sodium	23-2	790.75	785.39	791.09	789.08	0.41	ppb
Strontium	86-1	2767.72	2795.19	2793.24	2785.38	0.55	ppb
Strontium	88-1	2853.52	2880.67	2832.61	2855.60	0.84	ppb
Sulfur	34-1	-1062.86	-883.72	-875.58	-940.72		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.27	0.26	0.26	1.15	ppb
Thallium	205-1	0.27	0.27	0.26	0.27	3.31	ppb
Tin	118-1	1.72	1.72	1.72	1.72	0.17	ppb
Titanium	47-1	3002.96	3005.33	3021.36	3009.88	0.33	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:12:49	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.57	1.58	1.59	1.58	0.68	ppb
Vanadium	51-2	164.98	163.53	164.85	164.45	0.49	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	136.71	136.41	137.43	136.85	0.38	ppb
Zirconium	90-1	45.06	46.49	45.72	45.76	1.57	ppb
Zirconium	91-1	45.49	46.93	46.45	46.29	1.58	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:16:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59989.49	59528.49	59171.70	59563.23	0.69	ppb
Antimony	121-1	0.10	0.10	0.10	0.10	0.26	ppb
Arsenic	75-2	6.82	7.39	6.78	7.00	4.90	ppb
Barium	135-1	208.76	212.67	214.75	212.06	1.43	ppb
Barium	137-1	212.14	214.80	217.38	214.78	1.22	ppb
Beryllium	9-1	1.26	1.22	1.20	1.23	2.69	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.49	4.83	5.36	4.89	8.90	ppb
Cadmium	106-1	8.87	9.54	9.45	9.29	3.93	ppb
Cadmium	111-1	0.45	0.45	0.42	0.44	3.84	ppb
Calcium	43-1	14731.44	14575.50	14762.00	14689.65	0.68	ppb
Calcium	44-1	14234.54	14140.38	14255.11	14210.01	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.94	54.74	54.39	54.69	0.51	ppb
Cobalt	59-2	35.32	35.08	35.04	35.15	0.43	ppb
Copper	63-2	102.90	102.77	101.49	102.39	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	73081.66	72763.50	71659.11	72501.43	1.03	ppb
Iron	57-2	72394.73	71195.33	70838.96	71476.34	1.14	ppb
Iron	54-2	73149.28	72094.13	71823.66	72355.69	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:16:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.26	26.12	26.60	26.33	0.94	ppb
Lead	207-1	24.95	24.72	25.23	24.97	1.02	ppb
Lead	208-1	25.36	25.16	25.65	25.39	0.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	23029.47	23206.56	22824.53	23020.19	0.83	ppb
Manganese	55-2	1121.79	1102.96	1111.49	1112.08	0.85	ppb
Molybdenum	94-1	110.77	108.81	111.74	110.44	1.35	ppb
Molybdenum	95-1	0.53	0.54	0.54	0.54	1.34	ppb
Molybdenum	96-1	12.51	12.69	12.64	12.61	0.73	ppb
Molybdenum	97-1	0.56	0.56	0.52	0.55	4.25	ppb
Molybdenum	98-1	0.52	0.54	0.54	0.54	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.92	55.78	54.93	55.55	0.97	ppb
Phosphorus	31-2	1669.88	1648.90	1627.33	1648.70	1.29	ppb
Potassium	39-2	2082.87	2059.68	2026.71	2056.42	1.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.72	0.48	0.65	0.62	19.94	ppb
Selenium	77-2	11.72	9.18	12.35	11.08	15.12	ppb
Selenium	78-2	1.50	2.72	1.25	1.83	43.23	ppb
Silicon	28-1	867.19	856.89	868.40	864.16	0.73	ppb
Silver	107-1	0.13	0.13	0.12	0.12	4.02	ppb
Silver	109-1	0.08	0.08	0.08	0.08	1.93	ppb
Sodium	23-2	760.37	760.09	756.82	759.09	0.26	ppb
Strontium	86-1	3041.69	3024.18	3070.32	3045.40	0.76	ppb
Strontium	88-1	3100.30	3112.15	3117.53	3109.99	0.28	ppb
Sulfur	34-1	-976.79	-1060.92	-1018.34	-1018.68		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.16	0.16	0.17	4.66	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	3.75	ppb
Tin	118-1	1.28	1.22	1.22	1.24	2.88	ppb
Titanium	47-1	2391.94	2383.15	2406.80	2393.96	0.50	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:16:03	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.27	1.30	1.28	1.15	ppb
Vanadium	51-2	153.90	153.00	151.36	152.75	0.84	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	252.33	252.30	248.50	251.04	0.88	ppb
Zirconium	90-1	62.36	62.78	60.96	62.03	1.53	ppb
Zirconium	91-1	61.21	60.41	61.58	61.07	0.98	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:20:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9309.96	9495.08	9254.72	9353.25	1.35	ppb
Antimony	121-1	74.61	75.47	74.78	74.95	0.61	ppb
Arsenic	75-2	400.06	396.66	404.52	400.41	0.98	ppb
Barium	135-1	186.32	190.54	188.33	188.40	1.12	ppb
Barium	137-1	188.31	191.49	189.12	189.64	0.87	ppb
Beryllium	9-1	0.22	0.27	0.27	0.25	12.37	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.27	3.55	3.77	3.53	7.09	ppb
Cadmium	106-1	2.06	1.63	1.59	1.76	14.74	ppb
Cadmium	111-1	2.39	2.45	2.38	2.41	1.57	ppb
Calcium	43-1	6657.15	6624.39	6678.15	6653.23	0.41	ppb
Calcium	44-1	6574.85	6598.94	6479.45	6551.08	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.59	32.58	32.94	32.70	0.63	ppb
Cobalt	59-2	34.57	34.75	34.75	34.69	0.31	ppb
Copper	63-2	5592.74	5544.40	5579.72	5572.29	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				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	37647.57	37910.19	37973.63	37843.80	0.46	ppb
Iron	57-2	36936.65	37578.29	37292.08	37269.01	0.86	ppb
Iron	54-2	37488.20	37916.20	38043.69	37816.03	0.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:20:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	533.17	539.33	533.70	535.40	0.64	ppb
Lead	207-1	525.63	530.92	524.00	526.85	0.69	ppb
Lead	208-1	523.37	532.87	524.81	527.02	0.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	5872.47	5893.02	5875.26	5880.25	0.19	ppb
Manganese	55-2	780.80	780.94	789.11	783.62	0.61	ppb
Molybdenum	94-1	16.62	16.93	16.73	16.76	0.94	ppb
Molybdenum	95-1	9.95	10.24	10.13	10.11	1.47	ppb
Molybdenum	96-1	11.12	11.29	11.23	11.21	0.79	ppb
Molybdenum	97-1	10.22	10.47	10.40	10.36	1.21	ppb
Molybdenum	98-1	10.22	10.23	10.29	10.24	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.49	28.96	28.80	29.08	1.24	ppb
Phosphorus	31-2	761.20	781.70	778.48	773.79	1.42	ppb
Potassium	39-2	2144.18	2175.89	2131.57	2150.55	1.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	2.31	2.35	2.22	2.30	2.96	ppb
Selenium	77-2	5.62	4.57	5.55	5.25	11.27	ppb
Selenium	78-2	0.36	2.12	2.47	1.65	68.66	ppb
Silicon	28-1	1142.68	1146.49	1140.29	1143.16	0.27	ppb
Silver	107-1	9.90	10.16	10.12	10.06	1.43	ppb
Silver	109-1	9.90	9.91	9.94	9.91	0.21	ppb
Sodium	23-2	13572.99	13455.93	13532.72	13520.55	0.44	ppb
Strontium	86-1	1662.60	1678.25	1678.18	1673.01	0.54	ppb
Strontium	88-1	1720.57	1751.91	1739.35	1737.28	0.91	ppb
Sulfur	34-1	13416.07	13727.60	13327.24	13490.30	1.56	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.69	0.68	0.69	0.69	1.07	ppb
Thallium	205-1	0.67	0.70	0.70	0.69	1.93	ppb
Tin	118-1	46.85	47.83	47.37	47.35	1.04	ppb
Titanium	47-1	448.71	453.16	451.59	451.15	0.50	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:20:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.28	1.27	1.27	0.97	ppb
Vanadium	51-2	36.28	36.36	36.70	36.45	0.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	1699.69	1696.23	1704.50	1700.14	0.24	ppb
Zirconium	90-1	4.56	4.55	4.52	4.54	0.47	ppb
Zirconium	91-1	4.60	4.80	4.66	4.68	2.15	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:23:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38525.88	38884.10	39117.77	38842.58	0.77	ppb
Antimony	121-1	0.13	0.12	0.14	0.13	4.59	ppb
Arsenic	75-2	6.02	6.18	6.39	6.19	2.99	ppb
Barium	135-1	220.02	224.34	228.97	224.44	1.99	ppb
Barium	137-1	222.69	227.72	231.78	227.39	2.00	ppb
Beryllium	9-1	1.02	0.95	0.94	0.97	4.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.56	4.82	4.50	4.63	3.64	ppb
Cadmium	106-1	7.08	8.40	7.90	7.79	8.58	ppb
Cadmium	111-1	0.66	0.73	0.71	0.70	4.92	ppb
Calcium	43-1	11416.82	11692.03	11794.82	11634.56	1.68	ppb
Calcium	44-1	11289.82	11384.00	11418.34	11364.05	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.36	35.53	35.93	35.61	0.82	ppb
Cobalt	59-2	24.96	25.21	25.09	25.09	0.50	ppb
Copper	63-2	58.14	59.13	58.70	58.66	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				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	51184.18	51590.86	51481.11	51418.72	0.41	ppb
Iron	57-2	50660.04	50828.07	50675.02	50721.04	0.18	ppb
Iron	54-2	50920.71	51257.62	51791.86	51323.40	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:23:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.95	46.32	46.75	46.34	0.86	ppb
Lead	207-1	43.33	44.07	44.30	43.90	1.16	ppb
Lead	208-1	44.05	44.87	45.15	44.69	1.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	13856.87	13855.41	13865.60	13859.29	0.04	ppb
Manganese	55-2	861.34	859.39	853.41	858.05	0.48	ppb
Molybdenum	94-1	95.21	95.87	98.02	96.37	1.53	ppb
Molybdenum	95-1	0.49	0.52	0.50	0.50	3.08	ppb
Molybdenum	96-1	10.76	11.02	11.20	10.99	1.99	ppb
Molybdenum	97-1	0.54	0.55	0.50	0.53	5.23	ppb
Molybdenum	98-1	0.52	0.52	0.54	0.53	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.87	37.99	38.00	37.95	0.18	ppb
Phosphorus	31-2	1219.48	1245.29	1203.86	1222.88	1.71	ppb
Potassium	39-2	1682.94	1696.71	1693.02	1690.89	0.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.49	0.71	0.54	0.58	20.45	ppb
Selenium	77-2	4.01	5.14	4.84	4.66	12.67	ppb
Selenium	78-2	-0.01	0.68	2.88	1.18	127.66	ppb
Silicon	28-1	657.70	666.58	676.68	666.98	1.42	ppb
Silver	107-1	0.11	0.10	0.12	0.11	5.96	ppb
Silver	109-1	0.07	0.07	0.07	0.07	5.94	ppb
Sodium	23-2	484.09	489.70	488.66	487.48	0.61	ppb
Strontium	86-1	3180.04	3202.04	3249.51	3210.53	1.11	ppb
Strontium	88-1	3330.76	3294.06	3323.74	3316.19	0.59	ppb
Sulfur	34-1	-1092.40	-1036.08	-1035.05	-1054.51		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.16	0.15	0.15	3.38	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	4.53	ppb
Tin	118-1	1.55	1.66	1.68	1.63	4.22	ppb
Titanium	47-1	1418.37	1426.63	1449.06	1431.35	1.11	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:23:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.05	1.05	1.04	1.60	ppb
Vanadium	51-2	120.97	121.84	121.59	121.47	0.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	333.72	337.25	339.67	336.88	0.89	ppb
Zirconium	90-1	52.26	52.63	53.53	52.81	1.24	ppb
Zirconium	91-1	52.97	53.46	54.20	53.54	1.16	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:26:35	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34097.42	34228.17	34362.85	34229.48	0.39	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	7.66	ppb
Arsenic	75-2	8.04	8.28	8.68	8.34	3.88	ppb
Barium	135-1	271.28	268.08	267.41	268.93	0.77	ppb
Barium	137-1	274.22	272.43	269.37	272.01	0.90	ppb
Beryllium	9-1	1.07	1.02	1.04	1.04	2.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.91	3.57	4.08	3.85	6.65	ppb
Cadmium	106-1	6.02	6.54	7.60	6.72	11.98	ppb
Cadmium	111-1	0.28	0.32	0.36	0.32	11.51	ppb
Calcium	43-1	16697.93	16409.90	16389.25	16499.03	1.05	ppb
Calcium	44-1	16052.68	16134.30	15885.06	16024.01	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.17	46.01	46.32	46.17	0.34	ppb
Cobalt	59-2	32.85	32.47	32.75	32.69	0.60	ppb
Copper	63-2	96.94	96.49	96.76	96.73	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				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	58455.68	58252.81	58246.99	58318.49	0.20	ppb
Iron	57-2	57332.33	57333.96	57839.16	57501.82	0.51	ppb
Iron	54-2	58446.93	57972.78	58137.29	58185.67	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:26:35	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.55	37.65	37.01	37.40	0.92	ppb
Lead	207-1	35.35	36.06	35.11	35.51	1.39	ppb
Lead	208-1	36.03	36.49	35.94	36.15	0.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	14100.17	14030.22	14050.73	14060.37	0.26	ppb
Manganese	55-2	1571.63	1563.57	1559.52	1564.91	0.39	ppb
Molybdenum	94-1	81.77	82.43	83.00	82.40	0.75	ppb
Molybdenum	95-1	0.48	0.49	0.52	0.49	3.91	ppb
Molybdenum	96-1	9.47	9.50	9.54	9.50	0.37	ppb
Molybdenum	97-1	0.50	0.52	0.50	0.50	2.14	ppb
Molybdenum	98-1	0.47	0.48	0.46	0.47	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.48	40.34	40.68	40.50	0.43	ppb
Phosphorus	31-2	1850.62	1771.71	1797.54	1806.62	2.23	ppb
Potassium	39-2	2623.91	2616.63	2631.45	2624.00	0.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.37	0.66	0.70	0.58	31.69	ppb
Selenium	77-2	4.44	7.64	4.65	5.58	32.05	ppb
Selenium	78-2	-0.28	0.49	0.69	0.30	170.35	ppb
Silicon	28-1	593.65	590.66	584.51	589.60	0.79	ppb
Silver	107-1	0.14	0.14	0.13	0.14	3.87	ppb
Silver	109-1	0.11	0.11	0.11	0.11	1.32	ppb
Sodium	23-2	394.60	388.75	394.67	392.67	0.87	ppb
Strontium	86-1	3361.55	3356.55	3400.03	3372.71	0.71	ppb
Strontium	88-1	3442.14	3425.08	3451.32	3439.51	0.39	ppb
Sulfur	34-1	-786.63	-844.92	-820.37	-817.31		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.24	0.24	0.24	2.23	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.70	ppb
Tin	118-1	1.38	1.32	1.30	1.33	2.91	ppb
Titanium	47-1	873.98	876.31	887.20	879.17	0.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:26:35	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.14	1.11	1.12	1.81	ppb
Vanadium	51-2	154.13	152.98	154.65	153.92	0.56	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	143.64	144.69	145.89	144.74	0.78	ppb
Zirconium	90-1	44.96	45.51	45.57	45.35	0.74	ppb
Zirconium	91-1	45.40	45.32	45.74	45.49	0.48	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:29:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21131.17	21389.92	21187.89	21236.33	0.64	ppb
Antimony	121-1	0.13	0.14	0.15	0.14	9.69	ppb
Arsenic	75-2	6.34	6.77	6.16	6.43	4.86	ppb
Barium	135-1	187.92	200.81	209.30	199.35	5.40	ppb
Barium	137-1	190.76	202.06	212.64	201.82	5.42	ppb
Beryllium	9-1	0.73	0.78	0.84	0.78	7.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.62	3.86	4.25	3.91	8.16	ppb
Cadmium	106-1	7.19	7.00	7.16	7.12	1.44	ppb
Cadmium	111-1	0.55	0.57	0.61	0.58	4.73	ppb
Calcium	43-1	10122.93	10757.60	11296.79	10725.77	5.48	ppb
Calcium	44-1	9968.99	10468.72	11086.66	10508.13	5.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.81	30.05	29.55	29.80	0.84	ppb
Cobalt	59-2	24.01	24.17	23.83	24.00	0.70	ppb
Copper	63-2	46.23	46.27	46.17	46.23	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				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	57251.07	56904.46	57169.12	57108.22	0.32	ppb
Iron	57-2	56101.41	56538.81	56556.74	56398.98	0.46	ppb
Iron	54-2	57457.09	56929.04	56751.22	57045.78	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:29:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.74	38.29	39.82	37.95	5.43	ppb
Lead	207-1	34.36	36.83	38.55	36.58	5.77	ppb
Lead	208-1	34.73	37.27	39.13	37.04	5.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	11083.70	11018.85	11156.70	11086.42	0.62	ppb
Manganese	55-2	695.44	698.90	703.03	699.12	0.54	ppb
Molybdenum	94-1	71.46	75.19	78.92	75.19	4.96	ppb
Molybdenum	95-1	0.67	0.72	0.73	0.71	4.38	ppb
Molybdenum	96-1	8.46	9.03	9.33	8.94	4.92	ppb
Molybdenum	97-1	0.66	0.70	0.74	0.70	5.29	ppb
Molybdenum	98-1	0.63	0.69	0.75	0.69	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.57	36.58	36.36	36.50	0.34	ppb
Phosphorus	31-2	1799.17	1783.23	1757.42	1779.94	1.18	ppb
Potassium	39-2	1547.13	1559.20	1555.83	1554.06	0.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	0.53	0.92	0.21	0.56	64.01	ppb
Selenium	77-2	8.46	7.34	8.01	7.94	7.10	ppb
Selenium	78-2	0.04	2.30	0.37	0.90	135.46	ppb
Silicon	28-1	462.12	483.43	518.23	487.93	5.80	ppb
Silver	107-1	0.10	0.09	0.10	0.10	5.53	ppb
Silver	109-1	0.06	0.07	0.08	0.07	7.52	ppb
Sodium	23-2	651.07	654.96	647.10	651.05	0.60	ppb
Strontium	86-1	2037.03	2156.96	2266.40	2153.46	5.33	ppb
Strontium	88-1	2103.56	2262.87	2308.52	2224.98	4.84	ppb
Sulfur	34-1	-919.44	-765.29	-527.90	-737.54		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.20	0.18	0.18	7.69	ppb
Thallium	205-1	0.17	0.18	0.20	0.19	7.83	ppb
Tin	118-1	1.17	1.25	1.31	1.24	5.69	ppb
Titanium	47-1	3534.96	3714.34	3947.35	3732.22	5.54	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:29:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.33	1.42	1.34	5.84	ppb
Vanadium	51-2	158.20	158.32	157.09	157.87	0.43	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	248.12	248.81	247.94	248.29	0.18	ppb
Zirconium	90-1	38.74	41.51	42.95	41.07	5.21	ppb
Zirconium	91-1	38.92	41.76	43.51	41.40	5.59	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:33:02	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18534.84	18353.92	18202.65	18363.81	0.91	ppb
Antimony	121-1	0.13	0.13	0.12	0.13	5.50	ppb
Arsenic	75-2	9.87	10.05	9.47	9.80	3.03	ppb
Barium	135-1	141.79	145.23	142.73	143.25	1.24	ppb
Barium	137-1	143.52	146.84	145.14	145.17	1.14	ppb
Beryllium	9-1	0.71	0.75	0.71	0.72	2.99	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.27	3.62	2.97	3.29	9.89	ppb
Cadmium	106-1	6.91	7.16	6.31	6.79	6.47	ppb
Cadmium	111-1	0.29	0.34	0.33	0.32	7.94	ppb
Calcium	43-1	13271.83	13333.52	13486.89	13364.08	0.83	ppb
Calcium	44-1	13029.88	13155.37	13279.73	13154.99	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.38	25.34	25.19	25.30	0.40	ppb
Cobalt	59-2	24.11	24.13	23.53	23.92	1.42	ppb
Copper	63-2	60.63	60.44	59.58	60.22	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	54445.31	54147.00	54140.53	54244.28	0.32	ppb
Iron	57-2	53654.81	53408.50	53294.95	53452.75	0.34	ppb
Iron	54-2	54550.24	54794.68	53670.39	54338.44	1.09	ppb
Krypton	83-1						cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:33:02	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.43	40.31	39.55	39.76	1.20	ppb
Lead	207-1	37.80	38.36	38.19	38.12	0.76	ppb
Lead	208-1	38.63	39.24	38.52	38.80	0.99	ppb
Lithium	6-1				102		%
Magnesium	24-2	12830.75	12625.76	12386.40	12614.30	1.76	ppb
Manganese	55-2	794.24	788.59	778.04	786.96	1.04	ppb
Molybdenum	94-1	68.17	68.43	68.29	68.30	0.19	ppb
Molybdenum	95-1	0.78	0.76	0.74	0.76	2.78	ppb
Molybdenum	96-1	8.26	8.20	8.38	8.28	1.14	ppb
Molybdenum	97-1	0.77	0.74	0.73	0.75	2.89	ppb
Molybdenum	98-1	0.76	0.71	0.74	0.74	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.03	45.92	45.43	45.79	0.70	ppb
Phosphorus	31-2	2746.64	2724.29	2694.62	2721.85	0.96	ppb
Potassium	39-2	1071.40	1063.27	1060.26	1064.98	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.97	0.32	0.04	0.44	107.21	ppb
Selenium	77-2	9.76	9.95	12.59	10.77	14.70	ppb
Selenium	78-2	2.09	2.71	1.21	2.00	37.80	ppb
Silicon	28-1	460.54	459.44	465.36	461.78	0.68	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.17	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.61	ppb
Sodium	23-2	715.09	709.33	698.33	707.58	1.20	ppb
Strontium	86-1	1876.79	1866.48	1867.70	1870.32	0.30	ppb
Strontium	88-1	1924.12	1941.31	1945.35	1936.93	0.58	ppb
Sulfur	34-1	-937.04	-889.74	-792.09	-872.95		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.17	0.16	0.16	3.65	ppb
Thallium	205-1	0.16	0.17	0.16	0.16	4.21	ppb
Tin	118-1	1.83	1.95	2.01	1.93	4.76	ppb
Titanium	47-1	2993.33	2984.12	3023.51	3000.32	0.69	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:33:02	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.02	1.02	1.02	0.33	ppb
Vanadium	51-2	135.80	135.65	133.68	135.04	0.88	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	118.98	117.22	118.32	118.17	0.75	ppb
Zirconium	90-1	37.27	37.15	37.56	37.33	0.55	ppb
Zirconium	91-1	37.61	37.37	37.58	37.52	0.34	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:36:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18277.68	18419.89	18267.72	18321.76	0.46	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	3.65	ppb
Arsenic	75-2	8.83	9.50	9.41	9.25	3.96	ppb
Barium	135-1	134.71	143.80	143.16	140.55	3.61	ppb
Barium	137-1	135.27	144.62	143.69	141.19	3.65	ppb
Beryllium	9-1	0.66	0.63	0.73	0.67	8.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.48	3.21	3.49	3.39	4.80	ppb
Cadmium	106-1	6.96	6.83	6.89	6.89	0.98	ppb
Cadmium	111-1	0.25	0.33	0.31	0.30	14.32	ppb
Calcium	43-1	12502.76	13309.44	13348.49	13053.56	3.66	ppb
Calcium	44-1	12226.16	13047.41	12995.22	12756.26	3.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.54	25.24	25.02	25.27	1.04	ppb
Cobalt	59-2	23.70	23.80	23.69	23.73	0.26	ppb
Copper	63-2	59.71	59.78	60.22	59.90	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				109		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	53771.71	54109.29	53525.46	53802.15	0.54	ppb
Iron	57-2	52981.46	53435.44	52831.28	53082.73	0.59	ppb
Iron	54-2	54416.55	53950.15	54158.35	54175.02	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:36:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.80	39.53	39.92	38.75	4.38	ppb
Lead	207-1	35.31	38.22	37.78	37.10	4.23	ppb
Lead	208-1	35.95	38.55	38.49	37.66	3.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	12543.37	12616.53	12613.71	12591.20	0.33	ppb
Manganese	55-2	793.57	794.63	778.59	788.93	1.14	ppb
Molybdenum	94-1	63.87	69.38	68.82	67.36	4.50	ppb
Molybdenum	95-1	0.71	0.75	0.75	0.74	3.28	ppb
Molybdenum	96-1	7.63	8.51	8.38	8.17	5.80	ppb
Molybdenum	97-1	0.73	0.83	0.81	0.79	6.80	ppb
Molybdenum	98-1	0.72	0.77	0.77	0.76	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.35	45.68	45.59	45.54	0.37	ppb
Phosphorus	31-2	2671.74	2678.74	2653.22	2667.90	0.49	ppb
Potassium	39-2	1065.85	1064.88	1054.96	1061.90	0.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.51	0.77	0.73	0.67	20.85	ppb
Selenium	77-2	10.09	12.45	10.48	11.01	11.49	ppb
Selenium	78-2	1.04	3.03	2.88	2.32	47.84	ppb
Silicon	28-1	436.85	463.23	459.69	453.25	3.16	ppb
Silver	107-1	0.08	0.09	0.10	0.09	6.50	ppb
Silver	109-1	0.06	0.06	0.06	0.06	5.36	ppb
Sodium	23-2	711.89	701.58	706.61	706.70	0.73	ppb
Strontium	86-1	1744.61	1888.08	1872.71	1835.13	4.29	ppb
Strontium	88-1	1812.96	1934.90	1903.55	1883.80	3.36	ppb
Sulfur	34-1	-1057.05	-842.92	-830.63	-910.20		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.17	0.15	0.16	5.36	ppb
Thallium	205-1	0.15	0.17	0.17	0.16	5.78	ppb
Tin	118-1	1.77	2.02	2.05	1.95	7.82	ppb
Titanium	47-1	2784.46	3004.81	2980.51	2923.26	4.13	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:36:16	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	1.03	1.01	1.00	4.01	ppb
Vanadium	51-2	134.01	133.31	132.99	133.44	0.39	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	117.13	117.48	115.90	116.84	0.71	ppb
Zirconium	90-1	34.63	37.53	37.32	36.49	4.42	ppb
Zirconium	91-1	34.91	38.01	37.98	36.97	4.82	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 17:39:29	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3606.13	3543.16	3592.75	3580.68	0.93	ppb
Antimony	121-1	0.03	0.03	0.02	0.02	22.03	ppb
Arsenic	75-2	2.04	1.91	1.95	1.97	3.17	ppb
Barium	135-1	28.60	28.90	28.62	28.71	0.58	ppb
Barium	137-1	28.81	29.40	29.02	29.08	1.04	ppb
Beryllium	9-1	0.15	0.14	0.18	0.16	15.77	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.81	0.59	0.71	15.33	ppb
Cadmium	106-1	1.46	2.01	0.14	1.20	80.11	ppb
Cadmium	111-1	0.06	0.06	0.05	0.06	14.29	ppb
Calcium	43-1	2735.66	2766.73	2736.83	2746.40	0.64	ppb
Calcium	44-1	2680.51	2688.92	2672.87	2680.77	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.07	4.94	5.06	5.02	1.47	ppb
Cobalt	59-2	4.94	4.93	4.96	4.94	0.26	ppb
Copper	63-2	12.44	12.42	12.32	12.40	0.52	ppb
Dysprosium	156-1						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				102		%
Indium	115-2				99		%
Iron	56-2	11055.57	10938.08	11161.14	11051.60	1.01	ppb
Iron	57-2	11087.36	10899.10	11035.52	11007.33	0.88	ppb
Iron	54-2	11194.31	11153.09	11222.02	11189.81	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 17:39:29	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.88	7.94	7.81	7.88	0.81	ppb
Lead	207-1	7.50	7.48	7.54	7.51	0.47	ppb
Lead	208-1	7.64	7.61	7.66	7.64	0.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	2587.15	2553.25	2642.86	2594.42	1.74	ppb
Manganese	55-2	157.54	155.08	157.85	156.82	0.97	ppb
Molybdenum	94-1	14.20	14.32	14.40	14.31	0.70	ppb
Molybdenum	95-1	0.15	0.15	0.15	0.15	0.76	ppb
Molybdenum	96-1	1.68	1.75	1.70	1.71	2.06	ppb
Molybdenum	97-1	0.14	0.13	0.16	0.14	13.53	ppb
Molybdenum	98-1	0.14	0.14	0.14	0.14	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.71	9.33	9.18	9.41	2.89	ppb
Phosphorus	31-2	560.57	536.91	521.39	539.62	3.66	ppb
Potassium	39-2	224.75	216.69	221.56	221.00	1.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.48	0.24	0.36	0.36	32.86	ppb
Selenium	77-2	1.68	2.14	2.00	1.94	12.23	ppb
Selenium	78-2	1.22	0.26	-0.24	0.41	180.27	ppb
Silicon	28-1	98.18	98.44	101.68	99.43	1.96	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.91	ppb
Silver	109-1	0.01	0.02	0.01	0.01	18.62	ppb
Sodium	23-2	148.75	148.32	148.01	148.36	0.25	ppb
Strontium	86-1	391.48	396.00	394.36	393.95	0.58	ppb
Strontium	88-1	393.84	395.49	394.31	394.55	0.22	ppb
Sulfur	34-1	-925.67	-879.10	-869.36	-891.38		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.05	0.04	0.04	17.56	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.59	ppb
Tin	118-1	0.43	0.43	0.45	0.44	2.34	ppb
Titanium	47-1	585.73	593.46	596.71	591.96	0.95	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 17:39:29	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.20	0.20	0.46	ppb
Vanadium	51-2	27.31	27.20	27.62	27.38	0.80	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	24.95	24.17	24.54	24.55	1.59	ppb
Zirconium	90-1	7.74	7.82	7.81	7.79	0.58	ppb
Zirconium	91-1	7.92	7.72	7.90	7.85	1.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:42:46	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18369.67	18513.98	18298.56	18394.07	0.60	ppb
Antimony	121-1	0.14	0.12	0.12	0.13	8.27	ppb
Arsenic	75-2	216.31	215.46	211.89	214.55	1.09	ppb
Barium	135-1	581.91	557.11	568.80	569.27	2.18	ppb
Barium	137-1	577.60	555.06	563.97	565.54	2.01	ppb
Beryllium	9-1	11.09	10.81	11.03	10.98	1.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	99.90	98.80	100.15	99.62	0.72	ppb
Cadmium	106-1	104.30	97.89	100.24	100.81	3.22	ppb
Cadmium	111-1	103.08	98.63	99.43	100.38	2.36	ppb
Calcium	43-1	13554.07	13043.22	13061.44	13219.58	2.19	ppb
Calcium	44-1	13202.19	12762.81	12728.75	12897.92	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.57	64.53	64.21	64.44	0.30	ppb
Cobalt	59-2	121.37	121.28	120.70	121.12	0.30	ppb
Copper	63-2	106.88	106.35	105.65	106.29	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				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	53664.25	53712.94	53451.48	53609.56	0.26	ppb
Iron	57-2	53442.76	52981.04	52184.26	52869.36	1.20	ppb
Iron	54-2	54155.91	53903.39	53187.58	53748.96	0.93	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:42:46	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	219.28	216.14	221.91	219.11	1.32	ppb
Lead	207-1	193.83	192.79	195.05	193.89	0.58	ppb
Lead	208-1	208.46	206.04	206.52	207.00	0.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	12439.95	12469.42	12413.15	12440.84	0.23	ppb
Manganese	55-2	876.95	879.67	870.36	875.66	0.55	ppb
Molybdenum	94-1	70.50	69.29	69.35	69.71	0.98	ppb
Molybdenum	95-1	2.69	2.62	2.54	2.61	2.91	ppb
Molybdenum	96-1	10.26	10.02	10.00	10.09	1.43	ppb
Molybdenum	97-1	2.73	2.64	2.60	2.66	2.56	ppb
Molybdenum	98-1	2.68	2.61	2.59	2.63	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.65	145.29	142.37	144.44	1.25	ppb
Phosphorus	31-2	2677.89	2696.40	2676.80	2683.70	0.41	ppb
Potassium	39-2	1058.23	1064.25	1048.33	1056.94	0.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	218.78	216.50	217.56	217.61	0.52	ppb
Selenium	77-2	238.34	231.95	224.76	231.68	2.93	ppb
Selenium	78-2	223.96	224.63	222.87	223.82	0.40	ppb
Silicon	28-1	461.31	444.84	439.30	448.48	2.55	ppb
Silver	107-1	10.46	10.17	10.39	10.34	1.48	ppb
Silver	109-1	10.34	10.06	10.20	10.20	1.41	ppb
Sodium	23-2	700.61	704.31	694.79	699.90	0.69	ppb
Strontium	86-1	1901.51	1837.61	1857.60	1865.57	1.75	ppb
Strontium	88-1	1949.77	1881.92	1895.75	1909.15	1.88	ppb
Sulfur	34-1	-727.91	-880.71	-898.89	-835.84		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	190.73	189.22	188.01	189.32	0.72	ppb
Thallium	205-1	188.85	186.74	189.01	188.20	0.67	ppb
Tin	118-1	1.98	1.88	1.93	1.93	2.62	ppb
Titanium	47-1	3051.60	2908.29	2979.77	2979.88	2.40	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:42:46	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.00	1.00	1.02	2.05	ppb
Vanadium	51-2	231.34	231.54	228.24	230.37	0.80	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	215.57	216.32	214.69	215.53	0.38	ppb
Zirconium	90-1	37.68	36.75	37.37	37.27	1.27	ppb
Zirconium	91-1	38.06	37.27	37.69	37.67	1.06	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BL	Instrumnet Name :	P7
Client Sample ID :	PBS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:45:51	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.18	0.85	0.60	0.88	32.82	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	149.39	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00		ppb
Barium	135-1	0.12	0.06	0.04	0.07	58.18	ppb
Barium	137-1	0.14	0.08	0.04	0.09	54.43	ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.03	-0.01	0.01	190.19	ppb
Cadmium	106-1	0.29	-0.21	-0.04	0.01	2084.53	ppb
Cadmium	111-1	0.03	0.01	0.01	0.02	67.66	ppb
Calcium	43-1	4.20	1.99	1.61	2.60	53.65	ppb
Calcium	44-1	3.92	2.47	2.09	2.83	34.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.12	-0.12	-0.07	-0.10		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.06	0.04	0.05	21.86	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2.27	1.76	1.48	1.84	21.94	ppb
Iron	57-2	0.98	2.39	1.51	1.63	43.60	ppb
Iron	54-2	2.12	1.04	1.72	1.63	33.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BL	Instrumnet Name :	P7
Client Sample ID :	PBS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:45:51	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.06	0.04	0.06	38.29	ppb
Lead	207-1	0.08	0.05	0.04	0.06	38.08	ppb
Lead	208-1	0.08	0.05	0.04	0.06	32.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.02	0.03	-0.09	-0.01		ppb
Manganese	55-2	0.13	0.12	0.12	0.12	2.87	ppb
Molybdenum	94-1	0.07	0.06	0.05	0.06	12.60	ppb
Molybdenum	95-1	-0.03	-0.03	-0.02	-0.03		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.11	-0.09	-0.11		ppb
Phosphorus	31-2	-17.02	-14.86	-16.99	-16.29		ppb
Potassium	39-2	2.14	2.88	3.58	2.86	25.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.36	-0.04	0.18	0.17	121.55	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	-0.48	-0.50	-0.39		ppb
Silicon	28-1	-2.02	-1.21	-0.92	-1.38		ppb
Silver	107-1	0.02	0.01	0.01	0.01	20.76	ppb
Silver	109-1	0.02	0.02	0.01	0.02	17.20	ppb
Sodium	23-2	2.97	2.86	3.08	2.97	3.65	ppb
Strontium	86-1	0.38	0.57	0.22	0.39	45.94	ppb
Strontium	88-1	0.56	0.37	0.30	0.41	31.68	ppb
Sulfur	34-1	-1117.70	-961.10	-967.61	-1015.47		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.06	0.04	0.05	29.66	ppb
Thallium	205-1	0.07	0.05	0.04	0.06	28.55	ppb
Tin	118-1	0.04	0.03	0.04	0.04	9.13	ppb
Titanium	47-1	0.75	0.37	0.21	0.45	62.18	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BL	Instrumnet Name :	P7
Client Sample ID :	PBS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:45:51	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	120.10	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	12.86	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.19	0.14	0.22	0.18	22.69	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	16.69	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	9.97	ppb

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BS	Instrumnet Name :	P7
Client Sample ID :	LCS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:49:11	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.84	41.89	36.06	38.60	7.74	ppb
Antimony	121-1	4.04	4.08	4.01	4.04	0.77	ppb
Arsenic	75-2	2.14	2.46	2.24	2.28	7.04	ppb
Barium	135-1	19.37	19.68	19.64	19.56	0.85	ppb
Barium	137-1	19.55	19.78	19.81	19.71	0.72	ppb
Beryllium	9-1	2.11	2.01	2.05	2.06	2.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	2.19	2.31	2.18	6.44	ppb
Cadmium	106-1	1.54	1.25	1.99	1.59	23.47	ppb
Cadmium	111-1	2.11	2.12	2.08	2.10	0.87	ppb
Calcium	43-1	1017.16	1043.00	1036.03	1032.06	1.30	ppb
Calcium	44-1	1023.30	1044.79	1035.24	1034.44	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.66	3.66	3.70	3.68	0.69	ppb
Cobalt	59-2	1.93	1.98	2.07	1.99	3.40	ppb
Copper	63-2	4.16	4.29	4.15	4.20	1.85	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				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	419.21	417.67	419.26	418.71	0.22	ppb
Iron	57-2	422.49	429.48	411.80	421.26	2.11	ppb
Iron	54-2	424.83	427.96	421.31	424.70	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BS	Instrumnet Name :	P7
Client Sample ID :	LCS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:49:11	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.87	1.91	1.93	1.90	1.68	ppb
Lead	207-1	1.86	1.88	1.93	1.89	1.78	ppb
Lead	208-1	1.87	1.89	1.92	1.89	1.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	928.06	917.94	931.41	925.80	0.76	ppb
Manganese	55-2	2.03	2.16	2.09	2.09	3.28	ppb
Molybdenum	94-1	11.34	11.44	11.38	11.39	0.40	ppb
Molybdenum	95-1	9.47	9.55	9.48	9.50	0.49	ppb
Molybdenum	96-1	9.65	9.74	9.64	9.68	0.57	ppb
Molybdenum	97-1	9.43	9.69	9.66	9.60	1.48	ppb
Molybdenum	98-1	9.40	9.64	9.67	9.57	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	2.14	1.83	1.96	8.13	ppb
Phosphorus	31-2	35.65	29.47	33.16	32.76	9.50	ppb
Potassium	39-2	1015.75	1004.66	1015.67	1012.02	0.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	10.40	10.50	10.21	10.37	1.41	ppb
Selenium	77-2	10.04	10.23	9.27	9.85	5.20	ppb
Selenium	78-2	9.46	9.90	10.81	10.06	6.85	ppb
Silicon	28-1	2.98	3.36	3.10	3.15	6.12	ppb
Silver	107-1	2.06	2.12	2.08	2.09	1.38	ppb
Silver	109-1	2.02	2.06	2.11	2.06	2.12	ppb
Sodium	23-2	910.95	907.76	912.44	910.39	0.26	ppb
Strontium	86-1	47.78	48.72	48.52	48.34	1.02	ppb
Strontium	88-1	47.59	48.11	48.90	48.20	1.37	ppb
Sulfur	34-1	-760.98	-697.03	-643.22	-700.41		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.94	1.90	1.95	1.93	1.42	ppb
Thallium	205-1	1.88	1.90	1.90	1.89	0.63	ppb
Tin	118-1	10.22	10.29	10.40	10.31	0.88	ppb
Titanium	47-1	2.43	2.48	2.38	2.43	1.99	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BS	Instrumnet Name :	P7
Client Sample ID :	LCS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:49:11	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.70	1.74	1.72	1.12	ppb
Vanadium	51-2	10.19	9.86	10.01	10.02	1.64	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	10.11	10.13	10.30	10.18	1.03	ppb
Zirconium	90-1	1.87	1.91	1.97	1.92	2.52	ppb
Zirconium	91-1	1.86	1.86	1.97	1.90	3.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BL	Instrumnet Name :	P7
Client Sample ID :	PBW859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:52:30	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.31	0.24	0.31	22.52	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	0.00	0.01	0.00	118.18	ppb
Barium	137-1	0.00	0.00	0.00	0.00	261.93	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	300.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.03	-0.03	0.00		ppb
Cadmium	106-1	0.15	-0.54	-0.04	-0.14		ppb
Cadmium	111-1	0.00	-0.01	0.00	0.00		ppb
Calcium	43-1	0.08	1.09	2.38	1.18	97.57	ppb
Calcium	44-1	2.19	1.17	1.42	1.59	33.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.13	-0.15	-0.12	-0.14		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.05	0.06	0.05	17.37	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	-0.37	-0.44	-0.42	-0.41		ppb
Iron	57-2	-0.67	-0.07	-0.54	-0.43		ppb
Iron	54-2	0.30	-0.28	-0.14	-0.04		ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BL	Instrumnet Name :	P7
Client Sample ID :	PBW859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:52:30	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.03	11.86	ppb
Lead	207-1	0.02	0.02	0.03	0.02	36.25	ppb
Lead	208-1	0.02	0.02	0.03	0.02	9.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.21	-0.05	-0.13	-0.13		ppb
Manganese	55-2	0.11	0.09	0.09	0.10	13.44	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.02	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.10	-0.11	-0.08		ppb
Phosphorus	31-2	-13.24	-16.22	-19.77	-16.41		ppb
Potassium	39-2	3.01	3.13	3.08	3.07	2.04	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.66	-0.45	-0.32	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.29	0.62	0.09	0.33	80.64	ppb
Silicon	28-1	-0.53	-0.52	-0.46	-0.50		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.27	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.33	ppb
Sodium	23-2	2.04	1.48	1.94	1.82	16.47	ppb
Strontium	86-1	0.18	0.07	0.40	0.22	79.26	ppb
Strontium	88-1	0.17	0.11	0.17	0.15	23.07	ppb
Sulfur	34-1	-614.55	-628.52	-528.34	-590.47		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.01	30.84	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	11.67	ppb
Tin	118-1	0.04	0.03	0.04	0.04	15.59	ppb
Titanium	47-1	0.01	-0.01	0.02	0.01	203.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BL	Instrumnet Name :	P7
Client Sample ID :	PBW859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:52:30	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	40.46	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.37	0.37	0.35	0.36	3.77	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	35.48	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	4.62	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BS	Instrumnet Name :	P7
Client Sample ID :	LCS859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:55:52	DataFile Name :	057LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.41	38.16	38.32	38.29	0.33	ppb
Antimony	121-1	3.86	4.13	4.26	4.08	4.94	ppb
Arsenic	75-2	2.39	2.18	2.23	2.26	4.74	ppb
Barium	135-1	18.99	20.03	20.43	19.82	3.74	ppb
Barium	137-1	19.11	20.19	20.71	20.00	4.09	ppb
Beryllium	9-1	2.06	2.16	2.20	2.14	3.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.73	2.20	2.11	2.01	12.22	ppb
Cadmium	106-1	3.52	2.39	1.35	2.42	44.91	ppb
Cadmium	111-1	2.06	2.28	2.30	2.22	5.94	ppb
Calcium	43-1	979.31	1095.12	1096.30	1056.91	6.36	ppb
Calcium	44-1	988.99	1087.97	1090.73	1055.89	5.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.96	3.87	3.90	3.91	1.18	ppb
Cobalt	59-2	2.12	2.11	2.12	2.11	0.21	ppb
Copper	63-2	4.38	4.27	4.32	4.32	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				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	436.60	435.29	438.67	436.85	0.39	ppb
Iron	57-2	432.89	435.46	439.38	435.91	0.75	ppb
Iron	54-2	440.68	445.87	441.95	442.83	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BS	Instrumnet Name :	P7
Client Sample ID :	LCS859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:55:52	DataFile Name :	057LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	2.06	2.03	1.98	5.96	ppb
Lead	207-1	1.86	1.97	2.01	1.95	3.87	ppb
Lead	208-1	1.84	1.99	2.00	1.94	4.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	972.19	965.25	964.32	967.25	0.44	ppb
Manganese	55-2	2.13	2.17	2.08	2.13	2.03	ppb
Molybdenum	94-1	10.99	11.91	11.99	11.63	4.80	ppb
Molybdenum	95-1	9.25	9.86	10.05	9.72	4.33	ppb
Molybdenum	96-1	9.47	10.26	10.28	10.00	4.59	ppb
Molybdenum	97-1	9.23	9.94	10.23	9.80	5.27	ppb
Molybdenum	98-1	9.27	10.14	10.11	9.84	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	1.96	1.97	1.95	1.76	ppb
Phosphorus	31-2	30.80	35.08	32.28	32.72	6.63	ppb
Potassium	39-2	1058.96	1063.13	1058.78	1060.29	0.23	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	10.35	10.29	10.35	10.33	0.33	ppb
Selenium	77-2	10.88	10.58	11.09	10.85	2.33	ppb
Selenium	78-2	10.63	9.02	11.78	10.48	13.26	ppb
Silicon	28-1	2.08	3.90	3.95	3.31	32.19	ppb
Silver	107-1	2.05	2.14	2.25	2.15	4.62	ppb
Silver	109-1	1.98	2.12	2.18	2.09	4.99	ppb
Sodium	23-2	951.94	945.09	953.85	950.29	0.48	ppb
Strontium	86-1	48.97	54.41	51.68	51.68	5.26	ppb
Strontium	88-1	47.50	50.83	50.82	49.72	3.86	ppb
Sulfur	34-1	-660.96	-377.48	-317.32	-451.92		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.82	2.00	2.04	1.96	5.99	ppb
Thallium	205-1	1.81	2.01	2.00	1.94	5.82	ppb
Tin	118-1	10.01	10.56	10.75	10.44	3.65	ppb
Titanium	47-1	2.30	2.33	2.62	2.42	7.26	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BS	Instrumnet Name :	P7
Client Sample ID :	LCS859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:55:52	DataFile Name :	057LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.79	1.81	1.75	5.00	ppb
Vanadium	51-2	10.31	10.43	10.23	10.33	0.98	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	10.77	10.72	10.61	10.70	0.75	ppb
Zirconium	90-1	1.80	1.99	1.99	1.93	5.72	ppb
Zirconium	91-1	1.82	2.01	2.04	1.95	6.06	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:01:58	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51006.57	51339.89	50859.32	51068.59	0.48	ppb
Antimony	121-1	494.24	505.62	497.78	499.21	1.17	ppb
Arsenic	75-2	500.44	491.18	489.51	493.71	1.19	ppb
Barium	135-1	2499.81	2570.12	2494.39	2521.44	1.68	ppb
Barium	137-1	2535.30	2547.85	2502.18	2528.44	0.93	ppb
Beryllium	9-1	478.71	488.88	487.72	485.10	1.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	487.10	498.98	487.99	491.36	1.35	ppb
Cadmium	106-1	492.12	499.69	488.40	493.40	1.17	ppb
Cadmium	111-1	469.74	482.46	474.31	475.50	1.36	ppb
Calcium	43-1	253955.30	255464.20	258819.98	256079.83	0.97	ppb
Calcium	44-1	252535.02	254955.20	255562.80	254351.00	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.13	501.04	505.61	505.26	0.80	ppb
Cobalt	59-2	491.49	490.82	493.96	492.09	0.34	ppb
Copper	63-2	4828.02	4839.05	4844.13	4837.07	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				102		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	129238.90	128764.89	128441.81	128815.20	0.31	ppb
Iron	57-2	129348.07	128257.01	127133.98	128246.35	0.86	ppb
Iron	54-2	129492.08	129154.67	128232.97	128959.90	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:01:58	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2539.02	2550.34	2604.85	2564.74	1.37	ppb
Lead	207-1	2513.80	2561.74	2574.68	2550.07	1.26	ppb
Lead	208-1	2531.12	2564.77	2586.57	2560.82	1.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	250830.80	251548.60	251070.65	251150.02	0.15	ppb
Manganese	55-2	4994.54	4977.88	4972.74	4981.72	0.23	ppb
Molybdenum	94-1	5082.25	5036.82	5038.00	5052.36	0.51	ppb
Molybdenum	95-1	5071.18	5034.54	5054.48	5053.40	0.36	ppb
Molybdenum	96-1	5138.64	5072.14	5135.59	5115.46	0.73	ppb
Molybdenum	97-1	5147.32	5071.48	5087.98	5102.26	0.78	ppb
Molybdenum	98-1	5080.60	5050.79	5084.35	5071.91	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.63	471.93	473.35	472.64	0.15	ppb
Phosphorus	31-2	10077.25	9923.50	10030.79	10010.51	0.79	ppb
Potassium	39-2	124554.95	124253.19	124960.77	124589.64	0.28	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				85		%
Selenium	82-1	487.34	484.82	485.36	485.84	0.27	ppb
Selenium	77-2	476.52	468.41	488.19	477.71	2.08	ppb
Selenium	78-2	487.56	480.80	483.86	484.07	0.70	ppb
Silicon	28-1	249.89	256.08	252.94	252.97	1.22	ppb
Silver	107-1	485.13	492.50	480.73	486.12	1.22	ppb
Silver	109-1	484.15	489.14	479.80	484.36	0.96	ppb
Sodium	23-2	250553.36	253176.66	253089.68	252273.23	0.59	ppb
Strontium	86-1	12725.79	12838.33	12492.20	12685.44	1.39	ppb
Strontium	88-1	12596.04	12666.87	12716.79	12659.90	0.48	ppb
Sulfur	34-1	10130.03	10223.81	10310.97	10221.60	0.89	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	518.49	521.30	527.28	522.36	0.86	ppb
Thallium	205-1	510.18	515.35	521.23	515.58	1.07	ppb
Tin	118-1	491.08	504.05	493.77	496.30	1.38	ppb
Titanium	47-1	5017.07	5037.62	4996.83	5017.17	0.41	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:01:58	DataFile Name :	059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	515.24	514.66	518.58	516.16	0.41	ppb
Vanadium	51-2	512.70	507.54	509.71	509.98	0.51	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	4785.13	4725.85	4734.97	4748.65	0.67	ppb
Zirconium	90-1	503.81	509.82	503.18	505.60	0.73	ppb
Zirconium	91-1	502.22	511.10	507.77	507.03	0.88	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:11:22	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.68	0.60	0.57	22.42	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	18.01	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.00	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	31.39	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	70.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.01	-0.04	-0.01		ppb
Cadmium	106-1	-0.41	-0.66	-1.00	-0.69		ppb
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Calcium	43-1	1.23	1.39	-0.12	0.83	99.68	ppb
Calcium	44-1	1.30	1.13	0.79	1.07	24.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.08	0.08	0.08	2.73	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				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	0.17	0.26	0.28	0.24	24.04	ppb
Iron	57-2	-0.20	-1.01	-0.66	-0.62		ppb
Iron	54-2	0.05	0.26	0.22	0.18	63.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:11:22	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	9.80	ppb
Lead	207-1	0.01	0.01	0.02	0.01	31.28	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.17	0.08	-0.02	0.08	122.17	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	59.05	ppb
Molybdenum	94-1	0.02	0.05	0.03	0.03	50.61	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.01	41.16	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	13.19	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	1.41	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	15.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.03	-0.01		ppb
Phosphorus	31-2	-14.86	-16.48	-18.26	-16.53		ppb
Potassium	39-2	1.87	0.39	0.12	0.79	118.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-0.14	0.07	-0.03	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.07	0.20	-0.12	0.05	327.16	ppb
Silicon	28-1	-3.38	-3.00	-3.18	-3.19		ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.35	ppb
Silver	109-1	0.01	0.00	0.00	0.00	20.32	ppb
Sodium	23-2	7.91	8.45	8.43	8.26	3.68	ppb
Strontium	86-1	-0.14	-0.31	0.11	-0.11		ppb
Strontium	88-1	0.04	0.05	0.04	0.04	10.94	ppb
Sulfur	34-1	-52.07	-28.52	-45.44	-42.01		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.02	15.61	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.41	ppb
Tin	118-1	0.02	0.01	0.01	0.01	58.80	ppb
Titanium	47-1	0.03	0.02	0.04	0.03	42.96	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:11:22	DataFile Name :	062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	87.10	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.10	0.16	0.22	0.16	35.32	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	118.89	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	57.43	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BL	Instrumnet Name :	P7
Client Sample ID :	PBS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:14:43	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.40	0.38	0.39	2.78	ppb
Antimony	121-1	0.01	0.01	0.02	0.02	34.45	ppb
Arsenic	75-2	0.00	-0.03	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	57.74	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	73.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	0.38	-0.12	0.21	0.15	164.48	ppb
Cadmium	111-1	0.00	-0.01	0.00	0.00		ppb
Calcium	43-1	3.36	1.89	2.05	2.44	33.07	ppb
Calcium	44-1	0.50	0.94	0.93	0.79	31.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.16	-0.17	-0.16	-0.16		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.04	0.03	0.05	0.04	26.28	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				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	-0.61	-0.55	-0.51	-0.56		ppb
Iron	57-2	-1.27	-1.59	-0.84	-1.23		ppb
Iron	54-2	-0.82	-0.98	-0.27	-0.69		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BL	Instrumnet Name :	P7
Client Sample ID :	PBS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:14:43	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.01	0.02	37.06	ppb
Lead	207-1	0.01	0.02	0.01	0.01	32.80	ppb
Lead	208-1	0.02	0.02	0.02	0.02	4.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.02	-0.48	-0.04	-0.18		ppb
Manganese	55-2	0.09	0.10	0.09	0.10	7.49	ppb
Molybdenum	94-1	0.02	-0.01	0.00	0.00	289.23	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.12	-0.09	-0.11		ppb
Phosphorus	31-2	-12.61	-15.06	-15.02	-14.23		ppb
Potassium	39-2	1.54	-1.71	2.04	0.62	326.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.12	0.12	0.00	0.08	90.48	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	-0.46	-1.21	-0.67		ppb
Silicon	28-1	-2.68	-2.56	-2.47	-2.57		ppb
Silver	107-1	0.00	0.00	0.00	0.00	88.32	ppb
Silver	109-1	0.01	0.00	0.00	0.00	50.16	ppb
Sodium	23-2	3.25	3.02	3.06	3.11	3.90	ppb
Strontium	86-1	0.05	-0.07	0.05	0.01	636.51	ppb
Strontium	88-1	0.11	0.11	0.09	0.11	11.32	ppb
Sulfur	34-1	-64.72	7.69	28.41	-9.54		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.01	0.01	47.50	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	18.17	ppb
Tin	118-1	0.05	0.02	0.04	0.04	39.81	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	268.86	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BL	Instrumnet Name :	P7
Client Sample ID :	PBS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:14:43	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	171.55	ppb
Vanadium	51-2	-0.01	-0.01	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	0.16	0.16	0.18	0.17	8.75	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	155.13	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	143.11	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BS	Instrumnet Name :	P7
Client Sample ID :	LCS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:18:03	DataFile Name :	064LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.27	36.20	36.28	36.25	0.12	ppb
Antimony	121-1	3.89	3.78	3.82	3.83	1.37	ppb
Arsenic	75-2	2.06	2.21	2.01	2.09	5.09	ppb
Barium	135-1	18.78	18.17	18.18	18.38	1.87	ppb
Barium	137-1	18.95	18.38	18.36	18.56	1.82	ppb
Beryllium	9-1	1.98	2.03	1.91	1.98	3.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	1.93	1.91	2.05	10.88	ppb
Cadmium	106-1	3.19	1.72	1.22	2.04	50.29	ppb
Cadmium	111-1	2.00	2.01	2.03	2.01	0.72	ppb
Calcium	43-1	1006.20	972.43	972.16	983.60	1.99	ppb
Calcium	44-1	990.96	979.56	985.21	985.24	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.54	3.44	3.44	3.47	1.67	ppb
Cobalt	59-2	1.92	1.98	1.93	1.94	1.57	ppb
Copper	63-2	3.88	3.90	3.98	3.92	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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	398.97	393.92	394.92	395.94	0.67	ppb
Iron	57-2	398.57	389.40	401.12	396.36	1.56	ppb
Iron	54-2	404.21	404.49	402.30	403.66	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BS	Instrumnet Name :	P7
Client Sample ID :	LCS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:18:03	DataFile Name :	064LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.81	1.84	1.79	1.81	1.31	ppb
Lead	207-1	1.81	1.81	1.83	1.82	0.70	ppb
Lead	208-1	1.80	1.80	1.80	1.80	0.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	884.66	887.99	895.02	889.22	0.59	ppb
Manganese	55-2	1.93	1.97	2.02	1.97	2.20	ppb
Molybdenum	94-1	10.84	10.73	10.78	10.78	0.52	ppb
Molybdenum	95-1	9.12	9.20	9.11	9.14	0.51	ppb
Molybdenum	96-1	9.38	9.39	9.26	9.34	0.77	ppb
Molybdenum	97-1	9.20	9.03	9.05	9.09	1.03	ppb
Molybdenum	98-1	9.25	9.16	9.17	9.19	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.84	1.80	1.83	1.62	ppb
Phosphorus	31-2	32.66	26.76	34.38	31.27	12.79	ppb
Potassium	39-2	951.46	958.87	965.62	958.65	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	10.31	10.12	9.39	9.94	4.89	ppb
Selenium	77-2	10.63	11.70	9.40	10.57	10.89	ppb
Selenium	78-2	7.80	11.99	9.53	9.77	21.52	ppb
Silicon	28-1	1.42	1.36	1.59	1.46	8.14	ppb
Silver	107-1	1.95	1.95	1.93	1.95	0.71	ppb
Silver	109-1	1.94	1.94	1.93	1.94	0.16	ppb
Sodium	23-2	873.77	869.62	880.56	874.65	0.63	ppb
Strontium	86-1	48.02	47.32	45.84	47.06	2.37	ppb
Strontium	88-1	47.48	46.13	46.34	46.65	1.56	ppb
Sulfur	34-1	55.88	62.13	85.69	67.90	23.16	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.80	1.80	1.79	1.80	0.40	ppb
Thallium	205-1	1.81	1.82	1.78	1.80	1.06	ppb
Tin	118-1	9.77	9.61	9.64	9.68	0.83	ppb
Titanium	47-1	2.29	2.32	2.23	2.28	1.90	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BS	Instrumnet Name :	P7
Client Sample ID :	LCS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:18:03	DataFile Name :	064LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.62	1.66	1.64	1.01	ppb
Vanadium	51-2	9.55	9.44	9.51	9.50	0.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9.96	10.18	9.93	10.02	1.36	ppb
Zirconium	90-1	1.84	1.82	1.79	1.82	1.33	ppb
Zirconium	91-1	1.85	1.78	1.86	1.83	2.57	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BL	Instrumnet Name :	P7
Client Sample ID :	PBS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:21:27	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.70	0.82	0.70	16.56	ppb
Antimony	121-1	0.00	0.01	0.00	0.01	46.77	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.01	104.77	ppb
Barium	137-1	0.00	0.00	0.00	0.00	405.73	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.00	200.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.03	0.03	0.00		ppb
Cadmium	106-1	0.91	-0.03	-0.33	0.19	349.74	ppb
Cadmium	111-1	0.02	0.00	-0.01	0.00	419.89	ppb
Calcium	43-1	1.88	2.08	0.31	1.42	68.28	ppb
Calcium	44-1	1.15	0.81	0.99	0.98	17.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.13	-0.16	-0.16	-0.15		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.02	0.04	0.02	0.03	49.30	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				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	-0.46	-0.35	-0.40	-0.40		ppb
Iron	57-2	-1.38	-0.90	-0.36	-0.88		ppb
Iron	54-2	-0.95	-0.90	-0.76	-0.87		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BL	Instrumnet Name :	P7
Client Sample ID :	PBS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:21:27	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.01	0.01	12.61	ppb
Lead	207-1	0.02	0.01	0.01	0.02	41.57	ppb
Lead	208-1	0.02	0.02	0.01	0.02	22.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.16	-0.04	-0.03	-0.08		ppb
Manganese	55-2	0.08	0.09	0.10	0.09	12.57	ppb
Molybdenum	94-1	0.23	0.23	0.23	0.23	1.13	ppb
Molybdenum	95-1	-0.01	-0.02	-0.03	-0.02		ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	39.15	ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-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	-0.10	-0.13	-0.11	-0.11		ppb
Phosphorus	31-2	-14.57	-16.06	-15.72	-15.45		ppb
Potassium	39-2	0.94	1.31	1.62	1.29	26.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.01	-0.01	-0.08	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	-0.21	-0.34	-0.19		ppb
Silicon	28-1	-2.22	-1.97	-1.98	-2.06		ppb
Silver	107-1	0.02	0.01	0.01	0.01	18.83	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.88	ppb
Sodium	23-2	1.56	1.28	1.84	1.56	17.74	ppb
Strontium	86-1	-0.06	0.09	0.21	0.08	176.09	ppb
Strontium	88-1	0.15	0.14	0.08	0.12	31.11	ppb
Sulfur	34-1	-7.78	-0.31	39.60	10.51	242.46	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.62	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.43	ppb
Tin	118-1	0.05	0.04	0.04	0.05	10.81	ppb
Titanium	47-1	0.02	0.02	0.01	0.02	48.37	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BL	Instrumnet Name :	P7
Client Sample ID :	PBS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:21:27	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	47.71	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.17	0.19	0.14	0.17	15.93	ppb
Zirconium	90-1	0.14	0.13	0.13	0.14	1.51	ppb
Zirconium	91-1	0.14	0.14	0.15	0.14	5.16	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BS	Instrumnet Name :	P7
Client Sample ID :	LCS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:24:46	DataFile Name :	066LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.85	39.78	38.80	39.48	1.48	ppb
Antimony	121-1	4.07	4.30	4.26	4.21	2.93	ppb
Arsenic	75-2	2.19	2.24	2.39	2.27	4.65	ppb
Barium	135-1	19.89	20.49	20.23	20.20	1.48	ppb
Barium	137-1	20.14	20.69	20.51	20.45	1.36	ppb
Beryllium	9-1	2.10	2.19	2.13	2.14	1.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	1.87	1.99	2.04	9.59	ppb
Cadmium	106-1	2.88	2.88	1.61	2.46	29.76	ppb
Cadmium	111-1	2.11	2.22	2.29	2.21	4.00	ppb
Calcium	43-1	1062.22	1081.36	1087.08	1076.89	1.21	ppb
Calcium	44-1	1059.77	1089.55	1076.79	1075.37	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.95	3.89	3.81	3.88	1.74	ppb
Cobalt	59-2	2.07	2.13	2.15	2.12	1.94	ppb
Copper	63-2	4.29	4.41	4.39	4.36	1.51	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	431.38	443.31	428.90	434.53	1.77	ppb
Iron	57-2	433.82	440.93	439.34	438.03	0.85	ppb
Iron	54-2	440.94	440.24	437.27	439.48	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BS	Instrumnet Name :	P7
Client Sample ID :	LCS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:24:46	DataFile Name :	066LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.97	2.00	2.05	2.00	2.26	ppb
Lead	207-1	1.89	1.95	2.01	1.95	3.11	ppb
Lead	208-1	1.92	1.97	2.02	1.97	2.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	972.58	980.60	966.51	973.23	0.73	ppb
Manganese	55-2	2.15	2.14	2.08	2.12	1.75	ppb
Molybdenum	94-1	11.73	12.09	12.17	12.00	1.95	ppb
Molybdenum	95-1	9.73	10.07	10.13	9.98	2.15	ppb
Molybdenum	96-1	9.92	10.23	10.28	10.14	1.92	ppb
Molybdenum	97-1	9.82	10.19	10.30	10.10	2.47	ppb
Molybdenum	98-1	9.74	10.10	10.22	10.02	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.09	2.11	2.11	0.66	ppb
Phosphorus	31-2	40.22	38.42	39.88	39.51	2.42	ppb
Potassium	39-2	1055.77	1059.56	1046.79	1054.04	0.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	10.50	11.06	10.59	10.71	2.83	ppb
Selenium	77-2	10.63	8.26	9.50	9.46	12.56	ppb
Selenium	78-2	9.28	10.16	11.38	10.27	10.24	ppb
Silicon	28-1	1.84	2.40	2.22	2.15	13.22	ppb
Silver	107-1	2.07	2.17	2.21	2.15	3.38	ppb
Silver	109-1	2.11	2.19	2.16	2.15	1.97	ppb
Sodium	23-2	952.10	957.15	950.16	953.14	0.38	ppb
Strontium	86-1	50.11	51.61	50.67	50.80	1.48	ppb
Strontium	88-1	49.88	50.94	50.79	50.54	1.13	ppb
Sulfur	34-1	-32.54	125.31	79.33	57.37	141.52	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.94	1.96	1.98	1.96	1.12	ppb
Thallium	205-1	1.90	1.97	1.99	1.95	2.37	ppb
Tin	118-1	10.42	10.73	10.66	10.61	1.51	ppb
Titanium	47-1	2.29	2.41	2.50	2.40	4.31	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BS	Instrumnet Name :	P7
Client Sample ID :	LCS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:24:46	DataFile Name :	066LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.75	1.77	1.83	1.78	2.24	ppb
Vanadium	51-2	10.47	10.48	10.44	10.46	0.21	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	10.93	11.09	10.85	10.95	1.14	ppb
Zirconium	90-1	1.94	2.01	2.01	1.99	2.09	ppb
Zirconium	91-1	1.89	1.99	2.03	1.97	3.69	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:28:09	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25593.29	25697.68	25858.35	25716.44	0.52	ppb
Antimony	121-1	0.18	0.19	0.18	0.18	2.69	ppb
Arsenic	75-2	7.68	8.32	7.74	7.91	4.45	ppb
Barium	135-1	97.99	98.26	101.42	99.22	1.92	ppb
Barium	137-1	98.85	99.87	101.89	100.20	1.54	ppb
Beryllium	9-1	0.99	0.98	1.03	1.00	2.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.80	0.62	0.63	0.68	14.75	ppb
Cadmium	106-1	1.52	1.72	1.79	1.68	8.56	ppb
Cadmium	111-1	0.30	0.33	0.34	0.32	6.06	ppb
Calcium	43-1	12754.07	12753.86	12807.85	12771.93	0.24	ppb
Calcium	44-1	12523.71	12421.21	12459.10	12468.01	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.04	29.94	30.01	29.99	0.17	ppb
Cobalt	59-2	31.78	31.67	31.77	31.74	0.20	ppb
Copper	63-2	92.59	91.97	93.14	92.57	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				111		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	51165.75	50622.21	51226.54	51004.83	0.65	ppb
Iron	57-2	50659.70	50382.99	50162.07	50401.59	0.49	ppb
Iron	54-2	51383.64	50652.53	51289.67	51108.61	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:28:09	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	91.40	93.37	96.69	93.82	2.85	ppb
Lead	207-1	86.42	88.01	90.92	88.45	2.58	ppb
Lead	208-1	91.52	92.67	95.73	93.31	2.33	ppb
Lithium	6-1				108		%
Magnesium	24-2	13260.41	13132.55	13359.88	13250.95	0.86	ppb
Manganese	55-2	829.17	823.70	826.61	826.49	0.33	ppb
Molybdenum	94-1	10.09	10.00	9.93	10.01	0.81	ppb
Molybdenum	95-1	0.97	0.78	0.74	0.83	15.10	ppb
Molybdenum	96-1	2.33	2.08	2.09	2.17	6.48	ppb
Molybdenum	97-1	0.91	0.81	0.82	0.84	6.86	ppb
Molybdenum	98-1	0.86	0.76	0.74	0.79	8.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.72	39.75	38.88	39.45	1.25	ppb
Phosphorus	31-2	753.20	785.99	753.38	764.19	2.47	ppb
Potassium	39-2	915.63	915.34	914.46	915.14	0.07	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.65	0.27	0.53	0.48	40.39	ppb
Selenium	77-2	5.08	6.07	4.87	5.34	12.02	ppb
Selenium	78-2	-0.11	1.59	1.81	1.10	95.62	ppb
Silicon	28-1	371.71	376.51	376.84	375.02	0.77	ppb
Silver	107-1	0.17	0.12	0.11	0.13	24.86	ppb
Silver	109-1	0.17	0.11	0.10	0.12	30.84	ppb
Sodium	23-2	236.64	236.63	238.55	237.27	0.47	ppb
Strontium	86-1	1756.90	1724.67	1758.83	1746.80	1.10	ppb
Strontium	88-1	1798.88	1793.13	1815.64	1802.55	0.65	ppb
Sulfur	34-1	-401.05	-541.36	-609.55	-517.32		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.20	0.17	0.18	0.18	8.23	ppb
Thallium	205-1	0.21	0.18	0.17	0.19	9.78	ppb
Tin	118-1	1.88	1.86	1.86	1.87	0.57	ppb
Titanium	47-1	246.29	240.33	243.04	243.22	1.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:28:09	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.96	0.97	0.96	1.39	ppb
Vanadium	51-2	118.27	117.89	118.84	118.33	0.40	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	116.01	116.78	116.67	116.49	0.36	ppb
Zirconium	90-1	5.06	5.10	5.11	5.09	0.46	ppb
Zirconium	91-1	5.17	5.02	5.06	5.08	1.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:31:20	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25239.58	25571.08	25739.41	25516.69	1.00	ppb
Antimony	121-1	0.19	0.18	0.19	0.19	2.37	ppb
Arsenic	75-2	8.23	7.95	8.26	8.15	2.13	ppb
Barium	135-1	96.01	98.82	98.39	97.74	1.55	ppb
Barium	137-1	99.74	99.25	99.74	99.58	0.29	ppb
Beryllium	9-1	1.01	1.03	1.05	1.03	1.90	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.78	0.69	0.70	10.56	ppb
Cadmium	106-1	0.93	0.65	1.51	1.03	42.52	ppb
Cadmium	111-1	0.31	0.30	0.30	0.30	1.75	ppb
Calcium	43-1	12751.62	12597.77	12745.07	12698.15	0.69	ppb
Calcium	44-1	12341.60	12380.82	12489.76	12404.06	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.90	29.46	29.92	29.76	0.87	ppb
Cobalt	59-2	31.57	31.32	31.86	31.59	0.86	ppb
Copper	63-2	92.17	92.20	93.74	92.70	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				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	50757.36	50643.55	50938.67	50779.86	0.29	ppb
Iron	57-2	50586.04	49706.95	50722.24	50338.41	1.09	ppb
Iron	54-2	51163.20	50896.93	51425.94	51162.02	0.52	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:31:20	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.90	94.08	94.93	93.97	1.08	ppb
Lead	207-1	88.38	90.15	89.89	89.47	1.07	ppb
Lead	208-1	92.61	94.65	94.36	93.87	1.17	ppb
Lithium	6-1				106		%
Magnesium	24-2	13054.70	13093.38	13206.16	13118.08	0.60	ppb
Manganese	55-2	817.26	816.74	824.05	819.35	0.50	ppb
Molybdenum	94-1	9.47	10.01	9.81	9.76	2.84	ppb
Molybdenum	95-1	0.75	0.74	0.74	0.74	1.17	ppb
Molybdenum	96-1	2.09	2.11	2.11	2.10	0.54	ppb
Molybdenum	97-1	0.76	0.77	0.79	0.77	1.93	ppb
Molybdenum	98-1	0.71	0.76	0.76	0.74	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.52	39.18	39.35	39.35	0.43	ppb
Phosphorus	31-2	764.38	752.69	720.80	745.96	3.02	ppb
Potassium	39-2	916.30	905.59	910.16	910.68	0.59	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.91	0.64	0.30	0.62	49.34	ppb
Selenium	77-2	5.40	6.33	5.62	5.78	8.42	ppb
Selenium	78-2	0.02	0.02	1.77	0.61	166.65	ppb
Silicon	28-1	388.59	374.63	382.11	381.78	1.83	ppb
Silver	107-1	0.08	0.08	0.07	0.08	5.80	ppb
Silver	109-1	0.07	0.08	0.08	0.08	3.65	ppb
Sodium	23-2	239.41	239.22	242.17	240.27	0.69	ppb
Strontium	86-1	1735.05	1750.66	1738.95	1741.56	0.47	ppb
Strontium	88-1	1777.90	1783.13	1801.68	1787.57	0.70	ppb
Sulfur	34-1	-725.68	-812.62	-809.36	-782.55		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.14	0.15	0.14	6.26	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	2.54	ppb
Tin	118-1	1.76	1.83	1.85	1.81	2.84	ppb
Titanium	47-1	239.11	239.16	240.38	239.55	0.30	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:31:20	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.96	0.98	0.96	1.23	ppb
Vanadium	51-2	118.82	118.33	119.12	118.76	0.34	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	115.97	114.96	117.51	116.15	1.11	ppb
Zirconium	90-1	5.07	5.10	5.01	5.06	0.94	ppb
Zirconium	91-1	5.02	5.02	5.18	5.08	1.76	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:34:33	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5139.99	5162.16	5174.67	5158.94	0.34	ppb
Antimony	121-1	19.10	19.47	19.50	19.36	1.14	ppb
Arsenic	75-2	1.72	1.64	1.61	1.66	3.40	ppb
Barium	135-1	19.32	19.27	19.08	19.22	0.66	ppb
Barium	137-1	19.23	19.73	19.56	19.51	1.30	ppb
Beryllium	9-1	0.18	0.19	0.22	0.20	9.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.17	0.20	0.14	69.32	ppb
Cadmium	106-1	-0.45	-0.04	-0.09	-0.19		ppb
Cadmium	111-1	0.07	0.06	0.05	0.06	16.32	ppb
Calcium	43-1	2533.13	2552.30	2520.07	2535.17	0.64	ppb
Calcium	44-1	2486.54	2488.40	2525.82	2500.25	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.00	5.90	5.77	5.89	1.91	ppb
Cobalt	59-2	6.39	6.35	6.26	6.34	1.10	ppb
Copper	63-2	18.80	18.90	18.58	18.76	0.86	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				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	10176.76	10223.86	10147.13	10182.58	0.38	ppb
Iron	57-2	10170.96	10251.13	10180.37	10200.82	0.43	ppb
Iron	54-2	10308.13	10389.54	10325.16	10340.94	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:34:33	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.80	18.07	18.22	18.03	1.18	ppb
Lead	207-1	17.02	17.26	17.06	17.12	0.75	ppb
Lead	208-1	17.18	17.53	17.44	17.38	1.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	2606.35	2623.83	2600.26	2610.15	0.47	ppb
Manganese	55-2	161.94	162.29	161.61	161.95	0.21	ppb
Molybdenum	94-1	1.88	1.85	1.77	1.84	3.04	ppb
Molybdenum	95-1	0.13	0.12	0.14	0.13	4.73	ppb
Molybdenum	96-1	0.40	0.41	0.41	0.41	1.41	ppb
Molybdenum	97-1	0.15	0.14	0.14	0.14	5.03	ppb
Molybdenum	98-1	0.13	0.16	0.15	0.15	11.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.78	8.00	7.66	7.82	2.23	ppb
Phosphorus	31-2	414.50	410.28	411.11	411.96	0.54	ppb
Potassium	39-2	590.16	588.36	585.20	587.91	0.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.22	0.39	0.03	0.21	83.44	ppb
Selenium	77-2	1.99	1.07	1.08	1.38	38.38	ppb
Selenium	78-2	0.88	0.00	-0.26	0.21	290.06	ppb
Silicon	28-1	82.79	77.67	75.78	78.75	4.61	ppb
Silver	107-1	0.02	0.02	0.01	0.02	8.99	ppb
Silver	109-1	0.01	0.02	0.02	0.02	8.36	ppb
Sodium	23-2	70.68	70.21	71.32	70.73	0.79	ppb
Strontium	86-1	344.37	348.82	356.42	349.87	1.74	ppb
Strontium	88-1	341.61	348.58	349.85	346.68	1.28	ppb
Sulfur	34-1	-939.19	-901.77	-962.71	-934.56		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.02	0.02	0.02	25.16	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.60	ppb
Tin	118-1	0.38	0.38	0.39	0.38	1.83	ppb
Titanium	47-1	46.90	47.85	48.82	47.85	2.01	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:34:33	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.19	0.18	1.45	ppb
Vanadium	51-2	23.65	23.61	23.59	23.62	0.14	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	24.36	23.53	24.17	24.02	1.82	ppb
Zirconium	90-1	0.91	0.95	0.94	0.94	2.04	ppb
Zirconium	91-1	0.84	0.95	0.94	0.91	6.68	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:37:49	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25395.25	25534.85	25642.43	25524.18	0.49	ppb
Antimony	121-1	0.19	0.18	0.19	0.18	3.35	ppb
Arsenic	75-2	219.81	216.04	214.71	216.85	1.22	ppb
Barium	135-1	508.83	524.84	508.17	513.95	1.84	ppb
Barium	137-1	513.98	515.58	512.65	514.07	0.28	ppb
Beryllium	9-1	10.82	11.02	10.82	10.89	1.08	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	92.81	96.16	96.14	95.04	2.03	ppb
Cadmium	106-1	92.92	94.08	95.71	94.24	1.48	ppb
Cadmium	111-1	98.00	98.35	99.60	98.65	0.85	ppb
Calcium	43-1	12570.20	12785.99	12633.06	12663.08	0.88	ppb
Calcium	44-1	12254.77	12360.84	12265.62	12293.75	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.01	69.11	69.11	68.74	0.93	ppb
Cobalt	59-2	128.61	129.25	128.60	128.82	0.29	ppb
Copper	63-2	139.09	140.90	139.94	139.98	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				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	50789.51	51148.84	50825.47	50921.27	0.39	ppb
Iron	57-2	49439.07	50068.57	49984.67	49830.77	0.69	ppb
Iron	54-2	50965.06	50917.22	50879.54	50920.61	0.08	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:37:49	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	267.27	269.09	274.32	270.23	1.35	ppb
Lead	207-1	250.15	250.91	259.07	253.38	1.95	ppb
Lead	208-1	257.77	256.81	262.31	258.96	1.13	ppb
Lithium	6-1				107		%
Magnesium	24-2	12981.88	13117.86	13002.57	13034.10	0.56	ppb
Manganese	55-2	907.31	915.93	917.88	913.71	0.62	ppb
Molybdenum	94-1	11.27	11.23	11.29	11.27	0.29	ppb
Molybdenum	95-1	2.67	2.61	2.69	2.66	1.52	ppb
Molybdenum	96-1	3.88	3.96	3.94	3.93	1.12	ppb
Molybdenum	97-1	2.64	2.61	2.73	2.66	2.41	ppb
Molybdenum	98-1	2.59	2.63	2.66	2.63	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.35	139.63	138.22	138.40	0.83	ppb
Phosphorus	31-2	758.60	755.47	740.32	751.46	1.30	ppb
Potassium	39-2	894.11	905.49	904.16	901.25	0.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	219.10	222.00	225.86	222.32	1.53	ppb
Selenium	77-2	233.21	241.28	234.29	236.26	1.86	ppb
Selenium	78-2	225.99	231.79	227.28	228.35	1.33	ppb
Silicon	28-1	372.04	379.75	379.39	377.06	1.15	ppb
Silver	107-1	9.93	10.34	10.31	10.19	2.23	ppb
Silver	109-1	9.90	10.23	10.29	10.14	2.09	ppb
Sodium	23-2	234.80	237.03	240.11	237.32	1.12	ppb
Strontium	86-1	1705.26	1716.17	1753.66	1725.03	1.47	ppb
Strontium	88-1	1756.53	1767.26	1788.97	1770.92	0.93	ppb
Sulfur	34-1	-939.98	-949.41	-909.72	-933.04		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	181.20	177.85	183.46	180.84	1.56	ppb
Thallium	205-1	180.05	180.93	185.02	182.00	1.46	ppb
Tin	118-1	1.82	1.84	1.79	1.81	1.38	ppb
Titanium	47-1	236.06	245.12	239.76	240.31	1.90	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:37:49	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.93	0.95	0.94	1.25	ppb
Vanadium	51-2	213.74	214.37	213.45	213.86	0.22	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	213.17	214.81	213.74	213.91	0.39	ppb
Zirconium	90-1	4.91	4.97	5.03	4.97	1.24	ppb
Zirconium	91-1	4.97	5.24	5.27	5.16	3.25	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:40:56	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13912.13	13738.82	13873.07	13841.34	0.66	ppb
Antimony	121-1	2248.43	2252.11	2282.06	2260.86	0.82	ppb
Arsenic	75-2	5868.20	5693.39	5713.36	5758.31	1.66	ppb
Barium	135-1	202.34	204.87	207.49	204.90	1.26	ppb
Barium	137-1	205.81	207.65	210.61	208.02	1.16	ppb
Beryllium	9-1	1.37	1.27	1.30	1.31	4.18	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.14	15.36	15.15	15.22	0.81	ppb
Cadmium	106-1	14.48	14.34	15.14	14.66	2.93	ppb
Cadmium	111-1	8.62	8.55	8.74	8.64	1.11	ppb
Calcium	43-1	46508.70	47977.49	46954.24	47146.81	1.60	ppb
Calcium	44-1	46131.97	47399.03	47458.38	46996.46	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.75	116.64	116.47	117.28	1.08	ppb
Cobalt	59-2	187.07	185.17	184.41	185.55	0.74	ppb
Copper	63-2	2200.03	2136.92	2143.94	2160.30	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				122		%
Indium	115-2				119		%
Iron	56-2	167042.48	165884.11	165992.65	166306.41	0.38	ppb
Iron	57-2	166558.42	164915.57	165200.83	165558.27	0.53	ppb
Iron	54-2	168737.50	166364.41	167196.98	167432.96	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:40:56	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3236.49	3265.78	3190.02	3230.77	1.18	ppb
Lead	207-1	3160.30	3218.70	3163.88	3180.96	1.03	ppb
Lead	208-1	3172.76	3214.64	3169.46	3185.62	0.79	ppb
Lithium	6-1				104		%
Magnesium	24-2	6532.43	6403.49	6438.54	6458.16	1.03	ppb
Manganese	55-2	677.46	663.58	677.13	672.72	1.18	ppb
Molybdenum	94-1	365.03	361.35	364.41	363.59	0.54	ppb
Molybdenum	95-1	408.19	407.22	407.99	407.80	0.13	ppb
Molybdenum	96-1	406.99	410.23	406.13	407.78	0.53	ppb
Molybdenum	97-1	404.76	409.21	403.32	405.77	0.76	ppb
Molybdenum	98-1	409.89	407.58	402.01	406.49	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.86	74.04	73.49	74.13	0.93	ppb
Phosphorus	31-2	1007.04	1047.94	994.12	1016.37	2.76	ppb
Potassium	39-2	3438.02	3402.85	3436.12	3425.66	0.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	3.55	3.28	3.49	3.44	4.08	ppb
Selenium	77-2	6.59	6.23	5.75	6.19	6.87	ppb
Selenium	78-2	4.09	2.74	3.49	3.44	19.68	ppb
Silicon	28-1	1545.00	1575.03	1573.56	1564.53	1.08	ppb
Silver	107-1	5.41	5.46	5.50	5.46	0.90	ppb
Silver	109-1	5.30	5.36	5.50	5.39	1.91	ppb
Sodium	23-2	11243.65	11170.25	11133.35	11182.41	0.50	ppb
Strontium	86-1	5604.79	5558.67	5580.36	5581.27	0.41	ppb
Strontium	88-1	5701.22	5765.14	5745.36	5737.24	0.57	ppb
Sulfur	34-1	3741.33	3803.48	3946.49	3830.43	2.75	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	3.67	3.70	3.71	3.69	0.57	ppb
Thallium	205-1	3.72	3.75	3.76	3.74	0.56	ppb
Tin	118-1	491.77	495.68	505.09	497.51	1.38	ppb
Titanium	47-1	689.76	704.97	706.20	700.31	1.31	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:40:56	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.39	4.44	4.38	4.40	0.73	ppb
Vanadium	51-2	43.68	43.20	43.27	43.38	0.60	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	11215.63	11050.99	11069.92	11112.18	0.81	ppb
Zirconium	90-1	16.98	17.20	17.34	17.17	1.05	ppb
Zirconium	91-1	18.33	18.54	18.73	18.53	1.07	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:43:52	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13977.76	13784.63	13807.73	13856.70	0.76	ppb
Antimony	121-1	2314.86	2329.78	2325.99	2323.55	0.33	ppb
Arsenic	75-2	5768.56	5760.63	5844.19	5791.13	0.80	ppb
Barium	135-1	205.70	212.06	208.95	208.90	1.52	ppb
Barium	137-1	209.52	212.93	211.35	211.27	0.81	ppb
Beryllium	9-1	1.39	1.37	1.33	1.36	1.94	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.38	15.38	15.88	15.54	1.86	ppb
Cadmium	106-1	15.68	16.17	15.21	15.68	3.06	ppb
Cadmium	111-1	8.59	8.82	8.68	8.70	1.28	ppb
Calcium	43-1	47870.48	47831.80	47418.74	47707.01	0.52	ppb
Calcium	44-1	47198.16	47911.20	47150.90	47420.09	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.05	117.29	116.23	117.19	0.78	ppb
Cobalt	59-2	182.44	184.91	182.90	183.41	0.72	ppb
Copper	63-2	2154.13	2173.51	2143.41	2157.02	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				111		%
Holmium	165-2				108		%
Indium	115-1				122		%
Indium	115-2				121		%
Iron	56-2	166367.32	166599.06	163744.03	165570.14	0.96	ppb
Iron	57-2	166173.17	164992.23	161778.58	164314.66	1.38	ppb
Iron	54-2	167311.22	166074.13	163353.49	165579.62	1.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:43:52	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3243.81	3374.97	3240.18	3286.32	2.34	ppb
Lead	207-1	3165.47	3266.28	3197.78	3209.85	1.60	ppb
Lead	208-1	3192.52	3313.82	3238.48	3248.27	1.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	6516.40	6363.86	6501.54	6460.60	1.30	ppb
Manganese	55-2	673.75	671.54	658.59	667.96	1.23	ppb
Molybdenum	94-1	363.78	375.16	372.35	370.43	1.60	ppb
Molybdenum	95-1	404.05	421.81	416.70	414.19	2.21	ppb
Molybdenum	96-1	403.55	418.33	414.34	412.08	1.86	ppb
Molybdenum	97-1	415.44	421.83	416.58	417.95	0.82	ppb
Molybdenum	98-1	409.11	415.52	407.72	410.79	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.23	73.92	72.82	73.32	0.75	ppb
Phosphorus	31-2	1012.61	1021.61	1009.92	1014.71	0.60	ppb
Potassium	39-2	3410.33	3398.20	3410.58	3406.37	0.21	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	3.41	3.21	3.52	3.38	4.64	ppb
Selenium	77-2	7.32	6.57	8.17	7.35	10.94	ppb
Selenium	78-2	4.57	3.64	3.17	3.79	18.82	ppb
Silicon	28-1	1582.68	1669.05	1555.38	1602.37	3.70	ppb
Silver	107-1	5.50	5.59	5.61	5.56	1.04	ppb
Silver	109-1	5.46	5.56	5.51	5.51	0.89	ppb
Sodium	23-2	11235.85	11110.11	11166.65	11170.87	0.56	ppb
Strontium	86-1	5582.21	5736.21	5717.42	5678.61	1.48	ppb
Strontium	88-1	5814.89	5867.60	5783.56	5822.02	0.73	ppb
Sulfur	34-1	3975.51	4118.88	3922.59	4005.66	2.54	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	3.66	3.81	3.74	3.74	1.91	ppb
Thallium	205-1	3.61	3.81	3.73	3.72	2.69	ppb
Tin	118-1	500.88	514.76	517.06	510.90	1.71	ppb
Titanium	47-1	708.23	717.11	705.23	710.19	0.87	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:43:52	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.29	4.50	4.43	4.41	2.45	ppb
Vanadium	51-2	43.16	43.19	43.05	43.13	0.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	11084.02	11068.14	10914.07	11022.08	0.85	ppb
Zirconium	90-1	17.28	17.65	17.64	17.52	1.21	ppb
Zirconium	91-1	18.25	19.00	18.56	18.60	2.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:46:48	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2730.85	2724.25	2718.24	2724.45	0.23	ppb
Antimony	121-1	426.78	448.63	454.63	443.35	3.31	ppb
Arsenic	75-2	1148.53	1160.21	1153.72	1154.16	0.51	ppb
Barium	135-1	39.02	40.92	40.94	40.30	2.74	ppb
Barium	137-1	39.46	41.76	41.60	40.94	3.14	ppb
Beryllium	9-1	0.24	0.21	0.30	0.25	18.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.86	3.06	2.90	2.94	3.62	ppb
Cadmium	106-1	2.29	2.18	2.76	2.41	12.82	ppb
Cadmium	111-1	1.66	1.66	1.71	1.68	1.82	ppb
Calcium	43-1	9144.42	9578.54	9632.24	9451.73	2.83	ppb
Calcium	44-1	8949.17	9392.72	9548.31	9296.73	3.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.74	23.75	24.10	23.86	0.87	ppb
Cobalt	59-2	36.75	36.80	36.86	36.81	0.16	ppb
Copper	63-2	447.39	446.40	447.84	447.21	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				111		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	34012.75	33966.94	34076.71	34018.80	0.16	ppb
Iron	57-2	33572.69	33697.54	33917.42	33729.21	0.52	ppb
Iron	54-2	34517.95	34252.85	34280.63	34350.47	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:46:48	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	636.48	666.85	662.36	655.23	2.50	ppb
Lead	207-1	623.13	652.42	652.03	642.53	2.61	ppb
Lead	208-1	623.85	659.08	651.59	644.84	2.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	1238.30	1243.79	1247.87	1243.32	0.39	ppb
Manganese	55-2	133.78	133.46	134.74	133.99	0.50	ppb
Molybdenum	94-1	68.07	71.79	72.25	70.70	3.24	ppb
Molybdenum	95-1	74.53	79.63	80.23	78.13	4.01	ppb
Molybdenum	96-1	74.05	78.71	79.39	77.39	3.75	ppb
Molybdenum	97-1	75.93	80.10	80.49	78.84	3.20	ppb
Molybdenum	98-1	75.22	79.79	80.51	78.51	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.98	15.08	14.98	15.01	0.36	ppb
Phosphorus	31-2	206.07	194.18	189.90	196.72	4.26	ppb
Potassium	39-2	710.63	719.56	710.02	713.40	0.75	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	1.19	0.61	0.67	0.82	39.09	ppb
Selenium	77-2	1.48	1.63	0.89	1.33	29.44	ppb
Selenium	78-2	0.77	0.36	-0.46	0.22	279.43	ppb
Silicon	28-1	289.17	309.51	323.48	307.39	5.61	ppb
Silver	107-1	1.03	1.07	1.11	1.07	3.66	ppb
Silver	109-1	1.03	1.10	1.11	1.08	3.87	ppb
Sodium	23-2	2255.99	2306.64	2300.95	2287.86	1.21	ppb
Strontium	86-1	1059.35	1135.09	1138.76	1111.06	4.03	ppb
Strontium	88-1	1095.56	1154.06	1159.90	1136.51	3.13	ppb
Sulfur	34-1	188.24	432.11	477.41	365.92	42.50	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.71	0.76	0.75	0.74	3.25	ppb
Thallium	205-1	0.72	0.75	0.76	0.74	2.90	ppb
Tin	118-1	91.62	97.79	97.79	95.73	3.72	ppb
Titanium	47-1	132.40	142.85	141.64	138.97	4.11	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:46:48	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.88	0.89	0.87	2.57	ppb
Vanadium	51-2	8.81	8.87	8.74	8.81	0.73	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	2267.69	2337.09	2298.61	2301.13	1.51	ppb
Zirconium	90-1	3.24	3.43	3.44	3.37	3.31	ppb
Zirconium	91-1	3.47	3.65	3.69	3.61	3.23	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:49:56	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13963.59	13862.10	13775.31	13867.00	0.68	ppb
Antimony	121-1	2034.82	2231.42	2221.68	2162.64	5.12	ppb
Arsenic	75-2	5897.51	5992.18	5867.79	5919.16	1.10	ppb
Barium	135-1	575.64	633.58	628.50	612.57	5.24	ppb
Barium	137-1	573.95	624.08	619.82	605.95	4.59	ppb
Beryllium	9-1	10.55	11.75	11.79	11.36	6.22	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.84	108.72	109.90	106.82	4.07	ppb
Cadmium	106-1	99.75	108.79	109.49	106.01	5.13	ppb
Cadmium	111-1	98.98	107.28	108.09	104.78	4.81	ppb
Calcium	43-1	42222.55	45853.87	46064.30	44713.57	4.83	ppb
Calcium	44-1	41430.60	45655.82	45599.33	44228.58	5.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155.34	154.70	152.94	154.33	0.81	ppb
Cobalt	59-2	281.50	282.20	281.51	281.74	0.14	ppb
Copper	63-2	2153.97	2170.60	2187.43	2170.67	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				113		%
Holmium	165-2				107		%
Indium	115-1				125		%
Indium	115-2				118		%
Iron	56-2	164538.62	163173.34	161783.78	163165.25	0.84	ppb
Iron	57-2	162200.07	162121.09	160869.26	161730.14	0.46	ppb
Iron	54-2	165457.37	163680.33	162468.18	163868.62	0.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:49:56	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3038.51	3300.60	3337.21	3225.44	5.05	ppb
Lead	207-1	3004.70	3240.62	3227.93	3157.75	4.20	ppb
Lead	208-1	2997.84	3262.90	3267.93	3176.22	4.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	6319.15	6303.40	6257.22	6293.26	0.51	ppb
Manganese	55-2	759.91	750.09	756.39	755.46	0.66	ppb
Molybdenum	94-1	328.69	359.26	354.18	347.37	4.72	ppb
Molybdenum	95-1	368.12	394.92	399.49	387.51	4.37	ppb
Molybdenum	96-1	368.42	393.81	392.28	384.84	3.70	ppb
Molybdenum	97-1	365.10	401.47	396.37	387.64	5.08	ppb
Molybdenum	98-1	366.22	396.04	391.08	384.45	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	174.06	173.98	171.86	173.30	0.72	ppb
Phosphorus	31-2	1004.58	964.80	983.08	984.15	2.02	ppb
Potassium	39-2	3379.73	3347.17	3296.52	3341.14	1.25	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	210.84	224.08	225.76	220.23	3.71	ppb
Selenium	77-2	230.75	233.46	227.47	230.56	1.30	ppb
Selenium	78-2	230.96	243.90	235.40	236.75	2.78	ppb
Silicon	28-1	1468.08	1492.34	1544.08	1501.50	2.59	ppb
Silver	107-1	14.28	15.67	15.80	15.25	5.51	ppb
Silver	109-1	14.39	15.54	15.61	15.18	4.53	ppb
Sodium	23-2	11088.09	10996.30	10939.49	11007.96	0.68	ppb
Strontium	86-1	5019.30	5436.10	5405.40	5286.93	4.39	ppb
Strontium	88-1	5141.85	5557.45	5577.09	5425.46	4.53	ppb
Sulfur	34-1	3140.07	3847.57	3832.45	3606.69	11.21	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	166.10	183.80	180.96	176.95	5.37	ppb
Thallium	205-1	165.39	181.19	184.15	176.91	5.70	ppb
Tin	118-1	448.41	492.02	492.06	477.50	5.28	ppb
Titanium	47-1	614.13	679.27	684.15	659.18	5.93	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:49:56	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.85	4.24	4.22	4.10	5.36	ppb
Vanadium	51-2	141.65	141.27	140.01	140.98	0.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	10931.66	10857.16	10918.96	10902.59	0.37	ppb
Zirconium	90-1	15.17	16.64	16.61	16.14	5.21	ppb
Zirconium	91-1	19.83	18.00	18.04	18.63	5.62	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04	Instrumnet Name :	P7
Client Sample ID :	ME2926	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:52:48	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21143.73	21370.32	21002.12	21172.06	0.88	ppb
Antimony	121-1	1.14	1.04	0.96	1.05	8.57	ppb
Arsenic	75-2	16.76	16.53	16.51	16.60	0.83	ppb
Barium	135-1	246.64	246.12	247.61	246.79	0.31	ppb
Barium	137-1	250.44	251.28	250.16	250.63	0.23	ppb
Beryllium	9-1	1.36	1.21	1.27	1.28	6.00	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.04	0.95	1.06	11.57	ppb
Cadmium	106-1	2.35	2.11	1.01	1.82	39.03	ppb
Cadmium	111-1	0.53	0.54	0.52	0.53	1.62	ppb
Calcium	43-1	89903.83	90218.71	89892.78	90005.11	0.21	ppb
Calcium	44-1	89203.90	89926.99	90067.15	89732.68	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.87	43.47	43.11	43.48	0.87	ppb
Cobalt	59-2	28.10	27.91	28.00	28.00	0.33	ppb
Copper	63-2	49.45	49.42	49.38	49.42	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	53948.36	53710.53	53763.59	53807.49	0.23	ppb
Iron	57-2	53318.11	54170.02	53257.77	53581.97	0.95	ppb
Iron	54-2	54271.43	54175.30	54118.53	54188.42	0.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04	Instrumnet Name :	P7
Client Sample ID :	ME2926	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:52:48	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.48	36.86	36.30	36.55	0.78	ppb
Lead	207-1	33.32	33.50	33.08	33.30	0.64	ppb
Lead	208-1	34.55	34.79	34.37	34.57	0.61	ppb
Lithium	6-1				105		%
Magnesium	24-2	35469.27	35259.95	34916.16	35215.13	0.79	ppb
Manganese	55-2	938.81	942.53	939.08	940.14	0.22	ppb
Molybdenum	94-1	14.17	14.22	14.29	14.23	0.41	ppb
Molybdenum	95-1	2.81	2.82	2.90	2.85	1.71	ppb
Molybdenum	96-1	4.41	4.39	4.40	4.40	0.19	ppb
Molybdenum	97-1	2.82	2.80	2.96	2.86	3.15	ppb
Molybdenum	98-1	2.85	2.88	2.81	2.85	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.87	72.59	72.22	72.22	0.49	ppb
Phosphorus	31-2	1068.22	1047.45	1021.40	1045.69	2.24	ppb
Potassium	39-2	3463.48	3444.67	3506.49	3471.55	0.91	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	1.10	1.43	1.15	1.23	14.51	ppb
Selenium	77-2	9.90	9.40	10.61	9.97	6.11	ppb
Selenium	78-2	1.08	1.21	0.57	0.95	35.65	ppb
Silicon	28-1	266.38	255.27	278.37	266.67	4.33	ppb
Silver	107-1	0.21	0.18	0.16	0.18	14.60	ppb
Silver	109-1	0.19	0.16	0.14	0.16	15.79	ppb
Sodium	23-2	258.15	258.87	260.12	259.04	0.38	ppb
Strontium	86-1	3003.88	3023.59	3069.10	3032.19	1.10	ppb
Strontium	88-1	3137.29	3136.99	3088.72	3121.00	0.90	ppb
Sulfur	34-1	1062.29	1072.48	1250.67	1128.48	9.39	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.47	0.44	0.42	0.44	5.63	ppb
Thallium	205-1	0.47	0.43	0.43	0.45	4.75	ppb
Tin	118-1	1.20	1.15	1.12	1.16	3.60	ppb
Titanium	47-1	242.66	241.22	246.02	243.30	1.01	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04	Instrumnet Name :	P7
Client Sample ID :	ME2926	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:52:48	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.70	1.72	1.72	1.71	0.51	ppb
Vanadium	51-2	54.31	53.79	54.21	54.11	0.51	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	159.52	158.52	158.31	158.78	0.41	ppb
Zirconium	90-1	6.40	6.55	6.69	6.55	2.22	ppb
Zirconium	91-1	6.47	6.56	7.18	6.73	5.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-05	Instrumnet Name :	P7
Client Sample ID :	ME2926D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:56:00	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20890.77	20788.36	21006.79	20895.31	0.52	ppb
Antimony	121-1	0.56	0.54	0.55	0.55	1.88	ppb
Arsenic	75-2	16.31	16.29	16.26	16.29	0.16	ppb
Barium	135-1	242.06	242.95	241.39	242.14	0.32	ppb
Barium	137-1	244.05	244.61	243.86	244.17	0.16	ppb
Beryllium	9-1	1.27	1.24	1.30	1.27	2.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.00	0.90	0.95	0.95	5.01	ppb
Cadmium	106-1	1.75	1.59	0.70	1.34	42.11	ppb
Cadmium	111-1	0.47	0.47	0.47	0.47	0.12	ppb
Calcium	43-1	86533.48	89221.23	89307.20	88353.97	1.79	ppb
Calcium	44-1	87106.03	88221.85	88308.90	87878.93	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.88	43.07	43.05	43.00	0.24	ppb
Cobalt	59-2	27.66	27.28	27.61	27.51	0.74	ppb
Copper	63-2	49.17	48.91	49.09	49.05	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				110		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	53488.11	53202.49	53122.65	53271.08	0.36	ppb
Iron	57-2	53336.85	53126.88	53377.44	53280.39	0.25	ppb
Iron	54-2	53248.52	53299.41	53783.37	53443.76	0.55	ppb
Krypton	83-1						cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-05	Instrumnet Name :	P7
Client Sample ID :	ME2926D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:56:00	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.09	35.13	35.49	35.24	0.63	ppb
Lead	207-1	31.84	31.66	32.50	32.00	1.37	ppb
Lead	208-1	33.00	33.21	33.70	33.30	1.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	34486.85	34598.46	34526.89	34537.40	0.16	ppb
Manganese	55-2	929.93	928.87	945.76	934.85	1.01	ppb
Molybdenum	94-1	13.73	14.22	14.09	14.01	1.78	ppb
Molybdenum	95-1	2.63	2.72	2.73	2.69	1.95	ppb
Molybdenum	96-1	4.25	4.27	4.30	4.27	0.58	ppb
Molybdenum	97-1	2.69	2.76	2.77	2.74	1.62	ppb
Molybdenum	98-1	2.65	2.75	2.73	2.71	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.74	70.81	71.21	70.92	0.36	ppb
Phosphorus	31-2	1028.46	1028.83	990.21	1015.83	2.18	ppb
Potassium	39-2	3328.70	3338.72	3343.87	3337.10	0.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	1.18	0.60	0.83	0.87	33.58	ppb
Selenium	77-2	7.82	8.63	8.28	8.24	4.94	ppb
Selenium	78-2	1.12	1.34	1.58	1.35	17.12	ppb
Silicon	28-1	217.15	251.32	265.94	244.80	10.23	ppb
Silver	107-1	0.14	0.13	0.14	0.13	4.16	ppb
Silver	109-1	0.13	0.14	0.13	0.13	4.95	ppb
Sodium	23-2	257.56	253.37	256.43	255.79	0.85	ppb
Strontium	86-1	2952.06	3003.44	3009.02	2988.17	1.05	ppb
Strontium	88-1	3050.22	3052.64	3049.17	3050.68	0.06	ppb
Sulfur	34-1	1081.64	1258.68	1287.34	1209.22	9.21	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.38	0.37	0.40	0.39	3.64	ppb
Thallium	205-1	0.39	0.40	0.39	0.39	1.16	ppb
Tin	118-1	1.03	0.99	1.00	1.01	2.29	ppb
Titanium	47-1	236.37	240.70	236.74	237.93	1.01	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-05	Instrumnet Name :	P7
Client Sample ID :	ME2926D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:56:00	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.66	1.71	1.75	1.71	2.68	ppb
Vanadium	51-2	52.97	53.74	53.59	53.43	0.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	157.40	156.44	156.37	156.74	0.37	ppb
Zirconium	90-1	6.31	6.44	6.48	6.41	1.43	ppb
Zirconium	91-1	6.52	6.50	6.56	6.53	0.43	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME2926L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:59:14	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4433.87	4387.28	4437.57	4419.58	0.63	ppb
Antimony	121-1	0.15	0.14	0.14	0.14	3.95	ppb
Arsenic	75-2	3.65	3.49	3.18	3.44	6.87	ppb
Barium	135-1	49.89	50.33	49.54	49.92	0.80	ppb
Barium	137-1	50.66	51.31	50.72	50.90	0.71	ppb
Beryllium	9-1	0.25	0.26	0.31	0.27	10.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.15	0.20	0.17	17.54	ppb
Cadmium	106-1	0.55	0.24	0.40	0.40	38.29	ppb
Cadmium	111-1	0.11	0.11	0.10	0.11	1.33	ppb
Calcium	43-1	18686.23	18611.37	18528.62	18608.74	0.42	ppb
Calcium	44-1	18237.19	18243.64	18273.21	18251.35	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.85	9.04	8.88	8.92	1.12	ppb
Cobalt	59-2	5.89	5.75	5.76	5.80	1.35	ppb
Copper	63-2	10.30	10.25	10.36	10.30	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				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	11327.09	11034.00	11087.67	11149.59	1.40	ppb
Iron	57-2	11295.00	11085.45	11122.91	11167.79	1.00	ppb
Iron	54-2	11352.69	11215.50	11219.83	11262.67	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME2926L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:59:14	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.27	7.27	7.28	7.27	0.07	ppb
Lead	207-1	6.55	6.57	6.57	6.57	0.17	ppb
Lead	208-1	6.82	6.83	6.87	6.84	0.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	7467.05	7240.71	7132.45	7280.07	2.35	ppb
Manganese	55-2	192.74	190.96	190.15	191.28	0.69	ppb
Molybdenum	94-1	2.85	2.91	2.89	2.88	0.99	ppb
Molybdenum	95-1	0.54	0.58	0.54	0.55	3.92	ppb
Molybdenum	96-1	0.88	0.86	0.90	0.88	1.85	ppb
Molybdenum	97-1	0.55	0.60	0.55	0.57	5.20	ppb
Molybdenum	98-1	0.55	0.59	0.54	0.56	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.91	14.68	14.93	14.84	0.94	ppb
Phosphorus	31-2	195.37	204.88	208.71	202.99	3.38	ppb
Potassium	39-2	726.27	720.11	717.42	721.27	0.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	-0.33	0.25	0.10	0.01	4886.14	ppb
Selenium	77-2	1.41	2.04	2.99	2.15	37.14	ppb
Selenium	78-2	-0.61	-0.66	-0.34	-0.54		ppb
Silicon	28-1	50.20	46.50	60.05	52.25	13.41	ppb
Silver	107-1	0.03	0.02	0.03	0.03	13.13	ppb
Silver	109-1	0.03	0.02	0.03	0.03	14.25	ppb
Sodium	23-2	65.77	63.55	63.12	64.15	2.21	ppb
Strontium	86-1	638.62	639.14	626.41	634.73	1.14	ppb
Strontium	88-1	625.40	635.42	625.47	628.76	0.92	ppb
Sulfur	34-1	367.35	274.80	240.49	294.21	22.30	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.07	0.07	2.26	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	6.99	ppb
Tin	118-1	0.25	0.25	0.22	0.24	5.76	ppb
Titanium	47-1	50.12	48.13	49.17	49.14	2.02	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME2926L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:59:14	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.34	0.34	0.34	0.88	ppb
Vanadium	51-2	11.06	11.29	11.29	11.21	1.18	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	33.93	33.20	33.13	33.42	1.34	ppb
Zirconium	90-1	1.43	1.36	1.33	1.37	3.79	ppb
Zirconium	91-1	1.37	1.37	1.34	1.36	1.21	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-06	Instrumnet Name :	P7
Client Sample ID :	ME2926S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:02:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21400.75	21744.43	21542.36	21562.51	0.80	ppb
Antimony	121-1	0.49	0.50	0.48	0.49	1.50	ppb
Arsenic	75-2	221.03	222.38	227.62	223.68	1.56	ppb
Barium	135-1	650.57	649.66	653.91	651.38	0.34	ppb
Barium	137-1	658.05	652.09	652.51	654.22	0.51	ppb
Beryllium	9-1	10.96	10.93	11.26	11.05	1.63	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	92.08	95.34	94.31	93.91	1.78	ppb
Cadmium	106-1	91.64	92.36	93.39	92.46	0.95	ppb
Cadmium	111-1	97.08	96.91	96.86	96.95	0.12	ppb
Calcium	43-1	88242.98	89244.04	89423.37	88970.13	0.71	ppb
Calcium	44-1	87867.63	89275.43	89138.06	88760.37	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.80	82.37	83.78	83.32	0.98	ppb
Cobalt	59-2	125.94	126.65	126.90	126.50	0.39	ppb
Copper	63-2	97.29	96.69	96.99	96.99	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				110		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	54067.22	54198.64	54173.30	54146.39	0.13	ppb
Iron	57-2	53718.22	53813.56	54368.79	53966.86	0.65	ppb
Iron	54-2	54195.62	54817.54	54255.60	54422.92	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-06	Instrumnet Name :	P7
Client Sample ID :	ME2926S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:02:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	211.19	218.27	213.28	214.25	1.70	ppb
Lead	207-1	185.43	188.11	185.69	186.41	0.79	ppb
Lead	208-1	200.32	201.97	201.49	201.26	0.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	34944.44	34985.03	35171.51	35033.66	0.35	ppb
Manganese	55-2	1049.42	1061.16	1043.90	1051.49	0.84	ppb
Molybdenum	94-1	15.33	16.00	15.35	15.56	2.46	ppb
Molybdenum	95-1	4.55	4.50	4.57	4.54	0.72	ppb
Molybdenum	96-1	6.13	6.19	6.11	6.15	0.68	ppb
Molybdenum	97-1	4.60	4.58	4.61	4.59	0.33	ppb
Molybdenum	98-1	4.60	4.56	4.58	4.58	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	171.42	171.62	172.92	171.99	0.47	ppb
Phosphorus	31-2	1022.77	1041.49	1033.11	1032.46	0.91	ppb
Potassium	39-2	3508.18	3464.93	3508.25	3493.79	0.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	218.67	218.07	219.47	218.74	0.32	ppb
Selenium	77-2	233.64	227.56	230.82	230.67	1.32	ppb
Selenium	78-2	224.36	223.72	225.82	224.63	0.48	ppb
Silicon	28-1	345.23	331.31	358.37	344.97	3.92	ppb
Silver	107-1	9.96	10.08	10.08	10.04	0.71	ppb
Silver	109-1	10.00	9.96	10.03	10.00	0.30	ppb
Sodium	23-2	267.93	272.59	316.23	285.58	9.33	ppb
Strontium	86-1	2996.94	2976.09	2994.55	2989.19	0.38	ppb
Strontium	88-1	3039.77	3021.57	3031.74	3031.03	0.30	ppb
Sulfur	34-1	1201.07	1201.15	1206.41	1202.88	0.25	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	187.56	188.45	187.38	187.80	0.30	ppb
Thallium	205-1	184.81	186.56	184.59	185.32	0.58	ppb
Tin	118-1	1.05	1.06	1.05	1.05	0.38	ppb
Titanium	47-1	247.86	254.28	244.80	248.98	1.94	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-06	Instrumnet Name :	P7
Client Sample ID :	ME2926S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:02:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.75	1.69	1.71	1.79	ppb
Vanadium	51-2	152.25	152.65	153.09	152.66	0.27	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	260.18	257.15	259.71	259.02	0.63	ppb
Zirconium	90-1	6.46	6.55	6.53	6.51	0.69	ppb
Zirconium	91-1	6.60	6.33	6.52	6.48	2.14	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:05:37	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8223.69	8280.64	8298.18	8267.50	0.47	ppb
Antimony	121-1	136.00	138.23	138.13	137.46	0.92	ppb
Arsenic	75-2	214.55	214.91	219.60	216.35	1.30	ppb
Barium	135-1	98.41	100.27	99.14	99.28	0.95	ppb
Barium	137-1	101.04	101.06	101.07	101.06	0.02	ppb
Beryllium	9-1	0.26	0.23	0.27	0.25	7.89	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.16	2.34	2.15	2.22	4.95	ppb
Cadmium	106-1	2.32	3.09	2.06	2.49	21.48	ppb
Cadmium	111-1	1.36	1.40	1.39	1.38	1.16	ppb
Calcium	43-1	28995.45	28960.48	29160.61	29038.85	0.37	ppb
Calcium	44-1	28600.92	28455.69	28347.53	28468.05	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.85	27.74	27.93	27.84	0.35	ppb
Cobalt	59-2	34.02	33.88	34.33	34.08	0.68	ppb
Copper	63-2	513.14	505.65	507.85	508.88	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	32395.65	32529.14	32623.46	32516.08	0.35	ppb
Iron	57-2	32083.78	32164.57	32486.68	32245.01	0.66	ppb
Iron	54-2	32494.71	32460.09	32603.60	32519.46	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:05:37	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	362.76	364.95	374.41	367.37	1.68	ppb
Lead	207-1	356.62	351.83	364.07	357.51	1.73	ppb
Lead	208-1	358.67	356.86	365.59	360.37	1.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	5629.16	5617.98	5566.92	5604.69	0.59	ppb
Manganese	55-2	272.74	273.55	274.52	273.60	0.33	ppb
Molybdenum	94-1	10.98	10.96	11.55	11.16	3.00	ppb
Molybdenum	95-1	6.52	6.54	6.80	6.62	2.35	ppb
Molybdenum	96-1	7.24	7.41	7.49	7.38	1.73	ppb
Molybdenum	97-1	6.62	6.84	6.88	6.78	2.09	ppb
Molybdenum	98-1	6.59	6.71	6.87	6.72	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.24	22.09	22.61	22.31	1.22	ppb
Phosphorus	31-2	930.45	891.61	933.39	918.48	2.54	ppb
Potassium	39-2	2174.08	2191.07	2134.84	2166.67	1.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.83	1.13	1.10	1.02	16.65	ppb
Selenium	77-2	4.34	3.75	4.25	4.12	7.78	ppb
Selenium	78-2	0.60	0.65	-0.10	0.38	109.41	ppb
Silicon	28-1	273.39	306.89	288.62	289.63	5.79	ppb
Silver	107-1	1.52	1.50	1.53	1.52	0.80	ppb
Silver	109-1	1.50	1.52	1.50	1.51	0.72	ppb
Sodium	23-2	12083.02	12039.92	12221.66	12114.86	0.78	ppb
Strontium	86-1	5199.43	5228.82	5330.30	5252.85	1.31	ppb
Strontium	88-1	5306.40	5364.67	5298.74	5323.27	0.68	ppb
Sulfur	34-1	4010.70	3925.33	4025.41	3987.15	1.36	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.30	0.27	0.28	0.28	4.31	ppb
Thallium	205-1	0.29	0.29	0.29	0.29	0.89	ppb
Tin	118-1	37.90	38.71	38.47	38.36	1.09	ppb
Titanium	47-1	512.19	509.07	514.62	511.96	0.54	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:05:37	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.36	1.37	1.37	0.58	ppb
Vanadium	51-2	38.16	38.52	38.41	38.36	0.48	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	1756.21	1774.37	1765.04	1765.21	0.51	ppb
Zirconium	90-1	2.97	3.06	3.08	3.03	1.99	ppb
Zirconium	91-1	3.02	3.04	3.05	3.03	0.51	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-07	Instrumnet Name :	P7
Client Sample ID :	MJNKA6D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:08:43	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8228.86	8274.33	8272.53	8258.57	0.31	ppb
Antimony	121-1	140.17	139.20	139.19	139.52	0.40	ppb
Arsenic	75-2	219.81	216.80	219.17	218.59	0.73	ppb
Barium	135-1	100.06	100.06	99.88	100.00	0.10	ppb
Barium	137-1	100.67	101.55	100.90	101.04	0.45	ppb
Beryllium	9-1	0.25	0.25	0.28	0.26	7.98	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.11	1.80	1.91	1.94	8.23	ppb
Cadmium	106-1	1.75	1.87	0.96	1.52	32.41	ppb
Cadmium	111-1	1.31	1.32	1.36	1.33	2.23	ppb
Calcium	43-1	28859.58	29343.80	29287.61	29163.66	0.91	ppb
Calcium	44-1	28157.95	28583.22	28458.09	28399.75	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.99	27.81	28.14	27.98	0.59	ppb
Cobalt	59-2	34.09	34.10	34.42	34.20	0.56	ppb
Copper	63-2	507.18	506.73	512.33	508.75	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	32564.50	32400.08	32836.87	32600.48	0.68	ppb
Iron	57-2	31932.26	31992.94	32528.26	32151.16	1.02	ppb
Iron	54-2	32869.79	32972.61	33202.65	33015.02	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-07	Instrumnet Name :	P7
Client Sample ID :	MJNKA6D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:08:43	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	370.04	376.95	371.04	372.68	1.00	ppb
Lead	207-1	362.28	368.78	370.52	367.19	1.18	ppb
Lead	208-1	363.93	369.30	367.20	366.81	0.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	5644.75	5595.23	5692.74	5644.24	0.86	ppb
Manganese	55-2	273.62	276.30	276.53	275.48	0.59	ppb
Molybdenum	94-1	10.59	10.90	11.02	10.84	2.05	ppb
Molybdenum	95-1	6.54	6.73	6.51	6.59	1.86	ppb
Molybdenum	96-1	7.35	7.34	7.40	7.36	0.40	ppb
Molybdenum	97-1	6.72	6.78	6.71	6.74	0.53	ppb
Molybdenum	98-1	6.57	6.74	6.71	6.67	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.24	22.36	22.67	22.42	1.00	ppb
Phosphorus	31-2	899.45	923.03	916.40	912.96	1.33	ppb
Potassium	39-2	2174.39	2189.40	2218.23	2194.01	1.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.94	1.18	0.95	1.02	13.31	ppb
Selenium	77-2	3.40	4.91	3.85	4.05	19.15	ppb
Selenium	78-2	0.61	0.28	-0.67	0.07	923.67	ppb
Silicon	28-1	271.42	288.95	246.12	268.83	8.01	ppb
Silver	107-1	1.52	1.53	1.51	1.52	0.69	ppb
Silver	109-1	1.50	1.53	1.52	1.51	1.14	ppb
Sodium	23-2	12205.97	12208.60	12367.16	12260.57	0.75	ppb
Strontium	86-1	5165.73	5236.79	5222.14	5208.22	0.72	ppb
Strontium	88-1	5289.34	5407.50	5343.45	5346.76	1.11	ppb
Sulfur	34-1	3834.21	3866.38	3932.70	3877.76	1.30	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.24	0.24	0.24	0.38	ppb
Thallium	205-1	0.24	0.25	0.23	0.24	4.41	ppb
Tin	118-1	38.56	38.54	38.01	38.37	0.81	ppb
Titanium	47-1	514.40	518.40	515.26	516.02	0.41	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-07	Instrumnet Name :	P7
Client Sample ID :	MJNKA6D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:08:43	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.38	1.37	1.37	0.67	ppb
Vanadium	51-2	38.40	38.61	39.07	38.69	0.89	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	1746.96	1762.21	1755.25	1754.81	0.44	ppb
Zirconium	90-1	2.95	3.04	2.96	2.98	1.69	ppb
Zirconium	91-1	3.20	3.09	3.12	3.14	1.90	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA6L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:11:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1620.85	1614.60	1608.61	1614.69	0.38	ppb
Antimony	121-1	26.95	27.03	26.82	26.93	0.39	ppb
Arsenic	75-2	44.51	44.52	43.79	44.28	0.95	ppb
Barium	135-1	20.28	20.33	19.99	20.20	0.92	ppb
Barium	137-1	20.62	20.82	20.36	20.60	1.11	ppb
Beryllium	9-1	0.02	0.04	0.07	0.04	61.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.37	0.43	0.35	26.68	ppb
Cadmium	106-1	0.63	0.68	-0.53	0.26	262.00	ppb
Cadmium	111-1	0.29	0.28	0.27	0.28	3.83	ppb
Calcium	43-1	5893.57	5898.26	5964.41	5918.75	0.67	ppb
Calcium	44-1	5765.13	5817.51	5716.91	5766.51	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.57	5.53	5.61	5.57	0.73	ppb
Cobalt	59-2	6.92	6.91	6.93	6.92	0.20	ppb
Copper	63-2	101.63	102.06	101.95	101.88	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	6552.49	6575.72	6602.21	6576.81	0.38	ppb
Iron	57-2	6577.75	6560.60	6590.66	6576.34	0.23	ppb
Iron	54-2	6796.91	6651.35	6682.30	6710.19	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA6L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:11:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	71.67	72.29	72.48	72.15	0.59	ppb
Lead	207-1	69.02	69.43	69.81	69.42	0.57	ppb
Lead	208-1	69.62	70.59	70.67	70.29	0.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	1074.11	1081.84	1075.21	1077.05	0.39	ppb
Manganese	55-2	55.41	55.81	55.90	55.71	0.47	ppb
Molybdenum	94-1	2.11	2.20	2.16	2.16	2.10	ppb
Molybdenum	95-1	1.33	1.41	1.33	1.36	3.35	ppb
Molybdenum	96-1	1.47	1.47	1.47	1.47	0.27	ppb
Molybdenum	97-1	1.36	1.40	1.41	1.39	1.76	ppb
Molybdenum	98-1	1.30	1.36	1.36	1.34	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.53	4.39	4.72	4.54	3.61	ppb
Phosphorus	31-2	164.11	170.99	167.81	167.64	2.05	ppb
Potassium	39-2	450.13	451.78	457.68	453.20	0.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.40	0.43	0.00	0.28	86.91	ppb
Selenium	77-2	0.63	1.24	1.24	1.03	34.08	ppb
Selenium	78-2	1.20	-0.08	0.29	0.47	139.79	ppb
Silicon	28-1	54.04	73.13	54.81	60.66	17.81	ppb
Silver	107-1	0.30	0.30	0.29	0.30	1.81	ppb
Silver	109-1	0.32	0.30	0.30	0.31	2.52	ppb
Sodium	23-2	2490.28	2488.33	2476.82	2485.15	0.29	ppb
Strontium	86-1	1044.31	1064.41	1079.57	1062.76	1.66	ppb
Strontium	88-1	1073.81	1089.09	1093.54	1085.48	0.95	ppb
Sulfur	34-1	787.63	802.66	763.97	784.75	2.49	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.03	0.03	4.91	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.95	ppb
Tin	118-1	7.72	7.81	7.84	7.79	0.81	ppb
Titanium	47-1	106.21	104.32	104.46	105.00	1.00	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA6L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:11:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.27	0.29	0.28	3.84	ppb
Vanadium	51-2	7.79	7.81	7.95	7.85	1.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	355.37	353.94	354.53	354.61	0.20	ppb
Zirconium	90-1	0.62	0.58	0.58	0.59	4.54	ppb
Zirconium	91-1	0.63	0.60	0.59	0.61	3.07	ppb

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06RE	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:15:06	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8310.40	8128.42	8190.27	8209.70	1.13	ppb
Antimony	121-1	134.29	136.37	136.80	135.82	0.99	ppb
Arsenic	75-2	216.62	217.54	215.58	216.58	0.45	ppb
Barium	135-1	98.63	100.69	99.05	99.46	1.09	ppb
Barium	137-1	99.67	101.48	100.55	100.56	0.90	ppb
Beryllium	9-1	0.21	0.26	0.24	0.24	12.29	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.92	2.25	2.61	2.26	15.09	ppb
Cadmium	106-1	2.88	2.82	2.16	2.62	15.21	ppb
Cadmium	111-1	1.33	1.37	1.36	1.35	1.35	ppb
Calcium	43-1	28554.50	28969.41	28633.83	28719.25	0.77	ppb
Calcium	44-1	27699.02	28512.40	28066.80	28092.74	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.73	27.81	27.78	27.77	0.14	ppb
Cobalt	59-2	34.11	34.10	34.14	34.12	0.06	ppb
Copper	63-2	508.09	517.11	504.24	509.81	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	32565.00	32245.58	32396.36	32402.31	0.49	ppb
Iron	57-2	32120.32	32100.92	32253.77	32158.34	0.26	ppb
Iron	54-2	32562.39	32371.63	32520.76	32484.93	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06RE	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:15:06	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	364.15	365.15	371.11	366.81	1.03	ppb
Lead	207-1	351.87	358.01	366.01	358.63	1.98	ppb
Lead	208-1	355.51	358.71	364.09	359.44	1.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	5658.56	5518.36	5586.53	5587.82	1.25	ppb
Manganese	55-2	272.58	273.67	271.63	272.63	0.37	ppb
Molybdenum	94-1	10.24	10.41	10.72	10.46	2.32	ppb
Molybdenum	95-1	6.44	6.57	6.55	6.52	1.03	ppb
Molybdenum	96-1	7.21	7.15	7.22	7.19	0.56	ppb
Molybdenum	97-1	6.55	6.54	6.70	6.59	1.34	ppb
Molybdenum	98-1	6.48	6.59	6.68	6.58	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.11	22.09	22.58	22.26	1.25	ppb
Phosphorus	31-2	931.40	910.93	933.56	925.30	1.35	ppb
Potassium	39-2	2201.34	2142.42	2170.93	2171.56	1.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.32	0.94	0.65	0.97	34.77	ppb
Selenium	77-2	3.77	3.96	6.11	4.61	28.24	ppb
Selenium	78-2	1.07	1.05	0.21	0.78	63.62	ppb
Silicon	28-1	202.99	210.54	203.65	205.73	2.03	ppb
Silver	107-1	1.50	1.55	1.55	1.53	1.93	ppb
Silver	109-1	1.52	1.53	1.52	1.52	0.33	ppb
Sodium	23-2	12057.27	12066.99	12038.73	12054.33	0.12	ppb
Strontium	86-1	5185.57	5172.59	5259.98	5206.05	0.91	ppb
Strontium	88-1	5292.03	5313.08	5297.95	5301.02	0.20	ppb
Sulfur	34-1	3862.60	3817.00	3824.31	3834.64	0.64	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.23	0.22	0.22	2.54	ppb
Thallium	205-1	0.22	0.23	0.23	0.23	1.75	ppb
Tin	118-1	37.95	38.47	38.12	38.18	0.70	ppb
Titanium	47-1	510.98	514.73	512.46	512.72	0.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06RE	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:15:06	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.38	1.35	1.39	1.38	1.46	ppb
Vanadium	51-2	38.62	38.13	38.17	38.31	0.71	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	1758.73	1765.49	1754.75	1759.66	0.31	ppb
Zirconium	90-1	2.78	2.83	2.83	2.81	1.08	ppb
Zirconium	91-1	2.85	2.83	2.95	2.88	2.19	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:18:14	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101.72	97.47	99.13	99.44	2.16	ppb
Antimony	121-1	0.26	0.23	0.23	0.24	6.94	ppb
Arsenic	75-2	0.68	0.61	0.59	0.63	7.55	ppb
Barium	135-1	1.02	1.11	1.03	1.05	4.68	ppb
Barium	137-1	1.06	1.08	1.06	1.07	0.75	ppb
Beryllium	9-1	0.03	-0.01	0.01	0.01	177.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.02	0.07	0.04	75.28	ppb
Cadmium	106-1	0.45	0.64	-1.24	-0.05		ppb
Cadmium	111-1	0.01	0.02	-0.02	0.01	393.13	ppb
Calcium	43-1	19394.47	19605.47	19681.18	19560.38	0.76	ppb
Calcium	44-1	19101.97	19439.00	19146.91	19229.30	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.63	0.64	0.64	2.52	ppb
Cobalt	59-2	0.23	0.23	0.23	0.23	0.77	ppb
Copper	63-2	5.50	5.52	5.58	5.53	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	201.55	201.46	199.67	200.90	0.53	ppb
Iron	57-2	292.67	295.32	297.23	295.07	0.78	ppb
Iron	54-2	203.60	202.67	203.35	203.20	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:18:14	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.31	0.28	0.23	0.27	15.50	ppb
Lead	207-1	0.33	0.27	0.23	0.28	17.51	ppb
Lead	208-1	0.32	0.28	0.24	0.28	14.45	ppb
Lithium	6-1				101		%
Magnesium	24-2	4529.84	4554.94	4541.34	4542.04	0.28	ppb
Manganese	55-2	10.27	10.23	10.11	10.20	0.79	ppb
Molybdenum	94-1	1.08	1.02	1.10	1.07	3.96	ppb
Molybdenum	95-1	0.41	0.42	0.41	0.41	1.96	ppb
Molybdenum	96-1	0.48	0.51	0.49	0.50	3.01	ppb
Molybdenum	97-1	0.42	0.42	0.46	0.43	5.05	ppb
Molybdenum	98-1	0.43	0.45	0.45	0.44	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	1.76	1.74	1.82	6.85	ppb
Phosphorus	31-2	2.02	0.90	5.69	2.87	87.24	ppb
Potassium	39-2	563.52	555.70	553.56	557.59	0.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	1.51	1.20	1.41	1.37	11.36	ppb
Selenium	77-2	1.26	0.16	2.22	1.21	84.89	ppb
Selenium	78-2	0.72	-0.12	-0.30	0.10	547.22	ppb
Silicon	28-1	1774.50	1785.07	1790.06	1783.21	0.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	2.07	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.94	ppb
Sodium	23-2	9695.20	9507.53	9584.38	9595.70	0.98	ppb
Strontium	86-1	664.31	669.88	662.72	665.64	0.56	ppb
Strontium	88-1	664.02	658.33	666.52	662.95	0.63	ppb
Sulfur	34-1	4035.70	4014.30	4074.65	4041.55	0.76	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
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	0.14	0.12	0.13	0.13	9.36	ppb
Titanium	47-1	2.56	2.57	3.76	2.96	23.28	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:18:14	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.09	0.09	0.09	3.47	ppb
Vanadium	51-2	1.39	1.36	1.37	1.37	1.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	1.56	1.54	1.47	1.52	3.04	ppb
Zirconium	90-1	0.65	0.39	0.40	0.48	30.66	ppb
Zirconium	91-1	0.42	0.43	0.40	0.41	3.76	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:21:46	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50303.06	51409.25	50219.14	50643.82	1.31	ppb
Antimony	121-1	492.94	501.18	497.16	497.09	0.83	ppb
Arsenic	75-2	492.71	494.40	495.28	494.13	0.26	ppb
Barium	135-1	2459.67	2565.61	2505.70	2510.33	2.12	ppb
Barium	137-1	2486.91	2563.11	2522.62	2524.21	1.51	ppb
Beryllium	9-1	482.77	485.91	487.17	485.29	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	484.70	499.90	488.53	491.04	1.61	ppb
Cadmium	106-1	488.34	498.74	490.52	492.54	1.11	ppb
Cadmium	111-1	467.58	484.03	469.74	473.78	1.89	ppb
Calcium	43-1	248119.53	257436.48	252879.87	252811.96	1.84	ppb
Calcium	44-1	244358.80	253947.89	251832.65	250046.45	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.63	501.10	503.30	501.67	0.28	ppb
Cobalt	59-2	500.53	497.66	498.06	498.75	0.31	ppb
Copper	63-2	4890.03	4869.05	4852.63	4870.57	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	128231.63	129660.92	128334.17	128742.24	0.62	ppb
Iron	57-2	128712.22	129869.96	129632.53	129404.90	0.47	ppb
Iron	54-2	128522.54	129391.06	128585.07	128832.89	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:21:46	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2524.64	2628.26	2599.51	2584.14	2.07	ppb
Lead	207-1	2493.56	2566.05	2566.15	2541.92	1.65	ppb
Lead	208-1	2506.07	2594.80	2579.94	2560.27	1.86	ppb
Lithium	6-1				96		%
Magnesium	24-2	249633.72	252789.62	247875.54	250099.63	1.00	ppb
Manganese	55-2	4927.02	4935.69	4928.20	4930.31	0.10	ppb
Molybdenum	94-1	4966.04	5137.44	5135.98	5079.82	1.94	ppb
Molybdenum	95-1	4986.26	5170.80	5136.12	5097.73	1.92	ppb
Molybdenum	96-1	4984.85	5190.60	5114.75	5096.73	2.04	ppb
Molybdenum	97-1	5019.07	5204.48	5134.26	5119.27	1.83	ppb
Molybdenum	98-1	5010.75	5141.84	5095.01	5082.53	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.31	476.66	470.63	474.20	0.67	ppb
Phosphorus	31-2	9966.02	9910.93	9811.17	9896.04	0.79	ppb
Potassium	39-2	124690.76	124850.72	123184.01	124241.83	0.74	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				84		%
Selenium	82-1	478.96	488.90	486.05	484.63	1.06	ppb
Selenium	77-2	471.93	466.52	479.31	472.59	1.36	ppb
Selenium	78-2	478.52	491.46	478.72	482.90	1.53	ppb
Silicon	28-1	245.20	257.41	249.24	250.61	2.48	ppb
Silver	107-1	489.49	498.49	483.97	490.65	1.49	ppb
Silver	109-1	486.48	495.83	481.38	487.90	1.50	ppb
Sodium	23-2	251631.46	253119.36	248085.71	250945.51	1.03	ppb
Strontium	86-1	12695.89	12800.80	12822.36	12773.01	0.53	ppb
Strontium	88-1	12456.54	12816.34	12647.19	12640.02	1.42	ppb
Sulfur	34-1	9900.44	10400.97	9994.85	10098.75	2.63	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	508.85	521.77	528.04	519.55	1.88	ppb
Thallium	205-1	505.71	529.65	527.71	521.02	2.55	ppb
Tin	118-1	497.95	511.17	503.31	504.14	1.32	ppb
Titanium	47-1	4823.73	5009.21	4977.29	4936.74	2.01	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:21:46	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.97	517.52	512.26	509.58	1.88	ppb
Vanadium	51-2	509.26	513.65	515.93	512.94	0.66	ppb
Yttrium	89-1				95		%
Yttrium	89-2				88		%
Zinc	66-2	4792.03	4768.52	4840.92	4800.49	0.77	ppb
Zirconium	90-1	494.67	506.01	509.80	503.49	1.56	ppb
Zirconium	91-1	496.52	518.82	506.17	507.17	2.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:24:33	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.39	1.87	1.77	2.01	16.64	ppb
Antimony	121-1	0.31	0.25	0.22	0.26	18.68	ppb
Arsenic	75-2	-0.01	0.02	0.01	0.01	286.88	ppb
Barium	135-1	0.46	0.25	0.13	0.28	58.16	ppb
Barium	137-1	0.46	0.25	0.15	0.29	55.31	ppb
Beryllium	9-1	0.14	0.12	0.07	0.11	29.43	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.08	0.00	0.05	81.31	ppb
Cadmium	106-1	-0.17	-0.95	-0.88	-0.67		ppb
Cadmium	111-1	0.11	0.04	0.02	0.06	85.19	ppb
Calcium	43-1	56.34	30.41	18.59	35.12	54.98	ppb
Calcium	44-1	54.89	31.09	17.70	34.56	54.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.04	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.26	0.18	0.19	0.21	20.03	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				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	4.35	3.44	2.54	3.44	26.32	ppb
Iron	57-2	2.89	2.04	0.78	1.90	55.75	ppb
Iron	54-2	3.96	2.62	2.78	3.12	23.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:24:33	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.49	0.29	0.16	0.31	53.85	ppb
Lead	207-1	0.46	0.27	0.16	0.30	50.45	ppb
Lead	208-1	0.48	0.28	0.17	0.31	50.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.29	4.15	3.22	4.22	24.52	ppb
Manganese	55-2	0.16	0.12	0.12	0.14	17.98	ppb
Molybdenum	94-1	1.14	0.71	0.47	0.77	43.87	ppb
Molybdenum	95-1	1.10	0.67	0.40	0.72	48.96	ppb
Molybdenum	96-1	1.05	0.65	0.41	0.70	45.83	ppb
Molybdenum	97-1	1.12	0.69	0.46	0.76	44.53	ppb
Molybdenum	98-1	1.06	0.63	0.42	0.70	46.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-15.88	-16.97	-16.71	-16.52		ppb
Potassium	39-2	9.89	7.72	7.88	8.50	14.25	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	0.30	0.12	-0.35	0.03	1299.34	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.02	-0.87	-1.38	-1.09		ppb
Silicon	28-1	-3.43	-3.73	-3.64	-3.60		ppb
Silver	107-1	0.13	0.08	0.05	0.09	43.24	ppb
Silver	109-1	0.12	0.09	0.05	0.09	41.53	ppb
Sodium	23-2	27.60	26.45	24.85	26.30	5.25	ppb
Strontium	86-1	2.45	1.58	0.92	1.65	46.31	ppb
Strontium	88-1	2.34	1.39	0.83	1.52	50.28	ppb
Sulfur	34-1	-191.91	-232.95	-227.59	-217.48		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.08	0.05	0.08	43.31	ppb
Thallium	205-1	0.13	0.08	0.05	0.09	43.19	ppb
Tin	118-1	0.15	0.11	0.06	0.11	41.46	ppb
Titanium	47-1	1.02	0.61	0.32	0.65	54.07	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:24:33	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.06	0.03	0.06	55.23	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	65.75	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.38	0.32	0.28	0.33	15.09	ppb
Zirconium	90-1	0.12	0.09	0.06	0.09	33.69	ppb
Zirconium	91-1	0.15	0.09	0.07	0.10	42.20	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:27:52	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97.63	97.61	97.39	97.54	0.14	ppb
Antimony	121-1	0.23	0.24	0.23	0.24	2.25	ppb
Arsenic	75-2	0.58	0.55	0.53	0.55	4.96	ppb
Barium	135-1	0.93	0.94	0.98	0.95	2.33	ppb
Barium	137-1	0.95	0.98	0.99	0.97	2.07	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	45.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.02	0.02	0.05	110.34	ppb
Cadmium	106-1	-0.07	-1.28	-1.66	-1.00		ppb
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Calcium	43-1	18879.85	19788.43	19298.42	19322.23	2.35	ppb
Calcium	44-1	18482.16	19377.14	18934.38	18931.23	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.65	0.64	0.66	0.65	1.57	ppb
Cobalt	59-2	0.23	0.22	0.21	0.22	3.46	ppb
Copper	63-2	5.51	5.36	5.37	5.41	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	197.60	198.85	197.33	197.93	0.41	ppb
Iron	57-2	284.65	295.72	295.35	291.91	2.15	ppb
Iron	54-2	201.86	200.83	196.39	199.69	1.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:27:52	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.20	0.21	0.20	2.36	ppb
Lead	207-1	0.17	0.20	0.17	0.18	8.15	ppb
Lead	208-1	0.19	0.19	0.19	0.19	1.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	4690.67	4528.01	4685.82	4634.84	2.00	ppb
Manganese	55-2	8.41	8.27	8.32	8.34	0.84	ppb
Molybdenum	94-1	1.04	1.14	1.11	1.10	4.52	ppb
Molybdenum	95-1	0.45	0.43	0.45	0.44	3.69	ppb
Molybdenum	96-1	0.50	0.53	0.51	0.52	2.84	ppb
Molybdenum	97-1	0.43	0.47	0.50	0.47	7.74	ppb
Molybdenum	98-1	0.45	0.43	0.46	0.45	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.74	1.65	1.71	2.83	ppb
Phosphorus	31-2	5.15	3.50	0.42	3.02	79.40	ppb
Potassium	39-2	545.12	551.46	543.27	546.62	0.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	1.30	1.21	0.90	1.14	18.57	ppb
Selenium	77-2	1.49	0.66	1.67	1.27	42.11	ppb
Selenium	78-2	0.33	1.05	1.30	0.90	56.20	ppb
Silicon	28-1	1706.51	1797.51	1760.62	1754.88	2.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.92	ppb
Silver	109-1	0.02	0.01	0.01	0.01	20.47	ppb
Sodium	23-2	9607.27	9552.02	9479.14	9546.14	0.67	ppb
Strontium	86-1	639.44	658.49	667.34	655.09	2.18	ppb
Strontium	88-1	644.72	659.96	660.92	655.20	1.39	ppb
Sulfur	34-1	3519.86	3722.85	3468.73	3570.48	3.76	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	20.51	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.61	ppb
Tin	118-1	0.12	0.11	0.12	0.11	2.37	ppb
Titanium	47-1	2.28	2.21	2.28	2.26	1.61	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:27:52	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.10	0.09	0.09	5.25	ppb
Vanadium	51-2	1.39	1.30	1.31	1.33	3.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	1.23	1.24	1.26	1.24	1.15	ppb
Zirconium	90-1	0.41	0.41	0.43	0.41	2.68	ppb
Zirconium	91-1	0.43	0.43	0.42	0.43	0.70	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:31:08	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.49	24.09	20.87	22.15	7.71	ppb
Antimony	121-1	0.07	0.06	0.06	0.07	7.63	ppb
Arsenic	75-2	0.16	0.17	0.15	0.16	7.90	ppb
Barium	135-1	0.25	0.21	0.18	0.21	16.64	ppb
Barium	137-1	0.19	0.19	0.21	0.20	4.41	ppb
Beryllium	9-1	0.03	0.00	0.00	0.01	129.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.02	-0.03	0.00	885.10	ppb
Cadmium	106-1	-0.71	-1.41	-0.95	-1.02		ppb
Cadmium	111-1	-0.01	-0.03	-0.01	-0.02		ppb
Calcium	43-1	3903.00	3922.64	3990.53	3938.72	1.17	ppb
Calcium	44-1	3849.92	3868.00	3930.68	3882.87	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.04	0.04	7.13	ppb
Cobalt	59-2	0.04	0.02	0.03	0.03	27.62	ppb
Copper	63-2	1.59	1.63	1.59	1.60	1.51	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				105		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	42.55	42.80	42.69	42.68	0.30	ppb
Iron	57-2	59.87	59.39	62.58	60.61	2.84	ppb
Iron	54-2	44.20	42.93	41.85	42.99	2.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:31:08	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.09	0.07	0.08	12.73	ppb
Lead	207-1	0.09	0.09	0.09	0.09	2.31	ppb
Lead	208-1	0.09	0.09	0.08	0.08	7.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	869.09	882.29	867.65	873.01	0.92	ppb
Manganese	55-2	2.08	2.12	2.13	2.11	1.20	ppb
Molybdenum	94-1	0.26	0.22	0.23	0.24	8.38	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.08	3.50	ppb
Molybdenum	96-1	0.10	0.10	0.11	0.10	6.47	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	6.19	ppb
Molybdenum	98-1	0.08	0.09	0.09	0.09	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.18	0.27	0.24	22.41	ppb
Phosphorus	31-2	-15.34	-12.83	-14.55	-14.24		ppb
Potassium	39-2	107.87	110.53	105.35	107.92	2.40	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	0.31	0.32	0.12	0.25	44.79	ppb
Selenium	77-2	0.33	0.17	0.17	0.22	43.47	ppb
Selenium	78-2	-0.96	-1.23	0.00	-0.73		ppb
Silicon	28-1	353.55	354.77	364.67	357.66	1.71	ppb
Silver	107-1	0.00	0.00	0.01	0.00	42.45	ppb
Silver	109-1	0.00	0.01	0.01	0.01	24.31	ppb
Sodium	23-2	1954.35	1943.64	1919.35	1939.11	0.92	ppb
Strontium	86-1	131.72	133.02	135.36	133.37	1.38	ppb
Strontium	88-1	131.63	134.40	134.59	133.54	1.24	ppb
Sulfur	34-1	113.38	121.66	192.01	142.35	30.35	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	112.94	ppb
Tin	118-1	0.06	0.06	0.06	0.06	5.61	ppb
Titanium	47-1	0.71	0.85	0.65	0.74	13.36	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:31:08	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	6.29	ppb
Vanadium	51-2	0.25	0.26	0.28	0.26	6.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.64	0.62	0.60	0.62	2.93	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.74	ppb
Zirconium	91-1	0.09	0.07	0.09	0.08	14.80	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:34:24	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1944.26	1931.88	1947.42	1941.19	0.42	ppb
Antimony	121-1	110.84	103.85	104.04	106.24	3.75	ppb
Arsenic	75-2	41.95	43.28	43.69	42.97	2.12	ppb
Barium	135-1	2224.90	2062.32	2102.54	2129.92	3.98	ppb
Barium	137-1	2238.27	2101.39	2093.91	2144.52	3.79	ppb
Beryllium	9-1	54.60	52.67	52.30	53.19	2.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	50.30	47.20	47.87	48.46	3.36	ppb
Cadmium	106-1	52.14	44.78	46.26	47.73	8.16	ppb
Cadmium	111-1	53.22	50.21	49.93	51.12	3.57	ppb
Calcium	43-1	20974.98	19666.91	19477.23	20039.71	4.07	ppb
Calcium	44-1	20330.72	19242.33	19073.11	19548.72	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.18	209.70	209.80	209.89	0.12	ppb
Cobalt	59-2	541.67	546.45	535.90	541.34	0.98	ppb
Copper	63-2	259.81	261.46	261.26	260.84	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				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	1297.52	1302.20	1294.64	1298.12	0.29	ppb
Iron	57-2	1402.89	1403.53	1411.66	1406.03	0.35	ppb
Iron	54-2	1458.54	1461.42	1456.22	1458.73	0.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:34:24	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.52	20.19	20.29	20.67	3.58	ppb
Lead	207-1	20.68	19.67	19.41	19.92	3.37	ppb
Lead	208-1	21.07	19.94	19.92	20.31	3.24	ppb
Lithium	6-1				98		%
Magnesium	24-2	4487.00	4488.96	4564.80	4513.59	0.98	ppb
Manganese	55-2	531.24	528.61	536.23	532.03	0.73	ppb
Molybdenum	94-1	38.43	36.82	36.92	37.39	2.42	ppb
Molybdenum	95-1	45.73	43.64	44.08	44.48	2.48	ppb
Molybdenum	96-1	44.98	42.60	43.02	43.53	2.92	ppb
Molybdenum	97-1	45.77	43.99	43.75	44.51	2.48	ppb
Molybdenum	98-1	45.98	43.93	44.25	44.72	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.24	544.15	539.45	541.28	0.47	ppb
Phosphorus	31-2	2.36	2.31	-0.41	1.42	111.51	ppb
Potassium	39-2	538.69	542.22	542.70	541.20	0.41	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	114.26	110.24	107.71	110.74	2.98	ppb
Selenium	77-2	109.24	108.66	103.37	107.09	3.02	ppb
Selenium	78-2	109.42	108.44	112.27	110.05	1.81	ppb
Silicon	28-1	1912.49	1756.93	1725.86	1798.43	5.56	ppb
Silver	107-1	56.27	52.89	52.91	54.02	3.60	ppb
Silver	109-1	55.41	52.47	52.38	53.42	3.23	ppb
Sodium	23-2	9324.93	9364.47	9397.39	9362.26	0.39	ppb
Strontium	86-1	691.21	659.83	658.60	669.88	2.76	ppb
Strontium	88-1	693.32	659.34	665.10	672.59	2.70	ppb
Sulfur	34-1	4022.06	3366.21	3251.12	3546.46	11.73	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	52.70	49.44	49.45	50.53	3.71	ppb
Thallium	205-1	52.57	50.08	49.23	50.63	3.43	ppb
Tin	118-1	0.25	0.23	0.23	0.24	5.88	ppb
Titanium	47-1	2.83	2.32	2.33	2.49	11.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:34:24	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.09	0.09	0.09	3.37	ppb
Vanadium	51-2	532.82	532.05	533.10	532.66	0.10	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	546.14	547.03	544.69	545.96	0.22	ppb
Zirconium	90-1	0.45	0.41	0.40	0.42	6.19	ppb
Zirconium	91-1	0.47	0.45	0.43	0.45	4.83	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02	Instrumnet Name :	P7
Client Sample ID :	ME2928	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:37:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.23	29.31	30.96	30.50	3.41	ppb
Antimony	121-1	0.06	0.04	0.03	0.04	25.85	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	32.70	ppb
Barium	135-1	1.17	0.94	0.70	0.93	25.21	ppb
Barium	137-1	1.13	0.91	0.77	0.94	19.36	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	70.18	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.00	-0.03	0.01	511.32	ppb
Cadmium	106-1	-0.69	-1.34	-0.83	-0.96		ppb
Cadmium	111-1	0.00	-0.02	0.00	-0.01		ppb
Calcium	43-1	131.15	118.41	121.86	123.81	5.32	ppb
Calcium	44-1	132.14	127.91	127.78	129.28	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.37	0.39	0.38	3.56	ppb
Cobalt	59-2	0.05	0.05	0.04	0.05	11.60	ppb
Copper	63-2	0.21	0.17	0.20	0.20	10.49	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				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	54.67	53.99	55.72	54.79	1.60	ppb
Iron	57-2	53.82	52.25	54.57	53.55	2.21	ppb
Iron	54-2	55.42	54.46	53.78	54.55	1.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02	Instrumnet Name :	P7
Client Sample ID :	ME2928	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:37:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.20	0.19	0.20	2.81	ppb
Lead	207-1	0.17	0.18	0.17	0.18	3.37	ppb
Lead	208-1	0.19	0.19	0.18	0.19	2.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	26.34	26.32	26.58	26.41	0.54	ppb
Manganese	55-2	2.37	2.42	2.41	2.40	1.02	ppb
Molybdenum	94-1	0.06	0.07	0.06	0.06	11.87	ppb
Molybdenum	95-1	0.03	0.00	0.01	0.01	130.50	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	15.69	ppb
Molybdenum	97-1	0.02	0.03	0.00	0.02	79.41	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.08	0.10	0.08	20.10	ppb
Phosphorus	31-2	28.28	24.51	23.36	25.38	10.14	ppb
Potassium	39-2	16.70	15.88	17.11	16.56	3.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	-0.07	0.39	-0.11	0.07	414.63	ppb
Selenium	77-2	0.00	0.00	0.17	0.06	173.21	ppb
Selenium	78-2	0.50	-0.74	-0.17	-0.13		ppb
Silicon	28-1	7.47	6.57	6.85	6.96	6.60	ppb
Silver	107-1	0.03	0.03	0.02	0.03	21.89	ppb
Silver	109-1	0.03	0.03	0.02	0.03	19.59	ppb
Sodium	23-2	144.26	141.71	143.15	143.04	0.89	ppb
Strontium	86-1	8.58	8.88	9.04	8.83	2.65	ppb
Strontium	88-1	9.09	8.86	9.04	9.00	1.33	ppb
Sulfur	34-1	-853.55	-793.77	-733.66	-793.66		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.00	0.00	207.00	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	117.30	ppb
Tin	118-1	0.14	0.14	0.15	0.14	3.88	ppb
Titanium	47-1	0.57	0.58	0.54	0.57	3.75	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02	Instrumnet Name :	P7
Client Sample ID :	ME2928	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:37:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	4.82	ppb
Vanadium	51-2	0.11	0.11	0.08	0.10	15.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	2.69	2.66	2.78	2.71	2.29	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	40.37	ppb
Zirconium	91-1	0.04	0.04	0.02	0.03	32.95	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-03	Instrumnet Name :	P7
Client Sample ID :	ME2928D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:40:50	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.81	31.85	33.35	32.67	2.32	ppb
Antimony	121-1	0.21	0.20	0.21	0.21	2.83	ppb
Arsenic	75-2	0.02	0.02	0.03	0.02	13.57	ppb
Barium	135-1	0.51	0.49	0.56	0.52	6.91	ppb
Barium	137-1	0.56	0.52	0.54	0.54	3.63	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.01	0.02	-0.01		ppb
Cadmium	106-1	-0.63	-0.79	-1.31	-0.91		ppb
Cadmium	111-1	-0.01	-0.01	-0.03	-0.02		ppb
Calcium	43-1	125.98	124.68	124.51	125.06	0.64	ppb
Calcium	44-1	127.33	129.60	129.30	128.74	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.43	0.44	0.45	0.44	2.95	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	11.16	ppb
Copper	63-2	0.14	0.17	0.18	0.16	11.52	ppb
Dysprosium	156-1						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	56.52	56.69	57.08	56.76	0.50	ppb
Iron	57-2	57.66	58.28	56.51	57.48	1.56	ppb
Iron	54-2	58.69	57.59	55.39	57.23	2.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-03	Instrumnet Name :	P7
Client Sample ID :	ME2928D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:40:50	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.19	0.18	0.19	2.97	ppb
Lead	207-1	0.18	0.17	0.17	0.17	1.27	ppb
Lead	208-1	0.18	0.18	0.18	0.18	0.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	26.01	27.40	27.64	27.02	3.26	ppb
Manganese	55-2	2.00	1.99	2.01	2.00	0.54	ppb
Molybdenum	94-1	0.08	0.08	0.05	0.07	21.70	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	44.99	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	498.32	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	86.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.05	0.05	11.49	ppb
Phosphorus	31-2	25.21	29.24	28.09	27.52	7.55	ppb
Potassium	39-2	15.29	17.25	16.89	16.48	6.32	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	0.05	0.38	-0.12	0.10	249.29	ppb
Selenium	77-2	0.00	0.17	0.00	0.06	173.21	ppb
Selenium	78-2	0.22	-1.78	-0.43	-0.66		ppb
Silicon	28-1	7.02	7.63	7.97	7.54	6.40	ppb
Silver	107-1	0.01	0.00	0.01	0.01	34.37	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.11	ppb
Sodium	23-2	143.92	143.17	146.34	144.48	1.15	ppb
Strontium	86-1	9.24	8.74	8.64	8.87	3.62	ppb
Strontium	88-1	9.21	9.25	8.98	9.15	1.62	ppb
Sulfur	34-1	-639.36	-588.47	-606.80	-611.54		ppb
Terbium	159-1				104		%
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	0.14	0.16	0.15	0.15	7.50	ppb
Titanium	47-1	0.68	0.97	0.68	0.77	21.85	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-03	Instrumnet Name :	P7
Client Sample ID :	ME2928D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:40:50	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	21.80	ppb
Vanadium	51-2	0.08	0.08	0.08	0.08	4.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	2.75	2.85	2.79	2.80	1.91	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	28.73	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	20.33	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02LX5	Instrumnet Name :	P7
Client Sample ID :	ME2928L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:44:12	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.62	6.58	6.48	7.23	16.71	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	21.59	ppb
Arsenic	75-2	0.22	-0.01	-0.02	0.06	211.17	ppb
Barium	135-1	0.10	0.09	0.10	0.10	7.27	ppb
Barium	137-1	0.10	0.11	0.12	0.11	7.16	ppb
Beryllium	9-1	-0.01	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.06	0.02	0.02	163.72	ppb
Cadmium	106-1	-0.82	-0.36	-0.60	-0.59		ppb
Cadmium	111-1	-0.02	-0.01	-0.02	-0.01		ppb
Calcium	43-1	27.40	32.42	27.02	28.95	10.41	ppb
Calcium	44-1	25.61	28.43	26.66	26.90	5.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.10	0.10	0.09	17.14	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	168.27	ppb
Copper	63-2	14.74	14.71	14.37	14.61	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	36.80	35.19	34.72	35.57	3.07	ppb
Iron	57-2	37.60	35.57	34.10	35.76	4.92	ppb
Iron	54-2	38.78	34.59	35.85	36.41	5.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02LX5	Instrumnet Name :	P7
Client Sample ID :	ME2928L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:44:12	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.03	0.03	15.96	ppb
Lead	207-1	0.03	0.04	0.03	0.03	9.45	ppb
Lead	208-1	0.04	0.04	0.03	0.04	8.38	ppb
Lithium	6-1				99		%
Magnesium	24-2	8.64	5.39	5.46	6.50	28.61	ppb
Manganese	55-2	0.67	0.62	0.61	0.63	5.74	ppb
Molybdenum	94-1	0.00	0.01	0.01	0.01	53.99	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	266.22	ppb
Molybdenum	97-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	61.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.17	8.35	8.36	8.29	1.32	ppb
Phosphorus	31-2	-6.47	-8.87	-4.08	-6.47		ppb
Potassium	39-2	4.06	0.59	1.75	2.13	83.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	0.53	-0.15	0.20	0.19	177.96	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	0.40	-1.67	-0.36		ppb
Silicon	28-1	-1.26	-0.34	-1.02	-0.87		ppb
Silver	107-1	0.00	0.00	0.00	0.00	58.38	ppb
Silver	109-1	0.00	0.00	0.00	0.00	7.12	ppb
Sodium	23-2	38.15	31.32	32.11	33.86	11.04	ppb
Strontium	86-1	1.89	1.56	1.96	1.80	11.67	ppb
Strontium	88-1	1.88	1.81	1.82	1.84	1.90	ppb
Sulfur	34-1	-524.07	-420.42	-425.79	-456.76		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.03	0.04	0.04	22.37	ppb
Titanium	47-1	0.14	0.14	0.14	0.14	2.87	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02LX5	Instrumnet Name :	P7
Client Sample ID :	ME2928L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:44:12	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	52.92	ppb
Vanadium	51-2	0.03	0.01	0.02	0.02	53.92	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.83	0.64	0.64	0.70	15.78	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	113.26	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	50.14	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-04	Instrumnet Name :	P7
Client Sample ID :	ME2928S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:47:32	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1846.30	1852.75	1872.78	1857.27	0.74	ppb
Antimony	121-1	101.55	103.20	103.16	102.64	0.92	ppb
Arsenic	75-2	42.61	42.00	42.93	42.51	1.10	ppb
Barium	135-1	2051.57	2088.57	2042.58	2060.91	1.18	ppb
Barium	137-1	2050.15	2105.64	2081.78	2079.19	1.34	ppb
Beryllium	9-1	49.91	50.80	50.91	50.54	1.08	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	48.44	50.02	48.88	49.11	1.66	ppb
Cadmium	106-1	46.00	47.13	46.41	46.51	1.23	ppb
Cadmium	111-1	49.64	50.27	50.79	50.23	1.14	ppb
Calcium	43-1	139.30	144.21	143.50	142.33	1.86	ppb
Calcium	44-1	136.32	136.49	138.17	136.99	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	206.34	206.34	208.69	207.12	0.66	ppb
Cobalt	59-2	532.80	536.95	539.36	536.37	0.62	ppb
Copper	63-2	250.55	251.99	253.60	252.04	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	1136.42	1120.33	1163.75	1140.17	1.93	ppb
Iron	57-2	1129.71	1136.29	1157.91	1141.30	1.29	ppb
Iron	54-2	1290.02	1301.35	1311.34	1300.91	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-04	Instrumnet Name :	P7
Client Sample ID :	ME2928S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:47:32	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.93	20.00	19.70	19.88	0.78	ppb
Lead	207-1	19.13	19.80	19.22	19.38	1.89	ppb
Lead	208-1	19.56	19.83	19.42	19.60	1.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	26.83	25.62	27.09	26.52	2.96	ppb
Manganese	55-2	515.63	502.19	522.75	513.52	2.03	ppb
Molybdenum	94-1	0.48	0.49	0.50	0.49	1.68	ppb
Molybdenum	95-1	0.55	0.56	0.53	0.55	3.17	ppb
Molybdenum	96-1	0.48	0.52	0.54	0.51	5.43	ppb
Molybdenum	97-1	0.56	0.53	0.53	0.54	3.40	ppb
Molybdenum	98-1	0.54	0.57	0.54	0.55	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.86	532.14	534.95	532.98	0.32	ppb
Phosphorus	31-2	27.24	23.07	27.57	25.96	9.65	ppb
Potassium	39-2	20.10	19.34	20.71	20.05	3.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	107.44	106.95	109.04	107.81	1.01	ppb
Selenium	77-2	110.40	111.71	107.35	109.82	2.04	ppb
Selenium	78-2	111.56	109.34	106.13	109.01	2.50	ppb
Silicon	28-1	6.81	7.49	8.66	7.65	12.21	ppb
Silver	107-1	52.21	53.63	53.25	53.03	1.39	ppb
Silver	109-1	52.20	52.99	52.52	52.57	0.75	ppb
Sodium	23-2	143.45	146.03	147.47	145.65	1.40	ppb
Strontium	86-1	8.89	9.43	9.24	9.19	3.00	ppb
Strontium	88-1	9.69	9.41	9.66	9.59	1.62	ppb
Sulfur	34-1	-533.00	-523.38	-538.75	-531.71		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	48.26	49.15	47.23	48.22	1.99	ppb
Thallium	205-1	48.06	49.20	47.89	48.39	1.47	ppb
Tin	118-1	0.30	0.30	0.27	0.29	5.23	ppb
Titanium	47-1	0.67	0.61	0.73	0.67	8.40	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-04	Instrumnet Name :	P7
Client Sample ID :	ME2928S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:47:32	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	18.96	ppb
Vanadium	51-2	517.13	522.29	529.95	523.12	1.23	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	531.05	530.35	540.42	533.94	1.05	ppb
Zirconium	90-1	0.05	0.05	0.03	0.04	33.72	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	4.41	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5254-12	Instrumnet Name :	P7
Client Sample ID :	MJNLG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:50:45	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.02	3.15	3.39	3.19	5.90	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	15.87	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.65	0.49	0.37	0.51	28.05	ppb
Barium	137-1	0.68	0.56	0.36	0.53	29.86	ppb
Beryllium	9-1	0.00	0.03	0.02	0.02	70.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.05	-0.01	0.01	434.58	ppb
Cadmium	106-1	-0.25	-0.83	-0.73	-0.60		ppb
Cadmium	111-1	0.02	-0.01	0.00	0.00	2745.33	ppb
Calcium	43-1	15.65	17.81	17.09	16.85	6.52	ppb
Calcium	44-1	17.40	17.30	17.49	17.40	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.13	0.20	0.18	22.39	ppb
Cobalt	59-2	0.04	0.02	0.02	0.03	36.86	ppb
Copper	63-2	0.10	0.07	0.09	0.09	16.26	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	7.15	6.93	6.95	7.01	1.75	ppb
Iron	57-2	6.79	5.26	5.77	5.94	13.15	ppb
Iron	54-2	7.70	5.93	8.32	7.31	16.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5254-12	Instrumnet Name :	P7
Client Sample ID :	MJNLG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:50:45	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.09	0.09	0.08	9.57	ppb
Lead	207-1	0.08	0.08	0.08	0.08	4.75	ppb
Lead	208-1	0.08	0.09	0.08	0.08	3.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.20	3.09	2.55	2.95	11.86	ppb
Manganese	55-2	1.09	1.06	1.04	1.06	2.37	ppb
Molybdenum	94-1	0.01	-0.01	0.01	0.00	632.83	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	907.20	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.00	143.01	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	219.65	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.01	58.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.14	0.17	0.16	11.43	ppb
Phosphorus	31-2	-17.54	-14.49	-14.90	-15.64		ppb
Potassium	39-2	0.75	-0.32	2.08	0.83	144.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	0.52	0.13	0.13	0.26	87.30	ppb
Selenium	77-2	0.32	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.20	-0.34	0.33	-0.07		ppb
Silicon	28-1	-2.49	-1.98	-1.88	-2.12		ppb
Silver	107-1	0.03	0.03	0.02	0.03	30.36	ppb
Silver	109-1	0.03	0.03	0.02	0.03	16.94	ppb
Sodium	23-2	26.98	26.11	27.42	26.84	2.48	ppb
Strontium	86-1	0.51	0.41	0.37	0.43	17.16	ppb
Strontium	88-1	0.76	0.72	0.73	0.74	2.46	ppb
Sulfur	34-1	-569.65	-487.05	-434.14	-496.95		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.00	0.00	174.56	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	97.46	ppb
Tin	118-1	0.15	0.69	0.15	0.33	94.92	ppb
Titanium	47-1	0.04	0.08	0.04	0.05	44.99	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5254-12	Instrumnet Name :	P7
Client Sample ID :	MJNLG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:50:45	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	115.14	ppb
Vanadium	51-2	0.04	0.04	0.01	0.03	49.39	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	1.17	1.10	1.34	1.21	10.37	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	129.68	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-07	Instrumnet Name :	P7
Client Sample ID :	MJNLC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:54:04	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.42	3.33	3.22	3.32	3.04	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	10.48	ppb
Arsenic	75-2	0.43	0.41	0.40	0.42	4.00	ppb
Barium	135-1	0.39	0.46	0.45	0.43	9.03	ppb
Barium	137-1	0.49	0.48	0.46	0.48	2.60	ppb
Beryllium	9-1	-0.02	0.02	0.02	0.01	337.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.04	0.06	0.00	1036.65	ppb
Cadmium	106-1	-0.59	-1.40	-1.91	-1.30		ppb
Cadmium	111-1	0.00	-0.03	-0.04	-0.02		ppb
Calcium	43-1	57.68	63.45	64.84	61.99	6.12	ppb
Calcium	44-1	63.44	64.43	65.76	64.54	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.18	0.18	0.18	1.45	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.58	0.55	0.61	0.58	5.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	8.06	7.73	7.81	7.87	2.22	ppb
Iron	57-2	6.37	6.80	7.17	6.78	5.96	ppb
Iron	54-2	8.00	7.77	7.66	7.81	2.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-07	Instrumnet Name :	P7
Client Sample ID :	MJNLC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:54:04	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.17	0.19	0.17	8.48	ppb
Lead	207-1	0.14	0.17	0.19	0.17	12.25	ppb
Lead	208-1	0.15	0.18	0.19	0.17	9.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	10.08	10.96	10.76	10.60	4.34	ppb
Manganese	55-2	0.57	0.58	0.61	0.58	3.56	ppb
Molybdenum	94-1	0.07	0.12	0.06	0.08	33.44	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	29.85	ppb
Molybdenum	97-1	0.01	-0.01	0.01	0.00	2378.17	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	180.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.06	0.09	0.07	28.46	ppb
Phosphorus	31-2	-15.53	-16.35	-10.55	-14.14		ppb
Potassium	39-2	3.12	3.33	2.78	3.08	8.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	0.56	0.09	0.41	0.35	68.15	ppb
Selenium	77-2	0.00	0.00	0.32	0.11	173.21	ppb
Selenium	78-2	-1.03	-1.04	-0.62	-0.90		ppb
Silicon	28-1	-2.21	-2.09	-1.79	-2.03		ppb
Silver	107-1	0.01	0.01	0.02	0.02	14.28	ppb
Silver	109-1	0.01	0.02	0.01	0.01	18.31	ppb
Sodium	23-2	148.90	150.90	150.93	150.24	0.78	ppb
Strontium	86-1	2.05	2.27	2.22	2.18	5.39	ppb
Strontium	88-1	2.73	2.74	2.81	2.76	1.67	ppb
Sulfur	34-1	1076874.09	1067138.93	1090166.83	1078059.95	1.07	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.06	0.08	0.05	65.16	ppb
Thallium	205-1	0.02	0.06	0.08	0.05	55.45	ppb
Tin	118-1	7.01	7.15	7.15	7.11	1.14	ppb
Titanium	47-1	0.26	0.22	0.23	0.24	8.88	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-07	Instrumnet Name :	P7
Client Sample ID :	MJNLC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:54:04	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	63.53	ppb
Vanadium	51-2	0.29	0.31	0.32	0.31	5.50	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	0.98	0.82	0.94	0.91	9.27	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.40	ppb
Zirconium	91-1	0.06	0.05	0.05	0.05	14.02	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-04	Instrumnet Name :	P7
Client Sample ID :	MJNC00	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:57:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.34	70.67	71.40	71.47	1.17	ppb
Antimony	121-1	0.41	0.45	0.44	0.44	4.65	ppb
Arsenic	75-2	0.34	0.33	0.26	0.31	12.96	ppb
Barium	135-1	30.83	32.93	32.37	32.04	3.39	ppb
Barium	137-1	31.18	33.25	32.94	32.46	3.44	ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.11	0.13	0.09	52.18	ppb
Cadmium	106-1	-0.77	0.10	-1.87	-0.85		ppb
Cadmium	111-1	0.09	0.09	0.03	0.07	48.11	ppb
Calcium	43-1	50916.19	52648.86	52593.93	52053.00	1.89	ppb
Calcium	44-1	50138.50	53417.25	52821.08	52125.61	3.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.66	6.71	6.67	6.68	0.45	ppb
Cobalt	59-2	0.24	0.24	0.26	0.25	3.77	ppb
Copper	63-2	5.27	5.37	5.17	5.27	1.92	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				110		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	194.47	192.55	190.84	192.62	0.94	ppb
Iron	57-2	451.60	454.70	447.69	451.33	0.78	ppb
Iron	54-2	195.15	198.95	196.96	197.02	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-04	Instrumnet Name :	P7
Client Sample ID :	MJNC00	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:57:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.06	3.30	3.26	3.21	4.10	ppb
Lead	207-1	2.94	3.16	3.24	3.11	4.88	ppb
Lead	208-1	3.00	3.21	3.21	3.14	3.88	ppb
Lithium	6-1				96		%
Magnesium	24-2	11669.14	11505.57	11498.03	11557.58	0.84	ppb
Manganese	55-2	16.33	16.29	15.84	16.15	1.68	ppb
Molybdenum	94-1	0.93	0.99	0.95	0.96	3.11	ppb
Molybdenum	95-1	0.65	0.64	0.62	0.64	1.93	ppb
Molybdenum	96-1	0.68	0.68	0.72	0.69	3.16	ppb
Molybdenum	97-1	0.68	0.67	0.64	0.67	3.14	ppb
Molybdenum	98-1	0.63	0.67	0.70	0.67	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.13	8.08	8.08	8.10	0.32	ppb
Phosphorus	31-2	13.98	13.34	10.57	12.63	14.34	ppb
Potassium	39-2	3510.61	3488.60	3432.68	3477.30	1.16	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	82-1	0.84	0.72	0.67	0.74	11.83	ppb
Selenium	77-2	0.81	0.33	0.64	0.59	41.67	ppb
Selenium	78-2	-1.21	0.07	0.40	-0.25		ppb
Silicon	28-1	2468.10	2602.39	2618.68	2563.06	3.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.83	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.15	ppb
Sodium	23-2	4013.94	4052.07	4017.55	4027.86	0.52	ppb
Strontium	86-1	4082.87	4329.16	4335.43	4249.15	3.39	ppb
Strontium	88-1	4183.30	4346.10	4481.91	4337.10	3.45	ppb
Sulfur	34-1	2497.17	2772.43	2618.36	2629.32	5.25	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.02	0.02	16.65	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	19.24	ppb
Tin	118-1	0.15	0.17	0.18	0.17	9.15	ppb
Titanium	47-1	2.31	2.22	2.37	2.30	3.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-04	Instrumnet Name :	P7
Client Sample ID :	MJNC00	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:57:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.24	0.24	0.24	4.28	ppb
Vanadium	51-2	0.77	0.77	0.77	0.77	0.28	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	9.06	9.57	9.25	9.29	2.76	ppb
Zirconium	90-1	0.21	0.23	0.22	0.22	4.70	ppb
Zirconium	91-1	0.21	0.23	0.24	0.22	7.96	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-01	Instrumnet Name :	P7
Client Sample ID :	ME2927	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:00:38	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.00	3.15	3.01	3.05	2.70	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	2.89	ppb
Arsenic	75-2	0.01	0.00	0.02	0.01	91.72	ppb
Barium	135-1	0.03	0.05	0.04	0.04	14.25	ppb
Barium	137-1	0.06	0.04	0.04	0.05	18.22	ppb
Beryllium	9-1	-0.01	0.00	0.02	0.00	1460.31	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.00	0.03	0.02	91.49	ppb
Cadmium	106-1	-0.97	-1.11	-1.60	-1.22		ppb
Cadmium	111-1	-0.01	-0.02	-0.03	-0.02		ppb
Calcium	43-1	19.07	20.59	20.50	20.05	4.26	ppb
Calcium	44-1	20.69	21.17	20.13	20.67	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.22	0.15	0.18	20.04	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.24	0.27	0.26	0.26	5.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	5.66	5.72	5.78	5.72	1.06	ppb
Iron	57-2	4.50	4.87	3.48	4.28	16.79	ppb
Iron	54-2	5.48	6.16	5.60	5.74	6.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-01	Instrumnet Name :	P7
Client Sample ID :	ME2927	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:00:38	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.10	0.10	0.10	2.04	ppb
Lead	207-1	0.08	0.10	0.10	0.09	10.19	ppb
Lead	208-1	0.09	0.10	0.09	0.10	2.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.28	2.31	2.09	2.22	5.44	ppb
Manganese	55-2	0.68	0.72	0.70	0.70	3.40	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	275.96	ppb
Molybdenum	95-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	175.74	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.09	0.08	0.08	6.27	ppb
Phosphorus	31-2	-11.36	-12.75	-15.71	-13.28		ppb
Potassium	39-2	1.44	-1.20	-0.40	-0.05		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	82-1	-0.18	0.34	-0.12	0.01	2381.38	ppb
Selenium	77-2	0.17	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	0.08	-0.38	-1.29	-0.53		ppb
Silicon	28-1	-2.07	-1.69	-1.46	-1.74		ppb
Silver	107-1	0.00	0.00	0.00	0.00	91.98	ppb
Silver	109-1	0.00	0.00	0.00	0.00	15.92	ppb
Sodium	23-2	25.18	24.44	25.01	24.88	1.55	ppb
Strontium	86-1	1.33	1.23	1.34	1.30	4.46	ppb
Strontium	88-1	1.21	1.25	1.26	1.24	2.31	ppb
Sulfur	34-1	-659.30	-580.79	-593.55	-611.21		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.11	0.09	0.10	7.83	ppb
Titanium	47-1	0.04	0.03	0.01	0.03	65.47	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-01	Instrumnet Name :	P7
Client Sample ID :	ME2927	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:00:38	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	87.88	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	182.72	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	0.91	0.95	0.85	0.90	6.07	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	37.21	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-14	Instrumnet Name :	P7
Client Sample ID :	MJNLE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:04:01	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.86	6.50	6.76	6.37	7.22	ppb
Antimony	121-1	0.17	0.16	0.15	0.16	5.13	ppb
Arsenic	75-2	0.24	0.14	0.16	0.18	28.21	ppb
Barium	135-1	0.32	0.32	0.35	0.33	5.69	ppb
Barium	137-1	0.33	0.35	0.36	0.35	4.52	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.06	0.00	0.03	95.54	ppb
Cadmium	106-1	-1.06	-0.24	-1.22	-0.84		ppb
Cadmium	111-1	-0.02	-0.01	-0.02	-0.01		ppb
Calcium	43-1	3539.09	3565.40	3564.52	3556.33	0.42	ppb
Calcium	44-1	3468.58	3513.41	3465.09	3482.36	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.09	0.05	0.08	26.65	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	12.07	ppb
Copper	63-2	0.56	0.57	0.57	0.57	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				107		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	18.98	19.03	18.91	18.97	0.32	ppb
Iron	57-2	32.01	34.43	34.15	33.53	3.95	ppb
Iron	54-2	18.70	17.71	18.78	18.39	3.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-14	Instrumnet Name :	P7
Client Sample ID :	MJNLE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:04:01	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.32	0.32	0.32	0.32	0.98	ppb
Lead	207-1	0.29	0.30	0.31	0.30	3.49	ppb
Lead	208-1	0.31	0.31	0.31	0.31	1.11	ppb
Lithium	6-1				96		%
Magnesium	24-2	10519.10	10539.59	10550.95	10536.55	0.15	ppb
Manganese	55-2	0.92	0.94	0.94	0.94	1.25	ppb
Molybdenum	94-1	0.07	0.09	0.08	0.08	11.47	ppb
Molybdenum	95-1	0.08	0.10	0.11	0.09	17.81	ppb
Molybdenum	96-1	0.11	0.12	0.09	0.11	14.92	ppb
Molybdenum	97-1	0.09	0.12	0.09	0.10	16.60	ppb
Molybdenum	98-1	0.12	0.12	0.10	0.11	5.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.73	0.68	0.71	3.27	ppb
Phosphorus	31-2	-8.70	-11.33	-14.10	-11.38		ppb
Potassium	39-2	3330.88	3331.08	3364.17	3342.04	0.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	0.90	0.36	0.18	0.48	78.53	ppb
Selenium	77-2	0.00	0.00	0.33	0.11	173.21	ppb
Selenium	78-2	0.19	-0.32	-0.70	-0.28		ppb
Silicon	28-1	0.70	1.19	1.66	1.18	40.50	ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.91	ppb
Silver	109-1	0.00	0.01	0.00	0.00	30.20	ppb
Sodium	23-2	89664.74	89381.99	89151.81	89399.51	0.29	ppb
Strontium	86-1	1539.39	1576.22	1529.41	1548.34	1.59	ppb
Strontium	88-1	1610.90	1619.74	1614.14	1614.93	0.28	ppb
Sulfur	34-1	7736.75	7755.87	7793.92	7762.18	0.37	ppb
Terbium	159-1				105		%
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	0.11	0.11	0.10	0.10	6.20	ppb
Titanium	47-1	0.26	0.28	0.28	0.27	4.23	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-14	Instrumnet Name :	P7
Client Sample ID :	MJNLE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:04:01	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.03	0.03	6.45	ppb
Vanadium	51-2	0.05	0.06	0.04	0.05	20.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	1.68	1.71	1.60	1.66	3.52	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	134.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-15	Instrumnet Name :	P7
Client Sample ID :	MJNLF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:07:17	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.19	8.72	8.08	8.33	4.09	ppb
Antimony	121-1	0.10	0.11	0.11	0.10	7.02	ppb
Arsenic	75-2	0.10	0.10	0.08	0.09	16.09	ppb
Barium	135-1	0.15	0.16	0.14	0.15	7.77	ppb
Barium	137-1	0.17	0.15	0.17	0.16	5.71	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.01	0.05	0.01	478.28	ppb
Cadmium	106-1	0.14	-0.75	-0.80	-0.47		ppb
Cadmium	111-1	0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	3608.31	3596.32	3638.45	3614.36	0.60	ppb
Calcium	44-1	3512.30	3538.76	3531.60	3527.56	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.16	0.16	0.14	24.87	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	34.32	ppb
Copper	63-2	0.15	0.14	0.18	0.16	13.02	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				107		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	6.60	6.65	6.65	6.64	0.45	ppb
Iron	57-2	23.31	24.90	22.45	23.55	5.29	ppb
Iron	54-2	5.56	5.84	6.06	5.82	4.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-15	Instrumnet Name :	P7
Client Sample ID :	MJNLF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:07:17	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.08	0.08	0.08	3.80	ppb
Lead	207-1	0.09	0.07	0.07	0.08	15.24	ppb
Lead	208-1	0.08	0.08	0.08	0.08	1.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	10815.77	10638.34	10611.41	10688.51	1.04	ppb
Manganese	55-2	2.68	2.73	2.53	2.65	3.89	ppb
Molybdenum	94-1	0.08	0.10	0.11	0.10	12.75	ppb
Molybdenum	95-1	0.09	0.09	0.09	0.09	0.47	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.11	3.18	ppb
Molybdenum	97-1	0.11	0.11	0.12	0.11	4.72	ppb
Molybdenum	98-1	0.11	0.12	0.10	0.11	8.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.56	0.54	0.53	5.32	ppb
Phosphorus	31-2	-9.48	-8.98	-12.43	-10.30		ppb
Potassium	39-2	3354.74	3311.31	3337.42	3334.49	0.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	0.46	0.74	0.64	0.61	22.79	ppb
Selenium	77-2	0.16	0.16	0.00	0.11	86.60	ppb
Selenium	78-2	-0.28	-0.80	-0.61	-0.56		ppb
Silicon	28-1	0.78	2.02	1.46	1.42	43.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00	42.58	ppb
Silver	109-1	0.00	0.00	0.01	0.00	33.79	ppb
Sodium	23-2	91574.59	89888.22	89969.98	90477.60	1.05	ppb
Strontium	86-1	1569.16	1609.12	1594.66	1590.98	1.27	ppb
Strontium	88-1	1613.46	1626.34	1635.67	1625.16	0.69	ppb
Sulfur	34-1	7946.30	8303.10	8154.31	8134.57	2.20	ppb
Terbium	159-1				105		%
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	0.05	0.06	0.06	4.78	ppb
Titanium	47-1	0.14	0.19	0.16	0.16	15.82	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-15	Instrumnet Name :	P7
Client Sample ID :	MJNLF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:07:17	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.03	0.02	3.30	ppb
Vanadium	51-2	0.04	0.06	0.05	0.05	19.96	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	0.63	0.77	0.68	0.69	10.32	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	412.97	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-16	Instrumnet Name :	P7
Client Sample ID :	MJNLG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:10:36	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.64	3.00	3.28	3.30	9.76	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	4.02	ppb
Arsenic	75-2	0.04	0.05	0.02	0.04	35.64	ppb
Barium	135-1	0.04	0.04	0.03	0.04	17.88	ppb
Barium	137-1	0.05	0.04	0.04	0.04	14.58	ppb
Beryllium	9-1	0.00	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.04	-0.03	-0.02		ppb
Cadmium	106-1	-0.44	0.00	-1.42	-0.62		ppb
Cadmium	111-1	-0.01	0.00	-0.03	-0.01		ppb
Calcium	43-1	538.62	575.86	580.59	565.02	4.07	ppb
Calcium	44-1	548.40	575.79	588.22	570.80	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.09	0.09	0.08	23.29	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	5.51	ppb
Copper	63-2	0.14	0.11	0.14	0.13	13.74	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				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	4.65	4.61	4.66	4.64	0.53	ppb
Iron	57-2	4.62	7.58	6.50	6.23	24.07	ppb
Iron	54-2	4.46	5.19	4.18	4.61	11.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-16	Instrumnet Name :	P7
Client Sample ID :	MJNLG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:10:36	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.09	0.09	0.09	7.94	ppb
Lead	207-1	0.08	0.07	0.08	0.08	7.72	ppb
Lead	208-1	0.08	0.09	0.09	0.09	8.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	1613.31	1605.80	1606.62	1608.58	0.26	ppb
Manganese	55-2	0.43	0.46	0.43	0.44	3.41	ppb
Molybdenum	94-1	0.00	0.03	0.01	0.01	100.23	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	16.71	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	23.82	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	31.02	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	15.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.47	0.49	0.46	7.82	ppb
Phosphorus	31-2	-12.66	-11.60	-15.89	-13.38		ppb
Potassium	39-2	550.46	547.79	546.01	548.09	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	82-1	0.36	0.18	0.09	0.21	66.62	ppb
Selenium	77-2	0.16	0.00	0.00	0.05	173.21	ppb
Selenium	78-2	0.38	-1.16	-1.09	-0.63		ppb
Silicon	28-1	-2.66	-1.68	-1.32	-1.89		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	57.05	ppb
Sodium	23-2	14467.86	14462.34	14392.29	14440.83	0.29	ppb
Strontium	86-1	236.37	253.29	247.42	245.69	3.50	ppb
Strontium	88-1	234.35	249.65	247.53	243.85	3.40	ppb
Sulfur	34-1	991.84	1260.07	1343.37	1198.43	15.33	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.05	0.05	0.05	13.10	ppb
Titanium	47-1	0.16	0.15	0.14	0.15	7.13	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-16	Instrumnet Name :	P7
Client Sample ID :	MJNLG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:10:36	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.01	0.00	9.51	ppb
Vanadium	51-2	0.04	0.03	0.03	0.04	24.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.51	0.57	0.48	0.52	9.31	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-20	Instrumnet Name :	P7
Client Sample ID :	MJNLC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:13:55	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.45	5.77	5.82	5.68	3.54	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	19.46	ppb
Arsenic	75-2	-0.02	-0.01	0.01	-0.01		ppb
Barium	135-1	0.04	0.02	0.02	0.03	45.48	ppb
Barium	137-1	0.03	0.03	0.03	0.03	7.18	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.04	-0.01		ppb
Cadmium	106-1	-0.22	-0.30	-0.96	-0.49		ppb
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Calcium	43-1	26.91	25.13	23.91	25.32	5.96	ppb
Calcium	44-1	25.82	26.29	26.33	26.15	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.09	0.09	0.08	16.54	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.13	0.11	0.14	0.13	10.05	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				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	2.63	2.84	2.71	2.72	3.94	ppb
Iron	57-2	1.86	3.62	1.34	2.27	52.60	ppb
Iron	54-2	2.04	2.65	1.96	2.21	17.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-20	Instrumnet Name :	P7
Client Sample ID :	MJNLC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:13:55	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.07	0.07	7.55	ppb
Lead	207-1	0.07	0.06	0.06	0.06	5.49	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	14.15	14.86	14.57	14.53	2.46	ppb
Manganese	55-2	0.89	0.91	0.90	0.90	1.21	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	2386.65	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.07	0.15	0.11	34.42	ppb
Phosphorus	31-2	-15.84	-10.61	-12.38	-12.94		ppb
Potassium	39-2	19.70	20.25	20.15	20.04	1.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	0.53	0.45	0.10	0.36	62.53	ppb
Selenium	77-2	0.00	0.00	0.16	0.05	173.21	ppb
Selenium	78-2	-0.17	-1.41	0.18	-0.46		ppb
Silicon	28-1	-2.40	-2.12	-2.07	-2.19		ppb
Silver	107-1	0.00	0.00	0.00	0.00	15.57	ppb
Silver	109-1	0.00	0.00	0.00	0.00	93.23	ppb
Sodium	23-2	97.23	98.00	97.47	97.56	0.40	ppb
Strontium	86-1	1.75	2.12	1.47	1.78	18.36	ppb
Strontium	88-1	2.11	2.16	2.20	2.16	1.99	ppb
Sulfur	34-1	21.87	3.44	1.74	9.02	123.81	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.09	0.06	0.07	0.07	21.09	ppb
Titanium	47-1	0.07	0.05	0.04	0.05	28.98	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-20	Instrumnet Name :	P7
Client Sample ID :	MJNLC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:13:55	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	244.68	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	17.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.81	0.82	0.87	0.83	3.95	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	802.50	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:17:17	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10468.58	10351.38	10452.00	10423.99	0.61	ppb
Antimony	121-1	298.83	322.48	321.71	314.34	4.28	ppb
Arsenic	75-2	770.22	766.32	756.63	764.39	0.92	ppb
Barium	135-1	234.39	251.24	254.36	246.66	4.36	ppb
Barium	137-1	235.81	254.54	256.88	249.08	4.64	ppb
Beryllium	9-1	0.28	0.33	0.30	0.30	9.14	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.71	3.06	3.01	2.92	6.54	ppb
Cadmium	106-1	2.46	2.45	2.84	2.58	8.54	ppb
Cadmium	111-1	1.53	1.69	1.77	1.66	7.22	ppb
Calcium	43-1	9232.28	9930.44	10126.34	9763.02	4.81	ppb
Calcium	44-1	8928.31	9689.10	9869.28	9495.56	5.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.36	30.26	30.34	30.32	0.17	ppb
Cobalt	59-2	52.59	52.33	53.36	52.76	1.01	ppb
Copper	63-2	288.57	291.75	289.93	290.08	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				113		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	49067.12	49297.34	49326.68	49230.38	0.29	ppb
Iron	57-2	48487.20	48352.55	48958.41	48599.38	0.65	ppb
Iron	54-2	49822.98	49275.48	49780.05	49626.17	0.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:17:17	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	685.43	742.32	740.94	722.90	4.49	ppb
Lead	207-1	683.19	724.91	735.32	714.47	3.86	ppb
Lead	208-1	681.04	726.43	737.66	715.05	4.19	ppb
Lithium	6-1				105		%
Magnesium	24-2	7634.60	7569.73	7599.34	7601.22	0.43	ppb
Manganese	55-2	1754.42	1755.22	1762.61	1757.42	0.26	ppb
Molybdenum	94-1	13.94	15.14	15.22	14.77	4.88	ppb
Molybdenum	95-1	10.41	11.10	11.30	10.94	4.27	ppb
Molybdenum	96-1	11.20	11.93	12.15	11.76	4.20	ppb
Molybdenum	97-1	10.57	11.54	11.33	11.15	4.60	ppb
Molybdenum	98-1	10.57	11.35	11.35	11.09	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.66	47.99	47.75	47.80	0.36	ppb
Phosphorus	31-2	1027.52	1026.91	1051.85	1035.43	1.37	ppb
Potassium	39-2	2682.29	2650.35	2668.64	2667.09	0.60	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.91	0.94	0.86	0.90	4.17	ppb
Selenium	77-2	4.00	3.05	4.21	3.75	16.41	ppb
Selenium	78-2	0.67	1.63	-0.41	0.63	160.86	ppb
Silicon	28-1	624.76	678.80	688.29	663.95	5.16	ppb
Silver	107-1	0.90	0.95	0.96	0.94	3.32	ppb
Silver	109-1	0.91	0.94	0.96	0.94	2.89	ppb
Sodium	23-2	7178.79	7158.19	7132.78	7156.59	0.32	ppb
Strontium	86-1	2147.72	2320.22	2314.72	2260.89	4.34	ppb
Strontium	88-1	2195.02	2374.90	2374.62	2314.85	4.48	ppb
Sulfur	34-1	719.03	1021.42	1094.66	945.04	21.07	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.30	0.33	0.36	0.33	8.20	ppb
Thallium	205-1	0.32	0.34	0.36	0.34	6.21	ppb
Tin	118-1	48.53	52.43	52.75	51.23	4.59	ppb
Titanium	47-1	339.34	365.22	372.96	359.17	4.90	ppb

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:17:17	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.84	0.81	3.66	ppb
Vanadium	51-2	43.78	43.28	43.76	43.61	0.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	3567.31	3521.61	3591.44	3560.12	1.00	ppb
Zirconium	90-1	2.95	3.20	3.20	3.12	4.58	ppb
Zirconium	91-1	3.19	3.33	3.34	3.29	2.61	ppb

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:20:20	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5487.90	5472.27	5410.39	5456.85	0.75	ppb
Antimony	121-1	43.37	44.16	44.09	43.87	1.00	ppb
Arsenic	75-2	183.26	182.46	182.32	182.68	0.28	ppb
Barium	135-1	80.43	83.30	81.40	81.71	1.79	ppb
Barium	137-1	82.61	84.00	83.12	83.24	0.84	ppb
Beryllium	9-1	0.16	0.20	0.23	0.20	17.04	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.69	1.56	1.60	4.71	ppb
Cadmium	106-1	1.43	0.97	0.63	1.01	39.81	ppb
Cadmium	111-1	1.23	1.27	1.19	1.23	2.93	ppb
Calcium	43-1	69564.14	71626.74	70550.24	70580.38	1.46	ppb
Calcium	44-1	69098.30	70748.41	70735.26	70193.99	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.98	18.14	17.84	17.99	0.84	ppb
Cobalt	59-2	29.67	29.95	29.81	29.81	0.47	ppb
Copper	63-2	366.63	370.01	366.70	367.78	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	24009.72	23906.09	23888.08	23934.63	0.27	ppb
Iron	57-2	24513.50	24257.95	23986.42	24252.63	1.09	ppb
Iron	54-2	24200.38	23986.82	24003.84	24063.68	0.49	ppb
Krypton	83-1						cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:20:20	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	318.08	313.86	316.14	316.03	0.67	ppb
Lead	207-1	312.90	311.83	312.10	312.28	0.18	ppb
Lead	208-1	313.34	310.79	311.91	312.01	0.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	4238.58	4256.70	4219.38	4238.22	0.44	ppb
Manganese	55-2	247.57	247.34	246.21	247.04	0.29	ppb
Molybdenum	94-1	5.18	5.22	5.26	5.22	0.71	ppb
Molybdenum	95-1	3.26	3.27	3.32	3.29	0.98	ppb
Molybdenum	96-1	3.66	3.72	3.75	3.71	1.15	ppb
Molybdenum	97-1	3.32	3.41	3.44	3.39	1.96	ppb
Molybdenum	98-1	3.39	3.41	3.43	3.41	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.84	15.95	15.72	15.84	0.74	ppb
Phosphorus	31-2	823.89	823.90	794.22	814.00	2.10	ppb
Potassium	39-2	1651.50	1648.84	1647.14	1649.16	0.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	82-1	1.01	0.57	0.51	0.69	39.88	ppb
Selenium	77-2	2.72	4.83	1.12	2.89	64.42	ppb
Selenium	78-2	-1.34	-0.38	-0.34	-0.69		ppb
Silicon	28-1	901.61	1005.22	938.72	948.51	5.53	ppb
Silver	107-1	1.31	1.37	1.31	1.33	2.67	ppb
Silver	109-1	1.29	1.37	1.34	1.33	3.13	ppb
Sodium	23-2	9651.06	9525.98	9567.59	9581.54	0.66	ppb
Strontium	86-1	14363.53	14520.68	14825.15	14569.79	1.61	ppb
Strontium	88-1	14439.65	14582.52	14503.07	14508.41	0.49	ppb
Sulfur	34-1	1920.84	2102.27	2090.15	2037.75	4.98	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.20	0.20	0.21	0.20	2.43	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.58	ppb
Tin	118-1	30.92	31.34	31.23	31.16	0.70	ppb
Titanium	47-1	259.39	264.54	263.00	262.31	1.01	ppb

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:20:20	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.16	1.16	1.16	0.62	ppb
Vanadium	51-2	22.95	22.99	22.92	22.95	0.17	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	1566.41	1562.32	1559.66	1562.80	0.22	ppb
Zirconium	90-1	1.36	1.41	1.41	1.39	2.19	ppb
Zirconium	91-1	1.44	1.43	1.46	1.45	1.14	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:23:27	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6856.76	6738.90	6976.11	6857.26	1.73	ppb
Antimony	121-1	95.80	106.11	106.46	102.79	5.89	ppb
Arsenic	75-2	938.52	938.28	946.48	941.10	0.50	ppb
Barium	135-1	55.69	62.51	61.23	59.81	6.07	ppb
Barium	137-1	56.63	62.64	62.94	60.74	5.86	ppb
Beryllium	9-1	0.42	0.44	0.55	0.47	14.70	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.00	2.70	3.22	2.97	8.75	ppb
Cadmium	106-1	1.85	2.67	2.55	2.35	18.81	ppb
Cadmium	111-1	1.83	2.18	2.13	2.05	9.35	ppb
Calcium	43-1	6130.08	6712.98	6740.27	6527.78	5.28	ppb
Calcium	44-1	5970.87	6534.86	6610.78	6372.17	5.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.69	31.19	30.68	30.85	0.95	ppb
Cobalt	59-2	46.86	46.96	46.71	46.85	0.27	ppb
Copper	63-2	419.72	427.00	423.50	423.41	0.86	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				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	56-2	45373.43	45756.05	45368.17	45499.22	0.49	ppb
Iron	57-2	44826.78	45073.94	44918.92	44939.88	0.28	ppb
Iron	54-2	45473.59	45997.62	45538.95	45670.05	0.63	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:23:27	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	761.94	834.13	845.86	813.98	5.58	ppb
Lead	207-1	758.57	817.94	832.16	802.89	4.86	ppb
Lead	208-1	762.14	824.41	835.64	807.39	4.90	ppb
Lithium	6-1				105		%
Magnesium	24-2	4748.09	4682.82	4745.20	4725.37	0.78	ppb
Manganese	55-2	353.38	356.47	358.19	356.01	0.68	ppb
Molybdenum	94-1	33.63	37.27	37.24	36.05	5.81	ppb
Molybdenum	95-1	39.33	42.62	43.03	41.66	4.87	ppb
Molybdenum	96-1	39.16	42.45	42.82	41.48	4.86	ppb
Molybdenum	97-1	40.08	43.05	43.63	42.25	4.50	ppb
Molybdenum	98-1	39.61	43.23	43.66	42.16	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.79	33.16	32.83	32.93	0.61	ppb
Phosphorus	31-2	884.96	894.59	898.30	892.62	0.77	ppb
Potassium	39-2	2663.99	2671.23	2690.19	2675.14	0.51	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	0.60	0.70	0.25	0.52	46.37	ppb
Selenium	77-2	4.10	3.65	3.47	3.74	8.68	ppb
Selenium	78-2	0.53	0.04	1.49	0.69	106.79	ppb
Silicon	28-1	1798.39	1972.73	1938.38	1903.17	4.85	ppb
Silver	107-1	0.77	0.83	0.88	0.83	6.20	ppb
Silver	109-1	0.74	0.84	0.85	0.81	7.77	ppb
Sodium	23-2	10166.78	10032.86	10132.23	10110.62	0.69	ppb
Strontium	86-1	1197.19	1314.69	1306.11	1272.66	5.15	ppb
Strontium	88-1	1227.65	1356.29	1345.43	1309.79	5.45	ppb
Sulfur	34-1	377.58	701.58	651.38	576.85	30.23	ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.70	0.76	0.79	0.75	6.39	ppb
Thallium	205-1	0.73	0.75	0.79	0.76	4.42	ppb
Tin	118-1	38.41	43.18	43.38	41.66	6.76	ppb
Titanium	47-1	145.01	157.20	160.72	154.31	5.34	ppb

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:23:27	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.33	1.31	1.28	5.12	ppb
Vanadium	51-2	28.77	28.66	28.75	28.73	0.20	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	2729.27	2752.95	2769.64	2750.62	0.74	ppb
Zirconium	90-1	0.90	0.98	1.15	1.01	12.65	ppb
Zirconium	91-1	1.03	1.11	1.21	1.12	8.09	ppb

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:26:30	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5604.93	5666.66	5607.28	5626.29	0.62	ppb
Antimony	121-1	18.60	19.10	19.10	18.93	1.52	ppb
Arsenic	75-2	36.80	36.69	36.13	36.54	0.98	ppb
Barium	135-1	26.73	27.36	27.37	27.15	1.34	ppb
Barium	137-1	26.94	27.45	27.71	27.37	1.43	ppb
Beryllium	9-1	0.14	0.15	0.11	0.13	15.55	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	1.03	0.78	0.90	13.97	ppb
Cadmium	106-1	0.46	-0.18	0.62	0.30	140.26	ppb
Cadmium	111-1	0.49	0.51	0.57	0.52	8.50	ppb
Calcium	43-1	14961.40	15112.04	15302.79	15125.41	1.13	ppb
Calcium	44-1	14463.39	14711.23	14829.57	14668.06	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.98	18.31	18.23	18.17	0.94	ppb
Cobalt	59-2	10.00	10.00	9.88	9.96	0.72	ppb
Copper	63-2	153.02	154.27	152.75	153.35	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				112		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	12974.09	13180.93	13125.02	13093.34	0.82	ppb
Iron	57-2	13194.99	12822.16	13015.30	13010.82	1.43	ppb
Iron	54-2	13275.65	13217.97	13279.02	13257.55	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:26:30	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.80	67.05	66.74	66.20	1.84	ppb
Lead	207-1	63.29	65.43	65.23	64.65	1.83	ppb
Lead	208-1	63.57	65.55	65.13	64.75	1.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	3760.64	3812.45	3813.21	3795.44	0.79	ppb
Manganese	55-2	127.76	127.69	127.54	127.66	0.09	ppb
Molybdenum	94-1	5.92	6.16	6.16	6.08	2.35	ppb
Molybdenum	95-1	1.82	1.88	1.94	1.88	3.10	ppb
Molybdenum	96-1	2.37	2.45	2.33	2.38	2.57	ppb
Molybdenum	97-1	1.82	1.91	1.96	1.90	3.63	ppb
Molybdenum	98-1	1.86	1.91	1.96	1.91	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.79	18.83	18.85	18.82	0.18	ppb
Phosphorus	31-2	869.57	890.19	884.85	881.54	1.21	ppb
Potassium	39-2	1070.86	1077.55	1075.59	1074.67	0.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	0.77	0.66	0.81	0.75	10.29	ppb
Selenium	77-2	3.96	4.12	3.49	3.86	8.47	ppb
Selenium	78-2	0.13	-0.01	-0.29	-0.06		ppb
Silicon	28-1	150.28	150.65	157.42	152.78	2.63	ppb
Silver	107-1	0.51	0.50	0.53	0.52	2.98	ppb
Silver	109-1	0.51	0.49	0.51	0.50	1.68	ppb
Sodium	23-2	7582.65	7604.02	7660.44	7615.70	0.53	ppb
Strontium	86-1	1550.32	1587.09	1578.53	1571.98	1.22	ppb
Strontium	88-1	1589.87	1630.08	1625.32	1615.09	1.36	ppb
Sulfur	34-1	1738.40	1911.09	2048.82	1899.43	8.19	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.21	0.20	0.20	6.65	ppb
Thallium	205-1	0.18	0.20	0.19	0.19	4.08	ppb
Tin	118-1	5.27	5.41	5.41	5.37	1.50	ppb
Titanium	47-1	515.23	522.05	528.70	521.99	1.29	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:26:30	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	1.02	1.00	0.99	2.70	ppb
Vanadium	51-2	30.33	30.34	30.53	30.40	0.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	294.42	297.01	296.13	295.85	0.45	ppb
Zirconium	90-1	2.42	2.49	2.63	2.51	4.22	ppb
Zirconium	91-1	2.45	2.55	2.49	2.49	2.13	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:29:41	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10671.12	10769.44	10763.57	10734.71	0.51	ppb
Antimony	121-1	766.43	789.54	809.70	788.56	2.75	ppb
Arsenic	75-2	1059.63	1066.55	1083.25	1069.81	1.14	ppb
Barium	135-1	94.74	97.09	99.93	97.25	2.67	ppb
Barium	137-1	96.14	99.20	100.92	98.76	2.45	ppb
Beryllium	9-1	0.59	0.65	0.68	0.64	7.34	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.67	2.46	2.62	2.58	4.23	ppb
Cadmium	106-1	2.57	2.29	2.62	2.49	7.19	ppb
Cadmium	111-1	1.40	1.43	1.45	1.43	1.75	ppb
Calcium	43-1	6115.66	6339.66	6274.10	6243.14	1.84	ppb
Calcium	44-1	5919.09	6158.25	6081.60	6052.98	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.05	43.32	43.63	43.33	0.67	ppb
Cobalt	59-2	50.59	50.44	50.71	50.58	0.27	ppb
Copper	63-2	496.06	493.52	484.64	491.41	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	53297.99	53628.27	53480.04	53468.77	0.31	ppb
Iron	57-2	52037.18	52161.37	52777.27	52325.27	0.76	ppb
Iron	54-2	53697.65	53237.32	53475.53	53470.17	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:29:41	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	839.13	872.91	868.58	860.21	2.14	ppb
Lead	207-1	842.12	866.86	853.71	854.23	1.45	ppb
Lead	208-1	837.93	863.74	853.73	851.80	1.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	7891.63	7957.49	7870.23	7906.45	0.58	ppb
Manganese	55-2	468.11	469.67	472.44	470.07	0.47	ppb
Molybdenum	94-1	52.20	53.73	53.67	53.20	1.63	ppb
Molybdenum	95-1	55.11	56.50	56.68	56.10	1.53	ppb
Molybdenum	96-1	55.68	57.15	57.19	56.67	1.52	ppb
Molybdenum	97-1	55.86	57.18	56.96	56.67	1.25	ppb
Molybdenum	98-1	55.58	56.73	57.01	56.44	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.32	63.46	63.75	63.51	0.34	ppb
Phosphorus	31-2	939.21	968.04	965.20	957.48	1.66	ppb
Potassium	39-2	2558.37	2550.16	2532.86	2547.13	0.51	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.51	1.35	1.43	1.43	5.77	ppb
Selenium	77-2	3.83	3.41	6.33	4.52	34.93	ppb
Selenium	78-2	0.58	0.31	0.48	0.46	30.50	ppb
Silicon	28-1	270.43	278.71	326.02	291.72	10.28	ppb
Silver	107-1	1.57	1.61	1.68	1.62	3.58	ppb
Silver	109-1	1.54	1.56	1.62	1.57	2.39	ppb
Sodium	23-2	7175.86	7160.47	7160.72	7165.68	0.12	ppb
Strontium	86-1	1245.25	1278.17	1274.86	1266.09	1.43	ppb
Strontium	88-1	1287.52	1303.30	1316.09	1302.30	1.10	ppb
Sulfur	34-1	891.63	941.19	811.18	881.33	7.44	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.72	0.74	0.72	0.73	1.95	ppb
Thallium	205-1	0.71	0.76	0.72	0.73	3.72	ppb
Tin	118-1	141.42	148.56	153.16	147.71	4.00	ppb
Titanium	47-1	357.56	372.84	372.41	367.60	2.37	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:29:41	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.22	1.21	1.21	1.28	ppb
Vanadium	51-2	43.08	43.10	43.31	43.16	0.29	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	2476.27	2505.35	2521.98	2501.20	0.93	ppb
Zirconium	90-1	3.49	3.65	3.65	3.59	2.52	ppb
Zirconium	91-1	3.70	3.82	3.84	3.79	2.05	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:32:42	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18733.08	18592.73	18616.81	18647.54	0.40	ppb
Antimony	121-1	2860.63	2944.66	2937.31	2914.20	1.60	ppb
Arsenic	75-2	7998.30	7900.85	8092.55	7997.24	1.20	ppb
Barium	135-1	285.38	294.36	293.54	291.09	1.71	ppb
Barium	137-1	297.49	311.52	309.50	306.17	2.48	ppb
Beryllium	9-1	1.73	1.74	1.75	1.74	0.50	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	21.42	20.94	20.76	21.04	1.62	ppb
Cadmium	106-1	20.14	19.94	19.84	19.97	0.76	ppb
Cadmium	111-1	12.52	12.95	12.72	12.73	1.70	ppb
Calcium	43-1	44778.98	45660.29	44987.31	45142.19	1.02	ppb
Calcium	44-1	44163.71	45650.47	45344.73	45052.97	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.55	170.62	172.97	171.71	0.69	ppb
Cobalt	59-2	259.18	260.13	264.88	261.40	1.17	ppb
Copper	63-2	3171.26	3133.40	3179.73	3161.46	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				130		%
Indium	115-2				123		%
Iron	56-2	235945.09	234892.41	237799.65	236212.38	0.62	ppb
Iron	57-2	235860.37	233309.36	236375.24	235181.66	0.70	ppb
Iron	54-2	235881.57	236641.17	240846.70	237789.81	1.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:32:42	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4481.84	4494.07	4584.71	4520.20	1.24	ppb
Lead	207-1	4400.18	4397.88	4551.77	4449.94	1.98	ppb
Lead	208-1	4405.42	4440.90	4550.62	4465.65	1.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	8369.39	8330.16	8473.82	8391.12	0.88	ppb
Manganese	55-2	881.09	885.83	897.46	888.13	0.95	ppb
Molybdenum	94-1	479.19	490.78	486.12	485.36	1.20	ppb
Molybdenum	95-1	551.47	568.21	564.08	561.25	1.55	ppb
Molybdenum	96-1	546.56	558.02	562.33	555.64	1.47	ppb
Molybdenum	97-1	552.70	563.86	566.14	560.90	1.28	ppb
Molybdenum	98-1	549.64	566.69	562.86	559.73	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.47	98.81	99.98	99.42	0.59	ppb
Phosphorus	31-2	1010.64	993.87	1010.38	1004.96	0.96	ppb
Potassium	39-2	4609.26	4579.64	4647.67	4612.19	0.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	4.53	4.20	4.27	4.34	3.95	ppb
Selenium	77-2	7.39	7.90	7.34	7.54	4.07	ppb
Selenium	78-2	3.92	4.21	4.08	4.07	3.55	ppb
Silicon	28-1	2436.81	2580.47	2608.68	2541.99	3.63	ppb
Silver	107-1	7.34	7.52	7.67	7.51	2.19	ppb
Silver	109-1	7.22	7.45	7.54	7.40	2.19	ppb
Sodium	23-2	14684.07	14610.69	14666.72	14653.82	0.26	ppb
Strontium	86-1	7987.13	8511.70	8184.75	8227.86	3.22	ppb
Strontium	88-1	8263.74	8453.91	8447.31	8388.32	1.29	ppb
Sulfur	34-1	5066.17	5317.93	5300.82	5228.31	2.69	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	4.97	5.06	5.16	5.06	1.86	ppb
Thallium	205-1	4.94	5.04	5.09	5.02	1.53	ppb
Tin	118-1	693.84	700.99	707.14	700.66	0.95	ppb
Titanium	47-1	967.82	1025.27	1020.05	1004.38	3.16	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:32:42	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	8.05	8.24	8.42	8.24	2.22	ppb
Vanadium	51-2	59.52	59.04	59.85	59.47	0.68	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	16130.53	16021.58	16191.21	16114.44	0.53	ppb
Zirconium	90-1	16.55	16.96	17.14	16.89	1.79	ppb
Zirconium	91-1	18.46	18.76	18.71	18.64	0.87	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-10	Instrumnet Name :	P7
Client Sample ID :	MJNKB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:36:36	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9555.08	9638.97	9445.96	9546.67	1.01	ppb
Antimony	121-1	517.31	520.70	521.46	519.82	0.42	ppb
Arsenic	75-2	685.28	692.38	676.68	684.78	1.15	ppb
Barium	135-1	80.58	82.44	83.06	82.02	1.57	ppb
Barium	137-1	82.77	82.44	83.75	82.99	0.82	ppb
Beryllium	9-1	0.36	0.38	0.41	0.38	7.48	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	2.30	2.04	2.04	12.37	ppb
Cadmium	106-1	2.31	2.22	1.20	1.91	32.33	ppb
Cadmium	111-1	1.00	1.01	1.05	1.02	2.83	ppb
Calcium	43-1	5562.82	5670.33	5681.81	5638.32	1.16	ppb
Calcium	44-1	5295.73	5460.31	5488.41	5414.82	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.64	33.41	33.18	33.41	0.69	ppb
Cobalt	59-2	41.48	41.28	41.07	41.28	0.50	ppb
Copper	63-2	292.64	286.95	290.69	290.09	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	45086.05	45150.01	44245.46	44827.18	1.13	ppb
Iron	57-2	44498.77	44328.89	43820.03	44215.90	0.80	ppb
Iron	54-2	44991.61	45290.31	44352.80	44878.24	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-10	Instrumnet Name :	P7
Client Sample ID :	MJNKB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:36:36	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	620.07	637.01	643.79	633.63	1.93	ppb
Lead	207-1	616.08	635.45	645.39	632.31	2.36	ppb
Lead	208-1	621.68	637.90	644.12	634.56	1.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	7789.06	7691.76	7567.32	7682.71	1.45	ppb
Manganese	55-2	467.19	464.71	467.33	466.41	0.32	ppb
Molybdenum	94-1	20.29	20.74	20.48	20.50	1.10	ppb
Molybdenum	95-1	15.18	15.78	15.68	15.55	2.06	ppb
Molybdenum	96-1	16.19	16.57	16.46	16.40	1.18	ppb
Molybdenum	97-1	15.39	15.82	15.97	15.72	1.92	ppb
Molybdenum	98-1	15.36	15.80	15.77	15.64	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.48	52.52	52.31	52.44	0.21	ppb
Phosphorus	31-2	1110.96	1162.19	1123.11	1132.09	2.36	ppb
Potassium	39-2	2460.67	2455.35	2424.18	2446.74	0.81	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	1.07	1.14	1.45	1.22	16.64	ppb
Selenium	77-2	4.29	3.16	2.50	3.32	27.28	ppb
Selenium	78-2	1.69	0.78	-0.18	0.76	122.74	ppb
Silicon	28-1	154.00	157.67	200.62	170.76	15.18	ppb
Silver	107-1	0.84	0.86	0.84	0.85	1.56	ppb
Silver	109-1	0.84	0.82	0.86	0.84	1.97	ppb
Sodium	23-2	7344.22	7281.72	7218.08	7281.34	0.87	ppb
Strontium	86-1	1119.68	1153.63	1150.98	1141.43	1.65	ppb
Strontium	88-1	1137.56	1178.57	1167.78	1161.30	1.83	ppb
Sulfur	34-1	555.33	583.10	628.96	589.13	6.31	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.35	0.36	0.37	0.36	2.21	ppb
Thallium	205-1	0.35	0.36	0.36	0.36	1.17	ppb
Tin	118-1	101.28	102.13	103.00	102.14	0.84	ppb
Titanium	47-1	322.57	328.74	332.20	327.83	1.49	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-10	Instrumnet Name :	P7
Client Sample ID :	MJNKB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:36:36	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.77	0.77	0.77	0.63	ppb
Vanadium	51-2	40.73	40.72	40.76	40.74	0.04	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	2122.49	2121.56	2079.71	2107.92	1.16	ppb
Zirconium	90-1	4.08	4.67	4.26	4.34	6.98	ppb
Zirconium	91-1	4.26	4.43	4.38	4.36	2.05	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:39:39	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17814.70	17692.25	17538.97	17681.97	0.78	ppb
Antimony	121-1	2376.99	2456.82	2437.13	2423.65	1.72	ppb
Arsenic	75-2	5219.88	5279.70	5307.97	5269.18	0.85	ppb
Barium	135-1	652.85	676.36	668.25	665.82	1.79	ppb
Barium	137-1	657.58	686.35	670.61	671.51	2.15	ppb
Beryllium	9-1	1.12	1.20	1.26	1.19	5.82	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	12.32	12.25	12.70	12.42	1.94	ppb
Cadmium	106-1	13.60	15.49	13.29	14.13	8.44	ppb
Cadmium	111-1	5.74	6.22	5.94	5.97	3.98	ppb
Calcium	43-1	70680.26	75177.44	73962.82	73273.51	3.18	ppb
Calcium	44-1	70894.24	74161.89	73703.45	72919.86	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.94	48.63	48.73	48.77	0.33	ppb
Cobalt	59-2	142.62	142.11	141.30	142.01	0.47	ppb
Copper	63-2	2403.09	2409.98	2388.17	2400.41	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				144		%
Indium	115-2				136		%
Iron	56-2	152724.88	151330.06	151352.07	151802.34	0.53	ppb
Iron	57-2	150004.93	150244.29	149162.77	149804.00	0.38	ppb
Iron	54-2	152442.44	151393.00	151148.08	151661.17	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:39:39	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4397.01	4600.58	4587.98	4528.52	2.52	ppb
Lead	207-1	4420.53	4598.51	4565.04	4528.03	2.09	ppb
Lead	208-1	4402.65	4594.27	4564.84	4520.59	2.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	9368.14	9317.45	9350.79	9345.46	0.28	ppb
Manganese	55-2	1362.39	1350.59	1346.68	1353.22	0.60	ppb
Molybdenum	94-1	122.43	127.08	125.84	125.12	1.92	ppb
Molybdenum	95-1	111.37	115.61	115.14	114.04	2.04	ppb
Molybdenum	96-1	113.01	117.74	118.27	116.34	2.49	ppb
Molybdenum	97-1	112.70	116.49	116.21	115.13	1.84	ppb
Molybdenum	98-1	112.17	116.59	116.46	115.07	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.41	83.42	82.92	83.25	0.34	ppb
Phosphorus	31-2	1157.35	1175.33	1177.64	1170.10	0.95	ppb
Potassium	39-2	4464.97	4523.33	4497.90	4495.40	0.65	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	4.22	4.62	4.38	4.41	4.50	ppb
Selenium	77-2	5.75	5.19	7.45	6.13	19.21	ppb
Selenium	78-2	3.72	3.37	4.78	3.96	18.50	ppb
Silicon	28-1	739.82	791.02	771.66	767.50	3.37	ppb
Silver	107-1	6.61	7.02	6.88	6.84	3.01	ppb
Silver	109-1	6.61	6.94	6.80	6.78	2.48	ppb
Sodium	23-2	16037.73	15811.30	15883.15	15910.73	0.73	ppb
Strontium	86-1	10812.77	11419.37	11368.36	11200.16	3.00	ppb
Strontium	88-1	10705.02	11165.12	11229.73	11033.29	2.59	ppb
Sulfur	34-1	3313.15	3772.19	3726.45	3603.93	7.02	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	1.23	1.29	1.28	1.27	2.32	ppb
Thallium	205-1	1.21	1.27	1.26	1.25	2.51	ppb
Tin	118-1	790.08	831.61	808.54	810.08	2.57	ppb
Titanium	47-1	615.52	647.96	647.73	637.07	2.93	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:39:39	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.74	3.96	3.94	3.88	3.07	ppb
Vanadium	51-2	53.54	52.99	53.17	53.23	0.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	15709.63	15666.31	15563.66	15646.54	0.48	ppb
Zirconium	90-1	16.22	16.99	17.06	16.76	2.78	ppb
Zirconium	91-1	17.22	18.24	18.07	17.84	3.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-12	Instrumnet Name :	P7
Client Sample ID :	MJNKB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:42:34	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7923.04	7737.05	7957.43	7872.50	1.51	ppb
Antimony	121-1	28.69	28.82	28.88	28.80	0.33	ppb
Arsenic	75-2	43.82	43.39	43.78	43.66	0.54	ppb
Barium	135-1	16.39	16.63	16.73	16.59	1.06	ppb
Barium	137-1	16.76	17.21	16.62	16.86	1.83	ppb
Beryllium	9-1	0.25	0.24	0.21	0.23	7.72	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.70	0.41	0.57	26.26	ppb
Cadmium	106-1	0.85	0.66	0.95	0.82	17.40	ppb
Cadmium	111-1	0.22	0.23	0.26	0.24	8.20	ppb
Calcium	43-1	3497.30	3506.52	3525.98	3509.93	0.42	ppb
Calcium	44-1	3355.76	3371.98	3366.61	3364.78	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.74	28.91	29.05	28.90	0.52	ppb
Cobalt	59-2	16.23	16.40	16.44	16.35	0.69	ppb
Copper	63-2	48.17	48.60	48.91	48.56	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	25164.76	25005.57	25309.78	25160.04	0.60	ppb
Iron	57-2	24768.45	24712.98	25105.43	24862.28	0.85	ppb
Iron	54-2	25343.86	25446.92	25372.15	25387.64	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-12	Instrumnet Name :	P7
Client Sample ID :	MJNKB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:42:34	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.98	51.87	51.36	51.40	0.87	ppb
Lead	207-1	48.89	50.32	49.91	49.70	1.48	ppb
Lead	208-1	49.72	50.83	50.19	50.25	1.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	7397.95	7255.41	7351.17	7334.84	0.99	ppb
Manganese	55-2	294.73	290.58	293.82	293.05	0.74	ppb
Molybdenum	94-1	6.18	6.40	6.38	6.32	1.92	ppb
Molybdenum	95-1	0.97	1.00	0.98	0.99	1.67	ppb
Molybdenum	96-1	1.66	1.79	1.75	1.73	3.81	ppb
Molybdenum	97-1	0.98	1.03	1.09	1.03	5.27	ppb
Molybdenum	98-1	0.97	1.04	0.97	0.99	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.64	44.85	45.44	44.98	0.92	ppb
Phosphorus	31-2	692.27	665.20	701.75	686.41	2.76	ppb
Potassium	39-2	2086.70	2080.09	2125.26	2097.35	1.16	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.72	0.70	0.44	0.62	25.02	ppb
Selenium	77-2	3.97	3.08	2.82	3.29	18.33	ppb
Selenium	78-2	1.01	0.19	0.50	0.57	72.90	ppb
Silicon	28-1	159.48	159.04	158.94	159.15	0.18	ppb
Silver	107-1	0.19	0.17	0.17	0.17	7.16	ppb
Silver	109-1	0.18	0.17	0.15	0.17	7.78	ppb
Sodium	23-2	6087.12	5959.71	6100.81	6049.21	1.29	ppb
Strontium	86-1	792.72	800.67	808.62	800.67	0.99	ppb
Strontium	88-1	787.53	803.17	796.91	795.87	0.99	ppb
Sulfur	34-1	533.05	499.86	446.62	493.18	8.84	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.16	0.15	0.15	5.22	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	2.90	ppb
Tin	118-1	6.42	6.55	6.49	6.49	1.02	ppb
Titanium	47-1	304.71	308.27	308.10	307.02	0.65	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-12	Instrumnet Name :	P7
Client Sample ID :	MJNKB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:42:34	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.40	0.39	0.39	2.39	ppb
Vanadium	51-2	34.36	34.45	35.10	34.64	1.16	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	193.73	193.68	196.56	194.65	0.85	ppb
Zirconium	90-1	2.96	3.01	3.00	2.99	1.02	ppb
Zirconium	91-1	2.98	3.08	3.07	3.04	1.75	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-13	Instrumnet Name :	P7
Client Sample ID :	MJNKB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:45:43	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5638.11	5714.77	5627.32	5660.07	0.84	ppb
Antimony	121-1	2.52	2.71	2.52	2.58	4.14	ppb
Arsenic	75-2	11.41	11.96	11.90	11.76	2.58	ppb
Barium	135-1	11.10	11.98	11.06	11.38	4.55	ppb
Barium	137-1	11.27	11.87	11.04	11.40	3.74	ppb
Beryllium	9-1	0.13	0.17	0.18	0.16	16.38	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.21	0.43	0.26	0.30	38.51	ppb
Cadmium	106-1	-0.02	0.31	0.70	0.33	110.00	ppb
Cadmium	111-1	0.06	0.06	0.07	0.06	11.57	ppb
Calcium	43-1	4170.85	4415.30	4134.88	4240.34	3.60	ppb
Calcium	44-1	4060.16	4378.63	4001.81	4146.87	4.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.48	15.87	15.87	15.74	1.44	ppb
Cobalt	59-2	6.74	6.79	6.75	6.76	0.41	ppb
Copper	63-2	30.26	29.90	29.84	30.00	0.75	ppb
Dysprosium	156-1						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				106		%
Indium	115-2				101		%
Iron	56-2	15444.35	15468.27	15347.37	15419.99	0.42	ppb
Iron	57-2	15214.85	15243.27	15345.85	15267.99	0.45	ppb
Iron	54-2	15434.19	15708.60	15367.82	15503.54	1.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-13	Instrumnet Name :	P7
Client Sample ID :	MJNKB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:45:43	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.51	14.54	13.32	13.79	4.73	ppb
Lead	207-1	12.98	13.87	12.85	13.23	4.21	ppb
Lead	208-1	13.18	14.14	13.01	13.45	4.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	4147.38	4109.95	4137.54	4131.62	0.47	ppb
Manganese	55-2	390.97	399.71	386.88	392.52	1.67	ppb
Molybdenum	94-1	5.50	6.05	5.34	5.63	6.61	ppb
Molybdenum	95-1	0.73	0.74	0.69	0.72	3.80	ppb
Molybdenum	96-1	1.38	1.40	1.36	1.38	1.80	ppb
Molybdenum	97-1	0.74	0.81	0.73	0.76	5.25	ppb
Molybdenum	98-1	0.73	0.79	0.75	0.75	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.94	14.39	14.01	14.11	1.71	ppb
Phosphorus	31-2	1185.73	1176.46	1176.62	1179.60	0.45	ppb
Potassium	39-2	1084.68	1085.12	1081.40	1083.73	0.19	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.26	0.64	0.57	0.49	41.59	ppb
Selenium	77-2	3.46	3.48	5.59	4.18	29.31	ppb
Selenium	78-2	1.52	0.78	0.50	0.93	56.72	ppb
Silicon	28-1	127.08	147.86	144.45	139.80	7.97	ppb
Silver	107-1	0.07	0.08	0.07	0.07	10.58	ppb
Silver	109-1	0.07	0.08	0.07	0.08	7.80	ppb
Sodium	23-2	7565.99	7542.47	7605.43	7571.30	0.42	ppb
Strontium	86-1	859.31	885.69	828.55	857.85	3.33	ppb
Strontium	88-1	838.86	885.56	823.35	849.26	3.81	ppb
Sulfur	34-1	575.19	934.14	633.66	714.33	26.96	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.04	0.04	17.46	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	12.33	ppb
Tin	118-1	1.13	1.22	1.13	1.16	4.51	ppb
Titanium	47-1	526.06	560.85	524.37	537.10	3.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-13	Instrumnet Name :	P7
Client Sample ID :	MJNKB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:45:43	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.35	0.33	0.33	3.50	ppb
Vanadium	51-2	45.19	45.78	45.07	45.35	0.84	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	48.81	48.94	49.30	49.01	0.52	ppb
Zirconium	90-1	2.69	2.86	2.78	2.78	3.10	ppb
Zirconium	91-1	2.69	2.90	2.71	2.77	4.30	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-14	Instrumnet Name :	P7
Client Sample ID :	MJNKC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:49:29	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5369.47	5360.81	5300.02	5343.44	0.71	ppb
Antimony	121-1	4.62	4.76	4.69	4.69	1.53	ppb
Arsenic	75-2	23.15	23.73	23.79	23.56	1.51	ppb
Barium	135-1	11.47	11.70	11.97	11.71	2.12	ppb
Barium	137-1	11.82	11.94	11.92	11.89	0.56	ppb
Beryllium	9-1	0.15	0.17	0.15	0.16	5.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.31	0.23	0.24	23.92	ppb
Cadmium	106-1	-0.01	0.05	-0.62	-0.19		ppb
Cadmium	111-1	0.11	0.09	0.08	0.09	13.36	ppb
Calcium	43-1	3182.68	3180.44	3231.81	3198.31	0.91	ppb
Calcium	44-1	3087.27	3119.86	3191.13	3132.75	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.31	16.31	16.36	16.33	0.17	ppb
Cobalt	59-2	6.96	6.85	6.87	6.89	0.81	ppb
Copper	63-2	51.83	51.99	52.30	52.04	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	13589.11	13587.04	13757.63	13644.59	0.72	ppb
Iron	57-2	13689.30	13571.58	13757.39	13672.76	0.69	ppb
Iron	54-2	13711.47	13814.39	13805.36	13777.07	0.41	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-14	Instrumnet Name :	P7
Client Sample ID :	MJNKC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:49:29	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.15	23.13	23.54	23.27	1.01	ppb
Lead	207-1	22.31	22.85	22.58	22.58	1.18	ppb
Lead	208-1	22.61	22.75	22.87	22.74	0.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	4200.91	4131.91	4162.41	4165.07	0.83	ppb
Manganese	55-2	154.01	152.97	154.29	153.76	0.45	ppb
Molybdenum	94-1	4.23	4.33	4.30	4.29	1.15	ppb
Molybdenum	95-1	0.43	0.43	0.41	0.42	2.76	ppb
Molybdenum	96-1	0.92	0.95	0.87	0.91	4.25	ppb
Molybdenum	97-1	0.40	0.42	0.42	0.41	2.17	ppb
Molybdenum	98-1	0.44	0.43	0.41	0.43	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.48	18.25	17.79	18.17	1.93	ppb
Phosphorus	31-2	810.39	832.94	827.81	823.71	1.43	ppb
Potassium	39-2	1257.90	1261.75	1264.20	1261.28	0.25	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.27	0.46	0.46	0.39	28.05	ppb
Selenium	77-2	3.49	4.65	1.82	3.32	42.83	ppb
Selenium	78-2	-0.29	0.26	0.48	0.15	270.31	ppb
Silicon	28-1	155.29	147.57	139.50	147.45	5.36	ppb
Silver	107-1	0.16	0.17	0.17	0.17	1.30	ppb
Silver	109-1	0.16	0.16	0.17	0.17	4.06	ppb
Sodium	23-2	5836.19	5836.73	5806.35	5826.42	0.30	ppb
Strontium	86-1	659.40	667.34	676.56	667.77	1.29	ppb
Strontium	88-1	660.41	668.15	666.60	665.06	0.62	ppb
Sulfur	34-1	541.88	587.23	614.05	581.05	6.28	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.09	0.10	0.10	5.68	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	1.03	ppb
Tin	118-1	2.66	2.74	2.77	2.72	2.02	ppb
Titanium	47-1	315.65	325.06	329.71	323.47	2.22	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-14	Instrumnet Name :	P7
Client Sample ID :	MJNKC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:49:29	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.32	0.32	0.32	1.25	ppb
Vanadium	51-2	28.39	28.64	28.60	28.54	0.48	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	64.64	64.10	66.24	64.99	1.71	ppb
Zirconium	90-1	2.24	2.12	2.14	2.17	3.05	ppb
Zirconium	91-1	2.18	2.30	2.14	2.21	3.79	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-15	Instrumnet Name :	P7
Client Sample ID :	MJNKC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:52:40	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6671.66	6638.45	6740.89	6683.67	0.78	ppb
Antimony	121-1	0.36	0.36	0.35	0.36	2.10	ppb
Arsenic	75-2	6.35	6.71	6.57	6.54	2.74	ppb
Barium	135-1	12.94	13.12	13.00	13.02	0.68	ppb
Barium	137-1	13.01	13.18	13.26	13.15	0.99	ppb
Beryllium	9-1	0.21	0.20	0.20	0.21	2.74	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.37	0.35	0.44	0.39	12.20	ppb
Cadmium	106-1	0.45	0.71	0.16	0.44	63.03	ppb
Cadmium	111-1	0.10	0.11	0.09	0.10	11.22	ppb
Calcium	43-1	4667.11	4726.73	4702.97	4698.94	0.64	ppb
Calcium	44-1	4511.62	4648.02	4700.59	4620.08	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.47	14.36	14.60	14.47	0.83	ppb
Cobalt	59-2	6.68	6.52	6.72	6.64	1.54	ppb
Copper	63-2	23.79	23.51	23.81	23.70	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				111		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	16877.40	16726.29	16896.88	16833.52	0.55	ppb
Iron	57-2	16930.78	16820.63	16756.44	16835.95	0.52	ppb
Iron	54-2	17085.82	16881.46	17171.64	17046.31	0.87	ppb
Krypton	83-1						cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-15	Instrumnet Name :	P7
Client Sample ID :	MJNKC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:52:40	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.37	5.46	5.45	5.43	0.89	ppb
Lead	207-1	5.07	5.09	5.21	5.12	1.43	ppb
Lead	208-1	5.23	5.21	5.19	5.21	0.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	4529.12	4497.17	4543.34	4523.21	0.52	ppb
Manganese	55-2	175.05	174.58	175.69	175.11	0.32	ppb
Molybdenum	94-1	10.14	10.38	10.37	10.30	1.29	ppb
Molybdenum	95-1	0.97	0.98	1.04	0.99	3.66	ppb
Molybdenum	96-1	2.16	2.12	2.12	2.13	1.13	ppb
Molybdenum	97-1	1.00	1.04	1.03	1.03	1.85	ppb
Molybdenum	98-1	0.99	1.03	1.05	1.03	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.67	13.93	13.86	13.82	0.99	ppb
Phosphorus	31-2	1348.47	1325.65	1363.62	1345.91	1.42	ppb
Potassium	39-2	1140.76	1125.41	1130.98	1132.39	0.69	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.53	0.38	0.51	0.47	17.74	ppb
Selenium	77-2	5.97	4.93	4.94	5.28	11.35	ppb
Selenium	78-2	0.97	0.54	-0.51	0.33	229.78	ppb
Silicon	28-1	130.29	121.09	121.45	124.27	4.19	ppb
Silver	107-1	0.04	0.04	0.05	0.04	12.31	ppb
Silver	109-1	0.05	0.04	0.04	0.04	4.03	ppb
Sodium	23-2	6183.63	6142.65	6174.46	6166.92	0.35	ppb
Strontium	86-1	985.98	980.68	987.59	984.75	0.37	ppb
Strontium	88-1	961.83	993.73	1010.22	988.59	2.49	ppb
Sulfur	34-1	2534.67	2580.85	2677.14	2597.55	2.80	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.06	0.06	4.90	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	7.32	ppb
Tin	118-1	0.62	0.62	0.64	0.63	1.85	ppb
Titanium	47-1	467.52	468.75	470.93	469.07	0.37	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-15	Instrumnet Name :	P7
Client Sample ID :	MJNKC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:52:40	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.62	0.62	0.62	0.38	ppb
Vanadium	51-2	45.56	45.96	45.69	45.74	0.44	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	37.98	37.86	38.79	38.21	1.32	ppb
Zirconium	90-1	5.12	5.19	5.63	5.31	5.17	ppb
Zirconium	91-1	5.56	5.21	5.37	5.38	3.19	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:55:52	DataFile Name :	113CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50389.71	49997.02	50628.84	50338.52	0.63	ppb
Antimony	121-1	499.38	492.78	487.86	493.34	1.17	ppb
Arsenic	75-2	493.02	486.83	501.75	493.87	1.52	ppb
Barium	135-1	2501.66	2511.91	2437.92	2483.83	1.61	ppb
Barium	137-1	2483.86	2496.92	2463.03	2481.27	0.69	ppb
Beryllium	9-1	481.08	485.23	474.50	480.27	1.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	482.49	489.11	471.33	480.98	1.87	ppb
Cadmium	106-1	484.57	490.08	482.05	485.57	0.85	ppb
Cadmium	111-1	465.96	470.52	461.24	465.91	1.00	ppb
Calcium	43-1	252658.03	251167.41	258148.91	253991.45	1.45	ppb
Calcium	44-1	253087.94	252519.25	255766.70	253791.30	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.85	508.49	512.51	510.62	0.40	ppb
Cobalt	59-2	502.01	503.19	501.64	502.28	0.16	ppb
Copper	63-2	4949.86	4926.03	4962.73	4946.21	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	130156.73	129794.07	129878.73	129943.18	0.15	ppb
Iron	57-2	130138.39	129413.06	130445.54	129999.00	0.41	ppb
Iron	54-2	129607.08	130569.46	131062.54	130413.03	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:55:52	DataFile Name :	113CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2606.70	2624.99	2617.67	2616.45	0.35	ppb
Lead	207-1	2570.72	2591.61	2584.67	2582.33	0.41	ppb
Lead	208-1	2577.99	2599.89	2584.88	2587.59	0.43	ppb
Lithium	6-1				93		%
Magnesium	24-2	249646.64	249373.65	250933.05	249984.45	0.33	ppb
Manganese	55-2	5005.14	5001.73	5020.57	5009.15	0.20	ppb
Molybdenum	94-1	5013.08	5084.34	5072.82	5056.75	0.76	ppb
Molybdenum	95-1	4986.00	5061.81	5079.10	5042.30	0.98	ppb
Molybdenum	96-1	5011.63	5098.62	5099.17	5069.81	0.99	ppb
Molybdenum	97-1	5041.63	5118.91	5108.38	5089.64	0.82	ppb
Molybdenum	98-1	5056.05	5094.34	5106.95	5085.78	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.00	481.79	484.24	482.34	0.35	ppb
Phosphorus	31-2	9920.66	9797.13	9968.35	9895.38	0.89	ppb
Potassium	39-2	123794.18	123438.17	125157.84	124130.06	0.73	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				82		%
Selenium	82-1	478.24	482.30	487.28	482.61	0.94	ppb
Selenium	77-2	478.54	461.96	484.22	474.91	2.44	ppb
Selenium	78-2	467.75	473.25	488.21	476.40	2.22	ppb
Silicon	28-1	251.16	251.52	253.97	252.22	0.61	ppb
Silver	107-1	476.75	487.75	470.62	478.37	1.81	ppb
Silver	109-1	484.23	478.75	468.50	477.16	1.67	ppb
Sodium	23-2	251322.33	249942.40	253463.90	251576.21	0.71	ppb
Strontium	86-1	12528.63	12620.86	12794.11	12647.87	1.07	ppb
Strontium	88-1	12572.20	12660.86	12791.33	12674.80	0.87	ppb
Sulfur	34-1	10325.43	10283.67	10312.88	10307.33	0.21	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	518.89	521.72	525.17	521.92	0.60	ppb
Thallium	205-1	520.53	521.87	530.88	524.43	1.07	ppb
Tin	118-1	495.74	497.65	485.95	493.11	1.27	ppb
Titanium	47-1	4941.79	4988.69	4983.46	4971.31	0.52	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:55:52	DataFile Name :	113CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	514.89	520.31	517.89	517.70	0.52	ppb
Vanadium	51-2	513.29	503.38	519.46	512.04	1.58	ppb
Yttrium	89-1				94		%
Yttrium	89-2				87		%
Zinc	66-2	4868.80	4829.10	4885.88	4861.26	0.60	ppb
Zirconium	90-1	505.13	509.63	510.88	508.55	0.59	ppb
Zirconium	91-1	503.31	516.88	516.58	512.26	1.51	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:06:06	DataFile Name :	116CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.07	0.00	-0.06		ppb
Antimony	121-1	0.05	0.04	0.02	0.04	29.60	ppb
Arsenic	75-2	0.03	-0.01	-0.02	0.00	701.93	ppb
Barium	135-1	0.02	-0.01	0.00	0.01	244.90	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	640.07	ppb
Beryllium	9-1	0.01	0.03	0.00	0.01	153.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.03	-0.03	-0.01		ppb
Cadmium	106-1	0.15	-1.24	-1.85	-0.98		ppb
Cadmium	111-1	0.01	-0.03	-0.04	-0.02		ppb
Calcium	43-1	0.09	-0.07	0.25	0.09	176.52	ppb
Calcium	44-1	0.46	-1.30	-0.90	-0.58		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.02	0.02	29.06	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.07	0.07	0.07	5.50	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				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	0.24	0.21	0.73	0.40	74.19	ppb
Iron	57-2	-0.09	-0.32	-1.51	-0.64		ppb
Iron	54-2	-0.35	0.15	0.13	-0.02		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:06:06	DataFile Name :	116CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.12	0.10	0.12	19.40	ppb
Lead	207-1	0.16	0.11	0.12	0.13	20.67	ppb
Lead	208-1	0.14	0.11	0.11	0.12	15.80	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.27	-0.22	-0.36	-0.29		ppb
Manganese	55-2	0.04	0.06	0.07	0.06	22.11	ppb
Molybdenum	94-1	0.23	0.00	0.01	0.08	165.59	ppb
Molybdenum	95-1	0.15	-0.01	-0.01	0.05	197.80	ppb
Molybdenum	96-1	0.12	0.01	0.02	0.05	120.55	ppb
Molybdenum	97-1	0.12	0.02	0.00	0.05	130.84	ppb
Molybdenum	98-1	0.12	0.00	0.00	0.04	156.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.07	-0.05	-0.04		ppb
Phosphorus	31-2	-17.71	-19.58	-16.39	-17.89		ppb
Potassium	39-2	1.42	1.64	0.63	1.23	43.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	0.47	0.10	-0.32	0.08	486.23	ppb
Selenium	77-2	0.17	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-0.25	-1.20	-0.13	-0.53		ppb
Silicon	28-1	-3.51	-3.17	-3.25	-3.31		ppb
Silver	107-1	0.01	0.00	0.00	0.01	101.71	ppb
Silver	109-1	0.01	0.01	0.00	0.01	28.37	ppb
Sodium	23-2	21.12	19.89	18.98	20.00	5.37	ppb
Strontium	86-1	3.09	-0.17	0.12	1.01	178.28	ppb
Strontium	88-1	2.83	0.10	0.06	0.99	159.66	ppb
Sulfur	34-1	-200.03	-93.64	-113.48	-135.72		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.01	0.00	0.01	75.19	ppb
Titanium	47-1	0.03	0.02	0.02	0.02	35.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:06:06	DataFile Name :	116CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	106.51	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	292.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	0.15	0.10	0.10	0.12	26.35	ppb
Zirconium	90-1	0.03	0.00	0.00	0.01	215.51	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	58.69	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-16	Instrumnet Name :	P7
Client Sample ID :	MJNKC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:09:25	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6188.31	6069.43	6110.77	6122.83	0.99	ppb
Antimony	121-1	5.77	5.95	5.81	5.84	1.61	ppb
Arsenic	75-2	28.93	29.76	29.28	29.32	1.43	ppb
Barium	135-1	17.04	17.48	18.20	17.57	3.32	ppb
Barium	137-1	17.34	17.73	18.07	17.71	2.06	ppb
Beryllium	9-1	0.18	0.16	0.20	0.18	8.60	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.71	0.71	0.76	0.73	3.38	ppb
Cadmium	106-1	0.66	0.35	-0.50	0.17	353.28	ppb
Cadmium	111-1	0.51	0.50	0.54	0.51	4.10	ppb
Calcium	43-1	16973.42	17272.93	17323.16	17189.84	1.10	ppb
Calcium	44-1	16598.78	16563.98	16689.01	16617.26	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.59	17.54	17.50	17.55	0.26	ppb
Cobalt	59-2	6.35	6.27	6.42	6.35	1.21	ppb
Copper	63-2	221.80	221.24	224.35	222.46	0.75	ppb
Dysprosium	156-1						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				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	11869.34	11966.05	11998.30	11944.56	0.56	ppb
Iron	57-2	11994.19	12015.26	12034.64	12014.70	0.17	ppb
Iron	54-2	12032.72	11989.98	12025.89	12016.20	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-16	Instrumnet Name :	P7
Client Sample ID :	MJNKC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:09:25	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.38	67.15	68.60	67.71	1.15	ppb
Lead	207-1	65.32	64.49	66.16	65.32	1.28	ppb
Lead	208-1	65.53	65.27	66.55	65.78	1.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	5374.31	5495.96	5454.69	5441.65	1.14	ppb
Manganese	55-2	152.48	151.65	152.56	152.23	0.33	ppb
Molybdenum	94-1	5.52	5.59	5.64	5.59	1.09	ppb
Molybdenum	95-1	2.27	2.29	2.32	2.29	1.00	ppb
Molybdenum	96-1	2.71	2.67	2.68	2.68	0.79	ppb
Molybdenum	97-1	2.30	2.27	2.29	2.28	0.56	ppb
Molybdenum	98-1	2.25	2.29	2.30	2.28	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.78	19.36	19.06	19.07	1.52	ppb
Phosphorus	31-2	576.94	603.50	618.70	599.71	3.52	ppb
Potassium	39-2	1516.44	1514.56	1508.70	1513.24	0.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	1.44	0.90	1.05	1.13	24.82	ppb
Selenium	77-2	3.16	2.90	2.40	2.82	13.63	ppb
Selenium	78-2	0.88	0.63	0.41	0.64	37.28	ppb
Silicon	28-1	132.24	131.05	168.02	143.77	14.61	ppb
Silver	107-1	0.78	0.80	0.78	0.79	1.74	ppb
Silver	109-1	0.79	0.80	0.78	0.79	1.40	ppb
Sodium	23-2	13549.38	13449.33	13509.73	13502.81	0.37	ppb
Strontium	86-1	4202.78	4245.54	4323.14	4257.15	1.43	ppb
Strontium	88-1	4305.91	4394.08	4347.16	4349.05	1.01	ppb
Sulfur	34-1	5336.76	5478.72	5559.41	5458.30	2.07	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.14	0.15	0.15	3.27	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	0.08	ppb
Tin	118-1	12.44	12.67	12.79	12.63	1.40	ppb
Titanium	47-1	236.90	234.62	236.24	235.92	0.50	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-16	Instrumnet Name :	P7
Client Sample ID :	MJNKC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:09:25	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.66	1.64	1.69	1.66	1.48	ppb
Vanadium	51-2	24.94	25.20	25.21	25.12	0.60	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	99.93	101.07	100.94	100.64	0.62	ppb
Zirconium	90-1	2.01	2.01	2.34	2.12	8.99	ppb
Zirconium	91-1	2.07	2.00	2.13	2.07	3.32	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-17	Instrumnet Name :	P7
Client Sample ID :	MJNKG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:12:35	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6116.48	6236.09	6381.43	6244.67	2.12	ppb
Antimony	121-1	19.05	19.37	19.48	19.30	1.14	ppb
Arsenic	75-2	39.17	38.85	38.07	38.70	1.46	ppb
Barium	135-1	17.44	17.73	17.89	17.69	1.29	ppb
Barium	137-1	17.88	18.10	17.94	17.97	0.63	ppb
Beryllium	9-1	0.20	0.16	0.22	0.19	15.71	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.46	0.41	0.50	0.46	9.26	ppb
Cadmium	106-1	0.17	0.04	-0.01	0.07	132.16	ppb
Cadmium	111-1	0.18	0.19	0.17	0.18	7.10	ppb
Calcium	43-1	4971.18	4968.67	5076.25	5005.37	1.23	ppb
Calcium	44-1	4879.95	4879.21	4865.89	4875.02	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.64	19.43	19.60	19.56	0.57	ppb
Cobalt	59-2	9.11	9.13	9.22	9.16	0.63	ppb
Copper	63-2	73.22	73.15	73.10	73.16	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	17441.92	17462.00	17327.27	17410.39	0.42	ppb
Iron	57-2	17155.34	17103.71	17186.33	17148.46	0.24	ppb
Iron	54-2	17502.76	17284.76	17490.16	17425.89	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-17	Instrumnet Name :	P7
Client Sample ID :	MJNKG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:12:35	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.03	49.72	50.11	49.95	0.41	ppb
Lead	207-1	48.05	48.07	48.21	48.11	0.18	ppb
Lead	208-1	48.90	48.69	48.77	48.79	0.22	ppb
Lithium	6-1				103		%
Magnesium	24-2	4688.82	4563.84	4673.46	4642.04	1.47	ppb
Manganese	55-2	160.43	162.48	161.43	161.44	0.63	ppb
Molybdenum	94-1	6.51	6.29	7.12	6.64	6.47	ppb
Molybdenum	95-1	0.99	1.04	1.03	1.02	2.84	ppb
Molybdenum	96-1	1.70	1.73	1.69	1.71	1.40	ppb
Molybdenum	97-1	1.02	1.03	0.96	1.00	3.85	ppb
Molybdenum	98-1	0.98	1.02	1.01	1.00	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.81	21.33	20.87	21.00	1.35	ppb
Phosphorus	31-2	866.62	901.00	873.94	880.52	2.06	ppb
Potassium	39-2	1553.36	1558.94	1572.73	1561.68	0.64	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.22	0.69	0.42	0.44	53.41	ppb
Selenium	77-2	3.84	2.61	3.33	3.26	18.93	ppb
Selenium	78-2	0.43	0.20	0.29	0.30	38.49	ppb
Silicon	28-1	153.67	130.15	136.52	140.11	8.68	ppb
Silver	107-1	0.20	0.20	0.19	0.20	3.23	ppb
Silver	109-1	0.21	0.18	0.21	0.20	6.61	ppb
Sodium	23-2	6524.73	6506.19	6470.33	6500.42	0.43	ppb
Strontium	86-1	1058.24	1053.79	1072.32	1061.45	0.91	ppb
Strontium	88-1	1077.82	1090.26	1090.79	1086.29	0.68	ppb
Sulfur	34-1	1087.86	1018.67	1008.73	1038.42	4.15	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.12	0.12	6.40	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	2.84	ppb
Tin	118-1	5.57	5.75	5.55	5.63	1.97	ppb
Titanium	47-1	375.83	383.60	384.29	381.24	1.23	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-17	Instrumnet Name :	P7
Client Sample ID :	MJNKG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:12:35	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.38	0.38	0.38	0.82	ppb
Vanadium	51-2	34.03	33.80	34.12	33.98	0.49	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	157.63	157.68	158.91	158.07	0.46	ppb
Zirconium	90-1	3.06	3.08	3.16	3.10	1.75	ppb
Zirconium	91-1	3.03	3.11	3.19	3.11	2.56	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-18	Instrumnet Name :	P7
Client Sample ID :	MJNKH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:15:46	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10046.10	10105.94	9917.16	10023.07	0.96	ppb
Antimony	121-1	27.33	27.73	27.89	27.65	1.05	ppb
Arsenic	75-2	106.53	107.50	106.31	106.78	0.60	ppb
Barium	135-1	71.90	71.27	72.63	71.93	0.95	ppb
Barium	137-1	72.70	72.78	73.59	73.03	0.68	ppb
Beryllium	9-1	0.28	0.27	0.28	0.28	2.65	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.62	1.16	1.44	1.41	16.40	ppb
Cadmium	106-1	1.46	1.24	1.27	1.32	8.82	ppb
Cadmium	111-1	0.99	1.02	1.01	1.01	1.71	ppb
Calcium	43-1	7631.37	7649.08	7611.95	7630.80	0.24	ppb
Calcium	44-1	7361.36	7356.67	7317.51	7345.18	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.72	33.67	33.87	33.75	0.31	ppb
Cobalt	59-2	21.73	21.74	22.07	21.85	0.90	ppb
Copper	63-2	1138.53	1151.79	1148.56	1146.29	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				112		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	26927.24	27130.31	26993.82	27017.12	0.38	ppb
Iron	57-2	26849.81	27094.07	26802.87	26915.58	0.58	ppb
Iron	54-2	26818.75	27068.75	27188.83	27025.44	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-18	Instrumnet Name :	P7
Client Sample ID :	MJNKH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:15:46	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	225.77	234.89	230.52	230.39	1.98	ppb
Lead	207-1	224.90	228.37	228.59	227.29	0.91	ppb
Lead	208-1	226.12	230.47	228.97	228.52	0.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	6430.89	6449.43	6524.52	6468.28	0.77	ppb
Manganese	55-2	189.64	191.85	192.82	191.44	0.85	ppb
Molybdenum	94-1	8.73	8.79	8.64	8.72	0.89	ppb
Molybdenum	95-1	4.66	4.67	4.63	4.65	0.50	ppb
Molybdenum	96-1	5.32	5.30	5.29	5.30	0.30	ppb
Molybdenum	97-1	4.85	4.76	4.65	4.75	2.03	ppb
Molybdenum	98-1	4.60	4.77	4.66	4.68	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.97	24.70	23.99	24.22	1.73	ppb
Phosphorus	31-2	842.73	819.82	849.25	837.27	1.85	ppb
Potassium	39-2	2210.14	2239.15	2294.04	2247.78	1.90	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	1.22	1.42	1.16	1.27	10.65	ppb
Selenium	77-2	3.43	3.30	4.75	3.83	20.98	ppb
Selenium	78-2	1.62	1.68	1.94	1.75	10.00	ppb
Silicon	28-1	264.85	378.98	251.14	298.32	23.53	ppb
Silver	107-1	4.46	4.56	4.62	4.55	1.85	ppb
Silver	109-1	4.44	4.55	4.57	4.52	1.48	ppb
Sodium	23-2	13219.34	13252.79	13454.31	13308.81	0.96	ppb
Strontium	86-1	1678.10	1685.18	1665.67	1676.32	0.59	ppb
Strontium	88-1	1717.38	1719.86	1711.17	1716.14	0.26	ppb
Sulfur	34-1	5401.74	5362.91	5306.66	5357.10	0.89	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.25	0.26	0.25	4.89	ppb
Thallium	205-1	0.26	0.25	0.25	0.25	1.08	ppb
Tin	118-1	21.40	21.04	21.67	21.37	1.47	ppb
Titanium	47-1	402.61	401.22	397.17	400.33	0.71	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-18	Instrumnet Name :	P7
Client Sample ID :	MJNKH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:15:46	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.11	1.08	1.08	2.15	ppb
Vanadium	51-2	36.69	37.22	37.04	36.98	0.73	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	784.58	787.92	792.12	788.21	0.48	ppb
Zirconium	90-1	2.65	2.59	2.58	2.61	1.38	ppb
Zirconium	91-1	2.70	2.63	2.60	2.64	1.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:19:33	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7565.24	7408.71	7908.17	7627.37	3.35	ppb
Antimony	121-1	10.31	10.20	10.30	10.27	0.58	ppb
Arsenic	75-2	48.76	48.35	49.01	48.70	0.68	ppb
Barium	135-1	27.96	28.02	28.23	28.07	0.50	ppb
Barium	137-1	28.30	28.04	28.01	28.12	0.56	ppb
Beryllium	9-1	0.18	0.19	0.19	0.19	1.01	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	0.75	0.80	0.96	33.26	ppb
Cadmium	106-1	1.22	-0.02	0.24	0.48	136.67	ppb
Cadmium	111-1	0.64	0.72	0.66	0.67	6.27	ppb
Calcium	43-1	26494.40	26601.30	26792.97	26629.56	0.57	ppb
Calcium	44-1	25638.48	25871.63	26235.66	25915.26	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.24	25.50	25.67	25.47	0.85	ppb
Cobalt	59-2	6.01	6.06	6.18	6.09	1.41	ppb
Copper	63-2	880.64	878.71	891.88	883.74	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				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	15797.92	15720.32	16008.40	15842.21	0.94	ppb
Iron	57-2	16116.24	15890.09	16085.49	16030.61	0.77	ppb
Iron	54-2	15897.34	15989.21	15945.16	15943.90	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:19:33	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	113.95	113.63	116.38	114.65	1.31	ppb
Lead	207-1	110.34	110.87	111.60	110.94	0.57	ppb
Lead	208-1	114.97	115.29	116.77	115.68	0.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	4770.95	4733.92	4718.50	4741.12	0.57	ppb
Manganese	55-2	109.72	109.70	110.51	109.98	0.42	ppb
Molybdenum	94-1	6.39	6.35	6.59	6.44	2.05	ppb
Molybdenum	95-1	3.01	2.93	2.96	2.97	1.27	ppb
Molybdenum	96-1	3.44	3.41	3.59	3.48	2.91	ppb
Molybdenum	97-1	3.05	3.00	2.98	3.01	1.30	ppb
Molybdenum	98-1	2.94	3.06	3.05	3.02	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.15	18.47	18.61	18.41	1.28	ppb
Phosphorus	31-2	728.50	780.55	765.24	758.10	3.53	ppb
Potassium	39-2	1558.62	1553.47	1574.62	1562.24	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	82-1	1.00	1.12	1.02	1.05	6.47	ppb
Selenium	77-2	3.58	2.84	3.48	3.30	12.15	ppb
Selenium	78-2	-0.27	-0.13	-1.22	-0.54		ppb
Silicon	28-1	221.23	190.59	261.18	224.33	15.78	ppb
Silver	107-1	2.84	2.79	2.78	2.80	1.17	ppb
Silver	109-1	2.93	2.79	2.77	2.83	3.17	ppb
Sodium	23-2	12512.44	12400.85	12690.48	12534.59	1.17	ppb
Strontium	86-1	5332.09	5396.43	5415.67	5381.40	0.81	ppb
Strontium	88-1	5367.22	5523.78	5576.17	5489.06	1.98	ppb
Sulfur	34-1	7601.22	7642.71	7739.35	7661.09	0.93	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.20	0.21	0.20	5.44	ppb
Thallium	205-1	0.19	0.20	0.21	0.20	4.22	ppb
Tin	118-1	10.38	10.18	10.35	10.31	1.03	ppb
Titanium	47-1	382.34	379.00	381.66	381.00	0.46	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:19:33	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.75	0.78	0.77	1.87	ppb
Vanadium	51-2	27.37	27.69	28.08	27.72	1.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	220.81	219.65	221.38	220.61	0.40	ppb
Zirconium	90-1	2.25	2.11	2.15	2.17	3.32	ppb
Zirconium	91-1	2.14	2.21	2.18	2.18	1.60	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-01	Instrumnet Name :	P7
Client Sample ID :	ME2922	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:22:41	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14118.90	13696.76	12913.31	13576.32	4.51	ppb
Antimony	121-1	0.75	0.74	0.73	0.74	0.89	ppb
Arsenic	75-2	13.00	11.88	12.36	12.41	4.53	ppb
Barium	135-1	131.41	132.03	130.97	131.47	0.41	ppb
Barium	137-1	132.52	134.09	134.19	133.60	0.70	ppb
Beryllium	9-1	0.92	0.96	0.98	0.95	3.62	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.56	0.68	0.67	0.64	10.60	ppb
Cadmium	106-1	0.48	0.83	0.80	0.70	27.01	ppb
Cadmium	111-1	0.58	0.60	0.53	0.57	6.09	ppb
Calcium	43-1	52518.18	53200.89	54609.62	53442.90	2.00	ppb
Calcium	44-1	52619.39	53937.30	53790.58	53449.09	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.63	37.59	35.14	37.12	4.84	ppb
Cobalt	59-2	17.82	17.21	16.38	17.14	4.23	ppb
Copper	63-2	36.37	35.49	33.48	35.11	4.21	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				113		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	40368.10	38947.15	36742.57	38685.94	4.72	ppb
Iron	57-2	40432.25	38842.92	36741.52	38672.23	4.79	ppb
Iron	54-2	40408.18	38967.69	36787.12	38721.00	4.71	ppb
Krypton	83-1						cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-01	Instrumnet Name :	P7
Client Sample ID :	ME2922	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:22:41	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.78	60.42	60.00	59.74	1.43	ppb
Lead	207-1	54.49	54.94	54.91	54.78	0.45	ppb
Lead	208-1	55.82	56.90	56.86	56.53	1.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	24467.26	23916.21	22439.15	23607.54	4.44	ppb
Manganese	55-2	740.37	711.78	673.17	708.44	4.76	ppb
Molybdenum	94-1	5.58	5.86	5.68	5.71	2.56	ppb
Molybdenum	95-1	2.20	2.23	2.23	2.22	0.73	ppb
Molybdenum	96-1	2.86	2.93	2.87	2.88	1.25	ppb
Molybdenum	97-1	2.25	2.30	2.27	2.27	1.05	ppb
Molybdenum	98-1	2.26	2.23	2.30	2.26	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.23	46.58	44.22	46.34	4.36	ppb
Phosphorus	31-2	901.28	859.26	826.53	862.35	4.35	ppb
Potassium	39-2	2475.60	2370.00	2322.95	2389.52	3.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.94	1.04	1.09	1.02	7.24	ppb
Selenium	77-2	6.02	6.45	5.83	6.10	5.27	ppb
Selenium	78-2	1.48	0.39	0.01	0.63	121.87	ppb
Silicon	28-1	292.21	327.13	364.22	327.85	10.98	ppb
Silver	107-1	0.19	0.18	0.19	0.19	3.80	ppb
Silver	109-1	0.19	0.20	0.18	0.19	3.86	ppb
Sodium	23-2	204.33	200.91	186.92	197.39	4.67	ppb
Strontium	86-1	2223.52	2250.15	2271.93	2248.53	1.08	ppb
Strontium	88-1	2297.47	2306.69	2312.03	2305.40	0.32	ppb
Sulfur	34-1	507.12	639.66	666.49	604.43	14.12	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.31	0.29	0.30	2.70	ppb
Thallium	205-1	0.27	0.30	0.29	0.29	4.61	ppb
Tin	118-1	2.21	2.32	2.24	2.26	2.37	ppb
Titanium	47-1	157.14	167.35	164.14	162.88	3.21	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-01	Instrumnet Name :	P7
Client Sample ID :	ME2922	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:22:41	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.38	1.39	1.40	1.39	0.72	ppb
Vanadium	51-2	45.25	44.18	41.68	43.70	4.19	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	169.34	164.02	155.65	163.01	4.23	ppb
Zirconium	90-1	2.04	2.12	2.34	2.17	7.14	ppb
Zirconium	91-1	2.12	2.10	2.17	2.13	1.70	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-02	Instrumnet Name :	P7
Client Sample ID :	ME2924	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:25:49	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14716.97	14797.08	14799.43	14771.16	0.32	ppb
Antimony	121-1	0.66	0.65	0.61	0.64	4.11	ppb
Arsenic	75-2	16.16	16.02	15.27	15.81	3.04	ppb
Barium	135-1	142.59	146.84	145.16	144.86	1.47	ppb
Barium	137-1	144.78	148.33	145.20	146.11	1.33	ppb
Beryllium	9-1	0.97	0.88	0.97	0.94	5.67	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.74	0.87	0.83	9.18	ppb
Cadmium	106-1	0.54	1.14	0.99	0.89	35.25	ppb
Cadmium	111-1	0.53	0.57	0.59	0.56	5.31	ppb
Calcium	43-1	68891.13	71094.53	70272.31	70085.99	1.59	ppb
Calcium	44-1	67295.83	70914.25	70794.49	69668.19	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.52	43.32	43.42	43.42	0.23	ppb
Cobalt	59-2	19.13	19.23	19.25	19.20	0.33	ppb
Copper	63-2	38.21	37.95	38.04	38.06	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				105		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	45139.74	45318.55	45421.32	45293.20	0.31	ppb
Iron	57-2	44756.59	45886.83	45151.88	45265.10	1.27	ppb
Iron	54-2	45628.21	45188.11	45559.43	45458.58	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-02	Instrumnet Name :	P7
Client Sample ID :	ME2924	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:25:49	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.34	42.97	43.19	42.50	2.38	ppb
Lead	207-1	37.82	39.62	39.22	38.89	2.44	ppb
Lead	208-1	39.23	40.85	40.41	40.16	2.08	ppb
Lithium	6-1				105		%
Magnesium	24-2	29020.48	28672.47	28946.98	28879.98	0.64	ppb
Manganese	55-2	927.30	931.23	931.12	929.88	0.24	ppb
Molybdenum	94-1	6.08	6.46	7.99	6.84	14.75	ppb
Molybdenum	95-1	2.81	2.90	2.91	2.87	1.80	ppb
Molybdenum	96-1	3.44	3.52	3.66	3.54	3.19	ppb
Molybdenum	97-1	2.95	2.98	2.98	2.97	0.62	ppb
Molybdenum	98-1	2.88	2.93	2.89	2.90	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.54	51.10	50.14	50.59	0.96	ppb
Phosphorus	31-2	798.68	828.18	851.12	825.99	3.18	ppb
Potassium	39-2	2289.21	2225.21	2247.65	2254.02	1.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	82-1	1.18	1.03	0.97	1.06	10.22	ppb
Selenium	77-2	8.47	8.65	6.72	7.95	13.40	ppb
Selenium	78-2	0.16	0.03	0.80	0.33	124.44	ppb
Silicon	28-1	312.89	329.87	382.77	341.85	10.66	ppb
Silver	107-1	0.13	0.14	0.14	0.14	4.49	ppb
Silver	109-1	0.14	0.13	0.13	0.14	2.97	ppb
Sodium	23-2	209.62	208.33	217.30	211.75	2.29	ppb
Strontium	86-1	2023.79	2091.08	2090.63	2068.50	1.87	ppb
Strontium	88-1	2058.72	2128.92	2158.14	2115.26	2.42	ppb
Sulfur	34-1	953.36	1093.85	1210.42	1085.88	11.85	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.30	0.31	0.31	2.33	ppb
Thallium	205-1	0.31	0.32	0.30	0.31	3.44	ppb
Tin	118-1	1.44	1.45	1.44	1.44	0.18	ppb
Titanium	47-1	155.65	163.00	165.79	161.48	3.24	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-02	Instrumnet Name :	P7
Client Sample ID :	ME2924	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:25:49	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.35	1.36	1.37	1.36	0.56	ppb
Vanadium	51-2	48.52	48.67	48.92	48.70	0.41	ppb
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	142.09	143.27	141.05	142.13	0.78	ppb
Zirconium	90-1	2.17	2.17	2.15	2.16	0.57	ppb
Zirconium	91-1	2.11	2.12	2.16	2.13	1.29	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-03	Instrumnet Name :	P7
Client Sample ID :	ME2925	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:28:59	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22182.65	21858.12	21795.49	21945.42	0.95	ppb
Antimony	121-1	0.55	0.57	0.57	0.56	2.32	ppb
Arsenic	75-2	15.28	15.31	15.42	15.34	0.45	ppb
Barium	135-1	230.18	231.48	231.79	231.15	0.37	ppb
Barium	137-1	231.60	233.92	233.86	233.13	0.57	ppb
Beryllium	9-1	1.28	1.42	1.34	1.35	5.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.71	1.65	1.65	3.35	ppb
Cadmium	106-1	2.63	2.06	2.25	2.31	12.60	ppb
Cadmium	111-1	0.85	0.84	0.85	0.85	0.78	ppb
Calcium	43-1	86819.80	87093.57	88521.60	87478.32	1.04	ppb
Calcium	44-1	85984.91	86774.02	88043.74	86934.22	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.34	45.86	45.71	45.97	0.71	ppb
Cobalt	59-2	29.06	28.62	28.59	28.76	0.91	ppb
Copper	63-2	53.65	54.08	53.42	53.72	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	55520.27	55145.06	55731.66	55465.66	0.54	ppb
Iron	57-2	55156.22	55292.03	54965.45	55137.90	0.30	ppb
Iron	54-2	55599.85	55729.33	55438.27	55589.15	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-03	Instrumnet Name :	P7
Client Sample ID :	ME2925	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:28:59	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.62	50.24	50.20	50.02	0.69	ppb
Lead	207-1	45.86	46.00	46.15	46.00	0.32	ppb
Lead	208-1	46.99	47.56	47.80	47.45	0.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	30651.85	30602.61	30841.45	30698.64	0.41	ppb
Manganese	55-2	1065.12	1054.43	1045.17	1054.91	0.95	ppb
Molybdenum	94-1	21.20	22.17	21.39	21.59	2.40	ppb
Molybdenum	95-1	3.89	3.96	3.94	3.93	0.82	ppb
Molybdenum	96-1	6.12	6.29	6.20	6.21	1.35	ppb
Molybdenum	97-1	3.87	4.05	4.01	3.98	2.33	ppb
Molybdenum	98-1	3.93	4.01	4.02	3.99	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.38	77.02	78.23	77.88	0.96	ppb
Phosphorus	31-2	912.06	873.24	873.92	886.40	2.51	ppb
Potassium	39-2	3161.52	3082.42	3105.54	3116.49	1.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	82-1	1.01	0.54	0.43	0.66	46.62	ppb
Selenium	77-2	9.23	10.67	8.33	9.41	12.53	ppb
Selenium	78-2	0.42	1.44	0.17	0.68	98.84	ppb
Silicon	28-1	314.48	321.70	324.86	320.34	1.66	ppb
Silver	107-1	0.14	0.15	0.14	0.14	3.37	ppb
Silver	109-1	0.12	0.12	0.14	0.13	6.87	ppb
Sodium	23-2	277.66	282.53	274.59	278.26	1.44	ppb
Strontium	86-1	2928.35	2983.47	2956.38	2956.07	0.93	ppb
Strontium	88-1	3030.08	3056.95	3029.55	3038.86	0.52	ppb
Sulfur	34-1	1272.60	1398.01	1512.21	1394.27	8.60	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.32	0.32	0.31	3.65	ppb
Thallium	205-1	0.31	0.30	0.32	0.31	2.72	ppb
Tin	118-1	1.48	1.50	1.53	1.50	1.84	ppb
Titanium	47-1	213.66	217.76	217.23	216.22	1.03	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-03	Instrumnet Name :	P7
Client Sample ID :	ME2925	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:28:59	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.91	1.92	1.95	1.93	1.04	ppb
Vanadium	51-2	54.07	54.16	53.53	53.92	0.63	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	223.66	219.03	218.53	220.40	1.28	ppb
Zirconium	90-1	9.95	10.19	10.20	10.12	1.38	ppb
Zirconium	91-1	10.12	10.26	10.28	10.22	0.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:32:11	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9345.40	9320.10	9383.17	9349.55	0.34	ppb
Antimony	121-1	227.63	252.33	257.65	245.87	6.51	ppb
Arsenic	75-2	502.15	497.63	503.11	500.96	0.58	ppb
Barium	135-1	75.69	84.92	86.28	82.30	7.00	ppb
Barium	137-1	76.89	85.20	88.01	83.37	6.93	ppb
Beryllium	9-1	0.27	0.26	0.29	0.27	5.54	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.25	1.69	1.70	1.55	16.79	ppb
Cadmium	106-1	1.01	1.59	1.70	1.43	25.65	ppb
Cadmium	111-1	0.81	0.91	0.92	0.88	6.64	ppb
Calcium	43-1	5180.98	5886.25	5866.88	5644.70	7.12	ppb
Calcium	44-1	5103.67	5768.81	5691.69	5521.39	6.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.82	32.69	32.80	32.77	0.22	ppb
Cobalt	59-2	40.81	40.35	40.84	40.67	0.67	ppb
Copper	63-2	193.71	191.64	194.11	193.15	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	39667.96	39523.92	39785.08	39658.99	0.33	ppb
Iron	57-2	39328.56	39221.75	39182.83	39244.38	0.19	ppb
Iron	54-2	39983.18	39516.22	40165.10	39888.17	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:32:11	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	387.21	432.24	437.13	418.86	6.57	ppb
Lead	207-1	387.28	431.28	425.76	414.77	5.78	ppb
Lead	208-1	382.17	426.61	428.15	412.31	6.33	ppb
Lithium	6-1				106		%
Magnesium	24-2	7563.48	7448.76	7449.25	7487.16	0.88	ppb
Manganese	55-2	1350.39	1338.60	1349.24	1346.08	0.48	ppb
Molybdenum	94-1	9.80	10.75	11.12	10.56	6.45	ppb
Molybdenum	95-1	7.03	7.79	8.04	7.62	6.93	ppb
Molybdenum	96-1	7.64	8.33	8.66	8.21	6.33	ppb
Molybdenum	97-1	7.02	7.92	8.29	7.74	8.46	ppb
Molybdenum	98-1	7.05	7.86	8.02	7.64	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.52	48.95	49.27	48.92	0.77	ppb
Phosphorus	31-2	1021.32	1017.00	1022.36	1020.22	0.28	ppb
Potassium	39-2	2145.23	2074.18	2117.22	2112.21	1.69	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.34	0.44	0.54	0.44	22.77	ppb
Selenium	77-2	3.53	3.66	1.68	2.96	37.46	ppb
Selenium	78-2	0.98	0.34	1.09	0.81	50.18	ppb
Silicon	28-1	281.07	337.42	328.80	315.76	9.61	ppb
Silver	107-1	0.55	0.62	0.64	0.60	7.61	ppb
Silver	109-1	0.54	0.62	0.61	0.59	7.61	ppb
Sodium	23-2	7177.64	7061.54	7213.88	7151.02	1.11	ppb
Strontium	86-1	1218.20	1353.69	1386.14	1319.34	6.75	ppb
Strontium	88-1	1258.95	1411.97	1437.19	1369.37	7.04	ppb
Sulfur	34-1	804.79	1247.16	1161.95	1071.30	21.91	ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.27	0.28	0.26	7.85	ppb
Thallium	205-1	0.25	0.29	0.28	0.27	7.60	ppb
Tin	118-1	36.62	41.10	41.78	39.83	7.03	ppb
Titanium	47-1	262.63	298.19	301.52	287.45	7.50	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:32:11	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.65	0.64	0.62	7.48	ppb
Vanadium	51-2	39.02	39.07	39.32	39.14	0.41	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	1710.93	1712.79	1765.53	1729.75	1.79	ppb
Zirconium	90-1	2.25	2.53	2.52	2.44	6.51	ppb
Zirconium	91-1	2.39	2.62	2.68	2.57	6.01	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:35:18	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17931.99	17902.68	17908.87	17914.51	0.09	ppb
Antimony	121-1	1425.15	1428.84	1435.25	1429.75	0.36	ppb
Arsenic	75-2	3093.73	3042.58	3101.02	3079.11	1.03	ppb
Barium	135-1	295.76	299.86	297.55	297.72	0.69	ppb
Barium	137-1	312.08	313.63	313.33	313.01	0.26	ppb
Beryllium	9-1	0.68	0.65	0.56	0.63	9.46	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.96	8.19	8.23	8.12	1.80	ppb
Cadmium	106-1	9.45	9.26	7.99	8.90	8.90	ppb
Cadmium	111-1	4.65	4.56	4.73	4.65	1.76	ppb
Calcium	43-1	19423.65	19457.40	19527.94	19469.67	0.27	ppb
Calcium	44-1	18826.73	18906.25	18637.71	18790.23	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.31	54.25	54.12	54.23	0.19	ppb
Cobalt	59-2	137.42	136.63	137.87	137.31	0.46	ppb
Copper	63-2	1125.26	1114.63	1139.23	1126.37	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				111		%
Holmium	165-2				107		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	56-2	109540.68	109112.61	109928.55	109527.28	0.37	ppb
Iron	57-2	108534.76	108235.29	107813.44	108194.50	0.33	ppb
Iron	54-2	109929.04	109576.91	110573.74	110026.56	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:35:18	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2296.28	2320.43	2325.00	2313.90	0.67	ppb
Lead	207-1	2252.47	2290.03	2293.66	2278.72	1.00	ppb
Lead	208-1	2270.96	2290.20	2293.56	2284.91	0.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	10837.29	10725.02	10789.01	10783.77	0.52	ppb
Manganese	55-2	1337.44	1328.98	1350.11	1338.84	0.79	ppb
Molybdenum	94-1	46.26	46.47	45.51	46.08	1.10	ppb
Molybdenum	95-1	39.16	39.69	38.62	39.16	1.37	ppb
Molybdenum	96-1	40.77	40.91	39.97	40.55	1.24	ppb
Molybdenum	97-1	39.63	39.82	38.81	39.42	1.36	ppb
Molybdenum	98-1	39.31	39.64	38.90	39.28	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.40	74.67	75.58	74.88	0.82	ppb
Phosphorus	31-2	1253.78	1223.85	1234.45	1237.36	1.23	ppb
Potassium	39-2	4848.66	4800.43	4767.39	4805.49	0.85	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	2.93	2.34	2.74	2.67	11.23	ppb
Selenium	77-2	4.92	6.60	7.69	6.40	21.79	ppb
Selenium	78-2	3.02	2.04	2.76	2.61	19.55	ppb
Silicon	28-1	1054.96	1042.53	1058.41	1051.97	0.79	ppb
Silver	107-1	3.96	4.04	4.03	4.01	1.09	ppb
Silver	109-1	3.96	4.06	4.04	4.02	1.37	ppb
Sodium	23-2	14143.86	13971.43	14186.13	14100.47	0.81	ppb
Strontium	86-1	3243.13	3283.17	3176.74	3234.35	1.66	ppb
Strontium	88-1	3342.61	3310.13	3272.60	3308.45	1.06	ppb
Sulfur	34-1	2841.89	2736.84	2827.91	2802.22	2.04	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1.09	1.12	1.10	1.10	1.55	ppb
Thallium	205-1	1.10	1.13	1.11	1.11	1.55	ppb
Tin	118-1	328.77	329.25	327.82	328.61	0.22	ppb
Titanium	47-1	594.87	596.03	601.63	597.51	0.60	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:35:18	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.11	3.15	3.11	3.13	0.81	ppb
Vanadium	51-2	63.87	63.70	63.49	63.69	0.30	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	9282.19	9170.65	9286.80	9246.55	0.71	ppb
Zirconium	90-1	7.47	7.47	7.43	7.45	0.34	ppb
Zirconium	91-1	8.05	8.25	8.16	8.16	1.24	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-08	Instrumnet Name :	P7
Client Sample ID :	MJNKA6S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:38:19	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8520.27	8797.67	8734.24	8684.06	1.67	ppb
Antimony	121-1	132.75	133.60	133.34	133.23	0.33	ppb
Arsenic	75-2	435.51	452.82	434.34	440.89	2.35	ppb
Barium	135-1	510.43	517.35	504.06	510.62	1.30	ppb
Barium	137-1	512.29	515.53	514.01	513.94	0.32	ppb
Beryllium	9-1	10.11	9.95	10.27	10.11	1.61	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	96.50	96.78	95.02	96.10	0.98	ppb
Cadmium	106-1	94.02	94.48	94.83	94.44	0.43	ppb
Cadmium	111-1	100.59	99.57	99.58	99.91	0.59	ppb
Calcium	43-1	28191.39	28510.46	28477.72	28393.19	0.62	ppb
Calcium	44-1	27713.98	27911.38	27714.09	27779.81	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.66	71.86	69.48	70.00	2.38	ppb
Cobalt	59-2	136.49	142.42	139.00	139.30	2.14	ppb
Copper	63-2	565.58	591.39	571.94	576.30	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	32583.92	34306.01	33223.84	33371.26	2.61	ppb
Iron	57-2	31991.34	33937.12	32958.20	32962.22	2.95	ppb
Iron	54-2	32514.90	34346.62	33288.45	33383.32	2.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-08	Instrumnet Name :	P7
Client Sample ID :	MJNKA6S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:38:19	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	533.81	537.76	541.15	537.57	0.68	ppb
Lead	207-1	518.49	524.08	515.54	519.37	0.84	ppb
Lead	208-1	522.94	525.80	522.80	523.85	0.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	5529.44	5750.49	5560.26	5613.40	2.13	ppb
Manganese	55-2	380.96	399.21	385.38	388.51	2.45	ppb
Molybdenum	94-1	12.74	12.65	12.60	12.66	0.58	ppb
Molybdenum	95-1	8.41	8.61	8.42	8.48	1.35	ppb
Molybdenum	96-1	9.07	9.15	9.26	9.16	1.06	ppb
Molybdenum	97-1	8.48	8.53	8.56	8.53	0.48	ppb
Molybdenum	98-1	8.49	8.59	8.69	8.59	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.19	133.40	130.10	130.23	2.39	ppb
Phosphorus	31-2	877.13	939.31	933.73	916.72	3.75	ppb
Potassium	39-2	2143.24	2237.91	2179.38	2186.84	2.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	82-1	229.66	227.73	230.35	229.25	0.59	ppb
Selenium	77-2	239.12	242.07	236.59	239.26	1.15	ppb
Selenium	78-2	232.06	243.19	238.47	237.91	2.35	ppb
Silicon	28-1	560.29	303.90	341.00	401.73	34.49	ppb
Silver	107-1	11.64	11.62	11.48	11.58	0.72	ppb
Silver	109-1	11.54	11.58	11.45	11.52	0.58	ppb
Sodium	23-2	11922.07	12455.87	12108.93	12162.29	2.23	ppb
Strontium	86-1	5123.76	5154.81	5161.31	5146.63	0.39	ppb
Strontium	88-1	5203.31	5290.94	5293.94	5262.73	0.98	ppb
Sulfur	34-1	3627.60	3724.69	3762.77	3705.02	1.88	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	179.56	181.36	184.53	181.82	1.38	ppb
Thallium	205-1	175.94	181.83	184.17	180.65	2.35	ppb
Tin	118-1	37.56	37.52	37.35	37.48	0.30	ppb
Titanium	47-1	502.30	512.09	508.57	507.65	0.98	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-08	Instrumnet Name :	P7
Client Sample ID :	MJNKA6S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:38:19	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.31	1.32	1.34	1.32	0.92	ppb
Vanadium	51-2	138.15	144.96	142.17	141.76	2.41	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	1845.19	1949.33	1910.06	1901.53	2.77	ppb
Zirconium	90-1	3.02	3.07	3.00	3.03	1.14	ppb
Zirconium	91-1	3.09	3.17	3.13	3.13	1.38	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:41:20	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14125.39	13892.07	14207.27	14074.91	1.16	ppb
Antimony	121-1	710.08	732.38	718.66	720.37	1.56	ppb
Arsenic	75-2	1787.63	1811.44	1816.70	1805.26	0.86	ppb
Barium	135-1	314.41	329.01	321.86	321.76	2.27	ppb
Barium	137-1	331.38	342.10	333.28	335.58	1.70	ppb
Beryllium	9-1	0.56	0.64	0.65	0.62	7.82	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.81	6.14	5.60	5.85	4.61	ppb
Cadmium	106-1	7.73	7.80	6.36	7.30	11.14	ppb
Cadmium	111-1	2.55	2.67	2.60	2.61	2.31	ppb
Calcium	43-1	42828.80	44566.43	43897.60	43764.28	2.00	ppb
Calcium	44-1	43044.85	44284.42	43606.99	43645.42	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.40	39.46	39.31	39.39	0.19	ppb
Cobalt	59-2	157.43	155.65	158.38	157.15	0.88	ppb
Copper	63-2	953.50	947.25	948.85	949.87	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				106		%
Indium	115-1				115		%
Indium	115-2				109		%
Iron	56-2	106860.97	106004.34	106346.04	106403.78	0.41	ppb
Iron	57-2	104812.97	104862.21	105696.77	105123.98	0.47	ppb
Iron	54-2	107227.03	106690.23	107315.64	107077.63	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:41:20	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1582.07	1620.14	1614.34	1605.52	1.28	ppb
Lead	207-1	1557.55	1577.73	1599.30	1578.19	1.32	ppb
Lead	208-1	1562.71	1585.97	1598.52	1582.40	1.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	9025.80	9050.41	9068.32	9048.17	0.24	ppb
Manganese	55-2	795.67	796.09	798.91	796.89	0.22	ppb
Molybdenum	94-1	40.48	41.65	41.02	41.05	1.42	ppb
Molybdenum	95-1	21.93	22.71	22.28	22.31	1.75	ppb
Molybdenum	96-1	24.76	25.60	25.15	25.17	1.67	ppb
Molybdenum	97-1	22.05	22.62	22.87	22.52	1.87	ppb
Molybdenum	98-1	22.13	22.89	22.78	22.60	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.70	41.77	42.00	41.82	0.37	ppb
Phosphorus	31-2	1805.93	1772.44	1800.42	1792.93	1.00	ppb
Potassium	39-2	4450.52	4405.74	4462.66	4439.64	0.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.98	2.22	1.97	2.06	6.90	ppb
Selenium	77-2	7.16	5.95	6.55	6.55	9.21	ppb
Selenium	78-2	0.57	1.78	0.61	0.99	69.85	ppb
Silicon	28-1	563.44	562.16	572.68	566.10	1.01	ppb
Silver	107-1	2.70	2.82	2.78	2.77	2.34	ppb
Silver	109-1	2.68	2.76	2.63	2.69	2.43	ppb
Sodium	23-2	12242.02	12103.91	12235.66	12193.86	0.64	ppb
Strontium	86-1	9897.43	10080.34	9765.08	9914.28	1.60	ppb
Strontium	88-1	9780.94	9991.86	9888.20	9887.00	1.07	ppb
Sulfur	34-1	2162.66	2350.77	2295.67	2269.70	4.26	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.66	0.66	0.64	0.65	1.65	ppb
Thallium	205-1	0.68	0.67	0.67	0.67	1.03	ppb
Tin	118-1	204.88	214.20	204.98	208.02	2.58	ppb
Titanium	47-1	625.48	646.78	639.51	637.26	1.70	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:41:20	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.91	1.96	1.98	1.95	1.85	ppb
Vanadium	51-2	55.80	55.24	55.68	55.57	0.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	7432.83	7349.17	7477.02	7419.67	0.88	ppb
Zirconium	90-1	12.11	12.42	12.30	12.28	1.26	ppb
Zirconium	91-1	12.28	12.82	12.85	12.65	2.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:44:18	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17297.38	17498.22	16964.88	17253.49	1.56	ppb
Antimony	121-1	1081.99	1056.35	1095.04	1077.79	1.83	ppb
Arsenic	75-2	2930.76	3014.76	2920.30	2955.28	1.75	ppb
Barium	135-1	211.43	211.24	216.74	213.14	1.47	ppb
Barium	137-1	215.31	213.86	218.00	215.72	0.97	ppb
Beryllium	9-1	0.65	0.66	0.73	0.68	6.64	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.27	6.34	6.78	6.47	4.29	ppb
Cadmium	106-1	7.61	6.63	7.07	7.10	6.86	ppb
Cadmium	111-1	3.67	3.58	3.95	3.74	5.12	ppb
Calcium	43-1	16731.46	16793.79	16883.93	16803.06	0.46	ppb
Calcium	44-1	16238.37	16175.72	16315.34	16243.14	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.13	55.48	55.13	55.25	0.37	ppb
Cobalt	59-2	201.09	200.98	200.18	200.75	0.25	ppb
Copper	63-2	1196.54	1191.17	1193.44	1193.72	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				119		%
Indium	115-2				113		%
Iron	56-2	101691.48	102616.40	100804.36	101704.08	0.89	ppb
Iron	57-2	100985.59	101421.90	99377.29	100594.93	1.07	ppb
Iron	54-2	101381.45	102125.92	101615.35	101707.57	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:44:18	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1959.62	1990.32	1986.52	1978.82	0.85	ppb
Lead	207-1	1943.40	1956.46	1961.56	1953.80	0.48	ppb
Lead	208-1	1938.98	1958.36	1963.11	1953.48	0.65	ppb
Lithium	6-1				104		%
Magnesium	24-2	10126.92	10173.97	10055.79	10118.89	0.59	ppb
Manganese	55-2	839.84	848.75	831.51	840.03	1.03	ppb
Molybdenum	94-1	50.56	50.38	51.03	50.66	0.66	ppb
Molybdenum	95-1	47.88	48.10	48.57	48.18	0.73	ppb
Molybdenum	96-1	48.51	49.70	49.35	49.19	1.24	ppb
Molybdenum	97-1	48.26	48.30	48.91	48.49	0.75	ppb
Molybdenum	98-1	48.13	48.33	48.82	48.43	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.65	71.47	70.77	71.30	0.65	ppb
Phosphorus	31-2	1097.91	1069.74	1085.56	1084.40	1.30	ppb
Potassium	39-2	5085.50	5106.50	5067.31	5086.44	0.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	2.93	2.62	2.67	2.74	5.98	ppb
Selenium	77-2	5.90	6.10	5.20	5.74	8.23	ppb
Selenium	78-2	2.47	2.42	2.54	2.48	2.50	ppb
Silicon	28-1	547.15	563.95	580.30	563.80	2.94	ppb
Silver	107-1	3.29	3.24	3.38	3.30	2.23	ppb
Silver	109-1	3.22	3.20	3.32	3.25	1.99	ppb
Sodium	23-2	14540.41	14732.52	14438.03	14570.32	1.03	ppb
Strontium	86-1	2601.34	2649.18	2687.51	2646.01	1.63	ppb
Strontium	88-1	2702.00	2732.40	2730.39	2721.60	0.62	ppb
Sulfur	34-1	2557.79	2583.34	2516.64	2552.59	1.32	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1.29	1.35	1.32	1.32	2.38	ppb
Thallium	205-1	1.31	1.30	1.32	1.31	0.58	ppb
Tin	118-1	367.12	365.62	376.96	369.90	1.66	ppb
Titanium	47-1	551.98	554.61	557.23	554.61	0.47	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:44:18	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.20	3.16	3.16	3.18	0.76	ppb
Vanadium	51-2	61.58	62.11	61.19	61.62	0.75	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	6743.47	6707.91	6655.32	6702.23	0.66	ppb
Zirconium	90-1	5.87	5.88	6.02	5.92	1.41	ppb
Zirconium	91-1	6.33	6.47	6.78	6.53	3.54	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:47:17	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28378.69	28495.32	28708.72	28527.57	0.59	ppb
Antimony	121-1	7535.54	8744.99	9066.86	8449.13	9.56	ppb
Arsenic	75-2	15197.25	14974.98	15065.12	15079.12	0.74	ppb
Barium	135-1	924.49	1071.29	1124.89	1040.22	9.97	ppb
Barium	137-1	929.50	1084.51	1113.73	1042.58	9.50	ppb
Beryllium	9-1	1.75	1.97	2.08	1.93	8.49	ppb
Bismuth	209-1				126		%
Bismuth	209-2				116		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.05	41.56	43.01	39.87	10.63	ppb
Cadmium	106-1	34.87	42.02	44.66	40.52	12.50	ppb
Cadmium	111-1	22.16	25.75	26.60	24.84	9.50	ppb
Calcium	43-1	37218.46	43771.98	44353.49	41781.31	9.48	ppb
Calcium	44-1	37207.71	42808.07	43680.81	41232.20	8.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.67	96.28	95.98	95.98	0.31	ppb
Cobalt	59-2	341.83	339.29	341.87	341.00	0.43	ppb
Copper	63-2	6157.80	6234.87	6193.69	6195.45	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				172		%
Indium	115-2				162		%
Iron	56-2	316280.37	318449.74	315490.05	316740.05	0.48	ppb
Iron	57-2	313374.74	313695.10	314267.25	313779.03	0.14	ppb
Iron	54-2	316908.41	318624.89	317106.61	317546.64	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:47:17	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12678.27	14151.19	14540.35	13789.93	7.12	ppb
Lead	207-1	12516.39	13863.83	14368.15	13582.79	7.05	ppb
Lead	208-1	12530.05	13942.60	14446.51	13639.72	7.28	ppb
Lithium	6-1				105		%
Magnesium	24-2	8855.95	8952.99	9046.50	8951.81	1.06	ppb
Manganese	55-2	2009.61	2001.42	2003.03	2004.69	0.22	ppb
Molybdenum	94-1	159.78	187.38	190.70	179.29	9.47	ppb
Molybdenum	95-1	161.58	192.21	192.43	182.07	9.75	ppb
Molybdenum	96-1	168.91	197.63	198.48	188.34	8.94	ppb
Molybdenum	97-1	162.69	193.07	194.59	183.45	9.81	ppb
Molybdenum	98-1	165.01	195.48	196.38	185.62	9.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	230.17	232.83	231.64	231.55	0.57	ppb
Phosphorus	31-2	693.01	652.29	695.13	680.14	3.55	ppb
Potassium	39-2	11441.20	11572.94	11519.90	11511.34	0.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	9.45	11.31	11.17	10.64	9.70	ppb
Selenium	77-2	13.68	14.48	15.04	14.40	4.72	ppb
Selenium	78-2	12.32	11.73	12.45	12.16	3.16	ppb
Silicon	28-1	2023.07	2363.69	2405.91	2264.22	9.27	ppb
Silver	107-1	20.16	23.71	24.45	22.77	10.07	ppb
Silver	109-1	20.07	23.30	24.31	22.56	9.82	ppb
Sodium	23-2	15147.31	15205.78	15325.92	15226.34	0.60	ppb
Strontium	86-1	4695.53	5565.73	5603.36	5288.21	9.71	ppb
Strontium	88-1	4853.45	5630.53	5684.24	5389.41	8.63	ppb
Sulfur	34-1	3569.99	4648.43	4786.93	4335.12	15.37	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	4.87	5.52	5.76	5.38	8.61	ppb
Thallium	205-1	4.93	5.56	5.67	5.39	7.47	ppb
Tin	118-1	1806.68	2104.47	2202.74	2037.96	10.12	ppb
Titanium	47-1	725.15	840.53	848.95	804.87	8.59	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:47:17	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	6.02	6.80	7.04	6.62	8.01	ppb
Vanadium	51-2	83.07	83.66	83.37	83.37	0.35	ppb
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	40097.99	40459.46	40267.82	40275.09	0.45	ppb
Zirconium	90-1	13.77	16.36	16.65	15.59	10.16	ppb
Zirconium	91-1	16.31	19.16	19.55	18.34	9.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:50:10	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30273.90	29934.42	29824.52	30010.94	0.78	ppb
Antimony	121-1	4004.03	4062.59	4050.66	4039.09	0.77	ppb
Arsenic	75-2	10534.39	10541.95	10382.32	10486.22	0.86	ppb
Barium	135-1	851.13	871.65	859.96	860.91	1.20	ppb
Barium	137-1	855.44	860.74	858.86	858.35	0.31	ppb
Beryllium	9-1	1.82	1.86	1.82	1.84	1.29	ppb
Bismuth	209-1				116		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	19.01	19.53	19.05	19.20	1.52	ppb
Cadmium	106-1	21.09	20.40	20.05	20.51	2.57	ppb
Cadmium	111-1	8.91	8.65	8.83	8.80	1.49	ppb
Calcium	43-1	66644.90	66848.44	66669.89	66721.08	0.17	ppb
Calcium	44-1	65885.32	66151.41	66233.19	66089.98	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.03	52.91	52.64	52.86	0.38	ppb
Cobalt	59-2	972.47	983.88	980.11	978.82	0.59	ppb
Copper	63-2	4345.70	4387.66	4349.02	4360.79	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				111		%
Holmium	165-2				107		%
Indium	115-1				171		%
Indium	115-2				161		%
Iron	56-2	311651.05	315643.02	315985.79	314426.62	0.77	ppb
Iron	57-2	311668.62	313108.01	313026.27	312600.97	0.26	ppb
Iron	54-2	316842.25	316851.30	316312.20	316668.58	0.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:50:10	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5865.39	6047.71	6121.51	6011.54	2.19	ppb
Lead	207-1	5847.70	6028.53	6116.29	5997.51	2.28	ppb
Lead	208-1	5881.36	6018.29	6093.14	5997.60	1.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	9595.65	9648.42	9543.67	9595.92	0.55	ppb
Manganese	55-2	2044.53	2032.30	2041.25	2039.36	0.31	ppb
Molybdenum	94-1	120.59	120.09	121.77	120.82	0.71	ppb
Molybdenum	95-1	97.20	97.71	98.34	97.75	0.58	ppb
Molybdenum	96-1	101.63	101.77	102.29	101.90	0.34	ppb
Molybdenum	97-1	98.57	97.80	99.24	98.54	0.73	ppb
Molybdenum	98-1	98.08	97.71	98.94	98.24	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.47	99.38	98.04	98.96	0.81	ppb
Phosphorus	31-2	700.90	714.17	700.45	705.17	1.11	ppb
Potassium	39-2	13284.37	13453.67	13437.83	13391.96	0.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	7.21	6.68	7.34	7.08	4.99	ppb
Selenium	77-2	11.58	7.52	8.36	9.15	23.40	ppb
Selenium	78-2	7.60	7.51	7.35	7.49	1.67	ppb
Silicon	28-1	4231.22	4348.43	4329.19	4302.95	1.46	ppb
Silver	107-1	11.94	12.01	12.00	11.98	0.32	ppb
Silver	109-1	11.66	11.97	11.84	11.82	1.30	ppb
Sodium	23-2	16742.26	16974.68	16748.39	16821.78	0.79	ppb
Strontium	86-1	6948.44	6914.58	6987.11	6950.04	0.52	ppb
Strontium	88-1	7129.60	7114.67	7226.01	7156.76	0.84	ppb
Sulfur	34-1	5624.74	5704.81	5712.84	5680.80	0.86	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	2.67	2.75	2.84	2.76	3.05	ppb
Thallium	205-1	2.66	2.74	2.81	2.74	2.82	ppb
Tin	118-1	1114.47	1112.12	1119.36	1115.32	0.33	ppb
Titanium	47-1	1036.55	1052.92	1056.52	1048.66	1.02	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:50:10	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.68	4.81	4.98	4.82	3.20	ppb
Vanadium	51-2	80.62	81.11	80.29	80.67	0.51	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	23463.03	23691.68	23593.58	23582.76	0.49	ppb
Zirconium	90-1	22.04	22.01	22.39	22.15	0.95	ppb
Zirconium	91-1	24.01	24.24	24.84	24.36	1.75	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:53:07	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5176.90	5282.36	5183.27	5214.18	1.13	ppb
Antimony	121-1	3.88	3.61	3.55	3.68	4.68	ppb
Arsenic	75-2	10.58	10.49	10.87	10.65	1.89	ppb
Barium	135-1	13.86	14.94	14.68	14.49	3.89	ppb
Barium	137-1	14.01	15.02	14.80	14.61	3.63	ppb
Beryllium	9-1	0.16	0.14	0.16	0.15	8.22	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.41	0.28	0.33	20.35	ppb
Cadmium	106-1	0.28	-0.67	-0.98	-0.46		ppb
Cadmium	111-1	0.18	0.21	0.19	0.19	7.40	ppb
Calcium	43-1	5899.49	6309.31	6290.46	6166.42	3.75	ppb
Calcium	44-1	5724.65	6175.88	6049.85	5983.46	3.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.70	15.65	15.75	15.70	0.34	ppb
Cobalt	59-2	5.89	5.83	5.83	5.85	0.60	ppb
Copper	63-2	61.68	62.00	61.93	61.87	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				113		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	10289.54	10240.27	10333.15	10287.66	0.45	ppb
Iron	57-2	10200.89	10235.00	10242.58	10226.15	0.22	ppb
Iron	54-2	10393.24	10360.52	10314.51	10356.09	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:53:07	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.50	36.41	36.28	35.73	2.99	ppb
Lead	207-1	33.17	34.75	35.35	34.42	3.27	ppb
Lead	208-1	33.47	35.46	35.41	34.78	3.27	ppb
Lithium	6-1				104		%
Magnesium	24-2	4590.37	4576.10	4606.26	4590.91	0.33	ppb
Manganese	55-2	134.61	135.23	135.25	135.03	0.27	ppb
Molybdenum	94-1	2.10	2.23	2.26	2.20	3.79	ppb
Molybdenum	95-1	0.62	0.65	0.62	0.63	2.94	ppb
Molybdenum	96-1	0.84	0.86	0.90	0.87	3.28	ppb
Molybdenum	97-1	0.61	0.62	0.61	0.61	0.80	ppb
Molybdenum	98-1	0.63	0.63	0.67	0.64	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.49	18.28	18.61	18.46	0.88	ppb
Phosphorus	31-2	616.60	654.96	632.63	634.73	3.03	ppb
Potassium	39-2	1431.93	1427.63	1428.79	1429.45	0.16	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	0.66	0.74	0.70	0.70	5.65	ppb
Selenium	77-2	2.40	3.04	2.46	2.63	13.36	ppb
Selenium	78-2	0.36	0.40	-0.49	0.09	559.89	ppb
Silicon	28-1	150.96	156.19	149.28	152.15	2.37	ppb
Silver	107-1	0.34	0.31	0.30	0.32	7.53	ppb
Silver	109-1	0.34	0.32	0.30	0.32	6.50	ppb
Sodium	23-2	10292.52	10228.89	10274.93	10265.45	0.32	ppb
Strontium	86-1	1438.45	1506.80	1547.18	1497.48	3.67	ppb
Strontium	88-1	1497.25	1561.11	1580.11	1546.16	2.81	ppb
Sulfur	34-1	1512.32	1914.75	1918.34	1781.80	13.10	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.13	0.13	0.13	6.47	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	3.95	ppb
Tin	118-1	4.47	4.61	4.64	4.57	1.93	ppb
Titanium	47-1	163.15	175.32	181.43	173.30	5.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:53:07	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.79	0.79	0.77	4.33	ppb
Vanadium	51-2	19.59	20.10	19.93	19.87	1.31	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	53.62	52.79	52.51	52.98	1.09	ppb
Zirconium	90-1	0.86	0.86	1.24	0.99	22.10	ppb
Zirconium	91-1	0.87	0.90	0.95	0.91	4.61	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:56:16	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7295.83	7176.94	7188.93	7220.56	0.91	ppb
Antimony	121-1	5.31	5.25	5.25	5.27	0.61	ppb
Arsenic	75-2	48.00	49.01	49.51	48.84	1.57	ppb
Barium	135-1	18.02	17.94	17.99	17.98	0.23	ppb
Barium	137-1	18.25	18.18	18.37	18.27	0.54	ppb
Beryllium	9-1	0.16	0.15	0.21	0.17	16.62	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.51	0.32	0.36	35.90	ppb
Cadmium	106-1	0.15	-0.58	-0.50	-0.31		ppb
Cadmium	111-1	0.23	0.19	0.22	0.21	9.10	ppb
Calcium	43-1	4101.42	4070.20	4051.10	4074.24	0.62	ppb
Calcium	44-1	3986.60	3938.55	3951.29	3958.82	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.47	16.74	16.54	16.58	0.84	ppb
Cobalt	59-2	4.48	4.50	4.40	4.46	1.21	ppb
Copper	63-2	537.20	534.27	536.31	535.93	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				112		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	14088.77	14046.63	14021.35	14052.25	0.24	ppb
Iron	57-2	14018.29	13969.41	13958.53	13982.08	0.23	ppb
Iron	54-2	14418.86	14128.41	14071.16	14206.15	1.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:56:16	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	129.49	129.89	130.24	129.88	0.29	ppb
Lead	207-1	125.60	127.18	126.69	126.49	0.64	ppb
Lead	208-1	130.26	130.32	130.73	130.44	0.20	ppb
Lithium	6-1				103		%
Magnesium	24-2	3761.30	3757.33	3751.20	3756.61	0.14	ppb
Manganese	55-2	109.87	109.30	109.68	109.62	0.26	ppb
Molybdenum	94-1	3.13	3.20	3.21	3.18	1.34	ppb
Molybdenum	95-1	0.69	0.72	0.66	0.69	4.42	ppb
Molybdenum	96-1	1.09	1.09	1.06	1.08	1.83	ppb
Molybdenum	97-1	0.71	0.72	0.68	0.70	3.25	ppb
Molybdenum	98-1	0.67	0.72	0.71	0.70	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.77	18.80	19.05	18.87	0.81	ppb
Phosphorus	31-2	1190.04	1198.36	1166.85	1185.08	1.38	ppb
Potassium	39-2	1183.11	1177.49	1175.69	1178.77	0.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	0.44	0.52	0.49	0.48	8.82	ppb
Selenium	77-2	4.99	3.04	2.28	3.44	40.58	ppb
Selenium	78-2	-0.09	0.96	0.37	0.41	127.66	ppb
Silicon	28-1	129.20	121.08	119.07	123.12	4.35	ppb
Silver	107-1	0.27	0.27	0.28	0.27	1.28	ppb
Silver	109-1	0.26	0.27	0.27	0.26	1.35	ppb
Sodium	23-2	6836.25	6753.27	6860.63	6816.72	0.83	ppb
Strontium	86-1	747.60	752.39	741.00	747.00	0.77	ppb
Strontium	88-1	745.21	747.65	751.33	748.06	0.41	ppb
Sulfur	34-1	297.91	226.03	158.34	227.43	30.69	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.07	0.06	0.07	5.21	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	2.66	ppb
Tin	118-1	4.34	4.36	4.35	4.35	0.16	ppb
Titanium	47-1	495.69	489.45	487.33	490.82	0.89	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:56:16	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.07	1.08	1.07	0.34	ppb
Vanadium	51-2	37.20	37.41	37.53	37.38	0.45	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	113.60	113.73	113.23	113.52	0.23	ppb
Zirconium	90-1	1.43	1.41	1.51	1.45	3.86	ppb
Zirconium	91-1	1.48	1.45	1.44	1.46	1.55	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:59:25	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11908.36	11858.57	11723.03	11829.99	0.81	ppb
Antimony	121-1	42.30	47.08	46.90	45.42	5.96	ppb
Arsenic	75-2	143.15	141.50	141.97	142.21	0.60	ppb
Barium	135-1	125.17	138.97	138.90	134.35	5.92	ppb
Barium	137-1	125.71	141.21	139.33	135.41	6.25	ppb
Beryllium	9-1	0.26	0.33	0.29	0.29	10.67	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.21	2.07	2.17	2.15	3.30	ppb
Cadmium	106-1	2.45	1.93	2.17	2.18	12.04	ppb
Cadmium	111-1	1.30	1.46	1.46	1.40	6.46	ppb
Calcium	43-1	7661.74	8613.24	8619.24	8298.07	6.64	ppb
Calcium	44-1	7463.68	8277.56	8351.83	8031.02	6.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.17	38.11	37.75	38.01	0.59	ppb
Cobalt	59-2	39.21	39.33	39.08	39.21	0.32	ppb
Copper	63-2	1007.58	1010.09	1002.23	1006.63	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	42081.10	42155.72	42019.10	42085.31	0.16	ppb
Iron	57-2	41386.90	41746.33	41807.49	41646.91	0.55	ppb
Iron	54-2	42422.22	42313.44	42225.58	42320.41	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:59:25	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	316.73	348.64	342.13	335.83	5.02	ppb
Lead	207-1	302.18	344.81	335.43	327.47	6.84	ppb
Lead	208-1	306.08	341.31	336.20	327.86	5.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	7321.80	7378.35	7423.43	7374.53	0.69	ppb
Manganese	55-2	292.91	293.39	292.50	292.93	0.15	ppb
Molybdenum	94-1	11.51	12.16	12.78	12.15	5.22	ppb
Molybdenum	95-1	5.53	6.07	6.28	5.96	6.50	ppb
Molybdenum	96-1	6.39	7.02	7.27	6.89	6.52	ppb
Molybdenum	97-1	5.61	6.24	6.16	6.00	5.79	ppb
Molybdenum	98-1	5.63	6.12	6.37	6.04	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.40	28.98	28.47	28.62	1.10	ppb
Phosphorus	31-2	1209.60	1150.50	1199.84	1186.65	2.67	ppb
Potassium	39-2	2771.43	2771.84	2752.09	2765.12	0.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	1.09	0.99	1.07	1.05	5.27	ppb
Selenium	77-2	5.29	3.77	4.66	4.57	16.61	ppb
Selenium	78-2	0.17	1.77	1.02	0.99	81.03	ppb
Silicon	28-1	311.28	357.49	315.75	328.17	7.77	ppb
Silver	107-1	3.00	3.30	3.34	3.21	5.79	ppb
Silver	109-1	2.96	3.29	3.27	3.17	5.79	ppb
Sodium	23-2	13359.52	13278.10	13247.53	13295.05	0.44	ppb
Strontium	86-1	1744.12	1909.02	1944.47	1865.87	5.73	ppb
Strontium	88-1	1792.03	1955.57	2013.75	1920.45	5.99	ppb
Sulfur	34-1	2786.39	3612.36	3492.36	3297.04	13.54	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.20	0.23	0.20	0.21	7.57	ppb
Thallium	205-1	0.20	0.23	0.21	0.22	7.57	ppb
Tin	118-1	28.95	32.59	32.28	31.27	6.44	ppb
Titanium	47-1	509.11	578.42	571.50	553.01	6.90	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:59:25	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.84	2.04	1.97	1.95	5.38	ppb
Vanadium	51-2	48.60	48.96	48.05	48.54	0.95	ppb
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	2076.58	2055.78	2094.56	2075.64	0.93	ppb
Zirconium	90-1	3.75	3.99	4.09	3.94	4.48	ppb
Zirconium	91-1	3.77	4.49	4.14	4.13	8.80	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-13	Instrumnet Name :	P7
Client Sample ID :	MJNKJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:02:28	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8558.96	8452.52	8502.26	8504.58	0.63	ppb
Antimony	121-1	13.94	14.03	13.91	13.96	0.44	ppb
Arsenic	75-2	66.74	65.40	66.36	66.17	1.05	ppb
Barium	135-1	34.04	33.78	33.12	33.65	1.41	ppb
Barium	137-1	33.95	34.14	34.24	34.11	0.43	ppb
Beryllium	9-1	0.23	0.25	0.24	0.24	4.08	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	0.95	1.05	1.10	15.90	ppb
Cadmium	106-1	0.31	1.00	0.10	0.47	99.78	ppb
Cadmium	111-1	0.82	0.87	0.85	0.84	2.87	ppb
Calcium	43-1	6314.19	6240.03	6417.02	6323.75	1.41	ppb
Calcium	44-1	6220.73	6134.06	6135.29	6163.36	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.79	29.79	29.89	29.82	0.20	ppb
Cobalt	59-2	7.43	7.32	7.49	7.41	1.18	ppb
Copper	63-2	1068.25	1048.14	1057.45	1057.94	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				110		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	18566.47	18266.15	18558.17	18463.60	0.93	ppb
Iron	57-2	18661.83	18222.87	18409.19	18431.30	1.20	ppb
Iron	54-2	18691.16	18537.47	18589.37	18606.00	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-13	Instrumnet Name :	P7
Client Sample ID :	MJNKJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:02:28	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	155.32	153.47	155.43	154.74	0.71	ppb
Lead	207-1	149.23	148.27	153.06	150.19	1.69	ppb
Lead	208-1	156.00	154.35	158.81	156.39	1.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	5551.40	5478.65	5553.65	5527.90	0.77	ppb
Manganese	55-2	124.03	122.40	123.75	123.40	0.71	ppb
Molybdenum	94-1	6.60	6.82	6.91	6.77	2.37	ppb
Molybdenum	95-1	3.80	3.96	3.86	3.87	2.02	ppb
Molybdenum	96-1	4.30	4.34	4.25	4.29	1.10	ppb
Molybdenum	97-1	3.78	3.90	3.98	3.89	2.62	ppb
Molybdenum	98-1	3.86	3.92	3.93	3.91	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.30	19.52	19.35	19.39	0.59	ppb
Phosphorus	31-2	878.89	849.68	885.42	871.33	2.18	ppb
Potassium	39-2	1855.17	1847.25	1849.47	1850.63	0.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	1.15	1.25	1.21	1.20	3.84	ppb
Selenium	77-2	4.15	4.41	2.92	3.83	20.92	ppb
Selenium	78-2	0.90	0.32	0.70	0.64	45.88	ppb
Silicon	28-1	232.51	170.43	186.64	196.53	16.38	ppb
Silver	107-1	3.86	3.76	3.74	3.79	1.60	ppb
Silver	109-1	3.84	3.79	3.73	3.79	1.41	ppb
Sodium	23-2	16281.79	16013.72	16111.20	16135.57	0.84	ppb
Strontium	86-1	1336.30	1360.56	1350.77	1349.21	0.90	ppb
Strontium	88-1	1372.24	1396.54	1395.61	1388.13	0.99	ppb
Sulfur	34-1	8810.44	8726.90	8990.64	8842.66	1.52	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.23	0.25	0.24	4.78	ppb
Thallium	205-1	0.25	0.24	0.25	0.24	2.00	ppb
Tin	118-1	13.45	13.46	13.41	13.44	0.22	ppb
Titanium	47-1	414.62	408.99	416.13	413.25	0.91	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-13	Instrumnet Name :	P7
Client Sample ID :	MJNKJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:02:28	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.95	0.98	0.97	1.17	ppb
Vanadium	51-2	32.23	31.79	31.94	31.99	0.70	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	304.91	303.29	304.25	304.15	0.27	ppb
Zirconium	90-1	1.91	1.97	1.96	1.95	1.77	ppb
Zirconium	91-1	2.00	1.93	1.96	1.96	1.95	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:32:10	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50315.29	50267.30	50835.91	50472.83	0.62	ppb
Antimony	121-1	480.53	506.69	503.17	496.80	2.86	ppb
Arsenic	75-2	498.48	494.57	495.85	496.30	0.40	ppb
Barium	135-1	2446.78	2566.32	2531.24	2514.78	2.44	ppb
Barium	137-1	2467.31	2558.12	2549.49	2524.97	1.99	ppb
Beryllium	9-1	509.10	509.46	511.18	509.91	0.22	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.96	495.11	488.11	489.73	0.98	ppb
Cadmium	106-1	481.23	496.95	490.35	489.51	1.61	ppb
Cadmium	111-1	457.68	477.75	474.06	469.83	2.27	ppb
Calcium	43-1	243756.65	253815.15	253718.41	250430.07	2.31	ppb
Calcium	44-1	243389.54	255472.53	253619.27	250827.11	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.70	506.55	507.66	508.30	0.42	ppb
Cobalt	59-2	501.94	498.44	501.75	500.71	0.39	ppb
Copper	63-2	4909.32	4959.69	4917.36	4928.79	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				100		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	56-2	130069.04	129253.57	129587.00	129636.53	0.32	ppb
Iron	57-2	130269.21	129116.08	129691.68	129692.32	0.44	ppb
Iron	54-2	129764.32	129410.61	130160.55	129778.49	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:32:10	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2498.66	2598.91	2610.09	2569.22	2.39	ppb
Lead	207-1	2472.10	2579.13	2596.20	2549.15	2.64	ppb
Lead	208-1	2473.20	2574.36	2592.03	2546.53	2.52	ppb
Lithium	6-1				89		%
Magnesium	24-2	248031.49	250002.58	249025.87	249019.98	0.40	ppb
Manganese	55-2	5027.66	4999.39	4997.60	5008.22	0.34	ppb
Molybdenum	94-1	4880.65	5126.94	5050.56	5019.38	2.51	ppb
Molybdenum	95-1	4884.85	5078.29	5057.54	5006.89	2.12	ppb
Molybdenum	96-1	4891.79	5078.24	5111.75	5027.26	2.36	ppb
Molybdenum	97-1	4875.23	5076.27	5119.33	5023.61	2.59	ppb
Molybdenum	98-1	4887.03	5044.17	5039.89	4990.36	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.24	474.35	479.49	477.03	0.54	ppb
Phosphorus	31-2	9882.89	9859.94	9953.08	9898.63	0.49	ppb
Potassium	39-2	123010.03	121709.47	123902.15	122873.88	0.90	ppb
Rhodium	103-1				86		%
Rhodium	103-2				82		%
Scandium	45-1				91		%
Scandium	45-2				80		%
Selenium	82-1	464.08	479.37	484.03	475.83	2.19	ppb
Selenium	77-2	484.94	473.18	496.37	484.83	2.39	ppb
Selenium	78-2	491.56	482.78	481.17	485.17	1.15	ppb
Silicon	28-1	239.79	249.62	246.11	245.17	2.03	ppb
Silver	107-1	487.48	497.59	493.19	492.75	1.03	ppb
Silver	109-1	486.38	495.25	486.10	489.24	1.06	ppb
Sodium	23-2	247540.82	248906.71	249930.52	248792.68	0.48	ppb
Strontium	86-1	12237.44	12569.78	12602.60	12469.94	1.62	ppb
Strontium	88-1	12161.03	12523.13	12734.52	12472.89	2.33	ppb
Sulfur	34-1	9690.79	10186.93	10244.46	10040.73	3.03	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	503.44	525.62	530.81	519.96	2.80	ppb
Thallium	205-1	503.35	525.17	528.71	519.08	2.65	ppb
Tin	118-1	485.45	508.93	503.37	499.25	2.46	ppb
Titanium	47-1	4852.07	5022.67	5050.94	4975.23	2.16	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:32:10	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	493.54	524.77	524.74	514.35	3.50	ppb
Vanadium	51-2	519.73	509.55	513.11	514.13	1.01	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	4829.48	4840.89	4811.41	4827.26	0.31	ppb
Zirconium	90-1	490.77	507.52	499.12	499.14	1.68	ppb
Zirconium	91-1	496.47	509.03	510.54	505.35	1.53	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:35:11	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.08	0.85	0.94	0.96	11.86	ppb
Antimony	121-1	0.18	0.19	0.16	0.18	6.90	ppb
Arsenic	75-2	0.05	0.02	0.00	0.02	96.09	ppb
Barium	135-1	0.11	0.10	0.05	0.08	35.97	ppb
Barium	137-1	0.11	0.08	0.07	0.09	19.39	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	18.20	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	-0.04	0.05	0.03	228.64	ppb
Cadmium	106-1	-1.36	-1.24	-1.43	-1.34		ppb
Cadmium	111-1	0.00	0.00	-0.01	0.00		ppb
Calcium	43-1	9.75	9.11	6.39	8.42	21.18	ppb
Calcium	44-1	10.34	8.87	7.02	8.74	19.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.03	0.01	202.47	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.13	0.12	0.13	0.13	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	3.10	2.59	2.23	2.64	16.62	ppb
Iron	57-2	-0.53	0.02	0.91	0.13	545.71	ppb
Iron	54-2	2.47	2.32	1.58	2.13	22.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:35:11	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.16	0.12	0.15	14.58	ppb
Lead	207-1	0.14	0.15	0.13	0.14	9.48	ppb
Lead	208-1	0.15	0.15	0.13	0.14	8.47	ppb
Lithium	6-1				93		%
Magnesium	24-2	4.42	3.53	2.99	3.65	19.71	ppb
Manganese	55-2	0.11	0.13	0.09	0.11	18.34	ppb
Molybdenum	94-1	0.37	0.31	0.23	0.30	21.87	ppb
Molybdenum	95-1	0.30	0.26	0.22	0.26	16.05	ppb
Molybdenum	96-1	0.32	0.28	0.25	0.29	13.05	ppb
Molybdenum	97-1	0.30	0.27	0.23	0.27	13.49	ppb
Molybdenum	98-1	0.32	0.28	0.24	0.28	15.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.05	-0.04		ppb
Phosphorus	31-2	-18.61	-16.49	-16.85	-17.32		ppb
Potassium	39-2	6.07	6.96	5.82	6.28	9.61	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	0.70	0.19	0.03	0.31	114.62	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	-0.40	-0.83	-0.46		ppb
Silicon	28-1	-3.83	-3.62	-3.82	-3.76		ppb
Silver	107-1	0.05	0.04	0.03	0.04	21.99	ppb
Silver	109-1	0.05	0.04	0.03	0.04	18.81	ppb
Sodium	23-2	16.89	16.56	15.86	16.43	3.20	ppb
Strontium	86-1	0.39	0.84	0.67	0.63	36.14	ppb
Strontium	88-1	0.56	0.51	0.43	0.50	12.67	ppb
Sulfur	34-1	-138.29	-129.22	-120.44	-129.31		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.03	0.04	0.04	19.31	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	18.57	ppb
Tin	118-1	0.05	0.05	0.03	0.04	23.16	ppb
Titanium	47-1	0.28	0.22	0.15	0.22	28.88	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:35:11	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.02	0.02	21.54	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	12.21	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	0.19	0.19	0.14	0.18	16.13	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	8.67	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	8.01	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:41:08	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14162.86	14526.38	14318.20	14335.81	1.27	ppb
Antimony	121-1	2153.47	2203.96	2178.93	2178.79	1.16	ppb
Arsenic	75-2	6062.96	5844.21	6152.97	6020.05	2.64	ppb
Barium	135-1	210.56	216.32	212.80	213.23	1.36	ppb
Barium	137-1	213.53	216.95	214.46	214.98	0.82	ppb
Beryllium	9-1	1.40	1.41	1.40	1.40	0.59	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	119.62	122.32	123.93	121.96	1.79	ppb
Cadmium	106-1	117.10	117.68	120.05	118.27	1.32	ppb
Cadmium	111-1	117.93	119.21	119.68	118.94	0.76	ppb
Calcium	43-1	47325.71	49460.66	47442.45	48076.27	2.50	ppb
Calcium	44-1	46848.66	48626.59	47221.45	47565.57	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	275.35	280.58	280.14	278.69	1.04	ppb
Cobalt	59-2	497.78	500.02	501.97	499.92	0.42	ppb
Copper	63-2	2233.99	2246.99	2274.71	2251.90	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				108		%
Holmium	165-2				106		%
Indium	115-1				119		%
Indium	115-2				117		%
Iron	56-2	177580.32	176867.91	177058.86	177169.03	0.21	ppb
Iron	57-2	174734.82	175111.64	177511.24	175785.90	0.86	ppb
Iron	54-2	177894.60	176864.22	179399.89	178052.90	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:41:08	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3375.76	3492.89	3393.00	3420.55	1.85	ppb
Lead	207-1	3308.50	3412.16	3355.76	3358.81	1.55	ppb
Lead	208-1	3339.59	3434.38	3341.54	3371.84	1.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	6602.61	6724.09	6716.51	6681.07	1.02	ppb
Manganese	55-2	701.31	703.06	703.75	702.71	0.18	ppb
Molybdenum	94-1	380.19	380.62	386.80	382.54	0.97	ppb
Molybdenum	95-1	417.99	431.46	420.24	423.23	1.70	ppb
Molybdenum	96-1	424.02	427.97	417.66	423.22	1.23	ppb
Molybdenum	97-1	429.80	428.74	426.97	428.50	0.33	ppb
Molybdenum	98-1	424.05	424.14	416.84	421.68	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.56	76.46	78.07	77.36	1.06	ppb
Phosphorus	31-2	1014.88	983.85	1029.36	1009.36	2.30	ppb
Potassium	39-2	3544.02	3563.92	3577.50	3561.82	0.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	235.20	238.92	236.76	236.96	0.79	ppb
Selenium	77-2	247.85	239.63	244.89	244.12	1.71	ppb
Selenium	78-2	242.81	236.84	250.14	243.27	2.74	ppb
Silicon	28-1	1746.59	1802.83	1806.59	1785.34	1.88	ppb
Silver	107-1	5.29	5.38	5.28	5.32	1.05	ppb
Silver	109-1	5.14	5.24	5.28	5.22	1.32	ppb
Sodium	23-2	11368.84	11545.59	11522.17	11478.87	0.84	ppb
Strontium	86-1	5659.86	5720.02	5649.26	5676.38	0.67	ppb
Strontium	88-1	5825.16	5919.29	5748.94	5831.13	1.46	ppb
Sulfur	34-1	3834.17	4082.49	3860.90	3925.85	3.47	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	175.02	177.47	176.25	176.24	0.70	ppb
Thallium	205-1	173.50	180.31	176.00	176.60	1.95	ppb
Tin	118-1	483.86	490.21	489.68	487.92	0.72	ppb
Titanium	47-1	720.56	744.65	734.46	733.22	1.65	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:41:08	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.59	4.65	4.62	4.62	0.69	ppb
Vanadium	51-2	44.17	45.32	45.25	44.91	1.44	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	11741.68	11845.63	12019.87	11869.06	1.18	ppb
Zirconium	90-1	17.34	17.69	17.58	17.54	1.04	ppb
Zirconium	91-1	19.38	18.96	18.87	19.07	1.43	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:43:58	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11324.77	11369.55	11200.13	11298.15	0.78	ppb
Antimony	121-1	5.01	4.88	4.58	4.82	4.59	ppb
Arsenic	75-2	260.00	254.33	257.59	257.31	1.11	ppb
Barium	135-1	174.63	175.20	178.05	175.96	1.04	ppb
Barium	137-1	177.02	177.93	179.18	178.04	0.61	ppb
Beryllium	9-1	0.90	0.94	0.82	0.89	6.71	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	93.12	94.27	92.31	93.23	1.05	ppb
Cadmium	106-1	95.01	92.01	93.95	93.66	1.63	ppb
Cadmium	111-1	98.03	98.87	99.55	98.82	0.77	ppb
Calcium	43-1	72806.49	72118.08	72169.91	72364.83	0.53	ppb
Calcium	44-1	71080.50	71872.23	72167.79	71706.84	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.59	44.86	44.46	44.64	0.46	ppb
Cobalt	59-2	18.53	18.59	18.41	18.51	0.48	ppb
Copper	63-2	43.48	43.87	43.95	43.76	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				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	42887.37	43505.35	42757.20	43049.97	0.93	ppb
Iron	57-2	42937.25	42903.24	43211.21	43017.23	0.39	ppb
Iron	54-2	42871.77	43702.58	43232.77	43269.04	0.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:43:58	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.30	81.52	82.46	81.76	0.75	ppb
Lead	207-1	74.58	74.37	74.86	74.60	0.33	ppb
Lead	208-1	76.67	77.17	77.57	77.14	0.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	32609.86	33057.39	32596.36	32754.54	0.80	ppb
Manganese	55-2	1588.20	1608.91	1594.85	1597.32	0.66	ppb
Molybdenum	94-1	9.24	9.38	9.26	9.29	0.81	ppb
Molybdenum	95-1	3.59	3.80	3.50	3.63	4.19	ppb
Molybdenum	96-1	4.53	4.70	4.33	4.52	4.02	ppb
Molybdenum	97-1	3.48	3.67	3.57	3.57	2.62	ppb
Molybdenum	98-1	3.51	3.63	3.50	3.55	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.00	55.94	55.82	55.59	0.93	ppb
Phosphorus	31-2	971.91	949.70	919.95	947.19	2.75	ppb
Potassium	39-2	1983.65	1991.44	1986.62	1987.23	0.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	82-1	234.57	232.89	235.83	234.43	0.63	ppb
Selenium	77-2	251.27	239.13	236.20	242.20	3.30	ppb
Selenium	78-2	240.41	244.03	243.05	242.50	0.77	ppb
Silicon	28-1	933.23	926.26	945.64	935.04	1.05	ppb
Silver	107-1	0.32	0.32	0.30	0.32	4.39	ppb
Silver	109-1	0.33	0.32	0.30	0.32	3.82	ppb
Sodium	23-2	183.09	186.88	185.18	185.05	1.03	ppb
Strontium	86-1	1790.81	1791.59	1794.26	1792.22	0.10	ppb
Strontium	88-1	1864.41	1847.19	1850.49	1854.03	0.49	ppb
Sulfur	34-1	996.47	1057.39	1071.26	1041.70	3.82	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	174.06	175.52	178.95	176.18	1.42	ppb
Thallium	205-1	173.73	177.94	178.32	176.66	1.44	ppb
Tin	118-1	1.68	1.66	1.60	1.64	2.34	ppb
Titanium	47-1	204.97	209.43	209.90	208.10	1.31	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:43:58	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.09	1.10	1.09	0.97	ppb
Vanadium	51-2	38.31	38.62	38.51	38.48	0.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	496.22	502.03	496.09	498.11	0.68	ppb
Zirconium	90-1	3.39	3.48	3.45	3.44	1.43	ppb
Zirconium	91-1	3.45	3.42	3.55	3.47	2.09	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:47:06	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20928.21	21572.18	21560.31	21353.56	1.73	ppb
Antimony	121-1	4.27	4.79	4.95	4.67	7.57	ppb
Arsenic	75-2	265.06	266.91	267.59	266.52	0.49	ppb
Barium	135-1	215.41	242.39	247.03	234.94	7.27	ppb
Barium	137-1	218.83	246.68	250.80	238.77	7.28	ppb
Beryllium	9-1	1.22	1.39	1.30	1.30	6.56	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	80.91	91.12	91.37	87.80	6.80	ppb
Cadmium	106-1	80.40	91.09	91.65	87.72	7.23	ppb
Cadmium	111-1	84.25	95.07	97.21	92.18	7.54	ppb
Calcium	43-1	77584.96	90492.62	90141.21	86072.93	8.54	ppb
Calcium	44-1	77242.34	90616.45	89823.87	85894.22	8.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.99	44.67	44.43	44.36	0.78	ppb
Cobalt	59-2	28.37	28.91	28.64	28.64	0.93	ppb
Copper	63-2	49.63	50.63	50.02	50.10	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				113		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	54191.58	55391.79	54843.66	54809.01	1.10	ppb
Iron	57-2	53933.49	55475.44	54906.17	54771.70	1.42	ppb
Iron	54-2	54786.94	55251.48	54748.48	54928.97	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:47:06	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.65	35.80	36.45	34.63	7.51	ppb
Lead	207-1	28.44	32.46	32.99	31.30	7.95	ppb
Lead	208-1	29.68	33.55	34.26	32.49	7.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	35053.42	35456.74	35164.79	35224.98	0.59	ppb
Manganese	55-2	962.62	973.80	960.29	965.57	0.75	ppb
Molybdenum	94-1	11.72	13.66	13.83	13.07	8.99	ppb
Molybdenum	95-1	2.28	2.75	2.68	2.57	9.85	ppb
Molybdenum	96-1	3.55	4.21	4.24	4.00	9.76	ppb
Molybdenum	97-1	2.35	2.79	2.69	2.61	8.78	ppb
Molybdenum	98-1	2.26	2.70	2.65	2.54	9.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.04	74.20	74.80	74.01	1.20	ppb
Phosphorus	31-2	1032.47	1002.25	1058.77	1031.16	2.74	ppb
Potassium	39-2	3486.61	3528.82	3468.33	3494.59	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	82-1	196.27	225.88	228.01	216.72	8.19	ppb
Selenium	77-2	234.22	247.60	232.39	238.07	3.49	ppb
Selenium	78-2	233.83	234.92	230.78	233.18	0.92	ppb
Silicon	28-1	325.90	470.04	317.11	371.02	23.14	ppb
Silver	107-1	0.12	0.14	0.15	0.14	8.44	ppb
Silver	109-1	0.12	0.14	0.14	0.13	9.28	ppb
Sodium	23-2	257.60	272.02	262.55	264.06	2.78	ppb
Strontium	86-1	2586.83	3016.52	2997.11	2866.82	8.46	ppb
Strontium	88-1	2673.10	3109.53	3179.42	2987.35	9.18	ppb
Sulfur	34-1	469.33	1176.23	1130.21	925.26	42.75	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	151.27	171.17	174.32	165.58	7.55	ppb
Thallium	205-1	154.06	172.35	177.55	167.99	7.35	ppb
Tin	118-1	0.90	1.01	0.99	0.97	6.24	ppb
Titanium	47-1	207.89	244.41	249.07	233.79	9.65	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:47:06	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.74	1.76	1.67	8.54	ppb
Vanadium	51-2	54.33	55.31	54.81	54.81	0.89	ppb
Yttrium	89-1				111		%
Yttrium	89-2				98		%
Zinc	66-2	160.05	162.47	159.75	160.76	0.93	ppb
Zirconium	90-1	5.38	6.36	6.31	6.01	9.17	ppb
Zirconium	91-1	5.56	6.53	6.51	6.20	8.93	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:50:17	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24894.87	25280.58	24966.66	25047.37	0.82	ppb
Antimony	121-1	4.54	4.59	4.76	4.63	2.47	ppb
Arsenic	75-2	280.87	284.10	277.57	280.84	1.16	ppb
Barium	135-1	96.54	97.54	98.99	97.69	1.26	ppb
Barium	137-1	97.98	99.88	99.80	99.22	1.08	ppb
Beryllium	9-1	0.93	1.01	1.01	0.98	4.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	116.71	117.29	119.91	117.97	1.45	ppb
Cadmium	106-1	113.66	117.73	114.97	115.46	1.80	ppb
Cadmium	111-1	119.99	121.69	123.41	121.70	1.41	ppb
Calcium	43-1	12750.70	12935.90	13005.33	12897.31	1.02	ppb
Calcium	44-1	12232.74	12429.97	12492.75	12385.15	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.09	30.22	30.10	30.14	0.24	ppb
Cobalt	59-2	31.90	31.90	31.79	31.86	0.20	ppb
Copper	63-2	94.17	93.58	94.45	94.06	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	51013.66	50699.31	51175.74	50962.90	0.48	ppb
Iron	57-2	51033.94	50509.79	50348.30	50630.68	0.71	ppb
Iron	54-2	51062.13	51387.20	51577.43	51342.26	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:50:17	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	91.83	94.14	93.03	93.00	1.24	ppb
Lead	207-1	86.55	88.38	87.75	87.56	1.06	ppb
Lead	208-1	91.36	92.71	92.51	92.19	0.79	ppb
Lithium	6-1				99		%
Magnesium	24-2	12952.38	12897.96	13000.05	12950.13	0.39	ppb
Manganese	55-2	820.67	817.11	826.45	821.41	0.57	ppb
Molybdenum	94-1	9.33	9.28	9.38	9.33	0.53	ppb
Molybdenum	95-1	0.74	0.76	0.78	0.76	2.52	ppb
Molybdenum	96-1	2.05	2.12	2.06	2.08	1.69	ppb
Molybdenum	97-1	0.75	0.73	0.74	0.74	1.44	ppb
Molybdenum	98-1	0.76	0.76	0.76	0.76	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.40	39.81	40.39	40.20	0.84	ppb
Phosphorus	31-2	735.47	753.21	741.84	743.51	1.21	ppb
Potassium	39-2	902.41	897.07	890.57	896.68	0.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	286.09	292.00	292.84	290.31	1.27	ppb
Selenium	77-2	301.62	305.25	291.80	299.55	2.32	ppb
Selenium	78-2	293.38	308.81	291.78	297.99	3.16	ppb
Silicon	28-1	401.70	406.41	403.67	403.93	0.59	ppb
Silver	107-1	0.07	0.07	0.08	0.07	4.36	ppb
Silver	109-1	0.40	0.07	0.08	0.18	103.41	ppb
Sodium	23-2	239.69	236.85	237.14	237.90	0.66	ppb
Strontium	86-1	1713.02	1758.25	1729.89	1733.72	1.32	ppb
Strontium	88-1	1753.06	1788.90	1785.63	1775.86	1.12	ppb
Sulfur	34-1	-247.61	-344.03	-536.76	-376.14		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	199.71	206.96	203.11	203.26	1.78	ppb
Thallium	205-1	199.52	207.51	203.33	203.45	1.96	ppb
Tin	118-1	1.78	1.75	1.84	1.79	2.67	ppb
Titanium	47-1	240.20	241.61	240.54	240.78	0.30	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:50:17	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	0.94	0.96	1.77	ppb
Vanadium	51-2	119.57	119.16	119.23	119.32	0.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	118.04	118.52	118.32	118.29	0.20	ppb
Zirconium	90-1	4.75	4.92	4.79	4.82	1.87	ppb
Zirconium	91-1	4.83	4.97	4.93	4.91	1.44	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:53:25	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17844.11	17667.06	18095.67	17868.95	1.21	ppb
Antimony	121-1	4.34	4.60	4.56	4.50	3.15	ppb
Arsenic	75-2	217.81	215.92	218.53	217.42	0.62	ppb
Barium	135-1	134.41	143.00	142.28	139.90	3.41	ppb
Barium	137-1	134.39	143.44	144.52	140.79	3.95	ppb
Beryllium	9-1	0.74	0.75	0.75	0.75	0.89	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	90.32	95.69	97.71	94.57	4.04	ppb
Cadmium	106-1	93.49	100.22	96.41	96.71	3.49	ppb
Cadmium	111-1	91.16	97.24	97.49	95.30	3.76	ppb
Calcium	43-1	12652.66	13390.40	13532.64	13191.90	3.58	ppb
Calcium	44-1	12296.17	13027.99	13000.80	12774.99	3.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.30	26.17	26.32	26.26	0.31	ppb
Cobalt	59-2	24.15	24.19	24.19	24.17	0.09	ppb
Copper	63-2	61.53	61.62	61.05	61.40	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				111		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	54039.85	54282.34	54493.55	54271.91	0.42	ppb
Iron	57-2	53620.82	54067.60	53590.92	53759.78	0.50	ppb
Iron	54-2	54630.55	53910.72	54177.10	54239.46	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:53:25	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.77	39.66	39.82	39.08	2.91	ppb
Lead	207-1	36.15	37.78	37.93	37.29	2.64	ppb
Lead	208-1	36.43	38.47	38.50	37.80	3.13	ppb
Lithium	6-1				98		%
Magnesium	24-2	12342.29	12249.38	12521.61	12371.09	1.12	ppb
Manganese	55-2	788.97	786.51	789.49	788.32	0.20	ppb
Molybdenum	94-1	63.59	66.81	66.07	65.49	2.58	ppb
Molybdenum	95-1	0.74	0.75	0.74	0.74	0.99	ppb
Molybdenum	96-1	7.70	8.21	8.17	8.03	3.48	ppb
Molybdenum	97-1	0.69	0.77	0.75	0.73	5.63	ppb
Molybdenum	98-1	0.74	0.78	0.75	0.76	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.57	47.34	46.92	46.94	0.82	ppb
Phosphorus	31-2	2632.65	2651.46	2622.47	2635.53	0.56	ppb
Potassium	39-2	1045.95	1046.86	1055.47	1049.42	0.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	194.68	206.64	205.71	202.34	3.29	ppb
Selenium	77-2	220.13	218.59	218.84	219.19	0.38	ppb
Selenium	78-2	210.18	205.08	209.11	208.12	1.29	ppb
Silicon	28-1	462.08	493.13	498.89	484.70	4.09	ppb
Silver	107-1	0.09	0.09	0.09	0.09	3.18	ppb
Silver	109-1	0.05	0.07	0.06	0.06	11.56	ppb
Sodium	23-2	717.09	714.80	716.41	716.10	0.16	ppb
Strontium	86-1	1778.11	1878.55	1835.76	1830.81	2.75	ppb
Strontium	88-1	1823.22	1914.05	1920.24	1885.84	2.88	ppb
Sulfur	34-1	-863.54	-736.66	-751.64	-783.95		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	160.08	168.95	170.49	166.51	3.38	ppb
Thallium	205-1	160.54	168.69	171.11	166.78	3.32	ppb
Tin	118-1	1.69	1.82	1.79	1.77	4.06	ppb
Titanium	47-1	2860.11	3012.68	2997.28	2956.69	2.84	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:53:25	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	1.02	1.01	1.00	3.00	ppb
Vanadium	51-2	134.60	134.75	134.85	134.73	0.09	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	120.82	120.14	119.71	120.22	0.46	ppb
Zirconium	90-1	34.44	36.70	36.23	35.79	3.33	ppb
Zirconium	91-1	34.59	36.34	36.37	35.77	2.84	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:56:35	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14177.00	14273.61	14191.69	14214.10	0.37	ppb
Antimony	121-1	2100.63	2175.78	2202.71	2159.71	2.45	ppb
Arsenic	75-2	6099.70	5932.53	6022.60	6018.28	1.39	ppb
Barium	135-1	207.64	212.84	215.90	212.13	1.97	ppb
Barium	137-1	212.17	215.07	218.91	215.39	1.57	ppb
Beryllium	9-1	1.33	1.41	1.40	1.38	3.02	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.03	126.02	128.98	125.68	2.77	ppb
Cadmium	106-1	117.28	122.40	124.15	121.28	2.94	ppb
Cadmium	111-1	119.83	121.45	125.34	122.21	2.32	ppb
Calcium	43-1	45104.66	48300.27	48177.74	47194.23	3.84	ppb
Calcium	44-1	45652.42	47580.63	47969.06	47067.37	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	279.76	274.96	277.40	277.37	0.87	ppb
Cobalt	59-2	509.13	514.38	512.00	511.84	0.51	ppb
Copper	63-2	2254.24	2246.68	2252.70	2251.21	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				122		%
Indium	115-2				116		%
Iron	56-2	178385.37	177922.87	178469.78	178259.34	0.17	ppb
Iron	57-2	177923.68	176574.55	176392.55	176963.59	0.47	ppb
Iron	54-2	179965.16	178020.83	178570.34	178852.11	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:56:35	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3299.31	3415.29	3493.20	3402.60	2.87	ppb
Lead	207-1	3239.20	3360.32	3417.76	3339.09	2.73	ppb
Lead	208-1	3252.50	3360.05	3417.67	3343.41	2.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	6711.47	6633.81	6606.43	6650.57	0.82	ppb
Manganese	55-2	708.07	695.19	701.40	701.56	0.92	ppb
Molybdenum	94-1	367.71	369.04	373.46	370.07	0.81	ppb
Molybdenum	95-1	409.87	422.20	421.98	418.02	1.69	ppb
Molybdenum	96-1	405.33	417.23	422.42	414.99	2.11	ppb
Molybdenum	97-1	402.37	420.59	426.20	416.39	2.99	ppb
Molybdenum	98-1	405.53	410.77	416.33	410.88	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.53	78.37	78.90	78.60	0.34	ppb
Phosphorus	31-2	1032.00	1037.96	1020.47	1030.14	0.86	ppb
Potassium	39-2	3515.10	3555.13	3488.15	3519.46	0.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	232.80	239.62	241.09	237.84	1.86	ppb
Selenium	77-2	239.03	249.46	238.98	242.49	2.49	ppb
Selenium	78-2	247.06	237.97	245.79	243.61	2.02	ppb
Silicon	28-1	1765.13	1849.23	1821.30	1811.89	2.36	ppb
Silver	107-1	5.14	5.22	5.34	5.23	1.95	ppb
Silver	109-1	5.05	5.17	5.26	5.16	2.05	ppb
Sodium	23-2	11476.77	11474.15	11478.87	11476.60	0.02	ppb
Strontium	86-1	5482.67	5650.00	5692.04	5608.24	1.97	ppb
Strontium	88-1	5662.55	5744.59	5816.64	5741.26	1.34	ppb
Sulfur	34-1	3439.50	3847.11	3855.39	3714.00	6.40	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	167.74	172.52	178.17	172.81	3.02	ppb
Thallium	205-1	169.23	173.38	177.44	173.35	2.37	ppb
Tin	118-1	475.88	478.68	495.95	483.50	2.25	ppb
Titanium	47-1	712.00	743.18	748.77	734.65	2.70	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:56:35	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.45	4.59	4.63	4.56	2.05	ppb
Vanadium	51-2	45.39	44.94	45.45	45.26	0.62	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	12023.78	11963.27	12057.21	12014.75	0.40	ppb
Zirconium	90-1	16.89	17.44	17.58	17.30	2.10	ppb
Zirconium	91-1	18.14	18.55	18.98	18.56	2.25	ppb

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:44:56	DataFile Name :	143CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50568.38	51232.75	50693.69	50831.61	0.69	ppb
Antimony	121-1	501.54	500.99	507.62	503.38	0.73	ppb
Arsenic	75-2	485.26	499.88	493.16	492.77	1.49	ppb
Barium	135-1	2515.45	2517.93	2539.70	2524.36	0.53	ppb
Barium	137-1	2526.40	2520.52	2541.02	2529.31	0.42	ppb
Beryllium	9-1	527.99	522.56	523.48	524.68	0.55	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.84	484.48	493.85	489.73	0.98	ppb
Cadmium	106-1	493.88	486.86	491.59	490.78	0.73	ppb
Cadmium	111-1	473.71	471.30	475.45	473.49	0.44	ppb
Calcium	43-1	254307.77	257674.39	258319.77	256767.31	0.84	ppb
Calcium	44-1	254053.25	258714.98	257622.34	256796.86	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.06	515.81	510.65	511.17	0.86	ppb
Cobalt	59-2	503.71	505.88	497.40	502.33	0.88	ppb
Copper	63-2	4919.74	4919.90	4909.12	4916.25	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				97		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	56-2	129394.11	131685.70	128169.28	129749.70	1.38	ppb
Iron	57-2	129432.83	130656.55	129993.25	130027.54	0.47	ppb
Iron	54-2	130948.49	131047.61	130051.19	130682.43	0.42	ppb
Krypton	83-1						cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:44:56	DataFile Name :	143CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2577.51	2550.96	2618.86	2582.45	1.33	ppb
Lead	207-1	2555.78	2548.93	2581.13	2561.95	0.66	ppb
Lead	208-1	2569.66	2550.07	2604.45	2574.73	1.07	ppb
Lithium	6-1				86		%
Magnesium	24-2	250462.14	252497.60	249587.50	250849.08	0.60	ppb
Manganese	55-2	5020.99	5022.70	4926.79	4990.16	1.10	ppb
Molybdenum	94-1	5135.51	5111.51	5184.39	5143.80	0.72	ppb
Molybdenum	95-1	5129.49	5116.01	5210.79	5152.10	1.00	ppb
Molybdenum	96-1	5161.92	5128.35	5152.64	5147.63	0.34	ppb
Molybdenum	97-1	5134.48	5170.88	5179.43	5161.60	0.46	ppb
Molybdenum	98-1	5139.08	5128.51	5180.31	5149.30	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.46	479.41	474.31	476.73	0.54	ppb
Phosphorus	31-2	9953.94	10054.72	9791.86	9933.51	1.34	ppb
Potassium	39-2	123548.06	124191.90	123426.07	123722.01	0.33	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				79		%
Selenium	82-1	479.94	480.78	493.43	484.72	1.56	ppb
Selenium	77-2	469.00	468.54	469.89	469.14	0.15	ppb
Selenium	78-2	475.59	486.00	483.82	481.80	1.14	ppb
Silicon	28-1	249.66	251.16	253.07	251.29	0.68	ppb
Silver	107-1	496.16	484.52	489.01	489.90	1.20	ppb
Silver	109-1	497.62	489.32	485.82	490.92	1.23	ppb
Sodium	23-2	251198.29	253316.43	249670.98	251395.23	0.73	ppb
Strontium	86-1	12791.41	12859.74	12789.60	12813.59	0.31	ppb
Strontium	88-1	12642.03	12781.86	12793.53	12739.14	0.66	ppb
Sulfur	34-1	10477.14	10408.59	10435.26	10440.33	0.33	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	513.06	508.06	527.16	516.09	1.92	ppb
Thallium	205-1	522.12	517.61	528.83	522.85	1.08	ppb
Tin	118-1	505.12	505.97	503.12	504.74	0.29	ppb
Titanium	47-1	5096.16	5043.92	5090.02	5076.70	0.56	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:44:56	DataFile Name :	143CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.19	511.48	527.91	517.52	1.75	ppb
Vanadium	51-2	519.13	526.83	508.88	518.28	1.74	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%
Zinc	66-2	4828.67	4906.38	4832.03	4855.69	0.90	ppb
Zirconium	90-1	505.00	517.04	510.52	510.86	1.18	ppb
Zirconium	91-1	513.12	513.59	527.92	518.21	1.62	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:47:40	DataFile Name :	144CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.37	0.48	0.36	32.01	ppb
Antimony	121-1	0.20	0.18	0.17	0.18	8.89	ppb
Arsenic	75-2	-0.01	0.02	0.01	0.01	259.08	ppb
Barium	135-1	0.03	0.02	0.02	0.03	22.58	ppb
Barium	137-1	0.03	0.02	0.03	0.03	17.91	ppb
Beryllium	9-1	0.07	0.04	0.04	0.05	39.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.01	-0.04	0.00		ppb
Cadmium	106-1	-0.76	-1.21	-1.99	-1.32		ppb
Cadmium	111-1	-0.01	-0.01	-0.03	-0.02		ppb
Calcium	43-1	3.09	2.29	2.62	2.67	15.03	ppb
Calcium	44-1	2.46	1.63	1.41	1.83	30.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.00	0.01	156.26	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.08	0.07	0.08	3.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	1.35	1.11	1.08	1.18	12.42	ppb
Iron	57-2	0.01	-0.26	-0.48	-0.24		ppb
Iron	54-2	0.80	1.36	1.00	1.05	26.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:47:40	DataFile Name :	144CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.05	0.06	15.34	ppb
Lead	207-1	0.07	0.05	0.05	0.06	20.34	ppb
Lead	208-1	0.08	0.06	0.05	0.06	22.34	ppb
Lithium	6-1				90		%
Magnesium	24-2	2.24	1.75	1.96	1.98	12.47	ppb
Manganese	55-2	0.07	0.06	0.07	0.07	13.39	ppb
Molybdenum	94-1	0.24	0.16	0.15	0.18	25.78	ppb
Molybdenum	95-1	0.19	0.14	0.14	0.16	20.82	ppb
Molybdenum	96-1	0.20	0.16	0.13	0.16	19.73	ppb
Molybdenum	97-1	0.21	0.16	0.17	0.18	13.15	ppb
Molybdenum	98-1	0.22	0.17	0.16	0.18	17.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.08	-0.03	-0.04		ppb
Phosphorus	31-2	-15.76	-17.05	-18.69	-17.17		ppb
Potassium	39-2	6.01	4.40	4.92	5.11	16.11	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	0.32	0.50	-0.25	0.19	206.70	ppb
Selenium	77-2	0.00	0.00	0.18	0.06	173.21	ppb
Selenium	78-2	-1.71	-1.54	-0.30	-1.18		ppb
Silicon	28-1	-2.43	-3.60	-3.70	-3.24		ppb
Silver	107-1	0.05	0.04	0.03	0.04	19.28	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.25	ppb
Sodium	23-2	13.69	13.17	13.25	13.37	2.09	ppb
Strontium	86-1	-0.11	-0.03	0.36	0.07	349.60	ppb
Strontium	88-1	0.17	0.23	0.16	0.19	20.41	ppb
Sulfur	34-1	88.48	-98.68	-169.98	-60.06		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.03	0.03	0.03	3.34	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	14.66	ppb
Tin	118-1	0.05	0.03	0.04	0.04	19.48	ppb
Titanium	47-1	0.10	0.07	0.07	0.08	17.14	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:47:40	DataFile Name :	144CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	15.29	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	131.27	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	0.16	0.07	0.12	0.12	37.44	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.41	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	12.73	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:51:01	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3628.36	3662.56	3634.83	3641.92	0.50	ppb
Antimony	121-1	4.36	4.62	4.50	4.49	2.89	ppb
Arsenic	75-2	8.29	8.43	8.40	8.37	0.90	ppb
Barium	135-1	82.57	86.26	85.25	84.70	2.25	ppb
Barium	137-1	83.32	87.62	86.33	85.76	2.57	ppb
Beryllium	9-1	0.58	0.66	0.64	0.63	6.75	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.11	3.12	3.38	3.20	4.72	ppb
Cadmium	106-1	1.98	1.79	2.07	1.95	7.28	ppb
Cadmium	111-1	2.53	2.67	2.65	2.61	2.93	ppb
Calcium	43-1	38962.15	40156.40	41120.00	40079.52	2.70	ppb
Calcium	44-1	38480.20	40174.27	40354.73	39669.73	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	586.72	581.88	579.13	582.58	0.66	ppb
Cobalt	59-2	8.28	8.26	8.14	8.23	0.91	ppb
Copper	63-2	47.91	47.88	48.13	47.97	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				104		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	88108.82	87492.10	87212.36	87604.43	0.52	ppb
Iron	57-2	86917.84	86746.68	86803.15	86822.56	0.10	ppb
Iron	54-2	88611.93	87743.33	88253.31	88202.86	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:51:01	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	408.35	427.40	428.76	421.50	2.71	ppb
Lead	207-1	384.64	400.71	408.16	397.84	3.02	ppb
Lead	208-1	392.07	408.67	412.08	404.27	2.65	ppb
Lithium	6-1				95		%
Magnesium	24-2	7456.87	7544.67	7418.91	7473.48	0.86	ppb
Manganese	55-2	4601.61	4575.90	4513.83	4563.78	0.99	ppb
Molybdenum	94-1	11.16	11.69	11.86	11.57	3.18	ppb
Molybdenum	95-1	10.82	10.99	11.04	10.95	1.07	ppb
Molybdenum	96-1	11.19	11.60	11.84	11.55	2.86	ppb
Molybdenum	97-1	10.70	11.13	11.36	11.06	3.04	ppb
Molybdenum	98-1	10.63	11.10	11.07	10.93	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	211.93	212.11	212.40	212.15	0.11	ppb
Phosphorus	31-2	634.39	619.77	612.98	622.38	1.76	ppb
Potassium	39-2	717.68	717.34	712.97	716.00	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	0.28	0.76	0.89	0.64	49.95	ppb
Selenium	77-2	1.34	1.84	2.83	2.00	37.90	ppb
Selenium	78-2	0.37	-0.24	-1.03	-0.30		ppb
Silicon	28-1	380.45	401.84	400.44	394.25	3.04	ppb
Silver	107-1	1.43	1.51	1.47	1.47	2.83	ppb
Silver	109-1	1.42	1.52	1.49	1.48	3.47	ppb
Sodium	23-2	158.46	161.19	159.44	159.70	0.87	ppb
Strontium	86-1	1490.60	1561.63	1564.51	1538.91	2.72	ppb
Strontium	88-1	1570.17	1613.50	1613.98	1599.22	1.57	ppb
Sulfur	34-1	470.02	637.19	617.78	575.00	15.90	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.61	0.66	0.64	0.64	3.82	ppb
Thallium	205-1	0.64	0.66	0.64	0.65	2.04	ppb
Tin	118-1	4.72	4.93	4.89	4.85	2.37	ppb
Titanium	47-1	187.88	196.68	195.59	193.38	2.48	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:51:01	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.40	0.42	0.40	3.81	ppb
Vanadium	51-2	33.94	34.36	33.91	34.07	0.73	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	1077.13	1082.55	1083.01	1080.90	0.30	ppb
Zirconium	90-1	1.38	1.46	1.44	1.43	2.84	ppb
Zirconium	91-1	1.44	1.45	1.50	1.46	2.19	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:54:10	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6998.32	7007.78	6943.26	6983.12	0.50	ppb
Antimony	121-1	1092.76	1112.31	1100.14	1101.74	0.90	ppb
Arsenic	75-2	2867.45	2853.22	2900.18	2873.62	0.84	ppb
Barium	135-1	103.14	104.79	103.42	103.78	0.85	ppb
Barium	137-1	104.24	105.93	105.76	105.31	0.88	ppb
Beryllium	9-1	0.71	0.72	0.68	0.70	2.90	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.13	7.72	7.80	7.55	4.88	ppb
Cadmium	106-1	7.02	7.04	6.13	6.73	7.67	ppb
Cadmium	111-1	4.24	4.29	4.35	4.30	1.30	ppb
Calcium	43-1	24078.71	24419.48	24425.22	24307.80	0.82	ppb
Calcium	44-1	23763.85	23794.86	23932.92	23830.54	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.78	60.49	60.81	60.69	0.29	ppb
Cobalt	59-2	93.43	92.91	92.77	93.03	0.38	ppb
Copper	63-2	1120.73	1101.50	1107.06	1109.76	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	87481.05	87504.15	86749.24	87244.81	0.49	ppb
Iron	57-2	86146.20	85835.03	85476.68	85819.30	0.39	ppb
Iron	54-2	86985.23	87010.75	87442.13	87146.04	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:54:10	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1660.72	1670.33	1659.91	1663.65	0.35	ppb
Lead	207-1	1646.39	1637.61	1652.71	1645.57	0.46	ppb
Lead	208-1	1650.38	1656.13	1654.96	1653.82	0.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	3257.72	3278.98	3272.47	3269.72	0.33	ppb
Manganese	55-2	342.16	347.17	348.40	345.91	0.96	ppb
Molybdenum	94-1	182.19	186.24	183.27	183.90	1.14	ppb
Molybdenum	95-1	200.58	203.34	203.07	202.33	0.75	ppb
Molybdenum	96-1	199.35	204.33	204.75	202.81	1.48	ppb
Molybdenum	97-1	203.27	206.82	204.64	204.91	0.87	ppb
Molybdenum	98-1	209.45	212.03	205.38	208.95	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.29	38.08	38.09	38.15	0.31	ppb
Phosphorus	31-2	490.45	511.15	495.05	498.88	2.18	ppb
Potassium	39-2	1752.50	1759.54	1772.89	1761.64	0.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	1.84	1.54	1.66	1.68	8.87	ppb
Selenium	77-2	3.37	2.59	2.61	2.86	15.61	ppb
Selenium	78-2	0.97	-0.23	1.36	0.70	118.12	ppb
Silicon	28-1	810.16	837.70	842.25	830.04	2.09	ppb
Silver	107-1	2.63	2.65	2.65	2.65	0.51	ppb
Silver	109-1	2.63	2.67	2.66	2.65	0.73	ppb
Sodium	23-2	5608.73	5543.05	5616.64	5589.47	0.72	ppb
Strontium	86-1	2819.82	2890.59	2829.68	2846.70	1.35	ppb
Strontium	88-1	2908.36	2955.39	2918.75	2927.50	0.84	ppb
Sulfur	34-1	1910.69	1880.52	1840.06	1877.09	1.89	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1.86	1.88	1.86	1.87	0.67	ppb
Thallium	205-1	1.86	1.90	1.87	1.88	0.90	ppb
Tin	118-1	241.42	251.18	243.81	245.47	2.07	ppb
Titanium	47-1	359.22	358.66	358.61	358.83	0.09	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:54:10	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.25	2.29	2.28	2.27	0.99	ppb
Vanadium	51-2	22.29	21.74	22.19	22.08	1.33	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5795.72	5766.24	5759.33	5773.77	0.33	ppb
Zirconium	90-1	8.63	8.75	8.66	8.68	0.70	ppb
Zirconium	91-1	9.20	9.48	9.22	9.30	1.65	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:57:15	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6746.63	6869.40	6770.79	6795.61	0.96	ppb
Antimony	121-1	1048.13	1099.52	1104.42	1084.02	2.88	ppb
Arsenic	75-2	2857.34	2878.18	2876.98	2870.83	0.41	ppb
Barium	135-1	97.39	103.90	105.15	102.15	4.08	ppb
Barium	137-1	98.87	105.08	105.82	103.26	3.69	ppb
Beryllium	9-1	0.70	0.73	0.64	0.69	6.45	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.58	7.79	7.55	7.64	1.71	ppb
Cadmium	106-1	6.88	6.88	6.80	6.85	0.70	ppb
Cadmium	111-1	4.07	4.23	4.26	4.19	2.43	ppb
Calcium	43-1	22560.15	23991.80	24130.86	23560.94	3.69	ppb
Calcium	44-1	22116.67	23343.49	23457.89	22972.68	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.12	60.02	59.63	59.59	0.76	ppb
Cobalt	59-2	90.64	91.72	90.36	90.91	0.79	ppb
Copper	63-2	1077.32	1089.96	1082.35	1083.21	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	84739.51	85720.29	85040.97	85166.92	0.59	ppb
Iron	57-2	83120.88	84554.44	83394.16	83689.82	0.91	ppb
Iron	54-2	84393.41	85988.68	84158.50	84846.86	1.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:57:15	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1548.85	1660.38	1650.61	1619.95	3.81	ppb
Lead	207-1	1532.20	1630.82	1611.71	1591.57	3.29	ppb
Lead	208-1	1541.63	1632.30	1632.95	1602.29	3.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	3181.60	3182.19	3193.55	3185.78	0.21	ppb
Manganese	55-2	340.87	343.64	337.27	340.59	0.94	ppb
Molybdenum	94-1	170.36	180.93	182.62	177.97	3.73	ppb
Molybdenum	95-1	189.33	199.65	201.66	196.88	3.36	ppb
Molybdenum	96-1	191.47	204.84	203.31	199.87	3.66	ppb
Molybdenum	97-1	191.18	201.98	202.55	198.57	3.23	ppb
Molybdenum	98-1	197.26	205.86	204.91	202.68	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.09	37.76	37.59	37.48	0.93	ppb
Phosphorus	31-2	468.56	500.58	479.06	482.73	3.38	ppb
Potassium	39-2	1709.43	1727.06	1715.68	1717.39	0.52	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	1.96	1.59	2.01	1.85	12.21	ppb
Selenium	77-2	3.12	3.95	4.51	3.86	18.06	ppb
Selenium	78-2	0.83	0.22	0.32	0.46	71.17	ppb
Silicon	28-1	765.32	818.47	824.27	802.69	4.05	ppb
Silver	107-1	2.54	2.66	2.72	2.64	3.60	ppb
Silver	109-1	2.49	2.68	2.66	2.61	4.04	ppb
Sodium	23-2	5423.89	5467.70	5492.61	5461.40	0.64	ppb
Strontium	86-1	2667.02	2834.89	2830.16	2777.36	3.44	ppb
Strontium	88-1	2736.68	2886.39	2872.61	2831.89	2.92	ppb
Sulfur	34-1	1450.53	1682.01	1752.03	1628.19	9.69	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	1.73	1.87	1.90	1.83	5.13	ppb
Thallium	205-1	1.74	1.90	1.87	1.84	4.55	ppb
Tin	118-1	232.62	249.46	243.28	241.79	3.52	ppb
Titanium	47-1	333.00	355.40	355.82	348.07	3.75	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:57:15	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.10	2.21	2.23	2.18	3.30	ppb
Vanadium	51-2	21.72	21.89	21.76	21.79	0.40	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	5611.39	5712.97	5676.53	5666.96	0.91	ppb
Zirconium	90-1	7.98	8.66	8.81	8.48	5.19	ppb
Zirconium	91-1	8.62	9.28	9.28	9.06	4.18	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:00:16	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1368.52	1353.84	1359.99	1360.78	0.54	ppb
Antimony	121-1	220.78	221.78	223.92	222.16	0.72	ppb
Arsenic	75-2	570.72	577.88	573.27	573.96	0.63	ppb
Barium	135-1	20.53	20.99	21.48	21.00	2.26	ppb
Barium	137-1	20.89	20.92	21.69	21.17	2.14	ppb
Beryllium	9-1	0.09	0.13	0.15	0.12	21.24	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.41	1.52	1.40	1.44	4.60	ppb
Cadmium	106-1	1.60	0.50	0.78	0.96	59.54	ppb
Cadmium	111-1	0.84	0.85	0.87	0.86	1.81	ppb
Calcium	43-1	4780.27	4893.59	4845.86	4839.90	1.18	ppb
Calcium	44-1	4694.95	4692.09	4723.80	4703.61	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.12	12.08	11.85	12.02	1.20	ppb
Cobalt	59-2	18.66	18.69	18.62	18.65	0.18	ppb
Copper	63-2	221.71	220.02	219.68	220.47	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	17323.37	17130.26	17133.33	17195.65	0.64	ppb
Iron	57-2	17434.44	17173.84	17157.03	17255.10	0.90	ppb
Iron	54-2	17523.11	17381.87	17341.50	17415.49	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:00:16	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	335.35	334.89	336.31	335.52	0.22	ppb
Lead	207-1	328.50	330.55	329.31	329.46	0.31	ppb
Lead	208-1	330.50	329.36	329.87	329.91	0.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	624.78	623.78	622.99	623.85	0.14	ppb
Manganese	55-2	67.58	67.41	66.60	67.19	0.78	ppb
Molybdenum	94-1	36.44	36.76	36.44	36.55	0.51	ppb
Molybdenum	95-1	40.47	40.33	40.08	40.29	0.50	ppb
Molybdenum	96-1	39.94	40.11	39.94	39.99	0.25	ppb
Molybdenum	97-1	40.63	41.06	40.87	40.85	0.53	ppb
Molybdenum	98-1	41.09	40.56	40.38	40.68	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.84	7.68	7.68	7.74	1.23	ppb
Phosphorus	31-2	88.17	80.05	86.89	85.04	5.13	ppb
Potassium	39-2	351.00	348.41	349.26	349.56	0.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.54	0.43	0.40	0.45	16.55	ppb
Selenium	77-2	0.77	0.94	0.62	0.78	20.45	ppb
Selenium	78-2	-1.25	1.12	-1.06	-0.40		ppb
Silicon	28-1	165.16	174.15	168.04	169.12	2.72	ppb
Silver	107-1	0.54	0.54	0.54	0.54	0.65	ppb
Silver	109-1	0.54	0.53	0.54	0.54	1.44	ppb
Sodium	23-2	1077.39	1072.57	1071.31	1073.75	0.30	ppb
Strontium	86-1	571.19	576.78	567.87	571.95	0.79	ppb
Strontium	88-1	565.49	564.92	567.18	565.86	0.21	ppb
Sulfur	34-1	28.38	125.80	55.90	70.03	71.72	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.38	0.37	0.36	0.37	2.24	ppb
Thallium	205-1	0.36	0.37	0.36	0.36	2.21	ppb
Tin	118-1	47.26	48.69	48.22	48.06	1.52	ppb
Titanium	47-1	70.44	71.67	70.60	70.91	0.94	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:00:16	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.45	0.45	0.45	0.45	0.36	ppb
Vanadium	51-2	4.49	4.37	4.24	4.37	2.83	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1154.11	1150.20	1146.87	1150.39	0.31	ppb
Zirconium	90-1	1.71	1.73	1.73	1.72	0.51	ppb
Zirconium	91-1	1.79	1.82	1.75	1.79	2.18	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:03:25	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4190.56	4230.64	4131.67	4184.29	1.19	ppb
Antimony	121-1	63.91	64.75	63.55	64.07	0.96	ppb
Arsenic	75-2	214.57	217.66	216.49	216.24	0.72	ppb
Barium	135-1	241.91	241.34	238.63	240.63	0.73	ppb
Barium	137-1	245.39	245.19	242.20	244.26	0.73	ppb
Beryllium	9-1	5.31	5.29	5.23	5.28	0.78	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	47.72	48.80	46.94	47.82	1.95	ppb
Cadmium	106-1	46.63	46.82	46.59	46.68	0.26	ppb
Cadmium	111-1	50.32	50.12	49.04	49.83	1.38	ppb
Calcium	43-1	14020.50	14247.49	14132.57	14133.52	0.80	ppb
Calcium	44-1	13654.77	13702.95	13879.19	13745.64	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.24	33.98	33.91	33.71	1.21	ppb
Cobalt	59-2	66.51	67.29	67.91	67.24	1.05	ppb
Copper	63-2	280.39	278.55	274.27	277.73	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				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	15955.08	15981.45	16001.40	15979.31	0.15	ppb
Iron	57-2	15925.14	15861.73	15951.58	15912.82	0.29	ppb
Iron	54-2	15998.22	16102.19	16019.66	16040.02	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:03:25	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	262.21	265.75	264.09	264.01	0.67	ppb
Lead	207-1	254.82	258.88	252.99	255.56	1.18	ppb
Lead	208-1	257.53	259.64	256.21	257.79	0.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	2746.28	2733.68	2706.33	2728.76	0.75	ppb
Manganese	55-2	181.17	183.42	181.18	181.92	0.71	ppb
Molybdenum	94-1	6.25	6.23	6.24	6.24	0.20	ppb
Molybdenum	95-1	4.39	4.30	4.25	4.31	1.67	ppb
Molybdenum	96-1	4.68	4.71	4.58	4.66	1.52	ppb
Molybdenum	97-1	4.51	4.50	4.37	4.46	1.71	ppb
Molybdenum	98-1	4.43	4.36	4.39	4.39	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.21	62.94	62.50	62.55	0.59	ppb
Phosphorus	31-2	456.09	444.59	420.76	440.48	4.09	ppb
Potassium	39-2	1061.30	1081.95	1068.67	1070.64	0.98	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	113.38	112.19	114.13	113.23	0.86	ppb
Selenium	77-2	107.31	108.20	122.35	112.62	7.50	ppb
Selenium	78-2	110.03	118.74	117.63	115.46	4.10	ppb
Silicon	28-1	137.97	163.58	146.70	149.42	8.71	ppb
Silver	107-1	5.76	5.89	5.70	5.78	1.66	ppb
Silver	109-1	5.86	5.79	5.67	5.77	1.70	ppb
Sodium	23-2	5878.82	5888.74	5923.68	5897.08	0.40	ppb
Strontium	86-1	2579.79	2529.29	2556.39	2555.16	0.99	ppb
Strontium	88-1	2642.48	2596.51	2588.58	2609.19	1.12	ppb
Sulfur	34-1	1532.11	1669.55	1704.56	1635.41	5.57	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	84.68	86.20	84.66	85.18	1.04	ppb
Thallium	205-1	88.88	87.96	88.30	88.38	0.52	ppb
Tin	118-1	18.79	18.85	18.56	18.73	0.81	ppb
Titanium	47-1	247.40	252.46	252.88	250.91	1.22	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:03:25	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.65	0.65	0.65	0.35	ppb
Vanadium	51-2	68.00	67.82	68.33	68.05	0.38	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	889.79	901.74	890.99	894.17	0.74	ppb
Zirconium	90-1	1.42	1.41	1.46	1.43	1.69	ppb
Zirconium	91-1	1.50	1.45	1.45	1.47	2.08	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:06:31	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2705.88	2697.56	2735.73	2713.06	0.74	ppb
Antimony	121-1	454.99	455.93	449.02	453.31	0.83	ppb
Arsenic	75-2	1122.97	1114.79	1124.10	1120.62	0.45	ppb
Barium	135-1	40.97	40.94	40.77	40.89	0.27	ppb
Barium	137-1	41.44	41.81	41.90	41.72	0.58	ppb
Beryllium	9-1	0.25	0.25	0.31	0.27	12.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.37	2.90	3.91	3.39	14.99	ppb
Cadmium	106-1	3.58	3.10	2.52	3.07	17.33	ppb
Cadmium	111-1	1.74	1.79	1.69	1.74	2.71	ppb
Calcium	43-1	9648.35	9700.66	9747.43	9698.81	0.51	ppb
Calcium	44-1	9405.70	9442.58	9472.83	9440.37	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.97	23.97	23.90	23.95	0.16	ppb
Cobalt	59-2	37.19	36.62	37.12	36.98	0.84	ppb
Copper	63-2	452.28	448.69	450.57	450.51	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	34239.91	34067.70	33936.58	34081.39	0.45	ppb
Iron	57-2	34056.54	33997.80	33613.82	33889.39	0.71	ppb
Iron	54-2	34581.41	34138.98	34451.52	34390.64	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:06:31	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	660.23	653.68	658.44	657.45	0.51	ppb
Lead	207-1	651.99	642.97	649.09	648.02	0.71	ppb
Lead	208-1	655.07	644.96	650.61	650.21	0.78	ppb
Lithium	6-1				96		%
Magnesium	24-2	1233.93	1233.10	1248.42	1238.48	0.70	ppb
Manganese	55-2	134.56	133.46	134.62	134.21	0.49	ppb
Molybdenum	94-1	72.01	73.00	72.51	72.51	0.68	ppb
Molybdenum	95-1	79.56	80.34	79.68	79.86	0.52	ppb
Molybdenum	96-1	79.64	80.73	79.13	79.83	1.02	ppb
Molybdenum	97-1	80.32	81.80	80.00	80.71	1.19	ppb
Molybdenum	98-1	79.65	81.74	80.36	80.58	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.44	15.40	15.71	15.52	1.10	ppb
Phosphorus	31-2	196.64	190.04	202.36	196.35	3.14	ppb
Potassium	39-2	704.19	692.62	699.23	698.68	0.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.77	1.30	0.84	0.97	29.48	ppb
Selenium	77-2	2.42	1.96	0.91	1.76	43.90	ppb
Selenium	78-2	0.60	0.93	-0.16	0.46	122.56	ppb
Silicon	28-1	315.31	316.98	309.52	313.94	1.25	ppb
Silver	107-1	1.09	1.15	1.10	1.11	3.04	ppb
Silver	109-1	1.12	1.13	1.11	1.12	1.01	ppb
Sodium	23-2	2269.31	2257.57	2270.43	2265.77	0.31	ppb
Strontium	86-1	1124.73	1166.87	1138.48	1143.36	1.88	ppb
Strontium	88-1	1157.09	1164.19	1169.50	1163.59	0.53	ppb
Sulfur	34-1	645.34	611.51	578.99	611.95	5.42	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.76	0.76	0.76	0.76	0.34	ppb
Thallium	205-1	0.78	0.76	0.75	0.76	1.83	ppb
Tin	118-1	97.03	97.83	97.25	97.37	0.42	ppb
Titanium	47-1	141.39	141.43	139.15	140.66	0.93	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:06:31	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.88	0.88	0.89	1.48	ppb
Vanadium	51-2	8.77	8.67	8.90	8.78	1.32	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2281.68	2293.15	2314.67	2296.50	0.73	ppb
Zirconium	90-1	3.43	3.48	3.37	3.43	1.58	ppb
Zirconium	91-1	3.74	3.75	3.72	3.74	0.34	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:09:39	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2675.96	2682.94	2676.49	2678.46	0.15	ppb
Antimony	121-1	450.69	455.82	452.23	452.91	0.58	ppb
Arsenic	75-2	1120.21	1138.73	1135.14	1131.36	0.87	ppb
Barium	135-1	40.40	40.98	41.33	40.91	1.15	ppb
Barium	137-1	41.06	41.47	41.79	41.44	0.88	ppb
Beryllium	9-1	0.27	0.25	0.26	0.26	4.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.17	3.25	3.13	3.18	2.00	ppb
Cadmium	106-1	2.92	2.56	2.96	2.81	7.92	ppb
Cadmium	111-1	1.73	1.64	1.64	1.67	3.31	ppb
Calcium	43-1	9541.58	9817.09	9691.76	9683.48	1.42	ppb
Calcium	44-1	9289.98	9384.56	9522.31	9398.95	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.87	23.62	24.01	23.83	0.82	ppb
Cobalt	59-2	36.55	36.51	36.58	36.55	0.09	ppb
Copper	63-2	449.03	441.09	454.62	448.25	1.52	ppb
Dysprosium	156-1						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				107		%
Indium	115-2				103		%
Iron	56-2	33561.64	34011.08	33801.58	33791.43	0.67	ppb
Iron	57-2	33689.56	33843.85	33590.18	33707.87	0.38	ppb
Iron	54-2	34344.30	34146.01	34183.65	34224.65	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:09:39	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	642.34	656.32	656.76	651.81	1.26	ppb
Lead	207-1	633.49	647.83	648.90	643.41	1.34	ppb
Lead	208-1	635.02	651.60	650.28	645.64	1.43	ppb
Lithium	6-1				97		%
Magnesium	24-2	1222.82	1228.34	1234.53	1228.56	0.48	ppb
Manganese	55-2	133.34	133.83	132.87	133.35	0.36	ppb
Molybdenum	94-1	70.99	72.08	72.57	71.88	1.12	ppb
Molybdenum	95-1	78.63	79.58	80.09	79.43	0.94	ppb
Molybdenum	96-1	78.41	79.25	79.53	79.06	0.74	ppb
Molybdenum	97-1	79.46	80.28	80.89	80.21	0.89	ppb
Molybdenum	98-1	79.31	80.64	80.77	80.24	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.46	15.13	15.25	15.28	1.09	ppb
Phosphorus	31-2	192.92	195.54	203.32	197.26	2.74	ppb
Potassium	39-2	692.35	700.16	700.46	697.66	0.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.86	0.75	0.63	0.75	15.46	ppb
Selenium	77-2	1.67	1.54	0.77	1.32	36.50	ppb
Selenium	78-2	-0.32	0.25	1.30	0.41	200.05	ppb
Silicon	28-1	315.67	315.67	318.30	316.55	0.48	ppb
Silver	107-1	1.09	1.12	1.12	1.11	1.34	ppb
Silver	109-1	1.07	1.10	1.12	1.10	1.92	ppb
Sodium	23-2	2258.49	2285.36	2257.90	2267.25	0.69	ppb
Strontium	86-1	1126.75	1138.97	1136.90	1134.21	0.58	ppb
Strontium	88-1	1143.26	1179.78	1163.15	1162.06	1.57	ppb
Sulfur	34-1	500.27	629.30	595.16	574.91	11.63	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.73	0.74	0.73	0.73	0.86	ppb
Thallium	205-1	0.71	0.73	0.73	0.72	1.55	ppb
Tin	118-1	95.59	96.62	97.34	96.52	0.91	ppb
Titanium	47-1	138.88	142.23	142.06	141.06	1.34	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:09:39	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.89	0.89	1.28	ppb
Vanadium	51-2	8.67	8.75	8.75	8.72	0.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	2288.35	2304.18	2302.62	2298.38	0.38	ppb
Zirconium	90-1	3.39	3.46	3.42	3.42	1.00	ppb
Zirconium	91-1	3.72	3.66	3.77	3.72	1.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL2X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 00:12:46	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	542.19	539.92	549.37	543.83	0.91	ppb
Antimony	121-1	85.75	85.65	88.01	86.47	1.55	ppb
Arsenic	75-2	229.06	227.75	228.93	228.58	0.31	ppb
Barium	135-1	8.07	8.01	8.16	8.08	0.93	ppb
Barium	137-1	8.21	8.28	8.33	8.27	0.72	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	20.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.71	0.61	0.61	16.39	ppb
Cadmium	106-1	0.93	-0.03	0.21	0.37	135.05	ppb
Cadmium	111-1	0.33	0.31	0.34	0.33	4.24	ppb
Calcium	43-1	1918.98	1967.22	1965.93	1950.71	1.41	ppb
Calcium	44-1	1904.23	1966.87	1963.58	1944.89	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.91	4.74	4.96	4.87	2.30	ppb
Cobalt	59-2	7.41	7.41	7.37	7.39	0.32	ppb
Copper	63-2	88.43	87.87	88.97	88.42	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	6800.48	6806.42	6834.56	6813.82	0.27	ppb
Iron	57-2	6825.61	6795.58	6878.30	6833.17	0.61	ppb
Iron	54-2	6928.83	6836.88	6832.34	6866.02	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL2X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 00:12:46	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	122.81	128.11	125.44	125.45	2.12	ppb
Lead	207-1	120.53	124.48	123.53	122.85	1.67	ppb
Lead	208-1	124.93	128.54	126.65	126.70	1.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	250.20	246.74	250.95	249.30	0.90	ppb
Manganese	55-2	27.23	27.06	27.39	27.22	0.61	ppb
Molybdenum	94-1	14.25	14.63	14.58	14.48	1.43	ppb
Molybdenum	95-1	15.76	16.18	15.89	15.94	1.34	ppb
Molybdenum	96-1	15.81	16.23	15.79	15.94	1.55	ppb
Molybdenum	97-1	15.96	16.20	16.17	16.11	0.81	ppb
Molybdenum	98-1	15.94	16.13	16.10	16.06	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.40	3.39	3.34	3.37	0.99	ppb
Phosphorus	31-2	24.94	27.44	21.60	24.66	11.87	ppb
Potassium	39-2	138.05	135.65	140.22	137.97	1.66	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.58	0.14	0.72	0.48	62.93	ppb
Selenium	77-2	0.15	0.15	0.61	0.31	86.52	ppb
Selenium	78-2	-0.16	-0.31	-0.22	-0.23		ppb
Silicon	28-1	65.59	67.51	68.60	67.23	2.27	ppb
Silver	107-1	0.22	0.23	0.21	0.22	3.76	ppb
Silver	109-1	0.21	0.19	0.23	0.21	8.08	ppb
Sodium	23-2	433.90	431.44	433.77	433.03	0.32	ppb
Strontium	86-1	224.89	227.53	223.43	225.28	0.92	ppb
Strontium	88-1	220.87	229.20	227.87	225.98	1.98	ppb
Sulfur	34-1	-176.23	-72.10	-63.64	-103.99		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.14	0.13	0.13	4.88	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	1.50	ppb
Tin	118-1	19.08	19.10	19.35	19.18	0.80	ppb
Titanium	47-1	27.59	28.90	28.37	28.29	2.33	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL2X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 00:12:46	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.18	0.18	0.18	1.57	ppb
Vanadium	51-2	1.70	1.75	1.76	1.74	1.90	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	451.78	450.00	453.76	451.85	0.42	ppb
Zirconium	90-1	0.65	0.69	0.67	0.67	2.53	ppb
Zirconium	91-1	0.72	0.72	0.74	0.73	1.30	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:16:06	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2701.23	2692.20	2702.30	2698.58	0.21	ppb
Antimony	121-1	431.41	437.42	443.11	437.31	1.34	ppb
Arsenic	75-2	1119.33	1130.84	1136.91	1129.02	0.79	ppb
Barium	135-1	116.77	116.10	118.92	117.26	1.26	ppb
Barium	137-1	118.48	117.52	120.63	118.88	1.34	ppb
Beryllium	9-1	2.30	2.40	2.29	2.33	2.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	22.32	21.40	22.56	22.09	2.78	ppb
Cadmium	106-1	21.53	22.41	21.87	21.94	2.04	ppb
Cadmium	111-1	21.32	21.34	22.07	21.58	1.99	ppb
Calcium	43-1	9334.40	9384.66	9453.30	9390.79	0.64	ppb
Calcium	44-1	9126.71	9112.22	9175.00	9137.98	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.18	30.86	31.22	31.09	0.63	ppb
Cobalt	59-2	55.91	56.14	55.67	55.91	0.42	ppb
Copper	63-2	443.93	437.01	439.46	440.13	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				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	33045.11	33048.82	32634.16	32909.36	0.72	ppb
Iron	57-2	32677.72	32438.04	32138.10	32417.95	0.83	ppb
Iron	54-2	33471.98	33157.00	33117.91	33248.96	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:16:06	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	669.25	670.54	673.80	671.20	0.35	ppb
Lead	207-1	660.15	651.00	655.32	655.49	0.70	ppb
Lead	208-1	663.26	661.25	661.17	661.90	0.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	1202.17	1196.77	1195.40	1198.11	0.30	ppb
Manganese	55-2	149.38	147.87	147.91	148.39	0.58	ppb
Molybdenum	94-1	70.31	70.23	70.53	70.36	0.22	ppb
Molybdenum	95-1	78.45	77.15	77.95	77.85	0.85	ppb
Molybdenum	96-1	77.27	76.54	77.76	77.19	0.80	ppb
Molybdenum	97-1	78.05	78.08	78.86	78.33	0.59	ppb
Molybdenum	98-1	78.71	77.95	78.85	78.50	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.37	35.34	35.37	35.36	0.05	ppb
Phosphorus	31-2	209.49	193.47	184.53	195.83	6.46	ppb
Potassium	39-2	680.03	677.82	677.61	678.49	0.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	46.04	45.75	45.81	45.87	0.34	ppb
Selenium	77-2	47.18	51.94	45.45	48.19	6.97	ppb
Selenium	78-2	45.37	45.69	46.05	45.70	0.74	ppb
Silicon	28-1	297.07	326.24	306.02	309.78	4.82	ppb
Silver	107-1	3.07	3.11	3.21	3.13	2.38	ppb
Silver	109-1	3.04	3.09	3.17	3.10	2.03	ppb
Sodium	23-2	2208.58	2202.53	2165.36	2192.16	1.07	ppb
Strontium	86-1	1115.40	1092.56	1106.93	1104.96	1.05	ppb
Strontium	88-1	1127.08	1110.04	1130.60	1122.57	0.98	ppb
Sulfur	34-1	513.37	497.81	534.93	515.37	3.62	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	35.11	34.77	34.83	34.91	0.53	ppb
Thallium	205-1	34.98	34.42	35.04	34.81	0.98	ppb
Tin	118-1	93.57	93.07	95.71	94.12	1.49	ppb
Titanium	47-1	137.97	136.87	138.19	137.68	0.51	ppb

500

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:16:06	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.87	0.87	0.87	0.34	ppb
Vanadium	51-2	28.87	28.38	28.17	28.47	1.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2239.54	2254.11	2211.76	2235.14	0.96	ppb
Zirconium	90-1	3.29	3.28	3.34	3.30	0.93	ppb
Zirconium	91-1	3.54	3.67	3.58	3.60	1.87	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:19:13	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1339.05	1337.92	1342.35	1339.77	0.17	ppb
Antimony	121-1	220.83	231.33	223.45	225.21	2.43	ppb
Arsenic	75-2	562.37	566.15	566.48	565.00	0.40	ppb
Barium	135-1	19.99	20.38	20.22	20.20	0.98	ppb
Barium	137-1	20.54	20.81	20.58	20.64	0.72	ppb
Beryllium	9-1	0.10	0.11	0.13	0.12	13.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.29	1.57	1.48	11.27	ppb
Cadmium	106-1	2.46	1.06	1.41	1.64	44.29	ppb
Cadmium	111-1	0.85	0.87	0.82	0.85	3.12	ppb
Calcium	43-1	4701.65	4827.26	4755.35	4761.42	1.32	ppb
Calcium	44-1	4612.93	4567.36	4682.55	4620.95	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.59	11.90	11.95	11.81	1.63	ppb
Cobalt	59-2	18.18	18.21	18.12	18.17	0.24	ppb
Copper	63-2	216.62	216.84	217.52	216.99	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	16759.22	16884.62	16859.04	16834.29	0.39	ppb
Iron	57-2	16467.04	16940.25	16647.37	16684.89	1.43	ppb
Iron	54-2	16759.03	16950.50	16971.78	16893.77	0.69	ppb
Krypton	83-1						cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:19:13	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	325.84	328.21	324.06	326.04	0.64	ppb
Lead	207-1	324.98	323.61	325.86	324.82	0.35	ppb
Lead	208-1	325.23	323.77	323.71	324.24	0.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	616.42	617.55	617.16	617.04	0.09	ppb
Manganese	55-2	65.72	66.16	66.19	66.02	0.40	ppb
Molybdenum	94-1	35.98	35.87	36.47	36.11	0.88	ppb
Molybdenum	95-1	39.01	39.16	39.79	39.32	1.04	ppb
Molybdenum	96-1	38.67	38.93	39.66	39.08	1.31	ppb
Molybdenum	97-1	39.52	40.05	40.02	39.86	0.75	ppb
Molybdenum	98-1	39.02	39.66	40.50	39.73	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.13	7.42	7.60	7.38	3.25	ppb
Phosphorus	31-2	96.25	85.07	91.16	90.83	6.16	ppb
Potassium	39-2	344.16	347.51	344.77	345.48	0.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.44	0.50	0.89	0.61	39.98	ppb
Selenium	77-2	0.30	0.31	0.62	0.41	43.87	ppb
Selenium	78-2	0.13	0.27	-1.37	-0.33		ppb
Silicon	28-1	156.12	163.60	155.78	158.50	2.79	ppb
Silver	107-1	0.53	0.54	0.57	0.55	3.51	ppb
Silver	109-1	0.52	0.55	0.55	0.54	3.77	ppb
Sodium	23-2	1054.89	1051.28	1057.60	1054.59	0.30	ppb
Strontium	86-1	554.03	562.66	573.87	563.52	1.77	ppb
Strontium	88-1	549.06	558.37	569.43	558.95	1.83	ppb
Sulfur	34-1	46.54	70.92	82.54	66.67	27.56	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.38	0.37	0.38	0.38	0.47	ppb
Thallium	205-1	0.37	0.37	0.36	0.37	2.33	ppb
Tin	118-1	47.45	48.48	48.43	48.12	1.21	ppb
Titanium	47-1	68.69	69.37	69.31	69.13	0.54	ppb

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:19:13	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.44	0.44	0.44	1.98	ppb
Vanadium	51-2	4.20	4.46	4.33	4.33	2.90	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1112.13	1106.41	1109.00	1109.18	0.26	ppb
Zirconium	90-1	1.68	1.68	1.68	1.68	0.23	ppb
Zirconium	91-1	1.80	1.77	1.84	1.80	1.91	ppb

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:22:27	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1360.65	1364.13	1375.01	1366.60	0.55	ppb
Antimony	121-1	222.88	226.65	233.71	227.74	2.41	ppb
Arsenic	75-2	571.33	572.92	577.64	573.96	0.57	ppb
Barium	135-1	20.12	20.79	20.99	20.63	2.19	ppb
Barium	137-1	20.31	21.28	21.56	21.05	3.11	ppb
Beryllium	9-1	0.11	0.15	0.12	0.12	16.98	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.59	1.66	1.59	4.22	ppb
Cadmium	106-1	1.51	1.60	0.86	1.32	30.75	ppb
Cadmium	111-1	0.89	0.86	0.86	0.87	1.86	ppb
Calcium	43-1	4713.11	4901.64	4939.48	4851.41	2.50	ppb
Calcium	44-1	4667.08	4806.39	4780.47	4751.31	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.85	12.13	12.15	12.04	1.40	ppb
Cobalt	59-2	18.34	18.48	18.55	18.46	0.57	ppb
Copper	63-2	219.19	219.28	223.40	220.62	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	16978.49	17164.36	17249.12	17130.66	0.81	ppb
Iron	57-2	16743.34	17101.40	16933.80	16926.18	1.06	ppb
Iron	54-2	17221.90	17319.10	17155.11	17232.04	0.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:22:27	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	325.45	326.34	328.22	326.67	0.43	ppb
Lead	207-1	321.69	329.43	325.68	325.60	1.19	ppb
Lead	208-1	324.62	327.22	324.75	325.53	0.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	622.39	628.20	630.02	626.87	0.64	ppb
Manganese	55-2	66.71	67.33	67.77	67.27	0.79	ppb
Molybdenum	94-1	36.07	36.40	36.96	36.48	1.23	ppb
Molybdenum	95-1	39.83	40.20	41.06	40.36	1.56	ppb
Molybdenum	96-1	39.89	40.51	40.97	40.46	1.33	ppb
Molybdenum	97-1	39.82	40.76	41.27	40.61	1.81	ppb
Molybdenum	98-1	40.07	40.25	41.30	40.54	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.60	7.65	7.73	7.66	0.85	ppb
Phosphorus	31-2	85.52	85.44	84.20	85.05	0.87	ppb
Potassium	39-2	346.66	350.44	354.89	350.67	1.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1.03	0.52	0.85	0.80	32.56	ppb
Selenium	77-2	0.91	0.91	0.62	0.81	20.67	ppb
Selenium	78-2	0.12	1.03	0.21	0.45	110.22	ppb
Silicon	28-1	155.01	163.07	164.95	161.01	3.28	ppb
Silver	107-1	0.53	0.54	0.56	0.55	2.83	ppb
Silver	109-1	0.53	0.55	0.56	0.55	2.21	ppb
Sodium	23-2	1064.89	1075.75	1082.04	1074.23	0.81	ppb
Strontium	86-1	566.54	573.68	583.65	574.62	1.50	ppb
Strontium	88-1	567.86	570.28	577.02	571.72	0.83	ppb
Sulfur	34-1	66.97	170.55	169.12	135.55	43.82	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.34	0.36	0.39	0.36	5.62	ppb
Thallium	205-1	0.35	0.36	0.36	0.36	1.07	ppb
Tin	118-1	47.44	49.57	49.65	48.89	2.56	ppb
Titanium	47-1	69.87	70.72	72.10	70.90	1.59	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:22:27	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.45	0.44	0.44	2.43	ppb
Vanadium	51-2	4.38	4.47	4.41	4.42	1.06	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1120.54	1132.15	1147.72	1133.47	1.20	ppb
Zirconium	90-1	1.68	1.69	1.71	1.70	1.00	ppb
Zirconium	91-1	1.87	1.86	1.90	1.87	1.09	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL3X50	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	50
Date & Time Acquired :	2024-12-28 00:25:37	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	263.86	264.80	268.02	265.56	0.82	ppb
Antimony	121-1	41.98	43.25	42.19	42.47	1.60	ppb
Arsenic	75-2	110.60	110.48	111.80	110.96	0.66	ppb
Barium	135-1	3.95	4.08	3.94	3.99	1.94	ppb
Barium	137-1	4.02	4.04	4.09	4.05	0.81	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	112.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.32	0.28	0.30	5.97	ppb
Cadmium	106-1	0.65	1.66	-0.02	0.76	111.23	ppb
Cadmium	111-1	0.21	0.20	0.15	0.19	16.03	ppb
Calcium	43-1	939.64	937.03	926.90	934.52	0.72	ppb
Calcium	44-1	935.56	940.73	937.91	938.07	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.25	2.30	2.28	2.28	1.18	ppb
Cobalt	59-2	3.58	3.59	3.55	3.57	0.62	ppb
Copper	63-2	42.84	42.56	42.55	42.65	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	3322.41	3306.48	3313.15	3314.01	0.24	ppb
Iron	57-2	3294.48	3321.68	3291.29	3302.48	0.51	ppb
Iron	54-2	3366.36	3362.84	3353.32	3360.84	0.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL3X50	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	50
Date & Time Acquired :	2024-12-28 00:25:37	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.76	60.81	61.90	61.16	1.05	ppb
Lead	207-1	59.07	59.33	59.96	59.45	0.77	ppb
Lead	208-1	59.74	59.83	60.28	59.95	0.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	120.10	119.91	120.06	120.02	0.08	ppb
Manganese	55-2	13.16	13.08	13.06	13.10	0.39	ppb
Molybdenum	94-1	6.89	7.11	6.90	6.97	1.78	ppb
Molybdenum	95-1	7.68	7.79	7.83	7.77	1.01	ppb
Molybdenum	96-1	7.76	7.62	7.80	7.73	1.19	ppb
Molybdenum	97-1	7.77	7.78	8.09	7.88	2.27	ppb
Molybdenum	98-1	7.72	7.84	7.85	7.80	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.41	1.44	1.44	2.53	ppb
Phosphorus	31-2	3.12	4.54	2.09	3.25	37.89	ppb
Potassium	39-2	67.82	66.94	68.81	67.86	1.37	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.33	0.12	0.04	0.16	92.49	ppb
Selenium	77-2	0.15	0.15	0.15	0.15	0.56	ppb
Selenium	78-2	0.56	0.09	1.00	0.55	83.18	ppb
Silicon	28-1	35.71	36.82	38.36	36.96	3.60	ppb
Silver	107-1	0.10	0.12	0.11	0.11	7.75	ppb
Silver	109-1	0.10	0.11	0.11	0.10	6.71	ppb
Sodium	23-2	211.11	209.97	209.62	210.23	0.37	ppb
Strontium	86-1	109.92	111.99	111.53	111.15	0.98	ppb
Strontium	88-1	109.97	110.50	110.47	110.31	0.27	ppb
Sulfur	34-1	-208.91	-151.21	-201.13	-187.08		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.07	0.06	6.84	ppb
Thallium	205-1	0.06	0.07	0.07	0.06	7.41	ppb
Tin	118-1	9.36	9.74	9.50	9.53	2.01	ppb
Titanium	47-1	13.64	13.84	13.81	13.76	0.80	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL3X50	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	50
Date & Time Acquired :	2024-12-28 00:25:37	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.08	0.08	0.08	1.47	ppb
Vanadium	51-2	0.84	0.85	0.81	0.84	2.45	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	219.41	217.24	219.99	218.88	0.66	ppb
Zirconium	90-1	0.33	0.33	0.34	0.33	2.77	ppb
Zirconium	91-1	0.35	0.36	0.34	0.35	3.43	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:28:59	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1344.41	1338.49	1370.74	1351.21	1.27	ppb
Antimony	121-1	212.29	218.68	218.17	216.38	1.64	ppb
Arsenic	75-2	566.37	561.97	577.88	568.74	1.44	ppb
Barium	135-1	57.34	58.70	58.16	58.07	1.18	ppb
Barium	137-1	58.33	59.35	59.00	58.89	0.88	ppb
Beryllium	9-1	1.07	1.07	1.07	1.07	0.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.60	11.46	10.97	11.01	3.88	ppb
Cadmium	106-1	10.96	11.05	9.72	10.58	6.98	ppb
Cadmium	111-1	10.56	10.80	10.73	10.70	1.16	ppb
Calcium	43-1	4596.30	4602.61	4668.84	4622.58	0.87	ppb
Calcium	44-1	4443.19	4572.21	4527.45	4514.28	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.36	15.63	15.47	15.49	0.87	ppb
Cobalt	59-2	27.57	28.22	27.49	27.76	1.45	ppb
Copper	63-2	213.55	217.64	217.44	216.21	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	16224.42	16468.13	16342.01	16344.86	0.75	ppb
Iron	57-2	16120.27	16349.04	16160.75	16210.02	0.75	ppb
Iron	54-2	16589.34	16682.53	16556.06	16609.31	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:28:59	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	327.56	329.54	337.11	331.40	1.52	ppb
Lead	207-1	325.00	329.36	327.15	327.17	0.67	ppb
Lead	208-1	324.84	329.39	331.88	328.70	1.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	597.26	606.08	605.34	602.89	0.81	ppb
Manganese	55-2	73.70	74.14	73.52	73.78	0.43	ppb
Molybdenum	94-1	35.03	34.97	36.02	35.34	1.67	ppb
Molybdenum	95-1	38.57	39.15	39.52	39.08	1.22	ppb
Molybdenum	96-1	38.47	38.66	39.42	38.85	1.30	ppb
Molybdenum	97-1	38.97	38.85	40.01	39.27	1.62	ppb
Molybdenum	98-1	39.06	39.12	39.95	39.38	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.25	17.59	18.09	17.65	2.38	ppb
Phosphorus	31-2	89.03	84.04	81.67	84.92	4.42	ppb
Potassium	39-2	331.17	335.36	337.51	334.68	0.96	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	22.46	23.54	23.08	23.03	2.34	ppb
Selenium	77-2	23.19	20.81	23.67	22.55	6.80	ppb
Selenium	78-2	21.14	20.64	24.34	22.04	9.10	ppb
Silicon	28-1	148.99	152.58	159.67	153.75	3.54	ppb
Silver	107-1	1.50	1.56	1.54	1.53	1.83	ppb
Silver	109-1	1.50	1.50	1.50	1.50	0.19	ppb
Sodium	23-2	1023.66	1030.31	1030.85	1028.28	0.39	ppb
Strontium	86-1	551.77	550.30	561.78	554.62	1.13	ppb
Strontium	88-1	542.21	547.51	556.46	548.73	1.31	ppb
Sulfur	34-1	104.18	199.60	203.15	168.97	33.23	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	16.95	17.38	17.35	17.23	1.38	ppb
Thallium	205-1	16.84	17.23	17.43	17.16	1.74	ppb
Tin	118-1	45.85	46.48	46.85	46.39	1.08	ppb
Titanium	47-1	66.53	68.37	67.06	67.32	1.41	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:28:59	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.44	0.42	0.43	2.40	ppb
Vanadium	51-2	14.04	14.13	14.04	14.07	0.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1085.32	1100.36	1094.56	1093.41	0.69	ppb
Zirconium	90-1	1.63	1.65	1.67	1.65	1.31	ppb
Zirconium	91-1	1.76	1.75	1.79	1.77	1.30	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:32:09	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5198.32	5354.53	5332.89	5295.25	1.60	ppb
Antimony	121-1	330.69	380.84	381.31	364.28	7.99	ppb
Arsenic	75-2	535.92	537.72	535.45	536.36	0.22	ppb
Barium	135-1	41.53	47.96	48.28	45.92	8.30	ppb
Barium	137-1	42.64	48.33	49.21	46.73	7.64	ppb
Beryllium	9-1	0.31	0.34	0.34	0.33	5.93	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.41	1.48	1.39	6.93	ppb
Cadmium	106-1	1.87	2.34	1.52	1.91	21.44	ppb
Cadmium	111-1	0.67	0.72	0.71	0.70	3.83	ppb
Calcium	43-1	2592.61	3120.17	3117.21	2943.33	10.32	ppb
Calcium	44-1	2535.47	3012.64	3004.43	2850.85	9.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.18	21.30	21.11	21.20	0.46	ppb
Cobalt	59-2	25.06	24.89	25.19	25.05	0.59	ppb
Copper	63-2	236.39	235.56	235.98	235.98	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				114		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	26262.24	26254.12	26263.07	26259.81	0.02	ppb
Iron	57-2	25877.55	25809.69	26062.21	25916.49	0.50	ppb
Iron	54-2	26318.63	26089.53	26306.32	26238.16	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:32:09	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	372.15	421.63	426.50	406.76	7.39	ppb
Lead	207-1	368.02	418.79	422.80	403.20	7.57	ppb
Lead	208-1	365.76	419.93	422.81	402.83	7.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	3966.06	3919.89	3941.12	3942.36	0.59	ppb
Manganese	55-2	225.55	225.17	225.11	225.28	0.11	ppb
Molybdenum	94-1	22.46	26.57	26.74	25.26	9.60	ppb
Molybdenum	95-1	23.77	27.97	28.05	26.60	9.21	ppb
Molybdenum	96-1	23.82	28.35	28.01	26.73	9.44	ppb
Molybdenum	97-1	24.13	28.68	28.44	27.08	9.45	ppb
Molybdenum	98-1	23.98	28.38	28.25	26.87	9.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.35	30.94	31.62	31.31	1.09	ppb
Phosphorus	31-2	486.07	489.29	475.93	483.76	1.44	ppb
Potassium	39-2	1276.66	1285.38	1287.07	1283.04	0.44	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	0.68	0.79	0.40	0.62	31.71	ppb
Selenium	77-2	2.08	1.94	3.11	2.38	26.98	ppb
Selenium	78-2	1.15	1.61	-0.27	0.83	118.12	ppb
Silicon	28-1	133.48	148.27	152.47	144.74	6.89	ppb
Silver	107-1	0.73	0.78	0.81	0.78	4.79	ppb
Silver	109-1	0.73	0.83	0.82	0.79	6.47	ppb
Sodium	23-2	3537.44	3597.36	3545.79	3560.20	0.91	ppb
Strontium	86-1	529.05	626.56	621.63	592.41	9.27	ppb
Strontium	88-1	528.40	629.65	624.14	594.06	9.58	ppb
Sulfur	34-1	-384.27	136.26	170.97	-25.68		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.32	0.37	0.38	0.36	8.90	ppb
Thallium	205-1	0.34	0.38	0.38	0.37	5.94	ppb
Tin	118-1	62.50	71.66	72.63	68.93	8.11	ppb
Titanium	47-1	153.21	180.74	184.38	172.77	9.86	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:32:09	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.60	0.59	0.57	7.21	ppb
Vanadium	51-2	21.18	21.34	21.22	21.25	0.40	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	1175.05	1180.32	1175.64	1177.01	0.25	ppb
Zirconium	90-1	1.52	1.78	1.79	1.70	9.32	ppb
Zirconium	91-1	1.61	1.90	1.89	1.80	9.14	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:35:19	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3668.08	3657.12	3635.79	3653.66	0.45	ppb
Antimony	121-1	582.15	582.47	582.74	582.45	0.05	ppb
Arsenic	75-2	1610.50	1596.09	1595.77	1600.79	0.53	ppb
Barium	135-1	58.17	58.37	59.39	58.64	1.12	ppb
Barium	137-1	59.54	59.55	59.28	59.46	0.26	ppb
Beryllium	9-1	0.34	0.39	0.41	0.38	8.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.33	4.09	4.42	4.28	4.05	ppb
Cadmium	106-1	3.69	4.02	4.04	3.91	4.98	ppb
Cadmium	111-1	2.59	2.66	2.55	2.60	1.99	ppb
Calcium	43-1	9129.88	9352.34	9266.47	9249.57	1.21	ppb
Calcium	44-1	8859.12	8981.70	8984.71	8941.85	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.65	35.00	34.59	34.74	0.64	ppb
Cobalt	59-2	50.80	51.43	51.49	51.24	0.75	ppb
Copper	63-2	634.85	636.75	640.27	637.29	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				108		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	47499.29	47960.44	47697.83	47719.19	0.48	ppb
Iron	57-2	47326.98	47368.96	47619.47	47438.47	0.33	ppb
Iron	54-2	47963.58	48430.57	47475.50	47956.55	1.00	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:35:19	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	924.40	918.69	937.89	926.99	1.06	ppb
Lead	207-1	909.73	901.77	930.54	914.01	1.63	ppb
Lead	208-1	914.56	903.55	929.14	915.75	1.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	1595.15	1603.19	1599.98	1599.44	0.25	ppb
Manganese	55-2	174.11	176.22	174.35	174.89	0.66	ppb
Molybdenum	94-1	97.64	99.04	97.25	97.98	0.96	ppb
Molybdenum	95-1	109.81	110.99	110.06	110.29	0.56	ppb
Molybdenum	96-1	109.08	110.19	109.25	109.51	0.55	ppb
Molybdenum	97-1	111.24	113.45	110.41	111.70	1.41	ppb
Molybdenum	98-1	110.62	112.73	110.45	111.27	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.77	20.35	19.97	20.03	1.49	ppb
Phosphorus	31-2	189.57	182.11	183.32	185.00	2.16	ppb
Potassium	39-2	945.05	949.38	944.68	946.37	0.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1.14	1.30	1.21	1.22	6.56	ppb
Selenium	77-2	1.68	3.03	1.82	2.18	34.09	ppb
Selenium	78-2	1.98	1.77	0.17	1.31	75.85	ppb
Silicon	28-1	518.42	515.51	517.28	517.07	0.28	ppb
Silver	107-1	1.50	1.53	1.54	1.52	1.49	ppb
Silver	109-1	1.49	1.51	1.53	1.51	1.25	ppb
Sodium	23-2	2958.42	2927.80	2936.33	2940.85	0.54	ppb
Strontium	86-1	1647.94	1663.66	1644.07	1651.89	0.63	ppb
Strontium	88-1	1668.25	1695.93	1691.26	1685.15	0.88	ppb
Sulfur	34-1	638.31	744.49	724.56	702.45	8.03	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	1.00	1.00	1.02	1.01	1.38	ppb
Thallium	205-1	1.02	1.01	1.03	1.02	1.00	ppb
Tin	118-1	135.99	136.42	136.58	136.33	0.23	ppb
Titanium	47-1	192.66	198.01	197.46	196.04	1.50	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:35:19	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.64	1.65	1.68	1.66	1.28	ppb
Vanadium	51-2	11.93	12.02	11.99	11.98	0.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	3257.00	3243.59	3282.73	3261.11	0.61	ppb
Zirconium	90-1	3.29	3.38	3.32	3.33	1.38	ppb
Zirconium	91-1	3.60	3.72	3.69	3.67	1.73	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DL2X20	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	20
Date & Time Acquired :	2024-12-28 00:38:26	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	990.81	938.56	939.45	956.27	3.13	ppb
Antimony	121-1	152.79	149.83	149.96	150.86	1.11	ppb
Arsenic	75-2	429.18	417.55	413.49	420.07	1.94	ppb
Barium	135-1	15.04	14.41	14.78	14.74	2.13	ppb
Barium	137-1	14.98	15.07	15.03	15.03	0.28	ppb
Beryllium	9-1	0.05	0.06	0.08	0.06	22.53	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.05	1.12	1.12	6.27	ppb
Cadmium	106-1	1.34	0.55	0.21	0.70	82.41	ppb
Cadmium	111-1	0.67	0.68	0.60	0.65	6.95	ppb
Calcium	43-1	2336.58	2396.37	2355.16	2362.70	1.30	ppb
Calcium	44-1	2261.41	2313.22	2296.75	2290.46	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.44	8.81	8.90	9.05	3.76	ppb
Cobalt	59-2	13.84	13.17	13.15	13.39	2.90	ppb
Copper	63-2	168.84	160.19	160.56	163.20	3.00	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				107		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	12873.47	12179.72	12322.65	12458.61	2.94	ppb
Iron	57-2	12743.39	12185.38	12048.83	12325.87	2.99	ppb
Iron	54-2	12984.29	12324.11	12407.43	12571.94	2.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DL2X20	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	20
Date & Time Acquired :	2024-12-28 00:38:26	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	233.27	236.45	235.72	235.15	0.71	ppb
Lead	207-1	229.91	233.63	231.70	231.75	0.80	ppb
Lead	208-1	232.39	235.02	233.54	233.65	0.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	434.14	411.42	407.99	417.85	3.40	ppb
Manganese	55-2	47.02	44.98	44.49	45.50	2.96	ppb
Molybdenum	94-1	24.17	24.96	25.00	24.71	1.91	ppb
Molybdenum	95-1	27.59	28.56	28.00	28.05	1.74	ppb
Molybdenum	96-1	27.25	28.19	27.66	27.70	1.70	ppb
Molybdenum	97-1	27.74	28.46	28.45	28.22	1.46	ppb
Molybdenum	98-1	27.89	28.52	27.89	28.10	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.44	5.07	5.19	5.24	3.55	ppb
Phosphorus	31-2	46.05	39.18	36.06	40.43	12.64	ppb
Potassium	39-2	260.03	244.01	241.93	248.66	3.98	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.64	0.69	0.33	0.56	34.87	ppb
Selenium	77-2	0.16	0.62	0.16	0.31	85.97	ppb
Selenium	78-2	-0.19	-0.54	0.15	-0.19		ppb
Silicon	28-1	131.48	134.92	134.24	133.55	1.36	ppb
Silver	107-1	0.37	0.40	0.39	0.39	4.17	ppb
Silver	109-1	0.39	0.38	0.39	0.38	2.21	ppb
Sodium	23-2	758.21	718.11	720.61	732.31	3.07	ppb
Strontium	86-1	422.79	426.33	415.89	421.67	1.26	ppb
Strontium	88-1	415.29	421.09	417.02	417.80	0.71	ppb
Sulfur	34-1	-133.44	-41.35	-84.46	-86.42		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.25	0.25	0.25	2.07	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	3.39	ppb
Tin	118-1	34.66	34.77	34.20	34.54	0.87	ppb
Titanium	47-1	49.65	50.80	49.75	50.07	1.27	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DL2X20	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	20
Date & Time Acquired :	2024-12-28 00:38:26	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.43	0.43	1.84	ppb
Vanadium	51-2	3.23	3.07	3.10	3.13	2.77	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	864.12	825.74	817.72	835.86	2.97	ppb
Zirconium	90-1	0.79	0.83	0.84	0.82	3.42	ppb
Zirconium	91-1	0.88	0.89	0.96	0.91	4.57	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:41:40	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8887.99	8659.89	8795.22	8781.03	1.31	ppb
Antimony	121-1	1108.41	1203.44	1220.84	1177.56	5.14	ppb
Arsenic	75-2	2522.80	2537.65	2535.50	2531.98	0.32	ppb
Barium	135-1	294.82	317.81	320.07	310.90	4.49	ppb
Barium	137-1	307.31	333.52	335.29	325.37	4.82	ppb
Beryllium	9-1	0.54	0.66	0.64	0.61	10.88	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.99	6.35	6.65	6.33	5.23	ppb
Cadmium	106-1	7.60	7.44	6.70	7.25	6.64	ppb
Cadmium	111-1	2.82	3.09	2.94	2.95	4.61	ppb
Calcium	43-1	33242.54	35290.13	36410.52	34981.06	4.59	ppb
Calcium	44-1	32708.79	35360.01	35705.11	34591.30	4.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.53	23.89	23.86	23.76	0.84	ppb
Cobalt	59-2	70.01	70.09	70.22	70.11	0.15	ppb
Copper	63-2	1173.97	1200.73	1190.84	1188.51	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				124		%
Indium	115-2				117		%
Iron	56-2	74083.99	74844.64	74921.67	74616.76	0.62	ppb
Iron	57-2	73321.38	72989.14	73373.34	73227.96	0.28	ppb
Iron	54-2	74655.24	74755.88	75035.96	74815.70	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:41:40	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2067.88	2223.50	2257.02	2182.80	4.62	ppb
Lead	207-1	2081.53	2226.98	2247.10	2185.21	4.13	ppb
Lead	208-1	2071.20	2228.89	2241.49	2180.53	4.35	ppb
Lithium	6-1				103		%
Magnesium	24-2	4647.51	4645.24	4657.64	4650.13	0.14	ppb
Manganese	55-2	663.18	669.77	672.44	668.46	0.71	ppb
Molybdenum	94-1	56.26	60.72	61.14	59.37	4.56	ppb
Molybdenum	95-1	51.89	55.67	55.98	54.51	4.18	ppb
Molybdenum	96-1	52.69	56.88	57.28	55.61	4.57	ppb
Molybdenum	97-1	52.12	56.50	56.61	55.08	4.65	ppb
Molybdenum	98-1	52.42	56.09	56.93	55.15	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.54	40.70	40.99	40.74	0.57	ppb
Phosphorus	31-2	587.33	584.08	609.02	593.48	2.28	ppb
Potassium	39-2	2241.89	2233.56	2245.43	2240.29	0.27	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	1.84	2.53	2.30	2.23	15.76	ppb
Selenium	77-2	2.98	3.64	2.69	3.10	15.60	ppb
Selenium	78-2	2.02	1.62	1.83	1.82	10.91	ppb
Silicon	28-1	358.21	404.07	398.34	386.88	6.46	ppb
Silver	107-1	3.14	3.43	3.47	3.35	5.31	ppb
Silver	109-1	3.20	3.42	3.45	3.36	4.08	ppb
Sodium	23-2	7873.07	7791.50	7834.52	7833.03	0.52	ppb
Strontium	86-1	4925.88	5265.97	5358.01	5183.29	4.39	ppb
Strontium	88-1	5014.09	5386.57	5444.96	5281.88	4.43	ppb
Sulfur	34-1	1126.09	1584.95	1707.51	1472.85	20.81	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.55	0.62	0.60	0.59	5.61	ppb
Thallium	205-1	0.58	0.61	0.62	0.61	3.56	ppb
Tin	118-1	369.60	403.94	408.67	394.07	5.41	ppb
Titanium	47-1	284.81	311.57	314.23	303.54	5.36	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:41:40	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.87	1.91	1.83	5.62	ppb
Vanadium	51-2	25.89	26.13	26.09	26.03	0.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	7547.28	7707.72	7736.28	7663.76	1.33	ppb
Zirconium	90-1	7.49	8.11	8.13	7.91	4.60	ppb
Zirconium	91-1	7.98	8.61	8.70	8.43	4.62	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:44:41	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3478.25	3498.26	3471.89	3482.80	0.40	ppb
Antimony	121-1	495.51	500.87	502.05	499.48	0.70	ppb
Arsenic	75-2	1041.24	1041.10	1040.22	1040.85	0.05	ppb
Barium	135-1	130.05	131.28	131.67	131.00	0.64	ppb
Barium	137-1	131.48	131.34	132.41	131.74	0.44	ppb
Beryllium	9-1	0.22	0.26	0.30	0.26	15.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.67	2.54	2.74	2.65	3.82	ppb
Cadmium	106-1	4.34	3.29	3.31	3.65	16.53	ppb
Cadmium	111-1	1.24	1.26	1.21	1.24	1.83	ppb
Calcium	43-1	15061.64	15121.27	14974.02	15052.31	0.49	ppb
Calcium	44-1	14796.90	14642.53	14766.89	14735.44	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.90	9.95	9.74	9.86	1.13	ppb
Cobalt	59-2	28.46	28.72	28.79	28.66	0.60	ppb
Copper	63-2	491.01	494.30	496.88	494.06	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				107		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	30479.65	30750.04	30573.48	30601.06	0.45	ppb
Iron	57-2	30254.51	30244.25	30233.83	30244.20	0.03	ppb
Iron	54-2	30734.77	30941.17	30405.77	30693.90	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:44:41	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	938.76	940.50	930.38	936.55	0.58	ppb
Lead	207-1	936.84	940.78	927.01	934.88	0.76	ppb
Lead	208-1	937.17	936.20	922.99	932.12	0.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	1796.89	1806.65	1796.72	1800.08	0.32	ppb
Manganese	55-2	265.42	268.81	265.69	266.64	0.71	ppb
Molybdenum	94-1	25.01	25.36	25.23	25.20	0.71	ppb
Molybdenum	95-1	22.90	23.27	23.31	23.16	0.97	ppb
Molybdenum	96-1	23.38	23.38	23.90	23.55	1.29	ppb
Molybdenum	97-1	23.55	23.49	23.76	23.60	0.59	ppb
Molybdenum	98-1	23.34	23.01	23.16	23.17	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.81	16.94	16.76	16.83	0.57	ppb
Phosphorus	31-2	212.85	234.07	225.11	224.01	4.75	ppb
Potassium	39-2	924.01	932.89	931.31	929.40	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1.34	1.07	1.12	1.18	12.01	ppb
Selenium	77-2	1.23	1.53	1.83	1.53	19.75	ppb
Selenium	78-2	0.38	0.90	0.99	0.75	43.68	ppb
Silicon	28-1	163.48	176.73	186.28	175.50	6.53	ppb
Silver	107-1	1.39	1.46	1.43	1.43	2.56	ppb
Silver	109-1	1.39	1.44	1.43	1.42	1.97	ppb
Sodium	23-2	3232.88	3216.22	3226.10	3225.07	0.26	ppb
Strontium	86-1	2190.41	2210.69	2181.11	2194.07	0.69	ppb
Strontium	88-1	2255.19	2258.73	2272.12	2262.01	0.39	ppb
Sulfur	34-1	671.79	614.85	582.82	623.15	7.23	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.24	0.24	0.24	0.99	ppb
Thallium	205-1	0.25	0.24	0.23	0.24	3.07	ppb
Tin	118-1	165.28	170.14	169.28	168.23	1.54	ppb
Titanium	47-1	128.69	128.68	128.84	128.73	0.07	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:44:41	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.77	0.77	1.29	ppb
Vanadium	51-2	10.62	10.82	10.68	10.71	0.94	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	3175.44	3203.91	3242.59	3207.31	1.05	ppb
Zirconium	90-1	3.26	3.32	3.27	3.28	0.96	ppb
Zirconium	91-1	3.41	3.60	3.56	3.53	2.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:47:51	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1737.83	1737.62	1739.24	1738.23	0.05	ppb
Antimony	121-1	232.04	245.90	246.50	241.48	3.39	ppb
Arsenic	75-2	516.34	524.28	517.01	519.21	0.85	ppb
Barium	135-1	60.47	63.83	64.61	62.97	3.49	ppb
Barium	137-1	61.33	64.86	65.46	63.88	3.49	ppb
Beryllium	9-1	0.12	0.14	0.12	0.13	7.91	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.31	1.08	1.18	9.86	ppb
Cadmium	106-1	1.61	1.30	1.07	1.33	20.19	ppb
Cadmium	111-1	0.63	0.57	0.61	0.60	4.67	ppb
Calcium	43-1	6960.63	7516.59	7676.29	7384.50	5.09	ppb
Calcium	44-1	6846.37	7432.64	7394.47	7224.49	4.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.85	5.03	4.89	4.92	1.98	ppb
Cobalt	59-2	14.35	14.29	14.27	14.30	0.29	ppb
Copper	63-2	240.44	237.36	238.61	238.80	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				108		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	15268.65	15092.13	15287.78	15216.19	0.71	ppb
Iron	57-2	15376.86	15172.94	14889.63	15146.48	1.62	ppb
Iron	54-2	15328.11	15170.81	15251.94	15250.28	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:47:51	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	439.58	468.09	459.39	455.69	3.21	ppb
Lead	207-1	430.87	474.28	460.73	455.29	4.88	ppb
Lead	208-1	434.51	466.52	459.98	453.67	3.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	905.07	892.39	896.45	897.97	0.72	ppb
Manganese	55-2	133.07	132.23	132.95	132.75	0.34	ppb
Molybdenum	94-1	11.69	12.37	12.44	12.17	3.39	ppb
Molybdenum	95-1	10.78	11.44	11.49	11.24	3.53	ppb
Molybdenum	96-1	11.01	11.53	11.70	11.41	3.14	ppb
Molybdenum	97-1	10.80	11.49	11.55	11.28	3.69	ppb
Molybdenum	98-1	10.94	11.44	11.46	11.28	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.45	8.26	8.46	8.39	1.33	ppb
Phosphorus	31-2	93.85	97.31	115.94	102.37	11.61	ppb
Potassium	39-2	463.81	460.98	459.73	461.51	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.86	0.74	0.41	0.67	35.46	ppb
Selenium	77-2	0.77	0.62	0.46	0.62	25.31	ppb
Selenium	78-2	-0.29	0.47	0.35	0.18	233.72	ppb
Silicon	28-1	84.91	86.85	86.28	86.01	1.16	ppb
Silver	107-1	0.67	0.69	0.72	0.69	3.41	ppb
Silver	109-1	0.65	0.68	0.69	0.67	2.88	ppb
Sodium	23-2	1623.94	1588.22	1582.62	1598.26	1.40	ppb
Strontium	86-1	1021.11	1075.60	1098.88	1065.20	3.75	ppb
Strontium	88-1	1049.95	1118.85	1120.13	1096.31	3.66	ppb
Sulfur	34-1	30.47	281.90	357.00	223.12	76.65	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.12	0.10	0.11	8.95	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	5.01	ppb
Tin	118-1	74.62	78.74	79.50	77.62	3.38	ppb
Titanium	47-1	59.86	63.62	65.21	62.90	4.36	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:47:51	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.38	0.40	0.39	4.04	ppb
Vanadium	51-2	5.38	5.42	5.27	5.36	1.39	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	1588.26	1563.24	1570.27	1573.92	0.82	ppb
Zirconium	90-1	1.52	1.63	1.59	1.58	3.41	ppb
Zirconium	91-1	1.67	1.75	1.78	1.73	3.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:50:59	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8769.42	8934.68	9058.75	8920.95	1.63	ppb
Antimony	121-1	686.67	702.22	705.73	698.21	1.45	ppb
Arsenic	75-2	1479.48	1460.32	1474.42	1471.41	0.67	ppb
Barium	135-1	144.47	147.59	149.51	147.19	1.73	ppb
Barium	137-1	147.31	148.66	152.37	149.45	1.75	ppb
Beryllium	9-1	0.34	0.29	0.32	0.31	7.94	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.94	4.45	4.23	4.21	6.02	ppb
Cadmium	106-1	5.16	4.03	5.10	4.76	13.42	ppb
Cadmium	111-1	2.27	2.21	2.41	2.29	4.48	ppb
Calcium	43-1	9249.76	9575.87	9596.33	9473.99	2.05	ppb
Calcium	44-1	8920.07	9219.74	9306.26	9148.69	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.60	26.68	26.85	26.71	0.48	ppb
Cobalt	59-2	66.36	68.02	67.54	67.31	1.27	ppb
Copper	63-2	552.52	563.89	560.95	559.12	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	53575.01	54154.71	53850.01	53859.91	0.54	ppb
Iron	57-2	52433.33	53118.19	52607.34	52719.62	0.68	ppb
Iron	54-2	53915.23	54343.23	53999.15	54085.87	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:50:59	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1110.12	1139.15	1134.78	1128.01	1.39	ppb
Lead	207-1	1105.84	1124.17	1122.54	1117.52	0.91	ppb
Lead	208-1	1098.83	1130.68	1128.68	1119.40	1.59	ppb
Lithium	6-1				103		%
Magnesium	24-2	5290.88	5326.51	5391.87	5336.42	0.96	ppb
Manganese	55-2	667.60	667.67	659.73	665.00	0.69	ppb
Molybdenum	94-1	21.97	22.47	22.63	22.36	1.54	ppb
Molybdenum	95-1	18.75	19.00	19.26	19.01	1.35	ppb
Molybdenum	96-1	19.69	20.01	20.04	19.91	0.96	ppb
Molybdenum	97-1	18.77	19.42	19.60	19.26	2.25	ppb
Molybdenum	98-1	18.84	19.47	19.55	19.29	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.71	37.14	37.18	37.01	0.71	ppb
Phosphorus	31-2	597.24	609.44	623.13	609.93	2.12	ppb
Potassium	39-2	2411.75	2436.91	2420.31	2422.99	0.53	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	1.90	1.37	1.47	1.58	17.96	ppb
Selenium	77-2	2.68	2.81	3.60	3.03	16.41	ppb
Selenium	78-2	1.15	1.88	2.71	1.91	40.94	ppb
Silicon	28-1	520.63	524.12	522.75	522.50	0.34	ppb
Silver	107-1	2.02	2.02	2.06	2.04	1.11	ppb
Silver	109-1	1.98	2.01	2.04	2.01	1.62	ppb
Sodium	23-2	6831.43	6980.34	7000.37	6937.38	1.33	ppb
Strontium	86-1	1563.01	1600.21	1598.70	1587.31	1.33	ppb
Strontium	88-1	1597.81	1652.77	1640.40	1630.33	1.77	ppb
Sulfur	34-1	1121.08	1224.42	1252.94	1199.48	5.78	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.51	0.54	0.56	0.54	4.45	ppb
Thallium	205-1	0.53	0.55	0.55	0.54	2.03	ppb
Tin	118-1	158.68	162.51	164.06	161.75	1.71	ppb
Titanium	47-1	286.37	295.20	300.00	293.86	2.35	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:50:59	DataFile Name :	164SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.49	1.53	1.49	2.23	ppb
Vanadium	51-2	31.35	31.58	31.30	31.41	0.47	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	4480.95	4467.48	4503.93	4484.12	0.41	ppb
Zirconium	90-1	3.56	3.64	3.71	3.64	2.05	ppb
Zirconium	91-1	3.93	3.96	4.05	3.98	1.53	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:54:07	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3485.50	3506.59	3484.77	3492.29	0.35	ppb
Antimony	121-1	275.50	286.98	282.65	281.71	2.06	ppb
Arsenic	75-2	598.17	601.95	586.00	595.37	1.40	ppb
Barium	135-1	58.64	59.28	59.88	59.26	1.05	ppb
Barium	137-1	59.17	60.45	60.93	60.18	1.51	ppb
Beryllium	9-1	0.10	0.12	0.13	0.11	12.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.79	1.86	1.70	13.53	ppb
Cadmium	106-1	1.37	1.37	0.86	1.20	24.65	ppb
Cadmium	111-1	0.93	0.95	0.92	0.93	1.67	ppb
Calcium	43-1	3811.13	3798.88	3876.93	3828.98	1.10	ppb
Calcium	44-1	3749.55	3744.71	3756.36	3750.21	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.81	10.63	10.76	10.73	0.88	ppb
Cobalt	59-2	27.10	27.35	27.20	27.21	0.46	ppb
Copper	63-2	219.21	220.99	219.51	219.90	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				108		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	21611.76	21640.18	21739.91	21663.95	0.31	ppb
Iron	57-2	21794.92	21360.48	21229.40	21461.60	1.38	ppb
Iron	54-2	21733.60	21928.76	21712.88	21791.75	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:54:07	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	450.53	453.96	460.78	455.09	1.15	ppb
Lead	207-1	460.31	446.77	454.45	453.84	1.50	ppb
Lead	208-1	453.75	448.95	453.75	452.15	0.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	2031.72	2043.84	2035.44	2037.00	0.30	ppb
Manganese	55-2	260.77	261.58	260.26	260.87	0.25	ppb
Molybdenum	94-1	8.98	9.22	9.08	9.09	1.36	ppb
Molybdenum	95-1	7.74	7.92	7.71	7.79	1.45	ppb
Molybdenum	96-1	8.22	8.09	8.05	8.12	1.05	ppb
Molybdenum	97-1	7.91	8.02	8.01	7.98	0.77	ppb
Molybdenum	98-1	7.99	7.89	7.78	7.89	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.75	14.82	15.12	14.90	1.32	ppb
Phosphorus	31-2	223.04	240.37	232.72	232.04	3.74	ppb
Potassium	39-2	985.45	987.29	983.61	985.45	0.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.54	0.65	0.65	0.61	10.01	ppb
Selenium	77-2	0.77	0.15	1.51	0.81	83.91	ppb
Selenium	78-2	0.45	0.88	-0.49	0.28	252.97	ppb
Silicon	28-1	202.54	204.67	212.27	206.49	2.48	ppb
Silver	107-1	0.79	0.81	0.86	0.82	4.32	ppb
Silver	109-1	0.80	0.83	0.82	0.82	1.69	ppb
Sodium	23-2	2819.34	2839.61	2829.34	2829.43	0.36	ppb
Strontium	86-1	649.38	646.58	650.64	648.87	0.32	ppb
Strontium	88-1	645.59	648.05	651.07	648.24	0.42	ppb
Sulfur	34-1	162.57	89.20	177.02	142.93	32.95	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.20	0.22	0.19	0.20	6.22	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	3.52	ppb
Tin	118-1	62.82	63.54	64.06	63.48	0.98	ppb
Titanium	47-1	117.73	118.00	117.93	117.89	0.12	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:54:07	DataFile Name :	165SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.60	0.62	0.61	1.58	ppb
Vanadium	51-2	12.69	12.63	12.76	12.70	0.50	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1845.09	1823.06	1818.02	1828.72	0.79	ppb
Zirconium	90-1	1.41	1.48	1.46	1.45	2.30	ppb
Zirconium	91-1	1.61	1.56	1.61	1.60	1.76	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:57:14	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2805.25	2814.20	2823.72	2814.39	0.33	ppb
Antimony	121-1	144.16	146.42	146.38	145.65	0.89	ppb
Arsenic	75-2	372.95	376.56	377.79	375.77	0.67	ppb
Barium	135-1	63.89	65.78	66.00	65.23	1.78	ppb
Barium	137-1	64.51	67.11	67.49	66.37	2.44	ppb
Beryllium	9-1	0.08	0.10	0.11	0.10	11.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.23	1.30	1.07	1.20	10.18	ppb
Cadmium	106-1	1.45	0.75	1.36	1.19	32.14	ppb
Cadmium	111-1	0.51	0.52	0.52	0.52	0.94	ppb
Calcium	43-1	8792.68	9014.68	9018.37	8941.91	1.45	ppb
Calcium	44-1	8550.78	8697.76	8810.14	8686.23	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.06	8.00	8.04	8.03	0.39	ppb
Cobalt	59-2	32.06	31.99	32.16	32.07	0.27	ppb
Copper	63-2	189.22	191.09	190.97	190.42	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				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	21639.93	21720.85	21759.67	21706.81	0.28	ppb
Iron	57-2	21917.84	21343.54	21558.56	21606.65	1.34	ppb
Iron	54-2	21880.30	21436.60	21724.02	21680.31	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:57:14	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	315.77	326.84	325.27	322.63	1.86	ppb
Lead	207-1	312.34	326.47	323.49	320.77	2.32	ppb
Lead	208-1	312.69	324.91	324.20	320.60	2.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	1754.39	1771.45	1761.23	1762.35	0.49	ppb
Manganese	55-2	158.19	157.73	156.44	157.45	0.57	ppb
Molybdenum	94-1	8.03	8.18	8.27	8.16	1.48	ppb
Molybdenum	95-1	4.42	4.67	4.67	4.58	3.15	ppb
Molybdenum	96-1	4.95	5.14	5.20	5.10	2.59	ppb
Molybdenum	97-1	4.39	4.54	4.71	4.55	3.52	ppb
Molybdenum	98-1	4.41	4.59	4.70	4.57	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.41	8.41	8.60	8.47	1.29	ppb
Phosphorus	31-2	359.61	334.60	354.11	349.44	3.76	ppb
Potassium	39-2	919.76	919.95	918.39	919.37	0.09	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.70	0.57	0.32	0.53	36.26	ppb
Selenium	77-2	1.37	0.77	1.09	1.08	27.79	ppb
Selenium	78-2	1.16	0.81	0.03	0.67	86.22	ppb
Silicon	28-1	113.31	118.06	126.57	119.31	5.63	ppb
Silver	107-1	0.55	0.55	0.56	0.55	0.83	ppb
Silver	109-1	0.56	0.56	0.57	0.56	1.03	ppb
Sodium	23-2	2474.68	2544.06	2489.33	2502.69	1.46	ppb
Strontium	86-1	1942.74	1975.70	2002.32	1973.59	1.51	ppb
Strontium	88-1	2018.65	2034.66	2059.63	2037.65	1.01	ppb
Sulfur	34-1	12.71	176.98	208.80	132.83	79.23	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.10	0.11	0.10	6.70	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.87	ppb
Tin	118-1	39.82	40.70	40.86	40.46	1.38	ppb
Titanium	47-1	124.53	129.62	129.19	127.78	2.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:57:14	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.38	0.38	0.38	1.44	ppb
Vanadium	51-2	11.06	11.09	11.27	11.14	1.02	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1552.84	1524.72	1497.96	1525.17	1.80	ppb
Zirconium	90-1	2.34	2.41	2.50	2.42	3.28	ppb
Zirconium	91-1	2.51	2.55	2.59	2.55	1.63	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:00:23	DataFile Name :	167CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50653.33	50342.55	50788.38	50594.75	0.45	ppb
Antimony	121-1	490.36	492.73	493.40	492.16	0.32	ppb
Arsenic	75-2	487.59	494.95	486.64	489.72	0.93	ppb
Barium	135-1	2464.87	2496.72	2485.93	2482.50	0.65	ppb
Barium	137-1	2502.87	2522.31	2490.07	2505.08	0.65	ppb
Beryllium	9-1	495.56	498.14	483.48	492.39	1.59	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	488.47	489.53	487.55	488.51	0.20	ppb
Cadmium	106-1	495.00	488.04	479.19	487.41	1.63	ppb
Cadmium	111-1	470.46	472.21	467.86	470.18	0.47	ppb
Calcium	43-1	250040.09	252995.85	255723.31	252919.75	1.12	ppb
Calcium	44-1	250527.74	253799.26	256363.71	253563.57	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.54	501.10	491.21	499.62	1.56	ppb
Cobalt	59-2	502.33	497.25	503.70	501.09	0.68	ppb
Copper	63-2	4910.49	4879.06	4921.49	4903.68	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				100		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				81		%
Iron	56-2	130755.37	129054.13	130110.79	129973.43	0.66	ppb
Iron	57-2	130062.53	127189.90	130741.93	129331.45	1.46	ppb
Iron	54-2	130714.59	130158.54	129065.60	129979.58	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:00:23	DataFile Name :	167CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2538.65	2629.50	2603.41	2590.52	1.81	ppb
Lead	207-1	2511.65	2602.37	2563.82	2559.28	1.78	ppb
Lead	208-1	2524.68	2601.55	2575.44	2567.22	1.52	ppb
Lithium	6-1				92		%
Magnesium	24-2	252101.60	250488.23	249867.62	250819.15	0.46	ppb
Manganese	55-2	4994.86	4969.13	5013.10	4992.37	0.44	ppb
Molybdenum	94-1	5050.53	5108.70	5103.27	5087.50	0.63	ppb
Molybdenum	95-1	5059.29	5033.27	5055.91	5049.49	0.28	ppb
Molybdenum	96-1	5099.89	5029.69	5082.52	5070.70	0.72	ppb
Molybdenum	97-1	5062.02	5103.90	5089.45	5085.12	0.42	ppb
Molybdenum	98-1	5048.97	5072.20	5051.58	5057.58	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.91	475.19	478.42	477.84	0.50	ppb
Phosphorus	31-2	9987.94	9882.21	9930.27	9933.47	0.53	ppb
Potassium	39-2	122059.78	123238.02	123006.18	122768.00	0.51	ppb
Rhodium	103-1				84		%
Rhodium	103-2				81		%
Scandium	45-1				85		%
Scandium	45-2				78		%
Selenium	82-1	481.32	483.46	483.81	482.86	0.28	ppb
Selenium	77-2	486.61	469.84	477.37	477.94	1.76	ppb
Selenium	78-2	479.44	483.29	473.37	478.70	1.04	ppb
Silicon	28-1	254.88	251.97	253.40	253.42	0.57	ppb
Silver	107-1	485.73	484.26	478.58	482.85	0.78	ppb
Silver	109-1	483.29	483.20	474.13	480.21	1.10	ppb
Sodium	23-2	254344.33	249077.03	251262.55	251561.31	1.05	ppb
Strontium	86-1	12646.98	12789.09	12825.67	12753.91	0.74	ppb
Strontium	88-1	12562.82	12696.34	12518.38	12592.51	0.74	ppb
Sulfur	34-1	10357.68	10504.52	10390.06	10417.42	0.74	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	508.05	523.76	530.91	520.90	2.25	ppb
Thallium	205-1	509.50	529.10	524.24	520.94	1.96	ppb
Tin	118-1	495.31	497.02	496.64	496.32	0.18	ppb
Titanium	47-1	4939.97	5029.86	4983.19	4984.34	0.90	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:00:23	DataFile Name :	167CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	514.89	524.18	523.05	520.70	0.97	ppb
Vanadium	51-2	518.93	515.08	511.35	515.12	0.74	ppb
Yttrium	89-1				91		%
Yttrium	89-2				84		%
Zinc	66-2	4855.48	4794.36	4850.92	4833.59	0.70	ppb
Zirconium	90-1	499.73	509.22	504.86	504.60	0.94	ppb
Zirconium	91-1	506.82	508.36	513.65	509.61	0.70	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:03:08	DataFile Name :	168CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.92	3.95	3.89	3.92	0.76	ppb
Antimony	121-1	0.28	0.25	0.20	0.24	15.81	ppb
Arsenic	75-2	0.09	0.02	0.03	0.05	88.94	ppb
Barium	135-1	0.36	0.32	0.26	0.31	16.73	ppb
Barium	137-1	0.36	0.29	0.27	0.31	16.13	ppb
Beryllium	9-1	0.12	0.15	0.09	0.12	25.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.04	0.05	0.05	28.64	ppb
Cadmium	106-1	-0.98	-0.93	-1.64	-1.18		ppb
Cadmium	111-1	0.07	0.05	0.02	0.05	48.37	ppb
Calcium	43-1	39.21	32.69	26.08	32.66	20.10	ppb
Calcium	44-1	40.11	32.24	25.53	32.63	22.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.06	0.05	23.84	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	1.03	ppb
Copper	63-2	0.51	0.44	0.43	0.46	8.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	11.93	11.22	10.42	11.19	6.76	ppb
Iron	57-2	9.70	8.02	8.91	8.88	9.51	ppb
Iron	54-2	12.61	11.32	10.72	11.55	8.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:03:08	DataFile Name :	168CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.43	0.35	0.30	0.36	18.85	ppb
Lead	207-1	0.40	0.34	0.30	0.35	13.93	ppb
Lead	208-1	0.42	0.34	0.29	0.35	18.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	19.75	18.83	17.28	18.62	6.70	ppb
Manganese	55-2	0.46	0.40	0.39	0.42	8.80	ppb
Molybdenum	94-1	0.85	0.72	0.64	0.74	14.37	ppb
Molybdenum	95-1	0.89	0.71	0.60	0.73	19.67	ppb
Molybdenum	96-1	0.87	0.68	0.58	0.71	20.61	ppb
Molybdenum	97-1	0.89	0.71	0.61	0.74	19.42	ppb
Molybdenum	98-1	0.88	0.75	0.60	0.75	18.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.03	0.00	1611.94	ppb
Phosphorus	31-2	-13.17	-18.35	-18.10	-16.54		ppb
Potassium	39-2	14.03	12.42	11.00	12.48	12.14	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	82-1	0.35	0.15	0.36	0.29	40.75	ppb
Selenium	77-2	0.17	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-1.21	-0.51	-0.99	-0.90		ppb
Silicon	28-1	-4.52	-4.53	-4.33	-4.46		ppb
Silver	107-1	0.12	0.10	0.09	0.10	15.61	ppb
Silver	109-1	0.12	0.09	0.08	0.09	23.20	ppb
Sodium	23-2	33.18	31.96	29.55	31.56	5.84	ppb
Strontium	86-1	2.10	1.59	1.33	1.67	23.30	ppb
Strontium	88-1	2.04	1.48	1.44	1.65	20.37	ppb
Sulfur	34-1	-179.70	-158.58	-182.07	-173.45		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.09	0.09	0.10	22.12	ppb
Thallium	205-1	0.13	0.11	0.09	0.11	20.93	ppb
Tin	118-1	0.11	0.09	0.07	0.09	22.20	ppb
Titanium	47-1	0.79	0.56	0.58	0.65	19.80	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:03:08	DataFile Name :	168CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.06	0.05	0.06	22.73	ppb
Vanadium	51-2	0.03	0.03	0.04	0.04	12.35	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	0.62	0.56	0.51	0.57	9.74	ppb
Zirconium	90-1	0.10	0.08	0.07	0.08	19.61	ppb
Zirconium	91-1	0.10	0.07	0.07	0.08	22.82	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:06:31	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8728.99	8634.08	8741.16	8701.41	0.67	ppb
Antimony	121-1	496.48	588.77	490.45	525.23	10.49	ppb
Arsenic	75-2	1391.40	1383.41	1375.16	1383.33	0.59	ppb
Barium	135-1	97.58	117.84	98.31	104.58	10.99	ppb
Barium	137-1	99.34	119.45	98.99	105.93	11.06	ppb
Beryllium	9-1	0.31	0.45	0.40	0.39	17.38	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	3.25	2.70	2.89	10.77	ppb
Cadmium	106-1	2.05	3.59	2.30	2.65	31.15	ppb
Cadmium	111-1	1.67	2.06	1.72	1.82	11.88	ppb
Calcium	43-1	7966.09	9506.49	8094.10	8522.23	10.03	ppb
Calcium	44-1	7720.77	9326.08	7857.73	8301.53	10.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.41	27.82	27.62	27.62	0.73	ppb
Cobalt	59-2	95.66	96.29	96.40	96.12	0.41	ppb
Copper	63-2	623.35	632.45	626.67	627.49	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	50595.21	51016.72	50469.51	50693.81	0.57	ppb
Iron	57-2	49725.26	50293.12	50230.06	50082.81	0.62	ppb
Iron	54-2	50963.16	51079.73	50486.15	50843.01	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:06:31	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	921.88	1117.98	955.22	998.36	10.51	ppb
Lead	207-1	918.21	1098.42	937.12	984.58	10.06	ppb
Lead	208-1	918.83	1091.31	948.64	986.26	9.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	5130.23	5139.09	5102.74	5124.02	0.37	ppb
Manganese	55-2	414.68	418.64	414.38	415.90	0.57	ppb
Molybdenum	94-1	24.08	28.52	24.51	25.70	9.53	ppb
Molybdenum	95-1	22.98	27.52	23.54	24.68	10.04	ppb
Molybdenum	96-1	23.32	28.09	23.76	25.06	10.52	ppb
Molybdenum	97-1	23.20	27.59	23.52	24.77	9.86	ppb
Molybdenum	98-1	23.41	27.89	23.54	24.95	10.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.56	39.71	39.66	39.65	0.20	ppb
Phosphorus	31-2	520.48	533.01	504.93	519.47	2.71	ppb
Potassium	39-2	2532.69	2503.50	2515.21	2517.14	0.58	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	1.17	1.72	1.26	1.38	21.33	ppb
Selenium	77-2	2.70	2.39	2.03	2.37	14.17	ppb
Selenium	78-2	0.97	1.08	1.31	1.12	15.41	ppb
Silicon	28-1	252.34	311.53	269.92	277.93	10.94	ppb
Silver	107-1	1.57	1.84	1.53	1.64	10.47	ppb
Silver	109-1	1.58	1.81	1.50	1.63	10.04	ppb
Sodium	23-2	7224.64	7291.27	7312.46	7276.12	0.63	ppb
Strontium	86-1	1262.07	1498.38	1275.67	1345.37	9.86	ppb
Strontium	88-1	1298.61	1547.59	1298.18	1381.46	10.41	ppb
Sulfur	34-1	1087.49	2011.17	1099.62	1399.43	37.86	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.67	0.78	0.66	0.71	9.60	ppb
Thallium	205-1	0.68	0.80	0.66	0.71	10.54	ppb
Tin	118-1	170.37	202.58	168.18	180.38	10.68	ppb
Titanium	47-1	257.96	308.01	263.77	276.58	9.90	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:06:31	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.53	1.81	1.55	1.63	9.56	ppb
Vanadium	51-2	30.22	30.61	30.52	30.45	0.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	3327.40	3387.53	3374.67	3363.20	0.94	ppb
Zirconium	90-1	2.80	3.31	2.82	2.98	9.82	ppb
Zirconium	91-1	3.07	3.73	3.11	3.30	11.20	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:09:33	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3491.75	3520.88	3534.00	3515.54	0.62	ppb
Antimony	121-1	214.36	217.38	215.44	215.73	0.71	ppb
Arsenic	75-2	588.22	584.32	595.55	589.36	0.97	ppb
Barium	135-1	42.89	42.93	42.84	42.89	0.10	ppb
Barium	137-1	43.65	43.62	43.48	43.58	0.21	ppb
Beryllium	9-1	0.15	0.16	0.15	0.15	3.81	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.35	1.65	1.37	1.46	11.71	ppb
Cadmium	106-1	1.28	0.22	0.63	0.71	74.77	ppb
Cadmium	111-1	0.75	0.75	0.78	0.76	1.87	ppb
Calcium	43-1	3441.06	3509.18	3444.18	3464.81	1.11	ppb
Calcium	44-1	3414.17	3414.41	3404.60	3411.06	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.46	11.65	11.54	11.55	0.81	ppb
Cobalt	59-2	40.20	40.45	40.24	40.30	0.34	ppb
Copper	63-2	240.74	242.29	242.01	241.68	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				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	21001.99	21373.27	21121.86	21165.71	0.90	ppb
Iron	57-2	20703.67	20924.11	20978.08	20868.62	0.70	ppb
Iron	54-2	21030.15	21089.19	21474.99	21198.11	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:09:33	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	405.30	414.71	406.47	408.83	1.26	ppb
Lead	207-1	409.65	406.57	403.01	406.41	0.82	ppb
Lead	208-1	405.36	405.02	401.66	404.01	0.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	2007.05	2018.01	2009.45	2011.50	0.29	ppb
Manganese	55-2	170.00	171.85	171.53	171.13	0.58	ppb
Molybdenum	94-1	10.53	10.44	10.52	10.50	0.46	ppb
Molybdenum	95-1	10.13	10.09	10.03	10.08	0.49	ppb
Molybdenum	96-1	10.26	10.22	10.41	10.30	0.98	ppb
Molybdenum	97-1	10.20	10.11	10.33	10.21	1.08	ppb
Molybdenum	98-1	10.13	10.21	10.20	10.18	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.88	14.95	14.76	14.86	0.67	ppb
Phosphorus	31-2	206.78	217.32	205.60	209.90	3.07	ppb
Potassium	39-2	1059.53	1067.57	1068.58	1065.23	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.75	0.70	0.48	0.64	21.83	ppb
Selenium	77-2	0.95	2.03	1.27	1.42	39.39	ppb
Selenium	78-2	0.40	0.09	-0.11	0.13	202.57	ppb
Silicon	28-1	134.76	116.48	118.99	123.41	8.03	ppb
Silver	107-1	0.65	0.66	0.64	0.65	1.50	ppb
Silver	109-1	0.65	0.65	0.64	0.64	1.19	ppb
Sodium	23-2	3034.98	3038.50	3053.38	3042.29	0.32	ppb
Strontium	86-1	550.60	558.22	550.48	553.10	0.80	ppb
Strontium	88-1	553.64	551.14	555.19	553.33	0.37	ppb
Sulfur	34-1	280.50	291.96	185.05	252.50	23.25	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.25	0.27	0.26	4.19	ppb
Thallium	205-1	0.27	0.26	0.26	0.27	3.04	ppb
Tin	118-1	71.37	72.08	70.95	71.47	0.80	ppb
Titanium	47-1	113.96	115.98	112.40	114.11	1.58	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:09:33	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.68	0.66	0.67	1.69	ppb
Vanadium	51-2	12.76	12.79	12.71	12.75	0.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	1360.91	1375.76	1384.75	1373.80	0.88	ppb
Zirconium	90-1	1.24	1.21	1.21	1.22	1.20	ppb
Zirconium	91-1	1.31	1.31	1.38	1.34	2.88	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:12:44	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14843.61	14628.82	14688.15	14720.20	0.75	ppb
Antimony	121-1	4420.45	4504.20	4474.84	4466.50	0.95	ppb
Arsenic	75-2	7672.09	7549.09	7613.91	7611.70	0.81	ppb
Barium	135-1	543.26	557.23	553.51	551.33	1.31	ppb
Barium	137-1	554.99	559.00	554.93	556.31	0.42	ppb
Beryllium	9-1	0.99	0.96	1.02	0.99	2.76	ppb
Bismuth	209-1				116		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	20.37	20.80	21.08	20.75	1.73	ppb
Cadmium	106-1	20.65	21.84	19.89	20.79	4.71	ppb
Cadmium	111-1	13.31	13.07	13.35	13.24	1.12	ppb
Calcium	43-1	22457.81	23116.89	22829.18	22801.29	1.45	ppb
Calcium	44-1	22239.62	22399.81	22379.77	22339.73	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.00	48.17	48.23	48.13	0.25	ppb
Cobalt	59-2	166.42	166.15	167.17	166.58	0.32	ppb
Copper	63-2	3104.33	3098.16	3115.99	3106.16	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				109		%
Holmium	165-2				106		%
Indium	115-1				134		%
Indium	115-2				130		%
Iron	56-2	162074.78	160787.97	161359.66	161407.47	0.40	ppb
Iron	57-2	158461.85	159767.61	159302.18	159177.21	0.42	ppb
Iron	54-2	160394.91	160100.80	161276.23	160590.65	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:12:44	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7837.24	7679.77	7540.46	7685.82	1.93	ppb
Lead	207-1	7637.70	7502.62	7408.90	7516.41	1.53	ppb
Lead	208-1	7706.04	7532.73	7470.03	7569.60	1.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	4581.77	4607.19	4580.41	4589.79	0.33	ppb
Manganese	55-2	1015.11	1017.41	1014.73	1015.75	0.14	ppb
Molybdenum	94-1	93.54	95.22	95.61	94.79	1.16	ppb
Molybdenum	95-1	95.06	98.20	97.93	97.06	1.79	ppb
Molybdenum	96-1	96.68	98.59	98.59	97.95	1.12	ppb
Molybdenum	97-1	97.27	98.76	99.29	98.44	1.07	ppb
Molybdenum	98-1	96.30	98.30	98.84	97.81	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.03	116.73	117.31	117.36	0.56	ppb
Phosphorus	31-2	326.93	326.51	331.25	328.23	0.80	ppb
Potassium	39-2	5831.99	5839.05	5795.95	5822.33	0.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.89	5.45	5.24	5.53	6.01	ppb
Selenium	77-2	7.46	5.73	7.92	7.04	16.41	ppb
Selenium	78-2	7.06	5.37	5.82	6.08	14.36	ppb
Silicon	28-1	1214.72	1238.56	1247.74	1233.68	1.38	ppb
Silver	107-1	11.90	12.06	12.13	12.03	0.97	ppb
Silver	109-1	11.75	11.99	12.14	11.96	1.67	ppb
Sodium	23-2	7944.64	7739.77	7790.41	7824.94	1.36	ppb
Strontium	86-1	2786.53	2837.71	2847.69	2823.98	1.16	ppb
Strontium	88-1	2886.20	2910.51	2900.00	2898.90	0.42	ppb
Sulfur	34-1	2268.17	2285.55	2293.77	2282.49	0.57	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	3.00	2.95	2.91	2.95	1.55	ppb
Thallium	205-1	2.99	2.97	2.95	2.97	0.77	ppb
Tin	118-1	1066.99	1082.92	1095.74	1081.88	1.33	ppb
Titanium	47-1	418.10	427.73	424.96	423.60	1.17	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:12:44	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.74	3.68	3.71	3.71	0.78	ppb
Vanadium	51-2	41.71	41.59	42.04	41.78	0.55	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	20599.13	20433.24	20654.40	20562.26	0.56	ppb
Zirconium	90-1	8.14	8.27	8.39	8.27	1.49	ppb
Zirconium	91-1	9.58	9.64	9.83	9.68	1.33	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL2X10	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:15:43	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2844.54	2845.02	2848.88	2846.15	0.08	ppb
Antimony	121-1	875.85	892.73	892.05	886.88	1.08	ppb
Arsenic	75-2	1455.52	1471.71	1466.90	1464.71	0.57	ppb
Barium	135-1	101.75	104.06	104.74	103.51	1.51	ppb
Barium	137-1	104.09	105.33	105.82	105.08	0.85	ppb
Beryllium	9-1	0.20	0.20	0.18	0.19	7.18	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.70	3.28	4.52	3.83	16.47	ppb
Cadmium	106-1	3.28	2.67	2.74	2.90	11.59	ppb
Cadmium	111-1	2.67	2.67	2.59	2.64	1.87	ppb
Calcium	43-1	4427.77	4621.89	4573.11	4540.92	2.22	ppb
Calcium	44-1	4337.84	4505.14	4384.79	4409.25	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.82	9.73	9.84	9.80	0.60	ppb
Cobalt	59-2	33.86	33.86	33.68	33.80	0.31	ppb
Copper	63-2	643.00	640.95	640.84	641.60	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				103		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	32638.79	32322.01	32679.25	32546.68	0.60	ppb
Iron	57-2	32003.85	31672.22	32320.08	31998.72	1.01	ppb
Iron	54-2	32490.90	32446.09	32420.13	32452.37	0.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL2X10	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:15:43	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1546.87	1593.21	1603.94	1581.34	1.92	ppb
Lead	207-1	1524.03	1548.48	1572.04	1548.18	1.55	ppb
Lead	208-1	1531.48	1558.03	1581.03	1556.85	1.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	871.33	865.82	866.95	868.03	0.34	ppb
Manganese	55-2	202.77	201.88	202.83	202.49	0.26	ppb
Molybdenum	94-1	18.49	19.56	19.43	19.16	3.06	ppb
Molybdenum	95-1	19.11	19.56	19.64	19.44	1.47	ppb
Molybdenum	96-1	19.22	20.06	19.85	19.71	2.22	ppb
Molybdenum	97-1	19.14	19.46	19.61	19.40	1.24	ppb
Molybdenum	98-1	19.15	19.74	19.79	19.56	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.21	23.77	23.88	23.95	0.97	ppb
Phosphorus	31-2	58.19	47.96	48.57	51.57	11.13	ppb
Potassium	39-2	1196.43	1189.35	1191.92	1192.57	0.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	1.27	1.58	1.52	1.46	11.14	ppb
Selenium	77-2	1.40	1.42	0.95	1.26	21.43	ppb
Selenium	78-2	0.78	0.77	-0.43	0.37	188.31	ppb
Silicon	28-1	240.86	256.61	247.45	248.30	3.19	ppb
Silver	107-1	2.39	2.36	2.38	2.37	0.67	ppb
Silver	109-1	2.29	2.35	2.42	2.35	2.60	ppb
Sodium	23-2	1571.69	1580.43	1563.57	1571.90	0.54	ppb
Strontium	86-1	555.76	559.99	569.86	561.87	1.29	ppb
Strontium	88-1	553.08	569.67	567.77	563.51	1.61	ppb
Sulfur	34-1	-122.63	-2.94	-134.24	-86.60		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.60	0.59	0.57	0.59	2.06	ppb
Thallium	205-1	0.58	0.60	0.61	0.60	3.12	ppb
Tin	118-1	213.58	216.73	213.29	214.53	0.89	ppb
Titanium	47-1	81.80	85.31	83.50	83.54	2.10	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL2X10	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:15:43	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.75	0.77	0.75	1.74	ppb
Vanadium	51-2	8.40	8.37	8.48	8.42	0.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	4251.85	4269.07	4206.31	4242.41	0.76	ppb
Zirconium	90-1	1.57	1.66	1.66	1.63	3.02	ppb
Zirconium	91-1	1.84	1.95	1.90	1.89	3.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL3X25	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:18:53	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1161.89	1154.93	1160.45	1159.09	0.32	ppb
Antimony	121-1	351.49	356.89	349.96	352.78	1.03	ppb
Arsenic	75-2	603.50	607.24	598.41	603.05	0.74	ppb
Barium	135-1	41.01	41.82	41.17	41.33	1.05	ppb
Barium	137-1	41.78	42.44	41.81	42.01	0.89	ppb
Beryllium	9-1	0.06	0.07	0.06	0.07	12.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.74	1.77	1.35	1.62	14.46	ppb
Cadmium	106-1	0.64	-0.05	0.20	0.26	133.10	ppb
Cadmium	111-1	1.03	1.00	1.01	1.01	1.50	ppb
Calcium	43-1	1827.99	1834.31	1918.80	1860.37	2.73	ppb
Calcium	44-1	1830.76	1855.49	1878.75	1855.00	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.96	3.99	3.88	3.95	1.45	ppb
Cobalt	59-2	13.71	13.66	13.65	13.68	0.24	ppb
Copper	63-2	253.04	255.27	253.13	253.81	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				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	13110.71	13153.36	13176.37	13146.81	0.25	ppb
Iron	57-2	12939.48	12922.73	12966.34	12942.85	0.17	ppb
Iron	54-2	13302.17	13261.66	13184.78	13249.53	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL3X25	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:18:53	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	630.92	643.25	667.76	647.31	2.90	ppb
Lead	207-1	625.73	645.26	654.71	641.90	2.30	ppb
Lead	208-1	625.94	643.40	657.03	642.12	2.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	353.82	355.42	356.96	355.40	0.44	ppb
Manganese	55-2	81.74	81.75	82.00	81.83	0.18	ppb
Molybdenum	94-1	7.56	7.85	7.77	7.73	1.96	ppb
Molybdenum	95-1	7.83	8.02	7.85	7.90	1.28	ppb
Molybdenum	96-1	7.86	8.00	8.03	7.96	1.10	ppb
Molybdenum	97-1	7.73	8.11	7.93	7.93	2.40	ppb
Molybdenum	98-1	7.82	8.02	7.88	7.91	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.51	9.78	9.73	9.68	1.48	ppb
Phosphorus	31-2	13.71	9.64	13.29	12.21	18.31	ppb
Potassium	39-2	479.41	482.32	480.23	480.65	0.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.76	0.54	0.39	0.57	32.83	ppb
Selenium	77-2	0.32	1.12	0.48	0.64	66.52	ppb
Selenium	78-2	-0.94	-1.15	0.30	-0.60		ppb
Silicon	28-1	98.29	102.57	106.19	102.35	3.87	ppb
Silver	107-1	0.93	0.98	0.94	0.95	2.74	ppb
Silver	109-1	0.92	0.97	0.95	0.95	2.31	ppb
Sodium	23-2	603.38	608.86	607.64	606.63	0.47	ppb
Strontium	86-1	228.35	228.27	230.94	229.19	0.66	ppb
Strontium	88-1	228.04	229.37	230.87	229.43	0.62	ppb
Sulfur	34-1	-504.24	-455.75	-427.52	-462.50		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.24	0.24	0.24	3.33	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	2.06	ppb
Tin	118-1	82.55	83.57	82.87	83.00	0.63	ppb
Titanium	47-1	33.60	34.11	34.03	33.91	0.80	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL3X25	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:18:53	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.31	0.31	0.31	0.51	ppb
Vanadium	51-2	3.37	3.46	3.39	3.41	1.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1713.02	1706.40	1713.69	1711.04	0.24	ppb
Zirconium	90-1	0.64	0.66	0.66	0.65	2.18	ppb
Zirconium	91-1	0.71	0.78	0.79	0.76	6.06	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:22:02	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15029.93	14907.42	15089.75	15009.03	0.62	ppb
Antimony	121-1	1917.61	1902.33	1880.29	1900.07	0.99	ppb
Arsenic	75-2	5098.84	5065.23	5116.95	5093.67	0.52	ppb
Barium	135-1	393.88	393.03	393.55	393.49	0.11	ppb
Barium	137-1	412.16	409.78	411.75	411.23	0.31	ppb
Beryllium	9-1	0.96	1.01	0.90	0.95	6.06	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.00	9.35	9.63	9.00	9.68	ppb
Cadmium	106-1	9.26	9.06	8.07	8.80	7.22	ppb
Cadmium	111-1	4.26	4.19	4.06	4.17	2.46	ppb
Calcium	43-1	32673.67	33215.57	32951.81	32947.01	0.82	ppb
Calcium	44-1	32165.45	32219.45	32036.94	32140.61	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.88	25.65	25.90	25.81	0.54	ppb
Cobalt	59-2	474.95	480.14	479.54	478.21	0.59	ppb
Copper	63-2	2151.07	2109.20	2144.85	2135.04	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				132		%
Indium	115-2				126		%
Iron	56-2	154999.98	155075.43	154242.27	154772.56	0.30	ppb
Iron	57-2	153284.13	152145.42	152190.05	152539.87	0.42	ppb
Iron	54-2	155741.12	154869.28	154549.84	155053.41	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:22:02	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3019.76	3014.07	3077.16	3037.00	1.15	ppb
Lead	207-1	2955.39	2985.07	3032.08	2990.85	1.29	ppb
Lead	208-1	2983.77	2995.66	3036.20	3005.21	0.91	ppb
Lithium	6-1				102		%
Magnesium	24-2	4816.67	4825.38	4759.65	4800.56	0.74	ppb
Manganese	55-2	1000.40	1017.30	998.05	1005.25	1.04	ppb
Molybdenum	94-1	58.65	59.07	59.43	59.05	0.66	ppb
Molybdenum	95-1	47.48	47.71	47.92	47.70	0.47	ppb
Molybdenum	96-1	49.85	49.74	50.79	50.13	1.15	ppb
Molybdenum	97-1	48.39	48.74	48.61	48.58	0.36	ppb
Molybdenum	98-1	48.05	48.14	48.81	48.33	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.91	48.63	48.35	48.63	0.57	ppb
Phosphorus	31-2	344.88	330.95	317.85	331.23	4.08	ppb
Potassium	39-2	6669.38	6542.61	6461.08	6557.69	1.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	3.40	3.74	3.13	3.42	8.86	ppb
Selenium	77-2	4.02	6.18	5.49	5.23	21.09	ppb
Selenium	78-2	1.66	3.24	1.97	2.29	36.71	ppb
Silicon	28-1	2130.02	2171.72	2136.25	2145.99	1.05	ppb
Silver	107-1	5.68	5.75	5.76	5.73	0.82	ppb
Silver	109-1	5.65	5.75	5.64	5.68	1.06	ppb
Sodium	23-2	8376.17	8291.93	8343.41	8337.17	0.51	ppb
Strontium	86-1	3390.43	3410.97	3437.27	3412.89	0.69	ppb
Strontium	88-1	3512.94	3515.58	3533.50	3520.67	0.32	ppb
Sulfur	34-1	2382.10	2416.74	2367.77	2388.87	1.05	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	1.34	1.33	1.37	1.34	1.46	ppb
Thallium	205-1	1.34	1.35	1.37	1.35	1.31	ppb
Tin	118-1	525.74	533.07	527.89	528.90	0.71	ppb
Titanium	47-1	492.39	499.12	492.34	494.62	0.79	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:22:02	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.39	2.45	2.45	2.43	1.37	ppb
Vanadium	51-2	39.48	39.22	39.59	39.43	0.48	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	11743.86	11601.89	11609.51	11651.75	0.69	ppb
Zirconium	90-1	10.73	10.84	10.92	10.83	0.89	ppb
Zirconium	91-1	11.70	11.72	11.94	11.79	1.12	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:25:02	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6165.53	6257.33	6271.15	6231.34	0.92	ppb
Antimony	121-1	782.79	792.74	798.29	791.27	0.99	ppb
Arsenic	75-2	2049.30	2067.86	2043.95	2053.70	0.61	ppb
Barium	135-1	157.63	161.90	163.05	160.86	1.78	ppb
Barium	137-1	160.66	162.39	164.28	162.44	1.11	ppb
Beryllium	9-1	0.36	0.41	0.33	0.37	11.80	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.22	3.67	3.98	3.62	10.53	ppb
Cadmium	106-1	2.46	3.34	2.60	2.80	16.87	ppb
Cadmium	111-1	1.68	1.68	1.71	1.69	1.17	ppb
Calcium	43-1	13611.34	13689.19	13890.20	13730.24	1.05	ppb
Calcium	44-1	13395.20	13411.74	13551.45	13452.79	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.66	10.69	10.65	10.67	0.23	ppb
Cobalt	59-2	198.73	201.23	198.10	199.35	0.83	ppb
Copper	63-2	890.24	900.39	899.52	896.72	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				108		%
Holmium	165-2				104		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	64281.73	65212.31	64471.52	64655.19	0.76	ppb
Iron	57-2	62923.49	63402.48	63299.02	63208.33	0.40	ppb
Iron	54-2	64304.32	64588.15	64204.06	64365.51	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:25:02	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1238.82	1297.75	1262.46	1266.34	2.34	ppb
Lead	207-1	1260.94	1267.50	1240.00	1256.15	1.14	ppb
Lead	208-1	1247.27	1263.07	1244.76	1251.70	0.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	1835.24	1848.16	1847.67	1843.69	0.40	ppb
Manganese	55-2	412.22	420.70	421.20	418.04	1.21	ppb
Molybdenum	94-1	24.45	24.56	24.85	24.62	0.84	ppb
Molybdenum	95-1	19.84	19.90	20.17	19.97	0.86	ppb
Molybdenum	96-1	20.73	20.87	21.21	20.94	1.17	ppb
Molybdenum	97-1	20.13	19.85	20.24	20.07	1.01	ppb
Molybdenum	98-1	19.90	19.97	20.32	20.06	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.18	20.14	20.30	20.21	0.41	ppb
Phosphorus	31-2	125.17	134.41	127.33	128.97	3.75	ppb
Potassium	39-2	2695.08	2724.52	2673.84	2697.81	0.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	1.41	1.42	1.73	1.52	12.12	ppb
Selenium	77-2	3.00	2.55	1.58	2.38	30.64	ppb
Selenium	78-2	0.30	0.61	1.01	0.64	55.10	ppb
Silicon	28-1	854.89	862.42	893.81	870.37	2.37	ppb
Silver	107-1	2.29	2.34	2.43	2.35	3.09	ppb
Silver	109-1	2.28	2.33	2.36	2.32	1.56	ppb
Sodium	23-2	3397.83	3461.00	3431.30	3430.04	0.92	ppb
Strontium	86-1	1413.47	1421.68	1450.81	1428.65	1.37	ppb
Strontium	88-1	1469.20	1469.54	1483.42	1474.05	0.55	ppb
Sulfur	34-1	391.94	408.69	472.73	424.45	10.05	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.54	0.56	0.54	0.55	1.99	ppb
Thallium	205-1	0.55	0.58	0.55	0.56	2.47	ppb
Tin	118-1	217.99	217.44	221.46	218.96	1.00	ppb
Titanium	47-1	204.45	209.34	207.31	207.03	1.19	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:25:02	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.04	1.02	1.01	3.31	ppb
Vanadium	51-2	16.08	16.38	16.21	16.22	0.91	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	4816.51	4910.92	4799.81	4842.41	1.24	ppb
Zirconium	90-1	4.36	4.45	4.55	4.45	2.16	ppb
Zirconium	91-1	4.87	4.85	4.88	4.87	0.28	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:28:06	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2972.98	2962.65	3015.54	2983.72	0.94	ppb
Antimony	121-1	389.33	397.01	450.44	412.26	8.07	ppb
Arsenic	75-2	1007.30	1037.96	1042.23	1029.16	1.85	ppb
Barium	135-1	79.24	80.87	91.52	83.88	7.95	ppb
Barium	137-1	80.42	81.80	93.40	85.21	8.37	ppb
Beryllium	9-1	0.15	0.14	0.20	0.17	18.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	1.81	2.39	1.98	17.80	ppb
Cadmium	106-1	0.62	1.55	0.72	0.96	53.24	ppb
Cadmium	111-1	0.78	0.85	0.96	0.86	10.15	ppb
Calcium	43-1	6751.01	6890.15	7804.04	7148.40	8.00	ppb
Calcium	44-1	6612.74	6757.64	7578.97	6983.12	7.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.27	5.27	5.32	5.29	0.51	ppb
Cobalt	59-2	95.95	96.77	97.65	96.79	0.88	ppb
Copper	63-2	442.03	447.10	448.54	445.89	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				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	31846.72	32166.21	32441.15	32151.36	0.93	ppb
Iron	57-2	31650.22	31683.07	32144.50	31825.93	0.87	ppb
Iron	54-2	31751.84	32044.81	32581.58	32126.08	1.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:28:06	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	634.95	629.09	713.06	659.03	7.11	ppb
Lead	207-1	629.06	629.72	722.89	660.56	8.17	ppb
Lead	208-1	629.42	624.25	719.68	657.78	8.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	923.02	929.04	938.91	930.32	0.86	ppb
Manganese	55-2	201.33	201.08	203.94	202.12	0.78	ppb
Molybdenum	94-1	12.08	12.27	14.16	12.84	8.94	ppb
Molybdenum	95-1	9.94	9.88	11.48	10.43	8.69	ppb
Molybdenum	96-1	10.32	10.53	12.00	10.95	8.35	ppb
Molybdenum	97-1	10.13	10.16	11.45	10.58	7.14	ppb
Molybdenum	98-1	9.93	10.12	11.51	10.52	8.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.23	10.03	10.19	10.15	1.08	ppb
Phosphorus	31-2	59.02	59.73	46.83	55.19	13.14	ppb
Potassium	39-2	1354.20	1367.50	1383.13	1368.28	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.95	0.85	0.74	0.85	11.93	ppb
Selenium	77-2	0.78	0.97	1.30	1.02	25.68	ppb
Selenium	78-2	1.30	0.76	-0.13	0.65	112.11	ppb
Silicon	28-1	429.76	443.24	507.20	460.07	8.99	ppb
Silver	107-1	1.15	1.16	1.34	1.22	8.59	ppb
Silver	109-1	1.12	1.15	1.32	1.20	9.05	ppb
Sodium	23-2	1693.19	1703.58	1719.69	1705.49	0.78	ppb
Strontium	86-1	707.02	704.57	816.95	742.84	8.64	ppb
Strontium	88-1	703.95	710.28	816.30	743.51	8.49	ppb
Sulfur	34-1	-463.59	-326.88	238.69	-183.92		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.28	0.27	0.30	0.28	6.49	ppb
Thallium	205-1	0.27	0.26	0.31	0.28	8.74	ppb
Tin	118-1	103.59	106.58	120.73	110.30	8.30	ppb
Titanium	47-1	100.69	104.19	117.31	107.40	8.15	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:28:06	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.50	0.51	0.58	0.53	7.81	ppb
Vanadium	51-2	8.13	8.26	8.16	8.18	0.82	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	2435.54	2426.23	2471.79	2444.52	0.98	ppb
Zirconium	90-1	2.14	2.15	2.56	2.28	10.52	ppb
Zirconium	91-1	2.35	2.43	2.79	2.52	9.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL4X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:31:18	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1227.86	1232.73	1236.07	1232.22	0.33	ppb
Antimony	121-1	158.52	162.06	163.21	161.26	1.52	ppb
Arsenic	75-2	432.01	434.70	423.89	430.20	1.31	ppb
Barium	135-1	32.30	32.83	32.38	32.50	0.89	ppb
Barium	137-1	33.26	33.62	33.55	33.47	0.57	ppb
Beryllium	9-1	0.06	0.09	0.07	0.07	15.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.95	0.69	0.76	21.86	ppb
Cadmium	106-1	-0.37	-0.37	-0.59	-0.44		ppb
Cadmium	111-1	0.33	0.35	0.35	0.34	3.65	ppb
Calcium	43-1	2797.21	2764.26	2844.97	2802.15	1.45	ppb
Calcium	44-1	2702.24	2691.25	2765.54	2719.68	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.20	2.17	2.14	2.17	1.24	ppb
Cobalt	59-2	39.98	39.70	40.14	39.94	0.56	ppb
Copper	63-2	179.64	180.01	180.16	179.94	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	13162.06	13132.67	13063.65	13119.46	0.39	ppb
Iron	57-2	13053.65	12924.88	12768.96	12915.83	1.10	ppb
Iron	54-2	13236.19	13060.57	13209.69	13168.81	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL4X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:31:18	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	262.63	264.04	263.68	263.45	0.28	ppb
Lead	207-1	256.79	260.00	263.55	260.11	1.30	ppb
Lead	208-1	258.81	260.49	260.62	259.97	0.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	385.86	382.47	384.52	384.28	0.44	ppb
Manganese	55-2	83.69	83.03	83.95	83.56	0.57	ppb
Molybdenum	94-1	5.10	5.07	5.00	5.05	1.06	ppb
Molybdenum	95-1	3.98	4.08	4.09	4.05	1.49	ppb
Molybdenum	96-1	4.20	4.24	4.40	4.28	2.56	ppb
Molybdenum	97-1	3.93	4.16	4.19	4.09	3.43	ppb
Molybdenum	98-1	4.09	4.09	4.06	4.08	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.11	4.02	4.08	4.07	1.10	ppb
Phosphorus	31-2	11.10	16.35	14.69	14.05	19.09	ppb
Potassium	39-2	557.96	562.28	555.93	558.72	0.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	0.69	0.40	0.60	0.56	26.72	ppb
Selenium	77-2	0.16	0.33	0.32	0.27	34.55	ppb
Selenium	78-2	0.55	0.33	1.08	0.65	59.10	ppb
Silicon	28-1	176.05	182.31	180.70	179.69	1.81	ppb
Silver	107-1	0.46	0.49	0.47	0.47	4.03	ppb
Silver	109-1	0.47	0.47	0.48	0.47	1.38	ppb
Sodium	23-2	662.94	663.11	666.57	664.20	0.31	ppb
Strontium	86-1	290.80	291.47	292.31	291.53	0.26	ppb
Strontium	88-1	285.13	292.22	293.31	290.22	1.53	ppb
Sulfur	34-1	-871.35	-795.44	-750.78	-805.86		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.65	ppb
Thallium	205-1	0.11	0.10	0.10	0.11	2.99	ppb
Tin	118-1	42.52	43.27	43.18	42.99	0.96	ppb
Titanium	47-1	41.60	42.05	42.12	41.92	0.67	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL4X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:31:18	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.20	0.21	0.21	1.85	ppb
Vanadium	51-2	3.31	3.32	3.32	3.32	0.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	985.99	991.08	985.73	987.60	0.31	ppb
Zirconium	90-1	0.89	0.91	0.94	0.92	2.74	ppb
Zirconium	91-1	0.97	0.93	0.96	0.95	2.29	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:34:29	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14044.61	14180.12	14234.49	14153.07	0.69	ppb
Antimony	121-1	2118.78	2156.08	2136.13	2137.00	0.87	ppb
Arsenic	75-2	5856.20	5911.13	5901.25	5889.53	0.50	ppb
Barium	135-1	206.39	213.16	208.82	209.46	1.64	ppb
Barium	137-1	209.99	214.21	210.61	211.60	1.08	ppb
Beryllium	9-1	1.39	1.30	1.37	1.35	3.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.85	34.57	32.64	33.35	3.16	ppb
Cadmium	106-1	31.51	32.90	33.55	32.65	3.19	ppb
Cadmium	111-1	26.89	27.58	27.08	27.18	1.32	ppb
Calcium	43-1	46095.20	47154.22	46757.84	46669.09	1.15	ppb
Calcium	44-1	45492.22	47306.68	46763.00	46520.63	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	353.16	347.20	347.46	349.27	0.96	ppb
Cobalt	59-2	597.09	602.86	605.26	601.74	0.70	ppb
Copper	63-2	2195.02	2223.81	2205.04	2207.96	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				111		%
Holmium	165-2				108		%
Indium	115-1				122		%
Indium	115-2				118		%
Iron	56-2	175402.83	176827.34	174849.96	175693.38	0.58	ppb
Iron	57-2	173044.72	173995.08	173595.61	173545.14	0.27	ppb
Iron	54-2	174879.67	177094.52	174991.60	175655.26	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:34:29	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3245.04	3421.46	3364.21	3343.57	2.69	ppb
Lead	207-1	3228.85	3351.36	3319.03	3299.75	1.92	ppb
Lead	208-1	3242.68	3357.79	3321.91	3307.46	1.78	ppb
Lithium	6-1				105		%
Magnesium	24-2	6492.56	6707.61	6501.99	6567.39	1.85	ppb
Manganese	55-2	687.49	686.64	695.36	689.83	0.70	ppb
Molybdenum	94-1	359.51	373.04	374.50	369.02	2.24	ppb
Molybdenum	95-1	405.82	411.30	416.72	411.28	1.33	ppb
Molybdenum	96-1	407.01	415.09	418.38	413.50	1.42	ppb
Molybdenum	97-1	408.98	426.46	416.37	417.27	2.10	ppb
Molybdenum	98-1	412.09	420.29	417.53	416.64	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.56	77.01	76.68	76.75	0.30	ppb
Phosphorus	31-2	1004.16	1017.08	1006.93	1009.39	0.67	ppb
Potassium	39-2	3535.72	3471.81	3431.15	3479.56	1.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	13.78	14.23	14.21	14.07	1.81	ppb
Selenium	77-2	18.75	15.14	15.27	16.38	12.51	ppb
Selenium	78-2	14.01	13.45	13.33	13.60	2.68	ppb
Silicon	28-1	1772.11	1805.35	1810.85	1796.11	1.17	ppb
Silver	107-1	5.19	5.20	5.15	5.18	0.51	ppb
Silver	109-1	5.04	5.16	5.10	5.10	1.13	ppb
Sodium	23-2	11300.19	11452.10	11401.14	11384.48	0.68	ppb
Strontium	86-1	5456.42	5645.23	5604.07	5568.58	1.78	ppb
Strontium	88-1	5674.19	5804.30	5711.76	5730.08	1.17	ppb
Sulfur	34-1	3390.55	3680.93	3711.56	3594.35	4.93	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	9.63	10.18	10.08	9.96	2.95	ppb
Thallium	205-1	9.68	10.18	10.05	9.97	2.57	ppb
Tin	118-1	478.37	491.66	483.89	484.64	1.38	ppb
Titanium	47-1	701.21	729.33	728.01	719.52	2.21	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:34:29	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.45	4.67	4.59	4.57	2.41	ppb
Vanadium	51-2	44.42	44.93	45.01	44.79	0.72	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	11861.22	11721.08	11693.22	11758.51	0.77	ppb
Zirconium	90-1	16.76	17.36	17.39	17.17	2.09	ppb
Zirconium	91-1	18.19	18.37	18.44	18.33	0.71	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04A	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:37:25	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11228.35	11504.97	11358.94	11364.08	1.22	ppb
Antimony	121-1	5.57	5.40	5.48	5.48	1.56	ppb
Arsenic	75-2	49.11	49.50	49.92	49.51	0.83	ppb
Barium	135-1	178.01	176.80	177.18	177.33	0.35	ppb
Barium	137-1	181.28	179.03	179.68	180.00	0.65	ppb
Beryllium	9-1	0.87	0.83	0.87	0.86	3.16	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.51	5.07	4.62	4.73	6.22	ppb
Cadmium	106-1	5.71	5.42	5.00	5.38	6.63	ppb
Cadmium	111-1	4.60	4.48	4.57	4.55	1.44	ppb
Calcium	43-1	71450.05	74068.08	72317.81	72611.98	1.84	ppb
Calcium	44-1	71829.44	73008.62	72690.10	72509.38	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.95	45.67	44.94	45.19	0.92	ppb
Cobalt	59-2	18.63	18.76	18.60	18.66	0.46	ppb
Copper	63-2	44.72	45.10	44.74	44.85	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				111		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	43681.59	43966.58	43759.95	43802.70	0.34	ppb
Iron	57-2	43626.34	43566.04	43408.45	43533.61	0.26	ppb
Iron	54-2	43550.59	43762.72	43775.63	43696.32	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04A	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:37:25	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.48	81.74	82.10	81.77	0.38	ppb
Lead	207-1	74.81	75.09	75.11	75.00	0.22	ppb
Lead	208-1	77.36	77.47	77.54	77.46	0.12	ppb
Lithium	6-1				104		%
Magnesium	24-2	33294.20	33263.75	32973.38	33177.11	0.53	ppb
Manganese	55-2	1601.04	1605.51	1625.64	1610.73	0.81	ppb
Molybdenum	94-1	9.10	9.23	9.26	9.20	0.91	ppb
Molybdenum	95-1	3.47	3.52	3.50	3.50	0.68	ppb
Molybdenum	96-1	4.39	4.57	4.31	4.42	3.02	ppb
Molybdenum	97-1	3.49	3.49	3.55	3.51	0.96	ppb
Molybdenum	98-1	3.49	3.64	3.48	3.54	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.28	56.25	56.39	56.31	0.13	ppb
Phosphorus	31-2	969.73	963.70	926.33	953.25	2.47	ppb
Potassium	39-2	2000.67	2007.44	2000.94	2003.02	0.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	82-1	12.33	12.19	11.92	12.15	1.70	ppb
Selenium	77-2	19.00	16.50	21.17	18.89	12.36	ppb
Selenium	78-2	11.75	12.93	10.51	11.73	10.30	ppb
Silicon	28-1	948.74	963.06	949.61	953.80	0.84	ppb
Silver	107-1	0.33	0.30	0.31	0.31	5.34	ppb
Silver	109-1	0.33	0.30	0.30	0.31	5.62	ppb
Sodium	23-2	191.55	195.20	192.22	192.99	1.01	ppb
Strontium	86-1	1784.00	1850.79	1813.45	1816.08	1.84	ppb
Strontium	88-1	1821.51	1864.82	1864.58	1850.30	1.35	ppb
Sulfur	34-1	949.67	997.79	973.19	973.55	2.47	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	2.54	2.49	2.51	2.51	0.91	ppb
Thallium	205-1	2.53	2.50	2.50	2.51	0.83	ppb
Tin	118-1	1.62	1.62	1.64	1.63	0.93	ppb
Titanium	47-1	208.77	213.00	208.69	210.15	1.17	ppb

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04A	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:37:25	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.11	1.11	1.10	1.09	ppb
Vanadium	51-2	38.27	38.66	38.63	38.52	0.57	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	642.98	644.84	638.47	642.10	0.51	ppb
Zirconium	90-1	3.40	3.48	3.44	3.44	1.15	ppb
Zirconium	91-1	3.48	3.54	3.51	3.51	0.96	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04A	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:40:37	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21454.70	21632.92	21323.31	21470.31	0.72	ppb
Antimony	121-1	3.66	3.74	3.72	3.71	1.00	ppb
Arsenic	75-2	55.49	54.60	56.22	55.44	1.46	ppb
Barium	135-1	243.82	248.10	243.32	245.08	1.07	ppb
Barium	137-1	245.75	251.25	246.83	247.94	1.17	ppb
Beryllium	9-1	1.29	1.27	1.22	1.26	2.72	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.06	0.84	1.01	15.06	ppb
Cadmium	106-1	1.29	1.03	1.30	1.21	12.73	ppb
Cadmium	111-1	0.48	0.50	0.48	0.49	2.19	ppb
Calcium	43-1	88922.16	91681.97	90634.60	90412.91	1.54	ppb
Calcium	44-1	89501.55	91295.48	90531.66	90442.90	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.31	44.89	44.88	44.69	0.75	ppb
Cobalt	59-2	28.85	28.48	28.75	28.69	0.67	ppb
Copper	63-2	50.98	50.71	50.82	50.83	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				110		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	55098.46	54725.63	55157.99	54994.03	0.43	ppb
Iron	57-2	56337.31	54580.79	54892.40	55270.17	1.70	ppb
Iron	54-2	55326.49	55221.81	55008.56	55185.62	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04A	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:40:37	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.69	35.90	36.41	36.00	1.03	ppb
Lead	207-1	32.78	32.54	33.07	32.80	0.82	ppb
Lead	208-1	33.76	33.80	34.37	33.98	0.99	ppb
Lithium	6-1				103		%
Magnesium	24-2	35485.90	35552.28	35487.62	35508.60	0.11	ppb
Manganese	55-2	982.92	969.16	967.29	973.12	0.88	ppb
Molybdenum	94-1	13.70	14.21	14.20	14.04	2.10	ppb
Molybdenum	95-1	2.68	2.62	2.69	2.67	1.45	ppb
Molybdenum	96-1	4.17	4.22	4.40	4.26	2.80	ppb
Molybdenum	97-1	2.68	2.62	2.67	2.66	1.16	ppb
Molybdenum	98-1	2.69	2.67	2.68	2.68	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.75	73.95	74.49	74.40	0.55	ppb
Phosphorus	31-2	1041.69	1023.44	1071.98	1045.70	2.34	ppb
Potassium	39-2	3716.23	3490.85	3460.18	3555.75	3.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	82-1	11.77	11.70	11.57	11.68	0.88	ppb
Selenium	77-2	19.20	19.21	20.73	19.71	4.47	ppb
Selenium	78-2	9.81	12.15	11.77	11.24	11.17	ppb
Silicon	28-1	343.62	393.07	310.56	349.08	11.90	ppb
Silver	107-1	0.13	0.13	0.14	0.14	2.58	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.41	ppb
Sodium	23-2	273.34	274.61	273.57	273.84	0.25	ppb
Strontium	86-1	2971.30	3029.23	3040.76	3013.76	1.24	ppb
Strontium	88-1	3125.51	3127.78	3125.62	3126.30	0.04	ppb
Sulfur	34-1	1065.42	1236.26	1188.94	1163.54	7.58	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	2.46	2.43	2.50	2.47	1.44	ppb
Thallium	205-1	2.45	2.45	2.50	2.46	1.17	ppb
Tin	118-1	1.09	1.09	1.08	1.08	0.53	ppb
Titanium	47-1	240.98	243.29	244.95	243.07	0.82	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04A	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:40:37	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.76	1.75	1.74	1.75	0.55	ppb
Vanadium	51-2	55.19	54.80	55.11	55.03	0.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	163.52	163.48	161.75	162.92	0.62	ppb
Zirconium	90-1	6.44	6.49	7.28	6.74	6.97	ppb
Zirconium	91-1	6.35	6.29	6.26	6.30	0.70	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:43:51	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25355.68	25213.11	25059.20	25209.33	0.59	ppb
Antimony	121-1	3.68	3.68	3.75	3.70	1.10	ppb
Arsenic	75-2	26.45	26.00	26.89	26.45	1.69	ppb
Barium	135-1	97.49	97.55	99.69	98.25	1.28	ppb
Barium	137-1	98.57	99.73	101.38	99.89	1.41	ppb
Beryllium	9-1	0.91	0.98	0.98	0.96	4.72	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.23	2.76	3.32	3.10	9.70	ppb
Cadmium	106-1	3.16	4.35	3.93	3.82	15.80	ppb
Cadmium	111-1	2.88	2.99	2.97	2.94	1.94	ppb
Calcium	43-1	12660.03	13101.92	12921.92	12894.62	1.72	ppb
Calcium	44-1	12431.87	12784.59	12531.65	12582.70	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.58	30.50	30.66	30.58	0.25	ppb
Cobalt	59-2	32.02	32.02	32.53	32.19	0.91	ppb
Copper	63-2	95.76	95.68	95.90	95.78	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	51621.00	51703.42	51887.14	51737.19	0.26	ppb
Iron	57-2	50892.50	51170.57	50530.73	50864.60	0.63	ppb
Iron	54-2	51191.22	52056.14	51971.41	51739.59	0.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:43:51	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.37	93.33	94.41	93.37	1.10	ppb
Lead	207-1	87.13	88.40	90.10	88.54	1.68	ppb
Lead	208-1	92.41	92.12	94.72	93.09	1.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	13073.12	13200.11	13165.73	13146.32	0.50	ppb
Manganese	55-2	836.21	838.38	839.60	838.06	0.20	ppb
Molybdenum	94-1	9.23	9.37	9.26	9.29	0.78	ppb
Molybdenum	95-1	0.77	0.75	0.75	0.76	1.54	ppb
Molybdenum	96-1	1.93	2.02	2.15	2.03	5.25	ppb
Molybdenum	97-1	0.78	0.78	0.80	0.78	1.30	ppb
Molybdenum	98-1	0.76	0.73	0.77	0.75	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.35	41.07	40.71	40.71	0.88	ppb
Phosphorus	31-2	751.55	773.73	782.58	769.28	2.08	ppb
Potassium	39-2	899.07	904.74	903.70	902.50	0.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	11.79	11.65	11.88	11.78	0.97	ppb
Selenium	77-2	18.90	17.77	16.61	17.76	6.47	ppb
Selenium	78-2	12.28	12.98	13.80	13.02	5.83	ppb
Silicon	28-1	416.27	437.39	406.57	420.08	3.75	ppb
Silver	107-1	0.07	0.08	0.08	0.07	5.56	ppb
Silver	109-1	0.08	0.07	0.07	0.07	9.44	ppb
Sodium	23-2	246.14	249.53	249.94	248.54	0.84	ppb
Strontium	86-1	1739.17	1727.82	1759.01	1742.00	0.91	ppb
Strontium	88-1	1796.43	1812.86	1819.57	1809.62	0.66	ppb
Sulfur	34-1	-309.37	-395.20	-514.80	-406.46		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	2.53	2.60	2.71	2.61	3.44	ppb
Thallium	205-1	2.58	2.59	2.66	2.61	1.64	ppb
Tin	118-1	1.82	1.87	1.95	1.88	3.69	ppb
Titanium	47-1	237.36	243.55	243.75	241.55	1.50	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:43:51	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.95	1.00	0.97	2.69	ppb
Vanadium	51-2	120.08	120.90	120.35	120.44	0.34	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	119.27	121.42	121.08	120.59	0.96	ppb
Zirconium	90-1	4.89	4.67	4.77	4.78	2.21	ppb
Zirconium	91-1	4.71	4.85	5.03	4.86	3.27	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:47:04	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17776.95	17917.86	17711.29	17802.03	0.59	ppb
Antimony	121-1	4.46	4.54	4.57	4.52	1.25	ppb
Arsenic	75-2	218.56	217.33	215.10	216.99	0.81	ppb
Barium	135-1	138.85	140.77	141.75	140.46	1.05	ppb
Barium	137-1	141.44	143.04	143.89	142.79	0.87	ppb
Beryllium	9-1	0.69	0.73	0.63	0.69	7.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.91	4.60	5.16	4.89	5.73	ppb
Cadmium	106-1	8.32	8.08	7.23	7.88	7.23	ppb
Cadmium	111-1	2.08	2.11	1.95	2.05	4.04	ppb
Calcium	43-1	12947.08	13249.12	13419.76	13205.32	1.81	ppb
Calcium	44-1	12706.36	12880.29	12911.56	12832.74	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.70	25.69	25.81	25.74	0.25	ppb
Cobalt	59-2	24.13	24.14	24.00	24.09	0.32	ppb
Copper	63-2	61.56	61.82	61.54	61.64	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				103		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	54004.61	54394.99	53949.22	54116.27	0.45	ppb
Iron	57-2	53417.94	53466.13	52899.59	53261.22	0.59	ppb
Iron	54-2	54451.10	53688.16	53853.37	53997.54	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:47:04	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.17	39.12	40.41	39.57	1.84	ppb
Lead	207-1	37.17	37.50	38.65	37.77	2.06	ppb
Lead	208-1	37.87	38.04	39.21	38.37	1.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	12218.40	12454.47	12356.70	12343.19	0.96	ppb
Manganese	55-2	800.20	792.36	786.77	793.11	0.85	ppb
Molybdenum	94-1	65.46	66.07	66.05	65.86	0.53	ppb
Molybdenum	95-1	0.77	0.75	0.75	0.76	1.42	ppb
Molybdenum	96-1	8.03	7.97	8.07	8.02	0.62	ppb
Molybdenum	97-1	0.74	0.71	0.73	0.73	2.14	ppb
Molybdenum	98-1	0.76	0.73	0.75	0.75	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.82	46.28	45.95	46.35	0.95	ppb
Phosphorus	31-2	2624.61	2603.39	2634.24	2620.75	0.60	ppb
Potassium	39-2	1040.88	1038.12	1037.10	1038.70	0.19	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	12.44	11.52	11.79	11.92	3.97	ppb
Selenium	77-2	22.24	18.73	28.04	23.00	20.43	ppb
Selenium	78-2	12.84	13.84	12.75	13.14	4.61	ppb
Silicon	28-1	480.90	482.95	489.62	484.49	0.94	ppb
Silver	107-1	0.09	0.09	0.08	0.09	6.77	ppb
Silver	109-1	0.06	0.06	0.06	0.06	6.62	ppb
Sodium	23-2	730.37	730.67	723.47	728.17	0.56	ppb
Strontium	86-1	1846.65	1822.18	1856.20	1841.68	0.95	ppb
Strontium	88-1	1878.47	1909.62	1910.68	1899.59	0.96	ppb
Sulfur	34-1	-701.00	-758.16	-728.45	-729.20		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	2.44	2.40	2.55	2.46	3.10	ppb
Thallium	205-1	2.43	2.46	2.53	2.47	2.22	ppb
Tin	118-1	1.82	1.86	1.92	1.87	2.59	ppb
Titanium	47-1	2926.33	2966.15	2956.80	2949.76	0.71	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:47:04	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.02	1.05	1.02	2.56	ppb
Vanadium	51-2	134.48	134.44	133.98	134.30	0.21	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	119.37	120.30	118.33	119.33	0.83	ppb
Zirconium	90-1	35.61	36.02	36.17	35.94	0.80	ppb
Zirconium	91-1	36.06	36.34	36.51	36.30	0.63	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:50:19	DataFile Name :	183CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48192.07	47954.11	48141.46	48095.88	0.26	ppb
Antimony	121-1	484.48	496.01	491.85	490.78	1.19	ppb
Arsenic	75-2	485.80	490.58	482.36	486.25	0.85	ppb
Barium	135-1	2446.10	2519.77	2468.21	2478.03	1.53	ppb
Barium	137-1	2450.59	2531.34	2472.85	2484.93	1.68	ppb
Beryllium	9-1	478.40	490.49	479.56	482.82	1.38	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	474.23	490.59	486.30	483.71	1.75	ppb
Cadmium	106-1	479.35	492.26	479.56	483.72	1.53	ppb
Cadmium	111-1	462.02	476.05	469.24	469.10	1.49	ppb
Calcium	43-1	253308.35	256666.49	256753.52	255576.12	0.77	ppb
Calcium	44-1	253227.32	254428.16	254984.12	254213.20	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.13	503.29	499.01	501.48	0.44	ppb
Cobalt	59-2	498.83	494.49	494.60	495.97	0.50	ppb
Copper	63-2	4940.89	4884.29	4866.75	4897.31	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				101		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	129100.84	127363.31	128189.43	128217.86	0.68	ppb
Iron	57-2	129267.16	128201.24	127350.42	128272.94	0.75	ppb
Iron	54-2	130145.47	126543.59	128711.09	128466.72	1.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:50:19	DataFile Name :	183CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2548.50	2544.88	2526.67	2540.01	0.46	ppb
Lead	207-1	2516.18	2547.92	2495.81	2519.97	1.04	ppb
Lead	208-1	2516.38	2552.74	2514.89	2528.00	0.85	ppb
Lithium	6-1				92		%
Magnesium	24-2	249325.42	247282.48	248436.70	248348.20	0.41	ppb
Manganese	55-2	4993.44	4879.09	4942.52	4938.35	1.16	ppb
Molybdenum	94-1	4969.83	5080.17	4993.55	5014.52	1.16	ppb
Molybdenum	95-1	5060.90	5069.68	5002.56	5044.38	0.72	ppb
Molybdenum	96-1	5033.48	5087.04	5026.67	5049.06	0.65	ppb
Molybdenum	97-1	5018.81	5054.87	5054.05	5042.58	0.41	ppb
Molybdenum	98-1	5012.28	5008.15	5036.19	5018.87	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.83	472.61	475.74	476.39	0.87	ppb
Phosphorus	31-2	9921.46	9709.52	9804.78	9811.92	1.08	ppb
Potassium	39-2	123326.51	121437.16	122146.19	122303.29	0.78	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				79		%
Selenium	82-1	473.38	480.76	477.43	477.19	0.77	ppb
Selenium	77-2	465.15	465.87	472.60	467.87	0.88	ppb
Selenium	78-2	471.15	471.46	472.98	471.86	0.21	ppb
Silicon	28-1	249.62	252.75	253.13	251.83	0.76	ppb
Silver	107-1	469.76	485.08	478.51	477.78	1.61	ppb
Silver	109-1	476.89	482.22	477.41	478.84	0.61	ppb
Sodium	23-2	248042.80	245405.65	245747.98	246398.81	0.58	ppb
Strontium	86-1	12465.79	12621.78	12508.15	12531.91	0.64	ppb
Strontium	88-1	12304.18	12500.65	12534.52	12446.45	1.00	ppb
Sulfur	34-1	10349.68	10447.35	10449.12	10415.38	0.55	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	511.12	516.65	509.54	512.44	0.73	ppb
Thallium	205-1	510.13	511.32	507.57	509.67	0.38	ppb
Tin	118-1	481.22	504.83	489.72	491.92	2.43	ppb
Titanium	47-1	4936.23	4997.98	5002.82	4979.01	0.75	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:50:19	DataFile Name :	183CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	507.78	515.20	515.37	512.78	0.85	ppb
Vanadium	51-2	513.42	509.84	510.74	511.33	0.36	ppb
Yttrium	89-1				91		%
Yttrium	89-2				85		%
Zinc	66-2	4859.09	4815.92	4751.79	4808.93	1.12	ppb
Zirconium	90-1	491.77	502.52	498.92	497.74	1.10	ppb
Zirconium	91-1	491.27	502.70	502.43	498.80	1.31	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:53:06	DataFile Name :	184CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.80	4.18	4.17	4.39	8.27	ppb
Antimony	121-1	0.27	0.22	0.21	0.24	13.83	ppb
Arsenic	75-2	0.09	0.09	0.08	0.09	6.97	ppb
Barium	135-1	0.30	0.23	0.23	0.25	15.28	ppb
Barium	137-1	0.31	0.23	0.23	0.26	17.87	ppb
Beryllium	9-1	0.14	0.12	0.03	0.10	59.89	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.07	0.08	0.09	39.44	ppb
Cadmium	106-1	-0.61	-1.12	-1.43	-1.05		ppb
Cadmium	111-1	0.06	0.04	0.03	0.04	26.84	ppb
Calcium	43-1	35.02	24.33	24.96	28.11	21.34	ppb
Calcium	44-1	33.43	26.04	23.04	27.50	19.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.04	0.05	23.09	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	23.57	ppb
Copper	63-2	0.53	0.48	0.47	0.50	6.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	12.32	11.79	11.22	11.78	4.67	ppb
Iron	57-2	10.91	8.93	9.05	9.63	11.58	ppb
Iron	54-2	11.70	12.52	10.47	11.56	8.93	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:53:06	DataFile Name :	184CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.36	0.28	0.26	0.30	18.02	ppb
Lead	207-1	0.36	0.30	0.25	0.30	17.67	ppb
Lead	208-1	0.36	0.29	0.27	0.31	15.76	ppb
Lithium	6-1				99		%
Magnesium	24-2	20.14	18.78	17.82	18.92	6.17	ppb
Manganese	55-2	0.47	0.42	0.42	0.44	5.69	ppb
Molybdenum	94-1	0.82	0.63	0.54	0.67	21.32	ppb
Molybdenum	95-1	0.78	0.57	0.55	0.64	20.15	ppb
Molybdenum	96-1	0.74	0.60	0.54	0.63	17.08	ppb
Molybdenum	97-1	0.74	0.62	0.53	0.63	16.78	ppb
Molybdenum	98-1	0.76	0.61	0.53	0.63	17.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-16.62	-16.30	-14.01	-15.64		ppb
Potassium	39-2	14.99	14.37	13.69	14.35	4.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				86		%
Scandium	45-2				82		%
Selenium	82-1	0.57	0.17	0.07	0.27	98.72	ppb
Selenium	77-2	0.18	0.70	0.35	0.41	64.87	ppb
Selenium	78-2	-1.54	-0.23	-0.82	-0.86		ppb
Silicon	28-1	-4.81	-4.16	-3.92	-4.30		ppb
Silver	107-1	0.10	0.08	0.07	0.09	15.47	ppb
Silver	109-1	0.10	0.07	0.08	0.09	18.44	ppb
Sodium	23-2	37.41	36.74	34.60	36.25	4.04	ppb
Strontium	86-1	1.21	1.04	1.21	1.15	8.59	ppb
Strontium	88-1	1.69	1.27	1.21	1.39	19.16	ppb
Sulfur	34-1	-341.79	-168.42	-106.72	-205.64		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.10	0.07	0.09	20.28	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	19.59	ppb
Tin	118-1	0.13	0.08	0.08	0.10	27.50	ppb
Titanium	47-1	0.78	0.50	0.54	0.60	25.05	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:53:06	DataFile Name :	184CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.04	0.05	16.18	ppb
Vanadium	51-2	0.04	0.05	0.04	0.04	7.44	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	0.50	0.55	0.63	0.56	11.80	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	11.51	ppb
Zirconium	91-1	0.10	0.08	0.06	0.08	27.12	ppb

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:36:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	93	107	98	7.88	cps
Antimony	121-1	43	53	80	59	32.19	cps
Arsenic	75-2	23	20	10	18	39.03	cps
Barium	135-1	53	60	70	61	13.73	cps
Barium	137-1	103	57	93	84	29.09	cps
Beryllium	9-1	70	77	63	70	9.53	cps
Bismuth	209-1	9131764	9033573	9211849	9125729	0.98	cps
Bismuth	209-2	8064088	8035867	8027063	8042339	0.24	cps
Bromine	81-1	14791	15265	15131	15062	1.62	cps
Bromine	81-2	220	233	193	216	9.45	cps
Cadmium	108-1	3	17	17	12	63.01	cps
Cadmium	106-1	4681	4497	4227	4469	5.11	cps
Cadmium	111-1	951	911	864	909	4.78	cps
Calcium	43-1	237	223	183	214	12.94	cps
Calcium	44-1	6625	6521	6705	6617	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2377	2190	2240	2269	4.26	cps
Cobalt	59-2	203	180	183	189	6.68	cps
Copper	63-2	1073	1117	1007	1066	5.20	cps
Dysprosium	156-1	20	7	10	12	56.76	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	50	80	80	70	24.74	cps
Erbium	164-2	63	60	57	60	5.55	cps
Gadolinium	160-1	90	47	43	60	43.39	cps
Gadolinium	160-2	690	660	710	687	3.66	cps
Holmium	165-1	15265650	14953494	14930579	15049908	1.24	cps
Holmium	165-2	11287602	11340922	11277327	11301950	0.30	cps
Indium	115-1	12756206	12728040	12629533	12704593	0.52	cps
Indium	115-2	4991309	5007176	4977079	4991855	0.30	cps
Iron	56-2	21783	21749	23166	22233	3.64	cps
Iron	57-2	1133	1297	1323	1251	8.22	cps
Iron	54-2	2787	2867	2717	2790	2.69	cps
Krypton	83-1	230	243	197	223	10.76	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:36:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	377	450	407	411	8.97	cps
Lead	207-1	387	330	353	357	7.99	cps
Lead	208-1	1577	1590	1527	1565	2.13	cps
Lithium	6-1	1953923	1951255	1957512	1954230	0.16	cps
Magnesium	24-2	963	920	1063	982	7.48	cps
Manganese	55-2	300	287	310	299	3.92	cps
Molybdenum	94-1	427	320	423	390	15.55	cps
Molybdenum	95-1	323	320	313	319	1.60	cps
Molybdenum	96-1	320	333	360	338	6.03	cps
Molybdenum	97-1	187	153	170	170	9.80	cps
Molybdenum	98-1	403	457	453	438	6.83	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	727	673	710	703	3.88	cps
Phosphorus	31-2	160	197	157	171	12.97	cps
Potassium	39-2	57508	58817	57772	58032	1.19	cps
Rhodium	103-1	11798118	11924757	11782099	11834991	0.66	cps
Rhodium	103-2	7299053	7150658	7170799	7206837	1.12	cps
Scandium	45-1	7142726	7010433	7045090	7066083	0.97	cps
Scandium	45-2	651561	644270	640906	645579	0.84	cps
Selenium	82-1	113	94	177	128	34.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	487	450	503	480	5.68	cps
Silicon	28-1	672209	666941	675136	671428	0.62	cps
Silver	107-1	113	120	87	107	16.53	cps
Silver	109-1	53	60	47	53	12.50	cps
Sodium	23-2	20133	19569	19479	19727	1.80	cps
Strontium	86-1	343	350	323	339	4.10	cps
Strontium	88-1	170	163	183	172	5.91	cps
Sulfur	34-1	192635	189786	188480	190300	1.12	cps
Terbium	159-1	15646949	15540991	15483833	15557258	0.53	cps
Terbium	159-2	11321367	11037571	11044537	11134492	1.45	cps
Thallium	203-1	373	433	380	396	8.31	cps
Thallium	205-1	943	777	873	864	9.68	cps
Tin	118-1	1097	1190	1007	1098	8.35	cps
Titanium	47-1	63	70	67	67	5.00	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:36:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	7	10	12	56.76	cps
Vanadium	51-2	37	23	33	31	22.31	cps
Yttrium	89-1	19239131	19088925	19098314	19142123	0.44	cps
Yttrium	89-2	5609649	5540495	5491703	5547282	1.07	cps
Zinc	66-2	133	127	160	140	12.60	cps
Zirconium	90-1	773	770	737	760	2.67	cps
Zirconium	91-1	147	143	90	127	25.11	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:46:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	913	870	900	2.89	cps
Antimony	121-1	2694	2817	2870	2794	3.24	cps
Arsenic	75-2	90	117	87	98	16.82	cps
Barium	135-1	3397	3384	3344	3375	0.82	cps
Barium	137-1	5835	5768	5735	5779	0.88	cps
Beryllium	9-1	277	260	237	258	7.79	cps
Bismuth	209-1	9456182	8953634	9486630	9298815	3.22	cps
Bismuth	209-2	8149500	8167898	8176764	8164721	0.17	cps
Bromine	81-1	15218	15195	15625	15346	1.58	cps
Bromine	81-2	170	200	147	172	15.52	cps
Cadmium	108-1	53	23	50	42	38.95	cps
Cadmium	106-1	4924	4511	4621	4685	4.57	cps
Cadmium	111-1	Rejected	Rejected	Rejected			cps
Calcium	43-1	2073	2167	2150	2130	2.34	cps
Calcium	44-1	37249	37994	37790	37678	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3317	3427	3367	3370	1.63	cps
Cobalt	59-2	1193	1170	1083	1149	5.05	cps
Copper	63-2	2320	2450	2304	2358	3.41	cps
Dysprosium	156-1	17	3	10	10	66.70	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	80	70	77	76	6.74	cps
Erbium	164-2	50	43	60	51	16.42	cps
Gadolinium	160-1	43	70	40	51	32.17	cps
Gadolinium	160-2	740	670	703	704	4.97	cps
Holmium	165-1	15742321	14765151	15793390	15433621	3.75	cps
Holmium	165-2	11499469	11400437	11464679	11454861	0.44	cps
Indium	115-1	13023861	12206551	13297645	12842686	4.42	cps
Indium	115-2	5119088	5103793	5102086	5108322	0.18	cps
Iron	56-2	49535	49772	48973	49426	0.83	cps
Iron	57-2	2007	2067	1960	2011	2.66	cps
Iron	54-2	4567	4431	4374	4457	2.23	cps
Krypton	83-1	183	267	217	222	18.87	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:46:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1447	1290	1343	1360	5.86	cps
Lead	207-1	1197	1157	1170	1175	1.73	cps
Lead	208-1	5294	5350	5390	5345	0.91	cps
Lithium	6-1	2027678	1850533	2045731	1974647	5.46	cps
Magnesium	24-2	26900	27414	27007	27107	1.00	cps
Manganese	55-2	707	787	807	767	6.90	cps
Molybdenum	94-1	3007	3077	2964	3016	1.90	cps
Molybdenum	95-1	3547	3597	3674	3606	1.77	cps
Molybdenum	96-1	4067	3994	4121	4061	1.57	cps
Molybdenum	97-1	2327	2327	2114	2256	5.46	cps
Molybdenum	98-1	5708	5745	5351	5601	3.88	cps
Neodymium	150-1	10	13	7	10	33.30	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	900	1010	897	936	6.89	cps
Phosphorus	31-2	237	213	210	220	6.60	cps
Potassium	39-2	93796	94709	93974	94160	0.51	cps
Rhodium	103-1	12296483	11522907	12455090	12091493	4.12	cps
Rhodium	103-2	7435887	7475872	7415517	7442425	0.41	cps
Scandium	45-1	7252525	6844872	7380866	7159421	3.91	cps
Scandium	45-2	662709	661617	663338	662554	0.13	cps
Selenium	82-1	271	209	195	225	18.09	cps
Selenium	77-2	17	17	3	12	63.01	cps
Selenium	78-2	543	477	580	533	9.82	cps
Silicon	28-1	702944	704356	696408	701236	0.60	cps
Silver	107-1	1753	1630	1593	1659	5.05	cps
Silver	109-1	1533	1650	1603	1596	3.68	cps
Sodium	23-2	59983	59100	58849	59310	1.00	cps
Strontium	86-1	747	800	797	781	3.82	cps
Strontium	88-1	3911	3901	3917	3909	0.21	cps
Sulfur	34-1	193788	193377	192807	193324	0.26	cps
Terbium	159-1	15986625	15176078	16054636	15739113	3.11	cps
Terbium	159-2	11376684	11326624	11342848	11348718	0.23	cps
Thallium	203-1	1590	1533	1450	1525	4.62	cps
Thallium	205-1	3474	3571	3611	3552	1.98	cps
Tin	118-1	6905	6885	6798	6863	0.83	cps
Titanium	47-1	957	987	923	956	3.32	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S01	Instrumnet Name :	P7
Client Sample ID :	S01	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:46:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3307	3354	3430	3364	1.85	cps
Vanadium	51-2	2674	2497	2470	2547	4.34	cps
Yttrium	89-1	20017340	18564929	19958701	19513657	4.21	cps
Yttrium	89-2	5741092	5635993	5698005	5691696	0.93	cps
Zinc	66-2	680	757	793	743	7.78	cps
Zirconium	90-1	2814	2760	3070	2881	5.75	cps
Zirconium	91-1	583	563	597	581	2.89	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:49:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6535	6435	6355	6441	1.40	cps
Antimony	121-1	26024	26571	26878	26491	1.63	cps
Arsenic	75-2	807	963	863	878	9.04	cps
Barium	135-1	33376	33259	33610	33415	0.53	cps
Barium	137-1	57455	57348	57559	57454	0.18	cps
Beryllium	9-1	1757	1847	1760	1788	2.85	cps
Bismuth	209-1	9486109	9178654	9202421	9289061	1.84	cps
Bismuth	209-2	8212103	8293291	8163049	8222814	0.80	cps
Bromine	81-1	15548	15972	15492	15671	1.68	cps
Bromine	81-2	170	180	193	181	6.47	cps
Cadmium	108-1	287	260	300	282	7.22	cps
Cadmium	106-1	5151	5104	5101	5119	0.55	cps
Cadmium	111-1	4602	4798	4571	4657	2.64	cps
Calcium	43-1	18585	18628	18458	18557	0.48	cps
Calcium	44-1	307246	307744	309634	308208	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14020	13750	13396	13722	2.28	cps
Cobalt	59-2	9476	9563	9396	9479	0.88	cps
Copper	63-2	13653	13149	13206	13336	2.07	cps
Dysprosium	156-1	20	20	7	16	49.47	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	53	50	83	62	29.50	cps
Erbium	164-2	47	57	40	48	17.56	cps
Gadolinium	160-1	63	37	77	59	34.58	cps
Gadolinium	160-2	770	660	743	724	7.92	cps
Holmium	165-1	15681090	15426580	15453649	15520440	0.90	cps
Holmium	165-2	11462868	11406479	11495199	11454849	0.39	cps
Indium	115-1	13313442	12882728	13023658	13073276	1.68	cps
Indium	115-2	5116177	5022182	5121057	5086472	1.10	cps
Iron	56-2	302661	302430	302243	302445	0.07	cps
Iron	57-2	8456	8716	8686	8619	1.65	cps
Iron	54-2	18608	18471	18361	18480	0.67	cps
Krypton	83-1	213	187	213	204	7.53	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:49:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9827	10034	9880	9914	1.08	cps
Lead	207-1	8990	8559	8716	8755	2.49	cps
Lead	208-1	39139	39496	39927	39521	1.00	cps
Lithium	6-1	2033785	2008596	1982229	2008204	1.28	cps
Magnesium	24-2	260937	263547	259754	261413	0.74	cps
Manganese	55-2	4951	4797	4834	4861	1.65	cps
Molybdenum	94-1	26494	27937	27659	27363	2.80	cps
Molybdenum	95-1	33832	33729	33465	33675	0.56	cps
Molybdenum	96-1	37678	37351	37017	37349	0.89	cps
Molybdenum	97-1	21309	20875	21095	21093	1.03	cps
Molybdenum	98-1	53200	53842	53414	53485	0.61	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	3017	3037	2820	2958	4.05	cps
Phosphorus	31-2	753	790	680	741	7.56	cps
Potassium	39-2	405512	412028	409752	409097	0.81	cps
Rhodium	103-1	12315941	12163001	12083434	12187459	0.97	cps
Rhodium	103-2	7465696	7378392	7418973	7421020	0.59	cps
Scandium	45-1	7402054	7325874	7238693	7322207	1.12	cps
Scandium	45-2	661544	656295	666245	661362	0.75	cps
Selenium	82-1	1226	1224	1168	1206	2.74	cps
Selenium	77-2	147	103	103	118	21.25	cps
Selenium	78-2	950	1000	963	971	2.67	cps
Silicon	28-1	736076	733534	726947	732186	0.64	cps
Silver	107-1	17187	16750	16636	16858	1.72	cps
Silver	109-1	15926	15829	16476	16077	2.17	cps
Sodium	23-2	413382	415753	410704	413280	0.61	cps
Strontium	86-1	4734	4487	4794	4672	3.48	cps
Strontium	88-1	37568	37518	37240	37442	0.47	cps
Sulfur	34-1	196972	199379	199785	198712	0.77	cps
Terbium	159-1	16122965	15706885	15874789	15901546	1.32	cps
Terbium	159-2	11340500	11310758	11415947	11355735	0.48	cps
Thallium	203-1	12446	12189	12666	12434	1.92	cps
Thallium	205-1	28754	29241	29255	29083	0.98	cps
Tin	118-1	57196	57106	56326	56876	0.84	cps
Titanium	47-1	8656	8573	8552	8594	0.64	cps

Reviewed By:Mohan
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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:49:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34311	35043	34077	34477	1.46	cps
Vanadium	51-2	25632	25732	25926	25763	0.58	cps
Yttrium	89-1	20094285	19767039	19771489	19877604	0.94	cps
Yttrium	89-2	5723176	5629830	5627271	5660092	0.97	cps
Zinc	66-2	5591	5838	5701	5710	2.17	cps
Zirconium	90-1	22658	22858	22384	22633	1.05	cps
Zirconium	91-1	4784	5238	5034	5019	4.53	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:52:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306350	303568	301077	303665	0.87	cps
Antimony	121-1	647435	641523	640147	643035	0.60	cps
Arsenic	75-2	35954	35152	35422	35509	1.15	cps
Barium	135-1	806014	810009	808797	808273	0.25	cps
Barium	137-1	1401090	1412636	1412386	1408704	0.47	cps
Beryllium	9-1	83563	83124	84140	83609	0.61	cps
Bismuth	209-1	9439158	9236199	9329624	9334993	1.09	cps
Bismuth	209-2	8091373	7985148	8033723	8036748	0.66	cps
Bromine	81-1	15241	15201	15101	15181	0.48	cps
Bromine	81-2	120	107	120	116	6.66	cps
Cadmium	108-1	12806	12649	12732	12729	0.62	cps
Cadmium	106-1	23149	22925	22431	22835	1.61	cps
Cadmium	111-1	172723	174341	173295	173453	0.47	cps
Calcium	43-1	181083	181433	181724	181413	0.18	cps
Calcium	44-1	2837734	2839949	2809380	2829021	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	268527	267478	264705	266903	0.74	cps
Cobalt	59-2	418958	416737	412844	416180	0.74	cps
Copper	63-2	3163606	3112397	3060073	3112025	1.66	cps
Dysprosium	156-1	57	23	10	30	80.13	cps
Dysprosium	156-2	40	37	67	48	34.42	cps
Erbium	164-1	70	73	60	68	10.24	cps
Erbium	164-2	60	83	47	63	29.30	cps
Gadolinium	160-1	63	63	50	59	13.07	cps
Gadolinium	160-2	807	690	687	728	9.39	cps
Holmium	165-1	15491547	15443756	15452124	15462476	0.17	cps
Holmium	165-2	11330628	11319324	11216822	11288924	0.56	cps
Indium	115-1	13011305	12779922	12908581	12899936	0.90	cps
Indium	115-2	4976110	4942335	4887946	4935463	0.90	cps
Iron	56-2	13040478	12802816	12804764	12882686	1.06	cps
Iron	57-2	326980	325537	323731	325416	0.50	cps
Iron	54-2	718535	715816	711590	715314	0.49	cps
Krypton	83-1	207	217	197	207	4.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:52:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2424779	2459261	2418851	2434297	0.90	cps
Lead	207-1	2190140	2154000	2136043	2160061	1.28	cps
Lead	208-1	9901716	9869351	9829993	9867020	0.36	cps
Lithium	6-1	2041563	2033517	2025932	2033671	0.38	cps
Magnesium	24-2	2454057	2447745	2425181	2442328	0.62	cps
Manganese	55-2	2235034	2237448	2196496	2222992	1.03	cps
Molybdenum	94-1	2293326	2264041	2227606	2261658	1.46	cps
Molybdenum	95-1	3337545	3274574	3267166	3293095	1.17	cps
Molybdenum	96-1	3612314	3614152	3575502	3600656	0.61	cps
Molybdenum	97-1	2065230	2049402	2071305	2061979	0.55	cps
Molybdenum	98-1	5279324	5257122	5239816	5258754	0.38	cps
Neodymium	150-1	40	50	73	54	31.42	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	108307	106803	106897	107336	0.78	cps
Phosphorus	31-2	14954	15301	14704	14986	2.00	cps
Potassium	39-2	1677848	1651547	1671172	1666855	0.82	cps
Rhodium	103-1	12044239	12078487	12033309	12052011	0.20	cps
Rhodium	103-2	7166957	7105953	7109567	7127492	0.48	cps
Scandium	45-1	7237446	7273995	7030389	7180610	1.83	cps
Scandium	45-2	636492	630432	626717	631213	0.78	cps
Selenium	82-1	10584	10875	10766	10742	1.37	cps
Selenium	77-2	1250	1183	1180	1205	3.28	cps
Selenium	78-2	4441	4227	4491	4386	3.19	cps
Silicon	28-1	2654868	2648095	2620578	2641180	0.69	cps
Silver	107-1	856844	855048	858034	856642	0.18	cps
Silver	109-1	816651	820894	819108	818884	0.26	cps
Sodium	23-2	4014477	4025197	3974843	4004839	0.66	cps
Strontium	86-1	203456	205162	202908	203842	0.58	cps
Strontium	88-1	1844954	1832203	1836769	1837975	0.35	cps
Sulfur	34-1	242951	241296	239038	241095	0.81	cps
Terbium	159-1	16018171	16147356	15703224	15956250	1.43	cps
Terbium	159-2	11259722	11088682	11156880	11168428	0.77	cps
Thallium	203-1	588896	590748	591323	590322	0.21	cps
Thallium	205-1	1391369	1403344	1390565	1395093	0.51	cps
Tin	118-1	536611	535828	538126	536855	0.22	cps
Titanium	47-1	810958	812076	803572	808869	0.57	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:52:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1804226	1851203	1826494	1827308	1.29	cps
Vanadium	51-2	235601	232074	230933	232869	1.04	cps
Yttrium	89-1	19636444	19610148	19434413	19560335	0.56	cps
Yttrium	89-2	5498974	5473511	5430343	5467609	0.63	cps
Zinc	66-2	528331	526936	524057	526442	0.41	cps
Zirconium	90-1	1090245	1095985	1080224	1088818	0.73	cps
Zirconium	91-1	240670	242559	241248	241492	0.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:55:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692164	682843	678420	684476	1.02	cps
Antimony	121-1	1509830	1507022	1498891	1505248	0.38	cps
Arsenic	75-2	80915	79645	79799	80120	0.87	cps
Barium	135-1	1989352	1995352	2009320	1998008	0.51	cps
Barium	137-1	3435986	3418353	3417008	3423783	0.31	cps
Beryllium	9-1	196535	196101	195162	195933	0.36	cps
Bismuth	209-1	9469585	9515163	9402279	9462342	0.60	cps
Bismuth	209-2	7962609	7995804	8032724	7997046	0.44	cps
Bromine	81-1	14097	13990	13700	13929	1.48	cps
Bromine	81-2	163	127	150	147	12.65	cps
Cadmium	108-1	29724	29727	29547	29666	0.35	cps
Cadmium	106-1	45758	46808	45772	46113	1.31	cps
Cadmium	111-1	405018	401911	403174	403368	0.39	cps
Calcium	43-1	413882	411533	410024	411813	0.47	cps
Calcium	44-1	6580328	6445221	6358553	6461367	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	602440	595184	592700	596775	0.85	cps
Cobalt	59-2	938567	940115	930103	936261	0.58	cps
Copper	63-2	7037205	6913808	6864882	6938632	1.28	cps
Dysprosium	156-1	27	70	60	52	43.44	cps
Dysprosium	156-2	127	127	97	117	14.85	cps
Erbium	164-1	93	77	123	98	24.18	cps
Erbium	164-2	70	70	60	67	8.66	cps
Gadolinium	160-1	57	70	100	76	29.37	cps
Gadolinium	160-2	583	690	723	666	10.99	cps
Holmium	165-1	15348346	15516043	15046235	15303541	1.56	cps
Holmium	165-2	11182089	11167906	11250735	11200243	0.40	cps
Indium	115-1	12653148	12558299	12264771	12492073	1.62	cps
Indium	115-2	4738038	4751175	4782928	4757380	0.49	cps
Iron	56-2	29123194	28661363	28652099	28812218	0.93	cps
Iron	57-2	735983	732925	724473	731127	0.82	cps
Iron	54-2	1595973	1590185	1592228	1592795	0.18	cps
Krypton	83-1	213	183	207	201	7.83	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:55:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5978703	6060860	5876452	5972005	1.55	cps
Lead	207-1	5338298	5260327	5241984	5280203	0.97	cps
Lead	208-1	24107378	24094622	23898138	24033379	0.49	cps
Lithium	6-1	2011811	2002339	1970540	1994897	1.08	cps
Magnesium	24-2	5426707	5425887	5409764	5420786	0.18	cps
Manganese	55-2	4973627	4980282	4945629	4966512	0.37	cps
Molybdenum	94-1	5334112	5276586	5142370	5251023	1.87	cps
Molybdenum	95-1	7739145	7749159	7496458	7661587	1.87	cps
Molybdenum	96-1	8461141	8452065	8329500	8414235	0.87	cps
Molybdenum	97-1	4816988	4781521	4716497	4771669	1.07	cps
Molybdenum	98-1	12411351	12308803	12207323	12309159	0.83	cps
Neodymium	150-1	90	97	110	99	10.30	cps
Neodymium	150-2	30	33	20	28	24.98	cps
Nickel	60-2	239674	234708	234549	236310	1.23	cps
Phosphorus	31-2	33330	33647	32324	33100	2.09	cps
Potassium	39-2	3667850	3610258	3612431	3630180	0.90	cps
Rhodium	103-1	11543996	11552031	11352878	11482969	0.98	cps
Rhodium	103-2	6857603	6834778	6850164	6847515	0.17	cps
Scandium	45-1	6886900	6743943	6719026	6783290	1.34	cps
Scandium	45-2	592719	591801	590737	591752	0.17	cps
Selenium	82-1	24055	24622	24306	24328	1.17	cps
Selenium	77-2	2684	2727	2570	2660	3.04	cps
Selenium	78-2	9173	9623	9170	9322	2.80	cps
Silicon	28-1	4777135	4747512	4658707	4727785	1.30	cps
Silver	107-1	2044688	2012038	2030115	2028947	0.81	cps
Silver	109-1	1982468	1932517	1944922	1953302	1.33	cps
Sodium	23-2	8920565	8871664	8852958	8881729	0.39	cps
Strontium	86-1	476528	477714	469254	474499	0.97	cps
Strontium	88-1	4230890	4262729	4274236	4255952	0.53	cps
Sulfur	34-1	292814	286374	285448	288212	1.39	cps
Terbium	159-1	16038750	15712669	15636546	15795988	1.35	cps
Terbium	159-2	11060949	10951272	11091743	11034654	0.67	cps
Thallium	203-1	1415424	1431940	1422355	1423240	0.58	cps
Thallium	205-1	3551998	3568050	3528948	3549665	0.55	cps
Tin	118-1	1255960	1252257	1253665	1253960	0.15	cps
Titanium	47-1	1914666	1907579	1861123	1894456	1.54	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:55:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4508157	4468252	4501249	4492553	0.47	cps
Vanadium	51-2	527191	522149	519017	522786	0.79	cps
Yttrium	89-1	18878254	18987722	19038470	18968148	0.43	cps
Yttrium	89-2	5218074	5209614	5186481	5204723	0.31	cps
Zinc	66-2	1199279	1183307	1180691	1187759	0.85	cps
Zirconium	90-1	2597363	2641253	2635114	2624576	0.91	cps
Zirconium	91-1	561751	560436	558483	560223	0.29	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:58:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1373307	1338119	1320595	1344007	2.00	cps
Antimony	121-1	3003982	3020322	3058138	3027481	0.92	cps
Arsenic	75-2	151844	150726	150430	151000	0.49	cps
Barium	135-1	3875828	3821566	3881189	3859528	0.85	cps
Barium	137-1	6659274	6723540	6731334	6704716	0.59	cps
Beryllium	9-1	374396	379553	379564	377838	0.79	cps
Bismuth	209-1	9693085	9382965	9386212	9487421	1.88	cps
Bismuth	209-2	7838091	7856676	7876135	7856967	0.24	cps
Bromine	81-1	12742	12272	12946	12653	2.73	cps
Bromine	81-2	113	100	127	113	11.77	cps
Cadmium	108-1	56757	58367	57293	57472	1.43	cps
Cadmium	106-1	82720	84927	84913	84187	1.51	cps
Cadmium	111-1	772461	787953	778674	779696	1.00	cps
Calcium	43-1	775836	782346	777150	778444	0.44	cps
Calcium	44-1	12202681	12285944	12267776	12252134	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1117081	1110615	1106341	1111346	0.49	cps
Cobalt	59-2	1798790	1795732	1783086	1792536	0.46	cps
Copper	63-2	13063365	12912648	12907873	12961295	0.68	cps
Dysprosium	156-1	47	77	87	70	29.74	cps
Dysprosium	156-2	197	190	240	209	13.00	cps
Erbium	164-1	80	107	130	106	23.70	cps
Erbium	164-2	77	93	57	76	24.29	cps
Gadolinium	160-1	73	100	73	82	18.73	cps
Gadolinium	160-2	677	647	730	684	6.17	cps
Holmium	165-1	15751947	15234272	15226762	15404327	1.95	cps
Holmium	165-2	11202677	11041404	10998969	11081017	0.97	cps
Indium	115-1	12515355	12110332	12105720	12243802	1.92	cps
Indium	115-2	4554356	4506912	4516805	4526024	0.55	cps
Iron	56-2	54338144	54337774	53790656	54155525	0.58	cps
Iron	57-2	1389130	1347334	1356330	1364265	1.61	cps
Iron	54-2	3028513	2954562	2972438	2985171	1.29	cps
Krypton	83-1	153	203	223	193	18.65	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:58:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11692743	11884692	11912349	11829928	1.01	cps
Lead	207-1	10248209	10591006	10492531	10443915	1.69	cps
Lead	208-1	46702125	47806389	47821236	47443250	1.35	cps
Lithium	6-1	2074895	2015657	1941837	2010796	3.32	cps
Magnesium	24-2	10297187	10235791	10319634	10284204	0.42	cps
Manganese	55-2	9437425	9370627	9253791	9353948	0.99	cps
Molybdenum	94-1	10214253	10075238	10079874	10123122	0.78	cps
Molybdenum	95-1	14621125	14882316	14647316	14716919	0.98	cps
Molybdenum	96-1	16169381	16372201	16146174	16229252	0.77	cps
Molybdenum	97-1	9138021	9202143	9139399	9159854	0.40	cps
Molybdenum	98-1	23639914	23622428	23449000	23570447	0.45	cps
Neodymium	150-1	180	240	200	207	14.78	cps
Neodymium	150-2	47	83	57	62	30.46	cps
Nickel	60-2	442799	436664	437535	438999	0.76	cps
Phosphorus	31-2	61991	62550	60151	61564	2.04	cps
Potassium	39-2	6897615	6707941	6754857	6786804	1.46	cps
Rhodium	103-1	11409812	10985012	10979064	11124629	2.22	cps
Rhodium	103-2	6535179	6516897	6499861	6517312	0.27	cps
Scandium	45-1	6727967	6553633	6432706	6571436	2.26	cps
Scandium	45-2	561287	554397	556671	557452	0.63	cps
Selenium	82-1	46511	46834	46478	46608	0.42	cps
Selenium	77-2	5298	4881	5161	5113	4.16	cps
Selenium	78-2	17273	17364	16900	17179	1.43	cps
Silicon	28-1	8143066	8120854	8116695	8126872	0.17	cps
Silver	107-1	3867407	3886938	3873580	3875975	0.26	cps
Silver	109-1	3748040	3776129	3705074	3743081	0.96	cps
Sodium	23-2	16943072	16902291	16808799	16884720	0.41	cps
Strontium	86-1	904947	913080	908150	908726	0.45	cps
Strontium	88-1	8166657	8212771	8119637	8166355	0.57	cps
Sulfur	34-1	367310	365941	362590	365280	0.66	cps
Terbium	159-1	16234781	15806365	15553759	15864968	2.17	cps
Terbium	159-2	10923933	10967044	10722662	10871213	1.20	cps
Thallium	203-1	2939437	3039825	2988975	2989412	1.68	cps
Thallium	205-1	7059236	7053788	7127843	7080289	0.58	cps
Tin	118-1	2488491	2511773	2506295	2502186	0.49	cps
Titanium	47-1	3503803	3565859	3559129	3542930	0.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 14:58:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8911710	9190839	9151818	9084789	1.66	cps
Vanadium	51-2	981990	974642	973650	976760	0.47	cps
Yttrium	89-1	19006762	18349253	18297462	18551159	2.13	cps
Yttrium	89-2	5020396	4993677	4988445	5000839	0.34	cps
Zinc	66-2	2287513	2267350	2243144	2266002	0.98	cps
Zirconium	90-1	4996008	5019295	4930792	4982031	0.92	cps
Zirconium	91-1	1068061	1086901	1086941	1080634	1.01	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:01:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2610965	2599731	2552680	2587792	1.19	cps
Antimony	121-1	5932823	5984812	5961441	5959692	0.44	cps
Arsenic	75-2	288318	288532	288056	288302	0.08	cps
Barium	135-1	7563776	7572380	7598765	7578307	0.24	cps
Barium	137-1	12937169	12964585	12956073	12952609	0.11	cps
Beryllium	9-1	722972	719671	717235	719959	0.40	cps
Bismuth	209-1	9345982	9225668	9296741	9289464	0.65	cps
Bismuth	209-2	7677838	7725851	7809183	7737624	0.86	cps
Bromine	81-1	12565	11908	12092	12189	2.78	cps
Bromine	81-2	113	103	100	106	6.57	cps
Cadmium	108-1	108894	109405	110352	109551	0.68	cps
Cadmium	106-1	157729	158336	156738	157601	0.51	cps
Cadmium	111-1	1496229	1506190	1497125	1499848	0.37	cps
Calcium	43-1	1464205	1458200	1456656	1459687	0.27	cps
Calcium	44-1	23538487	23567366	23561505	23555786	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2186304	2205860	2192495	2194886	0.46	cps
Cobalt	59-2	3425975	3429447	3421811	3425744	0.11	cps
Copper	63-2	24595962	24324096	24410117	24443392	0.57	cps
Dysprosium	156-1	140	120	140	133	8.66	cps
Dysprosium	156-2	377	463	387	409	11.60	cps
Erbium	164-1	100	183	173	152	29.89	cps
Erbium	164-2	90	77	130	99	28.07	cps
Gadolinium	160-1	133	127	130	130	2.57	cps
Gadolinium	160-2	673	640	803	706	12.23	cps
Holmium	165-1	15041774	15009958	14783757	14945163	0.94	cps
Holmium	165-2	11023923	10979716	10809884	10937841	1.03	cps
Indium	115-1	11715443	11545243	11621365	11627351	0.73	cps
Indium	115-2	4386829	4371456	4327975	4362087	0.70	cps
Iron	56-2	104458918	104869118	104262835	104530291	0.30	cps
Iron	57-2	2652322	2590771	2601597	2614897	1.26	cps
Iron	54-2	5717593	5730341	5699916	5715950	0.27	cps
Krypton	83-1	223	200	203	209	6.04	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:01:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23350622	23600517	23847215	23599452	1.05	cps
Lead	207-1	20820893	20910743	21019964	20917200	0.48	cps
Lead	208-1	94841979	95097816	95723119	95220971	0.48	cps
Lithium	6-1	1937702	1907081	1929988	1924924	0.83	cps
Magnesium	24-2	19730193	19742295	19464233	19645574	0.80	cps
Manganese	55-2	18115225	18181280	18095754	18130753	0.25	cps
Molybdenum	94-1	19607752	19656055	19691380	19651729	0.21	cps
Molybdenum	95-1	28736390	28718114	28473036	28642513	0.51	cps
Molybdenum	96-1	31504575	31589737	31252387	31448900	0.56	cps
Molybdenum	97-1	17866053	17696895	17636105	17733018	0.67	cps
Molybdenum	98-1	46243799	46222809	46024889	46163833	0.26	cps
Neodymium	150-1	397	387	393	392	1.30	cps
Neodymium	150-2	100	93	117	103	11.63	cps
Nickel	60-2	834583	829186	826203	829991	0.51	cps
Phosphorus	31-2	116643	118377	115434	116818	1.27	cps
Potassium	39-2	12934499	13040208	12897315	12957340	0.57	cps
Rhodium	103-1	10763699	10544212	10545369	10617760	1.19	cps
Rhodium	103-2	6236897	6287145	6230878	6251640	0.49	cps
Scandium	45-1	6215251	6176727	6161535	6184504	0.45	cps
Scandium	45-2	531918	534745	529796	532153	0.47	cps
Selenium	82-1	89165	88453	88364	88661	0.50	cps
Selenium	77-2	9643	9623	9376	9548	1.56	cps
Selenium	78-2	31894	32462	31784	32047	1.14	cps
Silicon	28-1	14761564	14532653	14344898	14546372	1.43	cps
Silver	107-1	7398927	7487994	7399682	7428868	0.69	cps
Silver	109-1	7122211	7197294	7063352	7127619	0.94	cps
Sodium	23-2	32367028	32344989	32113778	32275265	0.43	cps
Strontium	86-1	1814245	1795484	1864802	1824844	1.96	cps
Strontium	88-1	15911859	15764054	15941685	15872533	0.60	cps
Sulfur	34-1	539306	535994	533813	536371	0.52	cps
Terbium	159-1	15519941	15252557	15415691	15396063	0.88	cps
Terbium	159-2	10688676	10747899	10838798	10758457	0.70	cps
Thallium	203-1	5915752	5958585	5820424	5898254	1.20	cps
Thallium	205-1	13895176	14119269	14075955	14030134	0.85	cps
Tin	118-1	4872078	4861433	4928849	4887453	0.74	cps
Titanium	47-1	6811847	6868859	6815814	6832173	0.47	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:01:40	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18393931	18478820	18425675	18432809	0.23	cps
Vanadium	51-2	1959265	1925624	1935324	1940071	0.89	cps
Yttrium	89-1	17727659	17663576	17765561	17718932	0.29	cps
Yttrium	89-2	4825164	4830005	4852861	4836010	0.31	cps
Zinc	66-2	4315348	4318135	4324810	4319431	0.11	cps
Zirconium	90-1	9742610	9654187	9735619	9710805	0.51	cps
Zirconium	91-1	2146941	2181815	2128945	2152567	1.25	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:04:29	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5094766	5021447	5026867	5047693	0.81	cps
Antimony	121-1	11573954	11592972	11569983	11578970	0.11	cps
Arsenic	75-2	569506	570044	562587	567379	0.73	cps
Barium	135-1	14831996	14932357	14933702	14899351	0.39	cps
Barium	137-1	25429152	25757744	25593596	25593497	0.64	cps
Beryllium	9-1	1476655	1440647	1471366	1462889	1.33	cps
Bismuth	209-1	9115469	9080858	9130911	9109079	0.28	cps
Bismuth	209-2	7701106	7585995	7620231	7635777	0.77	cps
Bromine	81-1	12078	12415	11631	12042	3.27	cps
Bromine	81-2	97	140	117	118	18.41	cps
Cadmium	108-1	210251	210284	212417	210984	0.59	cps
Cadmium	106-1	297714	299665	298889	298756	0.33	cps
Cadmium	111-1	2950802	2999641	3004133	2984859	0.99	cps
Calcium	43-1	2833249	2877623	2864263	2858378	0.80	cps
Calcium	44-1	45725374	45765263	45591863	45694167	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4287242	4272787	4327640	4295889	0.66	cps
Cobalt	59-2	6759565	6663544	6699912	6707674	0.72	cps
Copper	63-2	47755369	47451128	47454054	47553517	0.37	cps
Dysprosium	156-1	250	250	220	240	7.22	cps
Dysprosium	156-2	853	713	827	798	9.32	cps
Erbium	164-1	230	200	247	226	10.49	cps
Erbium	164-2	223	147	190	187	20.59	cps
Gadolinium	160-1	180	200	197	192	5.57	cps
Gadolinium	160-2	757	700	813	757	7.49	cps
Holmium	165-1	14992478	14922745	15154932	15023385	0.79	cps
Holmium	165-2	11050649	10852432	10923690	10942257	0.92	cps
Indium	115-1	11441325	11340781	11285501	11355869	0.70	cps
Indium	115-2	4316396	4313086	4236885	4288789	1.05	cps
Iron	56-2	205092097	204290624	204432757	204605159	0.21	cps
Iron	57-2	5149479	5175409	5152423	5159104	0.28	cps
Iron	54-2	11267402	11225292	11202609	11231768	0.29	cps
Krypton	83-1	193	210	200	201	4.17	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:04:29	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45982351	46251519	46483451	46239107	0.54	cps
Lead	207-1	40635179	41189289	40920242	40914904	0.68	cps
Lead	208-1	185297746	186671914	186486615	186152091	0.40	cps
Lithium	6-1	1906599	1891471	1922531	1906867	0.81	cps
Magnesium	24-2	38807604	38636688	38504074	38649456	0.39	cps
Manganese	55-2	35738154	35556115	35525718	35606663	0.32	cps
Molybdenum	94-1	38735202	38898624	38527215	38720347	0.48	cps
Molybdenum	95-1	55892181	56552399	56466812	56303797	0.64	cps
Molybdenum	96-1	61414404	61573277	61654846	61547509	0.20	cps
Molybdenum	97-1	34917448	35078223	34827118	34940929	0.36	cps
Molybdenum	98-1	89771482	90932989	89980019	90228163	0.69	cps
Neodymium	150-1	723	780	750	751	3.77	cps
Neodymium	150-2	200	190	217	202	6.66	cps
Nickel	60-2	1668974	1673863	1689770	1677536	0.65	cps
Phosphorus	31-2	230225	227566	227696	228495	0.66	cps
Potassium	39-2	25385927	25591405	25343600	25440311	0.52	cps
Rhodium	103-1	10275720	10140782	10197628	10204710	0.66	cps
Rhodium	103-2	6172647	6140434	6098028	6137036	0.61	cps
Scandium	45-1	6081291	6101163	6034849	6072434	0.56	cps
Scandium	45-2	536074	528381	533123	532526	0.73	cps
Selenium	82-1	169293	169635	171225	170051	0.61	cps
Selenium	77-2	18365	18672	18532	18523	0.83	cps
Selenium	78-2	61541	61524	61554	61539	0.02	cps
Silicon	28-1	26329980	26589353	26105026	26341453	0.92	cps
Silver	107-1	14234805	14305114	14268522	14269480	0.25	cps
Silver	109-1	13614493	13760670	13685937	13687033	0.53	cps
Sodium	23-2	64259714	64183879	63841606	64095066	0.35	cps
Strontium	86-1	3556686	3563127	3562960	3560924	0.10	cps
Strontium	88-1	30971245	31096155	31178654	31082018	0.34	cps
Sulfur	34-1	890281	890311	887388	889326	0.19	cps
Terbium	159-1	15515284	15413588	15267766	15398880	0.81	cps
Terbium	159-2	10996037	10816547	10698158	10836914	1.38	cps
Thallium	203-1	11486966	11529341	11719080	11578462	1.07	cps
Thallium	205-1	27451405	27215871	27699492	27455590	0.88	cps
Tin	118-1	9545506	9500094	9554107	9533236	0.30	cps
Titanium	47-1	13232700	13507119	13351455	13363758	1.03	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:04:29	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36328552	36587190	37016666	36644136	0.95	cps
Vanadium	51-2	3786121	3791395	3813593	3797036	0.38	cps
Yttrium	89-1	17745428	17493480	17462621	17567176	0.88	cps
Yttrium	89-2	4857018	4824805	4836265	4839363	0.34	cps
Zinc	66-2	8269429	8337815	8354624	8320623	0.54	cps
Zirconium	90-1	19116358	19230993	19229433	19192261	0.34	cps
Zirconium	91-1	4195254	4218943	4267606	4227268	0.87	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:07:16	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27303326	27278245	27308572	27296714	0.06	cps
Antimony	121-1	8299	7362	6778	7480	10.26	cps
Arsenic	75-2	417	357	480	418	14.76	cps
Barium	135-1	7659	6732	6388	6926	9.49	cps
Barium	137-1	13286	12129	11181	12199	8.64	cps
Beryllium	9-1	563	510	480	518	8.15	cps
Bismuth	209-1	8325986	8001818	7945293	8091033	2.54	cps
Bismuth	209-2	6797303	6950896	6857928	6868709	1.13	cps
Bromine	81-1	12489	12942	12949	12793	2.06	cps
Bromine	81-2	160	150	140	150	6.67	cps
Cadmium	108-1	150	87	110	116	27.72	cps
Cadmium	106-1	4271	4407	4354	4344	1.59	cps
Cadmium	111-1	1593	1432	1417	1481	6.59	cps
Calcium	43-1	13816820	14183278	14401014	14133704	2.09	cps
Calcium	44-1	223702043	228491430	229570990	227254821	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7142	7565	7192	7300	3.17	cps
Cobalt	59-2	18468	18859	19035	18787	1.55	cps
Copper	63-2	13493	12816	12899	13069	2.83	cps
Dysprosium	156-1	433	393	360	396	9.28	cps
Dysprosium	156-2	367	447	407	407	9.84	cps
Erbium	164-1	497	423	423	448	9.46	cps
Erbium	164-2	350	427	387	388	9.89	cps
Gadolinium	160-1	513	493	403	470	12.47	cps
Gadolinium	160-2	933	837	930	900	6.10	cps
Holmium	165-1	14915100	14489290	14524233	14642874	1.61	cps
Holmium	165-2	10587724	10662584	10598894	10616401	0.38	cps
Indium	115-1	11212072	10953689	10802386	10989382	1.89	cps
Indium	115-2	4216942	4272612	4210008	4233187	0.81	cps
Iron	56-2	1042111851	1035222811	1047049824	1041461496	0.57	cps
Iron	57-2	26121392	25886751	26095860	26034668	0.49	cps
Iron	54-2	56781667	56171079	56238826	56397191	0.59	cps
Krypton	83-1	170	213	180	188	12.09	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:07:16	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17188	15189	13767	15381	11.17	cps
Lead	207-1	15139	12906	11945	13330	12.29	cps
Lead	208-1	67739	59478	54784	60667	10.81	cps
Lithium	6-1	1872207	1852643	1872807	1865886	0.61	cps
Magnesium	24-2	207963337	206729284	206472670	207055097	0.38	cps
Manganese	55-2	17941	17934	17460	17778	1.55	cps
Molybdenum	94-1	13753	11958	10581	12097	13.15	cps
Molybdenum	95-1	14848	11828	10154	12276	19.38	cps
Molybdenum	96-1	25552	22287	20334	22725	11.60	cps
Molybdenum	97-1	9470	7422	6291	7728	20.85	cps
Molybdenum	98-1	23098	18355	15178	18877	21.12	cps
Neodymium	150-1	250	213	317	260	20.15	cps
Neodymium	150-2	110	153	130	131	16.54	cps
Nickel	60-2	8266	8779	8536	8527	3.01	cps
Phosphorus	31-2	300	310	273	294	6.44	cps
Potassium	39-2	135683281	134144961	136137935	135322059	0.77	cps
Rhodium	103-1	9722491	9566393	9400944	9563276	1.68	cps
Rhodium	103-2	5742127	5786411	5806746	5778428	0.57	cps
Scandium	45-1	6285713	6058056	6122997	6155589	1.91	cps
Scandium	45-2	558436	559938	564795	561056	0.59	cps
Selenium	82-1	358	283	351	331	12.45	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	403	370	417	397	6.06	cps
Silicon	28-1	552329	551385	544734	549482	0.75	cps
Silver	107-1	3884	3044	2547	3158	21.40	cps
Silver	109-1	3514	2704	2450	2889	19.23	cps
Sodium	23-2	338311642	335332515	337386442	337010199	0.45	cps
Strontium	86-1	10430	10834	10611	10625	1.90	cps
Strontium	88-1	91532	90224	89262	90340	1.26	cps
Sulfur	34-1	153182	156438	159980	156533	2.17	cps
Terbium	159-1	15430450	14775846	14647130	14951142	2.81	cps
Terbium	159-2	10382798	10350220	10400787	10377935	0.25	cps
Thallium	203-1	2707	2194	1930	2277	17.35	cps
Thallium	205-1	6805	5198	4564	5522	20.92	cps
Tin	118-1	4321	3687	3264	3757	14.16	cps
Titanium	47-1	3120	2464	2174	2586	18.76	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:07:16	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6812	4948	4021	5260	27.03	cps
Vanadium	51-2	953	937	793	894	9.83	cps
Yttrium	89-1	17522286	17096005	17100325	17239539	1.42	cps
Yttrium	89-2	4842053	4918313	4936490	4898952	1.02	cps
Zinc	66-2	12345	12592	12328	12422	1.19	cps
Zirconium	90-1	13603	13520	12379	13167	5.20	cps
Zirconium	91-1	2990	2754	2630	2791	6.56	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:30:11	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136282	134278	133965	134841	0.93	cps
Antimony	121-1	2559822	2533700	2563957	2552493	0.64	cps
Arsenic	75-2	132505	129804	128786	130365	1.47	cps
Barium	135-1	309873	307152	306607	307877	0.57	cps
Barium	137-1	538573	538862	539455	538964	0.08	cps
Beryllium	9-1	164354	163058	163917	163776	0.40	cps
Bismuth	209-1	9526297	9335639	9358428	9406788	1.11	cps
Bismuth	209-2	8024441	8002609	7929185	7985412	0.62	cps
Bromine	81-1	13573	13366	13163	13367	1.53	cps
Bromine	81-2	260	190	207	219	16.71	cps
Cadmium	108-1	26982	26788	26835	26868	0.38	cps
Cadmium	106-1	33448	32673	32737	32953	1.31	cps
Cadmium	111-1	318324	316731	316675	317243	0.30	cps
Calcium	43-1	66143	64302	64573	65006	1.53	cps
Calcium	44-1	1057134	1048215	1053468	1052939	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492684	491153	483924	489254	0.96	cps
Cobalt	59-2	775171	762871	762965	767002	0.92	cps
Copper	63-2	528045	524385	521780	524736	0.60	cps
Dysprosium	156-1	20	30	17	22	31.22	cps
Dysprosium	156-2	7	20	30	19	61.96	cps
Erbium	164-1	67	70	80	72	9.61	cps
Erbium	164-2	47	43	57	49	14.20	cps
Gadolinium	160-1	63	50	50	54	14.14	cps
Gadolinium	160-2	593	653	667	638	6.13	cps
Holmium	165-1	15188998	15038534	14956334	15061289	0.78	cps
Holmium	165-2	10991917	11006900	11045026	11014614	0.25	cps
Indium	115-1	12623982	12287749	12244374	12385369	1.68	cps
Indium	115-2	4687521	4591177	4631327	4636675	1.04	cps
Iron	56-2	9296023	9199372	9128683	9208026	0.91	cps
Iron	57-2	235230	232687	233608	233842	0.55	cps
Iron	54-2	531246	529739	525105	528697	0.61	cps
Krypton	83-1	170	220	213	201	13.50	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:30:11	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2025930	1983473	2018931	2009444	1.13	cps
Lead	207-1	1565995	1592269	1599176	1585813	1.10	cps
Lead	208-1	7724981	7732193	7778715	7745296	0.38	cps
Lithium	6-1	1996372	2039281	1987040	2007564	1.39	cps
Magnesium	24-2	508471	505556	500738	504922	0.77	cps
Manganese	55-2	396805	393064	394686	394852	0.48	cps
Molybdenum	94-1	16702896	16357104	16213290	16424430	1.53	cps
Molybdenum	95-1	29370241	29056865	28621152	29016086	1.30	cps
Molybdenum	96-1	31509530	31183702	31005387	31232873	0.82	cps
Molybdenum	97-1	18069793	18027942	17739599	17945778	1.00	cps
Molybdenum	98-1	46269184	46070221	45808803	46049403	0.50	cps
Neodymium	150-1	20	17	33	23	37.78	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	196763	194845	194615	195408	0.60	cps
Phosphorus	31-2	137	93	133	121	19.91	cps
Potassium	39-2	1198184	1188245	1183305	1189912	0.64	cps
Rhodium	103-1	11482623	11196745	11236888	11305419	1.37	cps
Rhodium	103-2	6745754	6799530	6749193	6764826	0.45	cps
Scandium	45-1	6882345	6689204	6594862	6722137	2.18	cps
Scandium	45-2	579165	571403	572877	574481	0.72	cps
Selenium	82-1	39494	39137	39261	39297	0.46	cps
Selenium	77-2	4384	4491	4381	4418	1.42	cps
Selenium	78-2	14811	14627	14594	14677	0.80	cps
Silicon	28-1	563333	530823	530868	541675	3.46	cps
Silver	107-1	759906	757995	754998	757633	0.33	cps
Silver	109-1	731059	726331	729799	729063	0.34	cps
Sodium	23-2	1475803	1432150	1424138	1444030	1.93	cps
Strontium	86-1	1230	1333	1273	1279	4.06	cps
Strontium	88-1	8709	8609	8389	8569	1.91	cps
Sulfur	34-1	184725	173378	171763	176622	4.00	cps
Terbium	159-1	15855768	15365576	15488471	15569938	1.64	cps
Terbium	159-2	10890434	10814537	10783612	10829528	0.51	cps
Thallium	203-1	2460072	2435416	2471753	2455747	0.76	cps
Thallium	205-1	5826580	5851495	5857362	5845146	0.28	cps
Tin	118-1	1180	1150	1167	1166	1.29	cps
Titanium	47-1	407	423	373	401	6.35	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:30:11	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	60	63	58	12.01	cps
Vanadium	51-2	422581	414888	413679	417049	1.16	cps
Yttrium	89-1	18705632	18707408	18388428	18600489	0.99	cps
Yttrium	89-2	5133630	5035818	5067623	5079024	0.98	cps
Zinc	66-2	190849	190489	188878	190072	0.55	cps
Zirconium	90-1	1103	1147	1163	1138	2.72	cps
Zirconium	91-1	473	560	433	489	13.25	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:38:52	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	133	150	119	33.92	cps
Antimony	121-1	263	283	280	276	3.89	cps
Arsenic	75-2	3	3	10	6	69.34	cps
Barium	135-1	43	57	37	46	22.36	cps
Barium	137-1	73	87	70	77	11.51	cps
Beryllium	9-1	117	120	83	107	19.01	cps
Bismuth	209-1	9238197	9227749	9087352	9184433	0.92	cps
Bismuth	209-2	8093579	8067043	7967916	8042846	0.82	cps
Bromine	81-1	13069	13403	13339	13271	1.33	cps
Bromine	81-2	163	110	190	154	26.37	cps
Cadmium	108-1	13	10	13	12	15.73	cps
Cadmium	106-1	4654	4254	4294	4401	5.01	cps
Cadmium	111-1	935	857	880	891	4.50	cps
Calcium	43-1	203	227	183	204	10.61	cps
Calcium	44-1	6455	6391	6201	6349	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2134	2067	2210	2137	3.36	cps
Cobalt	59-2	133	183	133	150	19.24	cps
Copper	63-2	993	1023	1060	1026	3.26	cps
Dysprosium	156-1	17	13	7	12	41.65	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	47	70	87	68	29.64	cps
Erbium	164-2	37	37	73	49	43.29	cps
Gadolinium	160-1	57	33	73	54	36.91	cps
Gadolinium	160-2	710	600	587	632	10.71	cps
Holmium	165-1	15066804	14795481	14935231	14932505	0.91	cps
Holmium	165-2	11195566	11032730	11159404	11129233	0.77	cps
Indium	115-1	12321309	12522350	12368699	12404119	0.85	cps
Indium	115-2	4903753	4842306	4838420	4861493	0.75	cps
Iron	56-2	21192	20267	20451	20636	2.37	cps
Iron	57-2	1133	1100	1110	1114	1.54	cps
Iron	54-2	2787	2454	2644	2628	6.36	cps
Krypton	83-1	170	210	230	203	15.02	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:38:52	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	470	430	503	468	7.85	cps
Lead	207-1	403	460	383	416	9.57	cps
Lead	208-1	1883	1953	1813	1883	3.72	cps
Lithium	6-1	2002072	2038488	2043438	2027999	1.11	cps
Magnesium	24-2	943	957	1050	983	5.91	cps
Manganese	55-2	237	283	290	270	10.76	cps
Molybdenum	94-1	470	493	477	480	2.50	cps
Molybdenum	95-1	450	373	357	393	12.65	cps
Molybdenum	96-1	480	510	473	488	4.00	cps
Molybdenum	97-1	267	207	277	250	15.14	cps
Molybdenum	98-1	600	617	640	619	3.25	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	693	617	643	651	5.98	cps
Phosphorus	31-2	160	157	140	152	7.04	cps
Potassium	39-2	54216	54193	54685	54364	0.51	cps
Rhodium	103-1	11493554	11471202	11387880	11450879	0.49	cps
Rhodium	103-2	7092461	7013789	7001806	7036019	0.70	cps
Scandium	45-1	6679296	6833913	6803909	6772373	1.21	cps
Scandium	45-2	621012	620150	614250	618471	0.60	cps
Selenium	82-1	161	88	84	111	39.33	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	403	433	420	419	3.59	cps
Silicon	28-1	591930	595918	597324	595058	0.47	cps
Silver	107-1	230	220	273	241	11.76	cps
Silver	109-1	233	163	137	178	28.08	cps
Sodium	23-2	21976	21205	21335	21505	1.92	cps
Strontium	86-1	380	380	343	368	5.76	cps
Strontium	88-1	220	163	163	182	17.95	cps
Sulfur	34-1	184887	185036	184307	184743	0.21	cps
Terbium	159-1	15497766	15455274	15309526	15420855	0.64	cps
Terbium	159-2	11067502	11035205	10879056	10993921	0.92	cps
Thallium	203-1	383	413	367	388	6.10	cps
Thallium	205-1	953	1037	883	958	8.02	cps
Tin	118-1	1187	1177	1123	1162	2.93	cps
Titanium	47-1	90	113	67	90	25.93	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:38:52	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	17	7	19	71.30	cps
Vanadium	51-2	10	30	27	22	48.22	cps
Yttrium	89-1	18659415	18813600	18684391	18719135	0.44	cps
Yttrium	89-2	5411106	5328928	5273534	5337856	1.30	cps
Zinc	66-2	263	243	250	252	4.04	cps
Zirconium	90-1	827	720	697	748	9.27	cps
Zirconium	91-1	177	173	170	173	1.92	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:42:22	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25104197	25001950	25251174	25119107	0.50	cps
Antimony	121-1	13186	12959	13637	13261	2.60	cps
Arsenic	75-2	243	223	170	212	17.86	cps
Barium	135-1	4144	4131	4121	4132	0.28	cps
Barium	137-1	7032	7068	7209	7103	1.31	cps
Beryllium	9-1	537	493	440	490	9.88	cps
Bismuth	209-1	8837316	8971345	8955945	8921535	0.82	cps
Bismuth	209-2	7597129	7870474	7672427	7713343	1.83	cps
Bromine	81-1	13169	13606	13830	13535	2.48	cps
Bromine	81-2	370	413	450	411	9.74	cps
Cadmium	108-1	1930	1783	1737	1817	5.55	cps
Cadmium	106-1	3921	3827	3851	3866	1.26	cps
Cadmium	111-1	1876	1790	1798	1821	2.62	cps
Calcium	43-1	2892914	2898330	2939503	2910249	0.88	cps
Calcium	44-1	46366113	46637183	47069454	46690917	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93004	91686	92370	92354	0.71	cps
Cobalt	59-2	8909	9266	8793	8989	2.74	cps
Copper	63-2	37303	36845	37109	37086	0.62	cps
Dysprosium	156-1	60	37	80	59	36.83	cps
Dysprosium	156-2	57	27	47	43	35.25	cps
Erbium	164-1	107	123	103	111	9.65	cps
Erbium	164-2	93	83	117	98	17.50	cps
Gadolinium	160-1	113	127	93	111	15.10	cps
Gadolinium	160-2	677	667	680	674	1.03	cps
Holmium	165-1	15084933	15223883	15420251	15243022	1.11	cps
Holmium	165-2	11131457	11278281	11470988	11293575	1.51	cps
Indium	115-1	11659770	11601619	11700635	11654008	0.43	cps
Indium	115-2	4531855	4533723	4580614	4548731	0.61	cps
Iron	56-2	436638460	436596953	433416487	435550634	0.42	cps
Iron	57-2	10899836	10882617	10743215	10841889	0.79	cps
Iron	54-2	23620235	23563552	23630322	23604703	0.15	cps
Krypton	83-1	137	183	203	174	19.61	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:42:22	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43446	43827	43657	43643	0.44	cps
Lead	207-1	34544	35226	34995	34922	0.99	cps
Lead	208-1	163731	165844	164621	164732	0.64	cps
Lithium	6-1	1943177	1883853	1904660	1910563	1.58	cps
Magnesium	24-2	40936957	40646610	41343184	40975584	0.85	cps
Manganese	55-2	29025	29596	29766	29462	1.32	cps
Molybdenum	94-1	6361887	6380904	6361544	6368112	0.17	cps
Molybdenum	95-1	11269862	11265273	11396836	11310657	0.66	cps
Molybdenum	96-1	12109808	12164836	12354067	12209571	1.05	cps
Molybdenum	97-1	6963185	6945952	7070142	6993093	0.96	cps
Molybdenum	98-1	17915771	18146521	18247936	18103409	0.94	cps
Neodymium	150-1	77	53	43	58	29.61	cps
Neodymium	150-2	33	27	37	32	15.80	cps
Nickel	60-2	10404	9683	9663	9917	4.25	cps
Phosphorus	31-2	1262507	1254678	1256228	1257804	0.33	cps
Potassium	39-2	53210696	53086451	53584544	53293897	0.49	cps
Rhodium	103-1	10425994	10247578	10291564	10321712	0.90	cps
Rhodium	103-2	6346044	6475702	6432120	6417955	1.03	cps
Scandium	45-1	6212981	6260068	6255948	6242999	0.42	cps
Scandium	45-2	561244	565732	567239	564738	0.55	cps
Selenium	82-1	218	134	149	167	26.82	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	333	347	403	361	10.29	cps
Silicon	28-1	598407	586939	590475	591940	0.99	cps
Silver	107-1	810	677	653	713	11.85	cps
Silver	109-1	773	670	567	670	15.42	cps
Sodium	23-2	67340066	67128987	67224929	67231327	0.16	cps
Strontium	86-1	121805	121112	123499	122139	1.01	cps
Strontium	88-1	1063680	1068995	1081689	1071455	0.86	cps
Sulfur	34-1	4162522	4134088	4171373	4155995	0.47	cps
Terbium	159-1	15296814	15438055	15518552	15417807	0.73	cps
Terbium	159-2	11047523	11097376	11137052	11093984	0.40	cps
Thallium	203-1	1607	1633	1350	1530	10.23	cps
Thallium	205-1	3570	3507	3364	3480	3.04	cps
Tin	118-1	2707	2767	2487	2654	5.56	cps
Titanium	47-1	2755889	2743803	2816868	2772186	1.41	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:42:22	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	573	547	610	577	5.51	cps
Vanadium	51-2	827	837	840	834	0.83	cps
Yttrium	89-1	18069952	17851880	18032163	17984665	0.65	cps
Yttrium	89-2	5109650	5117475	5125544	5117556	0.16	cps
Zinc	66-2	9820	10020	9750	9863	1.42	cps
Zirconium	90-1	1210	1223	1367	1267	6.86	cps
Zirconium	91-1	213	287	320	273	19.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:45:27	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26400806	26367198	26288447	26352150	0.22	cps
Antimony	121-1	260198	264440	265080	263239	1.01	cps
Arsenic	75-2	13436	13283	13256	13325	0.73	cps
Barium	135-1	67670	68855	68212	68246	0.87	cps
Barium	137-1	118327	117167	118293	117929	0.56	cps
Beryllium	9-1	30831	31315	31215	31120	0.82	cps
Bismuth	209-1	9258718	9231787	9314577	9268360	0.46	cps
Bismuth	209-2	7787850	7813178	7764812	7788613	0.31	cps
Bromine	81-1	13820	14307	14784	14304	3.37	cps
Bromine	81-2	403	460	437	433	6.57	cps
Cadmium	108-1	5664	5918	5725	5769	2.30	cps
Cadmium	106-1	9490	10044	9867	9800	2.89	cps
Cadmium	111-1	61565	62496	62224	62095	0.77	cps
Calcium	43-1	3096385	3126872	3142650	3121969	0.75	cps
Calcium	44-1	50124188	50258958	49544791	49975979	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191729	191290	192346	191788	0.28	cps
Cobalt	59-2	157739	157051	157466	157419	0.22	cps
Copper	63-2	139318	137773	138601	138564	0.56	cps
Dysprosium	156-1	43	63	73	60	25.46	cps
Dysprosium	156-2	30	27	37	31	16.37	cps
Erbium	164-1	123	110	157	130	18.49	cps
Erbium	164-2	77	97	70	81	17.11	cps
Gadolinium	160-1	117	120	117	118	1.63	cps
Gadolinium	160-2	653	653	700	669	4.03	cps
Holmium	165-1	15821394	15840514	15722324	15794744	0.40	cps
Holmium	165-2	11453660	11427239	11332973	11404624	0.56	cps
Indium	115-1	12327880	12103013	12208470	12213121	0.92	cps
Indium	115-2	4650638	4592539	4618295	4620491	0.63	cps
Iron	56-2	453626500	453480807	452675913	453261073	0.11	cps
Iron	57-2	11386737	11358292	11301173	11348734	0.38	cps
Iron	54-2	24696480	24879980	24632950	24736470	0.52	cps
Krypton	83-1	170	190	187	182	5.88	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:45:27	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	235651	238589	240583	238274	1.04	cps
Lead	207-1	197662	198394	202215	199424	1.23	cps
Lead	208-1	915695	921662	937439	924932	1.21	cps
Lithium	6-1	1915042	1904060	1944002	1921034	1.07	cps
Magnesium	24-2	42781083	42799898	42812081	42797687	0.04	cps
Manganese	55-2	109182	108209	109850	109080	0.76	cps
Molybdenum	94-1	6806520	6754789	6826582	6795964	0.55	cps
Molybdenum	95-1	11993563	12072333	12027556	12031150	0.33	cps
Molybdenum	96-1	12902212	13041369	13013386	12985656	0.57	cps
Molybdenum	97-1	7402616	7490863	7512511	7468663	0.78	cps
Molybdenum	98-1	19197278	19456327	19416064	19356557	0.72	cps
Neodymium	150-1	80	73	63	72	11.62	cps
Neodymium	150-2	27	37	37	33	17.32	cps
Nickel	60-2	47756	46950	47134	47280	0.89	cps
Phosphorus	31-2	1316838	1305381	1300279	1307499	0.65	cps
Potassium	39-2	55627736	56125753	55676041	55809843	0.49	cps
Rhodium	103-1	10916482	10777929	10844249	10846220	0.64	cps
Rhodium	103-2	6572901	6587709	6488790	6549800	0.81	cps
Scandium	45-1	6582656	6567395	6488692	6546248	0.77	cps
Scandium	45-2	579948	580215	580369	580177	0.04	cps
Selenium	82-1	3870	3879	3915	3888	0.62	cps
Selenium	77-2	413	360	447	407	10.75	cps
Selenium	78-2	1750	1703	1813	1756	3.15	cps
Silicon	28-1	632034	635246	635523	634267	0.31	cps
Silver	107-1	295123	296456	297289	296289	0.37	cps
Silver	109-1	280435	285681	283983	283366	0.94	cps
Sodium	23-2	70260881	70439326	70376266	70358824	0.13	cps
Strontium	86-1	131256	131709	130828	131264	0.34	cps
Strontium	88-1	1137462	1148015	1144366	1143281	0.47	cps
Sulfur	34-1	4430578	4356184	4402762	4396508	0.85	cps
Terbium	159-1	16422007	15897622	16142267	16153966	1.62	cps
Terbium	159-2	11171733	11293370	11226279	11230461	0.54	cps
Thallium	203-1	243040	243998	243870	243636	0.21	cps
Thallium	205-1	577465	576131	583166	578921	0.65	cps
Tin	118-1	2687	2857	2494	2679	6.79	cps
Titanium	47-1	2950996	2970109	2937919	2953008	0.55	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:45:27	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	623	703	610	646	7.82	cps
Vanadium	51-2	84049	84210	84501	84253	0.27	cps
Yttrium	89-1	18995628	18718331	18557039	18757000	1.18	cps
Yttrium	89-2	5143640	5201952	5197061	5180884	0.62	cps
Zinc	66-2	29118	29192	28764	29025	0.79	cps
Zirconium	90-1	1183	1110	1267	1187	6.61	cps
Zirconium	91-1	263	280	240	261	7.70	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:48:33	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13741311	13747834	13686893	13725346	0.24	cps
Antimony	121-1	5890326	5883076	5912513	5895305	0.26	cps
Arsenic	75-2	292513	291994	293987	292831	0.35	cps
Barium	135-1	7725031	7601584	7776308	7700974	1.17	cps
Barium	137-1	13093007	13286544	13238381	13205977	0.76	cps
Beryllium	9-1	703822	713067	712191	709693	0.72	cps
Bismuth	209-1	8898233	8898566	8747741	8848180	0.98	cps
Bismuth	209-2	7483496	7324055	7299247	7368932	1.36	cps
Bromine	81-1	13436	12849	12952	13079	2.40	cps
Bromine	81-2	127	103	143	124	16.15	cps
Cadmium	108-1	105550	106544	107887	106660	1.10	cps
Cadmium	106-1	153679	153871	153986	153846	0.10	cps
Cadmium	111-1	1436644	1461437	1447970	1448683	0.86	cps
Calcium	43-1	7567209	7452580	7547460	7522416	0.81	cps
Calcium	44-1	121572495	121759122	121899625	121743747	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2283084	2271959	2292771	2282605	0.46	cps
Cobalt	59-2	3501327	3518770	3503713	3507936	0.27	cps
Copper	63-2	24455403	24347826	24392624	24398618	0.22	cps
Dysprosium	156-1	283	267	273	274	3.06	cps
Dysprosium	156-2	523	507	620	550	11.13	cps
Erbium	164-1	313	337	297	316	6.37	cps
Erbium	164-2	253	170	263	229	22.39	cps
Gadolinium	160-1	303	250	333	296	14.28	cps
Gadolinium	160-2	700	737	753	730	3.74	cps
Holmium	165-1	15229335	15430126	15336984	15332148	0.66	cps
Holmium	165-2	11112985	11072706	11074516	11086736	0.21	cps
Indium	115-1	11651145	11616896	11492372	11586804	0.72	cps
Indium	115-2	4393632	4366083	4384703	4381472	0.32	cps
Iron	56-2	534920379	538048139	537275339	536747952	0.30	cps
Iron	57-2	13477880	13316214	13529403	13441166	0.83	cps
Iron	54-2	29201992	29218177	29233179	29217783	0.05	cps
Krypton	83-1	167	233	243	214	19.44	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:48:33	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23128572	23036410	23159132	23108038	0.28	cps
Lead	207-1	20475263	20384532	20400840	20420212	0.24	cps
Lead	208-1	92767038	92758837	92845248	92790374	0.05	cps
Lithium	6-1	1874918	1886296	1880853	1880689	0.30	cps
Magnesium	24-2	105850138	105467912	105497172	105605074	0.20	cps
Manganese	55-2	18869481	18872360	18851853	18864564	0.06	cps
Molybdenum	94-1	20113911	20482881	20194126	20263639	0.96	cps
Molybdenum	95-1	29486760	29561463	29316072	29454765	0.43	cps
Molybdenum	96-1	32260248	32225947	32388149	32291448	0.26	cps
Molybdenum	97-1	18374071	18418646	18252211	18348309	0.47	cps
Molybdenum	98-1	47407289	47354191	46982948	47248143	0.49	cps
Neodymium	150-1	410	497	513	473	11.72	cps
Neodymium	150-2	173	137	150	153	12.10	cps
Nickel	60-2	836248	831952	834002	834067	0.26	cps
Phosphorus	31-2	124088	122384	122182	122885	0.85	cps
Potassium	39-2	68571357	68769416	68427721	68589498	0.25	cps
Rhodium	103-1	10499490	10183925	10116780	10266732	1.99	cps
Rhodium	103-2	6190034	6204263	6162453	6185583	0.34	cps
Scandium	45-1	6407173	6394392	6374730	6392098	0.26	cps
Scandium	45-2	566129	568961	567096	567395	0.25	cps
Selenium	82-1	84986	86000	85527	85504	0.59	cps
Selenium	77-2	9300	9693	9260	9418	2.54	cps
Selenium	78-2	31777	31537	30508	31274	2.16	cps
Silicon	28-1	7538646	7506689	7586374	7543903	0.53	cps
Silver	107-1	7111000	7117006	7178269	7135425	0.52	cps
Silver	109-1	6929261	6849094	6965833	6914729	0.86	cps
Sodium	23-2	170017121	171654564	170942047	170871244	0.48	cps
Strontium	86-1	1874676	1880450	1856312	1870479	0.67	cps
Strontium	88-1	16152916	16407761	16296896	16285858	0.78	cps
Sulfur	34-1	544367	544409	546189	544988	0.19	cps
Terbium	159-1	15691545	15673875	15619554	15661658	0.24	cps
Terbium	159-2	10849932	10927707	10849538	10875726	0.41	cps
Thallium	203-1	5790023	5899489	5840456	5843322	0.94	cps
Thallium	205-1	13761001	13871979	13805489	13812823	0.40	cps
Tin	118-1	4885573	4899341	4932081	4905665	0.49	cps
Titanium	47-1	7026832	7021887	7036154	7028291	0.10	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:48:33	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18289677	18640290	18672074	18534014	1.14	cps
Vanadium	51-2	2084789	2065536	2059661	2069995	0.63	cps
Yttrium	89-1	18223240	18120977	18138143	18160787	0.30	cps
Yttrium	89-2	5061950	5023200	5000638	5028596	0.62	cps
Zinc	66-2	4240579	4226197	4229259	4232012	0.18	cps
Zirconium	90-1	9977471	10080422	10078799	10045564	0.59	cps
Zirconium	91-1	2204250	2251788	2209640	2221893	1.17	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:51:19	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	937	880	760	859	10.50	cps
Antimony	121-1	2724	2724	2604	2684	2.58	cps
Arsenic	75-2	17	27	17	20	28.86	cps
Barium	135-1	540	637	547	574	9.40	cps
Barium	137-1	963	927	913	934	2.77	cps
Beryllium	9-1	210	247	233	230	8.07	cps
Bismuth	209-1	9723200	9755916	8335997	9271704	8.74	cps
Bismuth	209-2	8338557	8455957	8403116	8399210	0.70	cps
Bromine	81-1	13359	13490	13433	13427	0.49	cps
Bromine	81-2	197	183	130	170	20.75	cps
Cadmium	108-1	27	27	27	27	0.00	cps
Cadmium	106-1	4828	4531	3791	4383	12.18	cps
Cadmium	111-1	1123	1075	909	1036	10.82	cps
Calcium	43-1	710	677	713	700	2.90	cps
Calcium	44-1	14017	15345	14310	14557	4.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2190	2080	2130	2134	2.58	cps
Cobalt	59-2	293	327	293	304	6.32	cps
Copper	63-2	2724	2577	2497	2599	4.42	cps
Dysprosium	156-1	3	7	10	7	50.03	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	100	53	60	71	35.50	cps
Erbium	164-2	70	70	70	70	0.00	cps
Gadolinium	160-1	53	63	60	59	8.65	cps
Gadolinium	160-2	690	697	677	688	1.48	cps
Holmium	165-1	15391961	15693862	13411964	14832596	8.36	cps
Holmium	165-2	11496019	11731484	11517654	11581719	1.12	cps
Indium	115-1	12331942	12508775	10790053	11876923	7.96	cps
Indium	115-2	4895952	4936325	4847571	4893282	0.91	cps
Iron	56-2	53833	52425	48578	51612	5.27	cps
Iron	57-2	1770	1947	1740	1819	6.14	cps
Iron	54-2	4324	4051	4231	4202	3.31	cps
Krypton	83-1	160	190	207	186	12.75	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:51:19	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2400	2667	2384	2484	6.40	cps
Lead	207-1	2077	2204	2070	2117	3.55	cps
Lead	208-1	9478	10235	9308	9674	5.10	cps
Lithium	6-1	2036967	2016814	1761103	1938295	7.93	cps
Magnesium	24-2	6391	5824	5374	5863	8.69	cps
Manganese	55-2	1503	1440	1290	1411	7.76	cps
Molybdenum	94-1	2360	2474	2287	2374	3.96	cps
Molybdenum	95-1	2967	3007	2660	2878	6.59	cps
Molybdenum	96-1	3244	3417	3180	3280	3.74	cps
Molybdenum	97-1	1850	1897	1697	1815	5.77	cps
Molybdenum	98-1	4434	4918	4417	4590	6.19	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	697	670	630	666	5.04	cps
Phosphorus	31-2	157	177	153	162	7.78	cps
Potassium	39-2	58097	58867	57916	58293	0.87	cps
Rhodium	103-1	11261065	11443884	9731422	10812124	8.70	cps
Rhodium	103-2	7089689	7140920	7128762	7119790	0.38	cps
Scandium	45-1	6453937	6637367	5658110	6249805	8.33	cps
Scandium	45-2	602577	595922	599934	599478	0.56	cps
Selenium	82-1	176	129	77	127	38.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	397	430	447	424	6.00	cps
Silicon	28-1	537776	536943	539959	538226	0.29	cps
Silver	107-1	1160	1170	1107	1146	2.97	cps
Silver	109-1	1230	1090	950	1090	12.84	cps
Sodium	23-2	60629	57460	56490	58193	3.72	cps
Strontium	86-1	420	470	437	442	5.76	cps
Strontium	88-1	1140	1257	1193	1197	4.88	cps
Sulfur	34-1	161783	165283	166866	164644	1.58	cps
Terbium	159-1	15615141	16117351	13706459	15146317	8.40	cps
Terbium	159-2	11471207	11439887	11418932	11443342	0.23	cps
Thallium	203-1	1653	1590	1407	1550	8.27	cps
Thallium	205-1	3914	3727	3561	3734	4.74	cps
Tin	118-1	1757	1823	1740	1773	2.49	cps
Titanium	47-1	580	883	630	698	23.31	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 15:51:19	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1307	1453	1340	1367	5.63	cps
Vanadium	51-2	117	113	90	107	13.62	cps
Yttrium	89-1	18393416	18827864	16083358	17768213	8.30	cps
Yttrium	89-2	5341562	5279125	5367058	5329249	0.85	cps
Zinc	66-2	433	313	353	367	16.66	cps
Zirconium	90-1	1997	2287	2043	2109	7.38	cps
Zirconium	91-1	403	497	460	453	10.37	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 15:57:58	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3552977	3564934	3552460	3556790	0.20	cps
Antimony	121-1	440	430	457	442	3.05	cps
Arsenic	75-2	617	490	640	582	13.86	cps
Barium	135-1	64834	65553	66122	65503	0.99	cps
Barium	137-1	112013	114698	116216	114309	1.86	cps
Beryllium	9-1	597	607	600	601	0.85	cps
Bismuth	209-1	9418866	9434246	9474413	9442508	0.30	cps
Bismuth	209-2	7990018	7984295	8095327	8023213	0.78	cps
Bromine	81-1	13773	14554	14557	14295	3.16	cps
Bromine	81-2	300	347	320	322	7.26	cps
Cadmium	108-1	40	50	13	34	55.04	cps
Cadmium	106-1	5001	4891	4908	4933	1.20	cps
Cadmium	111-1	1345	1386	1362	1364	1.53	cps
Calcium	43-1	1339491	1387825	1346712	1358009	1.92	cps
Calcium	44-1	21535505	21695172	21926806	21719161	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19910	19446	20144	19833	1.79	cps
Cobalt	59-2	258620	258223	258310	258384	0.08	cps
Copper	63-2	43179	43637	43065	43294	0.70	cps
Dysprosium	156-1	79765	82601	83033	81800	2.17	cps
Dysprosium	156-2	68355	68017	68332	68235	0.28	cps
Erbium	164-1	105984	108806	108517	107769	1.44	cps
Erbium	164-2	79494	78801	80339	79545	0.97	cps
Gadolinium	160-1	86538	87303	88675	87505	1.24	cps
Gadolinium	160-2	67491	67002	67622	67372	0.49	cps
Holmium	165-1	15860073	15519055	15584364	15654497	1.16	cps
Holmium	165-2	11535498	11445902	11385243	11455548	0.66	cps
Indium	115-1	12439768	12504642	12541085	12495165	0.41	cps
Indium	115-2	4855853	4775031	4809197	4813360	0.84	cps
Iron	56-2	475955006	480910473	478851846	478572442	0.52	cps
Iron	57-2	11764796	11921234	11897390	11861140	0.71	cps
Iron	54-2	26060432	25995305	26246579	26100772	0.50	cps
Krypton	83-1	323	360	357	347	5.85	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 15:57:58	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4477	4577	4567	4541	1.21	cps
Lead	207-1	3574	3624	3771	3656	2.80	cps
Lead	208-1	17161	17098	17505	17254	1.27	cps
Lithium	6-1	1995236	1960394	1962194	1972608	0.99	cps
Magnesium	24-2	9037633	9037151	9092287	9055690	0.35	cps
Manganese	55-2	6580186	6525738	6607503	6571142	0.63	cps
Molybdenum	94-1	4674	4931	4838	4814	2.70	cps
Molybdenum	95-1	2210	2167	2090	2156	2.82	cps
Molybdenum	96-1	7489	7775	7582	7615	1.92	cps
Molybdenum	97-1	1283	1393	1330	1336	4.13	cps
Molybdenum	98-1	3260	3364	3227	3284	2.17	cps
Neodymium	150-1	91364	92987	91353	91901	1.02	cps
Neodymium	150-2	58066	56821	58059	57648	1.24	cps
Nickel	60-2	25755	26266	26243	26088	1.11	cps
Phosphorus	31-2	4317	4324	4447	4363	1.68	cps
Potassium	39-2	259560	263748	263290	262199	0.88	cps
Rhodium	103-1	11228677	11377880	11418917	11341825	0.88	cps
Rhodium	103-2	6922941	6866253	6973997	6921064	0.78	cps
Scandium	45-1	6713168	6668870	6783645	6721894	0.86	cps
Scandium	45-2	607095	606979	611048	608374	0.38	cps
Selenium	82-1	299	251	209	253	17.82	cps
Selenium	77-2	177	173	170	173	1.92	cps
Selenium	78-2	553	587	617	586	5.41	cps
Silicon	28-1	73223456	75308867	74846069	74459464	1.47	cps
Silver	107-1	440	447	477	454	4.30	cps
Silver	109-1	400	327	293	340	16.05	cps
Sodium	23-2	4634574	4620826	4705539	4653646	0.98	cps
Strontium	86-1	389143	391925	400703	393923	1.53	cps
Strontium	88-1	3503475	3599865	3594446	3565929	1.52	cps
Sulfur	34-1	5230904	5316594	5331113	5292870	1.02	cps
Terbium	159-1	15900514	16197040	16246217	16114590	1.16	cps
Terbium	159-2	11268115	11287718	11113449	11223094	0.85	cps
Thallium	203-1	890	967	920	926	4.17	cps
Thallium	205-1	2257	2074	2097	2142	4.66	cps
Tin	118-1	3071	2670	2704	2815	7.89	cps
Titanium	47-1	3344	2990	3180	3171	5.58	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 15:57:58	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46484	47260	47377	47041	1.03	cps
Vanadium	51-2	516649	516727	519906	517761	0.36	cps
Yttrium	89-1	20737089	20904103	20716206	20785799	0.50	cps
Yttrium	89-2	5847576	5820498	5875078	5847718	0.47	cps
Zinc	66-2	118331	117595	118004	117976	0.31	cps
Zirconium	90-1	9500	9216	9583	9433	2.04	cps
Zirconium	91-1	1953	2107	2097	2052	4.18	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:01:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3629851	3653396	3707691	3663646	1.09	cps
Antimony	121-1	333	343	400	359	10.02	cps
Arsenic	75-2	600	633	560	598	6.14	cps
Barium	135-1	67261	67281	66464	67002	0.70	cps
Barium	137-1	116550	117453	117622	117208	0.49	cps
Beryllium	9-1	547	590	547	561	4.46	cps
Bismuth	209-1	9317470	9302235	9340197	9319967	0.20	cps
Bismuth	209-2	8171062	8104318	8211416	8162265	0.66	cps
Bromine	81-1	14697	15091	14661	14816	1.61	cps
Bromine	81-2	350	343	343	346	1.11	cps
Cadmium	108-1	33	57	50	47	25.76	cps
Cadmium	106-1	4948	5231	5128	5102	2.81	cps
Cadmium	111-1	1356	1475	1406	1412	4.24	cps
Calcium	43-1	1414130	1440541	1399659	1418110	1.46	cps
Calcium	44-1	22681024	22822426	22632870	22712107	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20731	20784	20614	20710	0.42	cps
Cobalt	59-2	267202	267801	267717	267573	0.12	cps
Copper	63-2	44549	44202	44559	44437	0.46	cps
Dysprosium	156-1	84535	85478	84686	84900	0.60	cps
Dysprosium	156-2	69149	69641	69662	69484	0.42	cps
Erbium	164-1	110321	110700	111255	110759	0.42	cps
Erbium	164-2	81546	80999	82307	81618	0.80	cps
Gadolinium	160-1	89332	89863	91651	90282	1.35	cps
Gadolinium	160-2	68999	68851	69421	69090	0.43	cps
Holmium	165-1	15595192	15443222	15813121	15617178	1.19	cps
Holmium	165-2	11663792	11531933	11576388	11590704	0.58	cps
Indium	115-1	12519083	12346695	12757445	12541074	1.64	cps
Indium	115-2	4862098	4885865	4858210	4868724	0.31	cps
Iron	56-2	495645739	496888153	496080779	496204890	0.13	cps
Iron	57-2	12291213	12287149	12404439	12327601	0.54	cps
Iron	54-2	26971645	26920331	27151843	27014606	0.45	cps
Krypton	83-1	363	333	360	352	4.67	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:01:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4307	4734	4434	4492	4.88	cps
Lead	207-1	3697	3447	3911	3685	6.30	cps
Lead	208-1	17211	17575	17608	17465	1.26	cps
Lithium	6-1	1973444	1884518	1921684	1926549	2.32	cps
Magnesium	24-2	9386159	9293923	9352807	9344297	0.50	cps
Manganese	55-2	6760307	6824103	6859546	6814652	0.74	cps
Molybdenum	94-1	3867	4004	3757	3876	3.19	cps
Molybdenum	95-1	667	590	647	634	6.27	cps
Molybdenum	96-1	6448	6318	6852	6539	4.25	cps
Molybdenum	97-1	443	413	430	429	3.51	cps
Molybdenum	98-1	720	730	793	748	5.32	cps
Neodymium	150-1	94255	95504	95487	95082	0.75	cps
Neodymium	150-2	58976	59890	60640	59835	1.39	cps
Nickel	60-2	26794	27522	27158	27158	1.34	cps
Phosphorus	31-2	4421	4654	4361	4478	3.46	cps
Potassium	39-2	268654	269445	269587	269229	0.19	cps
Rhodium	103-1	11662933	11412777	11482307	11519339	1.12	cps
Rhodium	103-2	7046124	7043949	7117077	7069050	0.59	cps
Scandium	45-1	6877034	6733629	6879192	6829952	1.22	cps
Scandium	45-2	613702	616592	621043	617112	0.60	cps
Selenium	82-1	252	269	236	253	6.49	cps
Selenium	77-2	223	207	160	197	16.69	cps
Selenium	78-2	590	547	570	569	3.81	cps
Silicon	28-1	76955221	78155462	78046931	77719204	0.85	cps
Silver	107-1	400	350	343	364	8.50	cps
Silver	109-1	230	263	283	259	10.41	cps
Sodium	23-2	4733597	4755661	4822877	4770711	0.97	cps
Strontium	86-1	409776	410853	411418	410682	0.20	cps
Strontium	88-1	3684595	3664415	3701672	3683561	0.51	cps
Sulfur	34-1	5503957	5578149	5526413	5536173	0.69	cps
Terbium	159-1	16143807	15739501	16331953	16071754	1.88	cps
Terbium	159-2	11376609	11379125	11420659	11392131	0.22	cps
Thallium	203-1	820	847	697	788	10.16	cps
Thallium	205-1	1787	1937	1883	1869	4.07	cps
Tin	118-1	2307	2394	2204	2301	4.13	cps
Titanium	47-1	2964	3314	3047	3108	5.88	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:01:09	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46651	47745	48381	47593	1.84	cps
Vanadium	51-2	537309	537347	536698	537118	0.07	cps
Yttrium	89-1	20931165	20615443	21207631	20918080	1.42	cps
Yttrium	89-2	5991148	5952088	5949138	5964125	0.39	cps
Zinc	66-2	123011	121499	122235	122248	0.62	cps
Zirconium	90-1	8836	9146	9130	9037	1.93	cps
Zirconium	91-1	2087	2107	2094	2096	0.49	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	50
Date & Time Acquired :	2024-12-27 16:04:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	723286	729219	725294	725933	0.42	cps
Antimony	121-1	227	170	180	192	15.74	cps
Arsenic	75-2	137	137	123	132	5.82	cps
Barium	135-1	13617	13683	13627	13642	0.26	cps
Barium	137-1	23045	23566	24037	23550	2.11	cps
Beryllium	9-1	227	203	233	221	7.12	cps
Bismuth	209-1	9740890	9790797	9685010	9738899	0.54	cps
Bismuth	209-2	8349753	8310918	8397163	8352612	0.52	cps
Bromine	81-1	14998	14387	14344	14576	2.51	cps
Bromine	81-2	200	193	203	199	2.56	cps
Cadmium	108-1	7	13	13	11	34.61	cps
Cadmium	106-1	5034	4814	4571	4806	4.82	cps
Cadmium	111-1	1116	1043	1014	1058	4.98	cps
Calcium	43-1	291848	291115	291618	291527	0.13	cps
Calcium	44-1	4571026	4642159	4638309	4617165	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5501	5394	5648	5514	2.31	cps
Cobalt	59-2	54897	55094	54662	54884	0.39	cps
Copper	63-2	10504	11031	11108	10881	3.02	cps
Dysprosium	156-1	16697	17254	16563	16838	2.18	cps
Dysprosium	156-2	13537	14054	14030	13874	2.11	cps
Erbium	164-1	22051	21730	21997	21926	0.78	cps
Erbium	164-2	15923	16683	15839	16148	2.88	cps
Gadolinium	160-1	18392	17715	17571	17893	2.45	cps
Gadolinium	160-2	14024	14471	14014	14169	1.84	cps
Holmium	165-1	16119216	16273683	16053257	16148719	0.70	cps
Holmium	165-2	11617507	11628239	11703252	11649666	0.40	cps
Indium	115-1	13232881	13194797	13106862	13178180	0.49	cps
Indium	115-2	5010453	5029364	5060226	5033348	0.50	cps
Iron	56-2	100916489	101559382	100912595	101129488	0.37	cps
Iron	57-2	2518272	2518471	2527917	2521554	0.22	cps
Iron	54-2	5563364	5526944	5547922	5546077	0.33	cps
Krypton	83-1	200	233	240	224	9.55	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	50
Date & Time Acquired :	2024-12-27 16:04:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1417	1387	1410	1405	1.12	cps
Lead	207-1	1190	1167	1060	1139	6.09	cps
Lead	208-1	5504	5360	5454	5439	1.34	cps
Lithium	6-1	2041960	2010354	2009914	2020743	0.91	cps
Magnesium	24-2	1950766	1949647	1901889	1934100	1.44	cps
Manganese	55-2	1389038	1419479	1352533	1387017	2.42	cps
Molybdenum	94-1	1243	1263	1350	1286	4.41	cps
Molybdenum	95-1	617	630	603	617	2.16	cps
Molybdenum	96-1	1880	1880	1880	1880	0.00	cps
Molybdenum	97-1	360	413	377	383	7.12	cps
Molybdenum	98-1	967	897	890	918	4.63	cps
Neodymium	150-1	18926	19006	18629	18854	1.05	cps
Neodymium	150-2	11662	11942	11962	11855	1.42	cps
Nickel	60-2	5815	5811	6308	5978	4.78	cps
Phosphorus	31-2	1060	1113	873	1016	12.41	cps
Potassium	39-2	100187	102452	100727	101122	1.17	cps
Rhodium	103-1	12072276	12119788	12135596	12109220	0.27	cps
Rhodium	103-2	7369163	7369005	7415482	7384550	0.36	cps
Scandium	45-1	7112077	7170417	7207344	7163279	0.67	cps
Scandium	45-2	638208	641907	638862	639659	0.31	cps
Selenium	82-1	263	159	119	180	41.16	cps
Selenium	77-2	30	23	33	29	17.63	cps
Selenium	78-2	480	480	517	492	4.30	cps
Silicon	28-1	16337846	16275959	16474552	16362785	0.62	cps
Silver	107-1	263	187	187	212	20.86	cps
Silver	109-1	157	133	117	136	14.82	cps
Sodium	23-2	938817	946392	936451	940553	0.55	cps
Strontium	86-1	83062	83090	83545	83232	0.33	cps
Strontium	88-1	712155	715945	715656	714585	0.30	cps
Sulfur	34-1	1315790	1296394	1313395	1308526	0.81	cps
Terbium	159-1	16585329	16296014	16377055	16419466	0.91	cps
Terbium	159-2	11656724	11541283	11646922	11614976	0.55	cps
Thallium	203-1	587	657	637	627	5.75	cps
Thallium	205-1	1403	1490	1233	1376	9.49	cps
Tin	118-1	1797	1777	1800	1791	0.70	cps
Titanium	47-1	730	760	760	750	2.31	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	50
Date & Time Acquired :	2024-12-27 16:04:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9483	9981	9163	9542	4.32	cps
Vanadium	51-2	109272	109493	108607	109124	0.42	cps
Yttrium	89-1	20089606	20409240	20223869	20240905	0.79	cps
Yttrium	89-2	5679013	5730104	5717535	5708884	0.47	cps
Zinc	66-2	25903	25809	25832	25848	0.19	cps
Zirconium	90-1	2454	2490	2510	2485	1.16	cps
Zirconium	91-1	503	487	483	491	2.18	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:07:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3781732	3807606	3774515	3787951	0.46	cps
Antimony	121-1	731216	758011	760278	749835	2.16	cps
Arsenic	75-2	42146	42059	42457	42221	0.50	cps
Barium	135-1	957574	988024	992538	979379	1.94	cps
Barium	137-1	1732960	1767582	1771412	1757318	1.21	cps
Beryllium	9-1	91091	94575	94236	93301	2.06	cps
Bismuth	209-1	9870819	9392705	9400843	9554789	2.86	cps
Bismuth	209-2	8138699	8096804	7897800	8044434	1.60	cps
Bromine	81-1	14854	14317	15175	14782	2.93	cps
Bromine	81-2	370	283	333	329	13.23	cps
Cadmium	108-1	14381	15085	15191	14886	2.96	cps
Cadmium	106-1	26284	26230	26197	26237	0.17	cps
Cadmium	111-1	204386	210927	209235	208182	1.63	cps
Calcium	43-1	1481907	1524262	1479755	1495308	1.68	cps
Calcium	44-1	23644956	24222842	24237025	24034941	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	318099	318885	316234	317739	0.43	cps
Cobalt	59-2	739677	736556	733144	736459	0.44	cps
Copper	63-2	2975619	2931518	2970705	2959281	0.82	cps
Dysprosium	156-1	77170	79466	81608	79415	2.79	cps
Dysprosium	156-2	66148	65160	66165	65824	0.87	cps
Erbium	164-1	100425	103775	104450	102883	2.10	cps
Erbium	164-2	75704	75680	76809	76064	0.85	cps
Gadolinium	160-1	82183	85787	85415	84461	2.35	cps
Gadolinium	160-2	66132	66115	64035	65427	1.84	cps
Holmium	165-1	16685481	16088028	15691327	16154945	3.10	cps
Holmium	165-2	11584299	11422626	11565999	11524308	0.77	cps
Indium	115-1	13527495	12852328	12716876	13032233	3.33	cps
Indium	115-2	4887389	4979845	4878611	4915282	1.14	cps
Iron	56-2	479923500	480171393	481491873	480528922	0.18	cps
Iron	57-2	11944603	11969245	11942978	11952275	0.12	cps
Iron	54-2	26462160	25971499	26153655	26195772	0.95	cps
Krypton	83-1	373	320	397	363	10.82	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:07:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2343953	2329842	2375585	2349793	1.00	cps
Lead	207-1	2061913	2098688	2098881	2086494	1.02	cps
Lead	208-1	9283677	9488598	9606851	9459709	1.73	cps
Lithium	6-1	2085319	1962858	1960008	2002729	3.57	cps
Magnesium	24-2	11048506	11063275	10980018	11030599	0.40	cps
Manganese	55-2	8411161	8313935	8440614	8388570	0.79	cps
Molybdenum	94-1	1714700	1777900	1781002	1757867	2.13	cps
Molybdenum	95-1	2230433	2247692	2310351	2262825	1.86	cps
Molybdenum	96-1	2441728	2548094	2541382	2510401	2.37	cps
Molybdenum	97-1	1319191	1382792	1376160	1359381	2.57	cps
Molybdenum	98-1	3493770	3609482	3609679	3570977	1.87	cps
Neodymium	150-1	86577	89663	89871	88703	2.08	cps
Neodymium	150-2	56124	56168	56141	56145	0.04	cps
Nickel	60-2	145134	144353	144613	144700	0.27	cps
Phosphorus	31-2	4174	4297	4361	4277	2.22	cps
Potassium	39-2	2059129	2061235	2077782	2066049	0.49	cps
Rhodium	103-1	12258393	11560471	11754466	11857776	3.04	cps
Rhodium	103-2	7050616	7052476	6990454	7031182	0.50	cps
Scandium	45-1	7463394	7049014	6973016	7161808	3.69	cps
Scandium	45-2	621909	622052	620924	621628	0.10	cps
Selenium	82-1	11665	12089	12433	12062	3.19	cps
Selenium	77-2	1517	1493	1427	1479	3.16	cps
Selenium	78-2	5208	5091	4971	5090	2.33	cps
Silicon	28-1	71180611	74111924	72970262	72754266	2.03	cps
Silver	107-1	1943	1843	1973	1920	3.55	cps
Silver	109-1	1140	1187	1193	1173	2.48	cps
Sodium	23-2	8095193	8054742	8027989	8059308	0.42	cps
Strontium	86-1	613260	625625	628235	622373	1.29	cps
Strontium	88-1	5463131	5621705	5613469	5566101	1.60	cps
Sulfur	34-1	5165630	5262615	5212289	5213511	0.93	cps
Terbium	159-1	17035377	16287432	16228773	16517194	2.72	cps
Terbium	159-2	11450177	11325103	11346715	11373998	0.59	cps
Thallium	203-1	692501	713934	713576	706670	1.74	cps
Thallium	205-1	1652619	1689284	1702326	1681409	1.53	cps
Tin	118-1	593443	617019	621920	610794	2.49	cps
Titanium	47-1	341484	352757	354476	349572	2.02	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:07:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2263627	2327039	2325223	2305296	1.57	cps
Vanadium	51-2	781192	781614	783371	782059	0.15	cps
Yttrium	89-1	22350335	21296313	21096548	21581065	3.12	cps
Yttrium	89-2	5909181	5929576	5846158	5894972	0.74	cps
Zinc	66-2	597018	594190	594577	595262	0.26	cps
Zirconium	90-1	1259442	1307211	1306079	1290911	2.11	cps
Zirconium	91-1	277701	288811	290049	285520	2.38	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:10:37	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3828782	3832214	3774188	3811728	0.85	cps
Antimony	121-1	749571	768738	767241	761850	1.40	cps
Arsenic	75-2	41782	41822	41615	41740	0.26	cps
Barium	135-1	987607	1006712	995759	996693	0.96	cps
Barium	137-1	1733943	1776910	1787248	1766034	1.60	cps
Beryllium	9-1	92329	94625	92526	93160	1.37	cps
Bismuth	209-1	9548879	9395182	9471707	9471923	0.81	cps
Bismuth	209-2	8135203	8141925	8091893	8123007	0.33	cps
Bromine	81-1	15044	14674	14938	14885	1.28	cps
Bromine	81-2	380	333	360	358	6.54	cps
Cadmium	108-1	14918	14981	15709	15203	2.89	cps
Cadmium	106-1	26548	26311	26945	26601	1.21	cps
Cadmium	111-1	208083	212857	210962	210634	1.14	cps
Calcium	43-1	1485885	1501616	1508818	1498773	0.78	cps
Calcium	44-1	23961637	24263866	24170959	24132154	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320402	318140	316955	318499	0.55	cps
Cobalt	59-2	745984	739884	735185	740351	0.73	cps
Copper	63-2	3001650	2953873	2964920	2973481	0.84	cps
Dysprosium	156-1	78695	79909	80421	79675	1.11	cps
Dysprosium	156-2	66466	66316	66259	66347	0.16	cps
Erbium	164-1	103231	105430	105877	104846	1.35	cps
Erbium	164-2	75814	75593	76984	76130	0.98	cps
Gadolinium	160-1	83758	85921	86025	85235	1.50	cps
Gadolinium	160-2	65328	65944	65217	65497	0.60	cps
Holmium	165-1	15970829	15886284	15869928	15909014	0.34	cps
Holmium	165-2	11640630	11612608	11501299	11584846	0.64	cps
Indium	115-1	12711410	12894522	12563356	12723096	1.30	cps
Indium	115-2	4913649	4929448	4897998	4913698	0.32	cps
Iron	56-2	488029099	482609193	483490939	484709744	0.60	cps
Iron	57-2	12097682	12022607	11906606	12008965	0.80	cps
Iron	54-2	26385292	26214007	26260483	26286594	0.34	cps
Krypton	83-1	367	353	400	373	6.44	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:10:37	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2316692	2405600	2352397	2358230	1.90	cps
Lead	207-1	2083337	2091955	2128252	2101181	1.13	cps
Lead	208-1	9451595	9559461	9634028	9548361	0.96	cps
Lithium	6-1	1939813	1955209	1950430	1948484	0.40	cps
Magnesium	24-2	11011913	10856941	11031927	10966927	0.87	cps
Manganese	55-2	8492741	8315947	8370023	8392904	1.08	cps
Molybdenum	94-1	1754875	1762769	1785334	1767659	0.89	cps
Molybdenum	95-1	2210995	2300550	2282373	2264639	2.09	cps
Molybdenum	96-1	2513202	2536327	2539823	2529784	0.57	cps
Molybdenum	97-1	1372204	1379303	1377332	1376280	0.27	cps
Molybdenum	98-1	3615447	3632407	3606425	3618093	0.36	cps
Neodymium	150-1	88398	89652	90930	89660	1.41	cps
Neodymium	150-2	57590	56238	55606	56478	1.80	cps
Nickel	60-2	145417	147123	145545	146028	0.65	cps
Phosphorus	31-2	4114	4301	4257	4224	2.31	cps
Potassium	39-2	2068456	2070170	2081048	2073225	0.33	cps
Rhodium	103-1	11743447	11708673	11624913	11692344	0.52	cps
Rhodium	103-2	7131463	7130849	7018561	7093625	0.92	cps
Scandium	45-1	7050667	7056624	6898349	7001880	1.28	cps
Scandium	45-2	624319	624083	621419	623274	0.26	cps
Selenium	82-1	12258	12345	12180	12261	0.67	cps
Selenium	77-2	1520	1467	1377	1455	4.98	cps
Selenium	78-2	5288	5011	5281	5193	3.04	cps
Silicon	28-1	73112989	73649642	74031897	73598176	0.63	cps
Silver	107-1	1957	1953	1937	1949	0.55	cps
Silver	109-1	1153	1003	1120	1092	7.21	cps
Sodium	23-2	8085621	7922532	8102348	8036834	1.24	cps
Strontium	86-1	624405	632747	636826	631326	1.00	cps
Strontium	88-1	5591074	5642875	5599562	5611170	0.50	cps
Sulfur	34-1	5159129	5170384	5277631	5202381	1.26	cps
Terbium	159-1	16395870	16270777	16042543	16236397	1.10	cps
Terbium	159-2	11485853	11341646	11503579	11443693	0.78	cps
Thallium	203-1	709839	722790	723027	718552	1.05	cps
Thallium	205-1	1678852	1710548	1715845	1701748	1.18	cps
Tin	118-1	609420	618486	629821	619242	1.65	cps
Titanium	47-1	348537	353986	353547	352023	0.86	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:10:37	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2254975	2364100	2332415	2317164	2.42	cps
Vanadium	51-2	788223	783243	779898	783788	0.53	cps
Yttrium	89-1	21461582	21234071	20984032	21226562	1.13	cps
Yttrium	89-2	5978172	5990268	5891233	5953224	0.91	cps
Zinc	66-2	601880	598081	594848	598270	0.59	cps
Zirconium	90-1	1294800	1316249	1309481	1306843	0.84	cps
Zirconium	91-1	287119	289612	293030	289921	1.02	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:13:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3775631	3732231	3740715	3749526	0.61	cps
Antimony	121-1	750674	758079	761767	756840	0.75	cps
Arsenic	75-2	41521	41675	42143	41780	0.77	cps
Barium	135-1	986297	992924	999811	993011	0.68	cps
Barium	137-1	1778727	1791180	1804101	1791336	0.71	cps
Beryllium	9-1	93234	93455	93546	93412	0.17	cps
Bismuth	209-1	9884950	9587464	9442841	9638419	2.34	cps
Bismuth	209-2	8184589	8181759	8176868	8181072	0.05	cps
Bromine	81-1	14814	14671	14984	14823	1.06	cps
Bromine	81-2	377	313	367	352	9.67	cps
Cadmium	108-1	14584	14627	14961	14724	1.40	cps
Cadmium	106-1	26170	25963	26648	26260	1.34	cps
Cadmium	111-1	207880	210263	209937	209360	0.62	cps
Calcium	43-1	1496136	1494087	1511232	1500485	0.62	cps
Calcium	44-1	23979347	24071078	24105836	24052087	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317940	318106	314941	316996	0.56	cps
Cobalt	59-2	739285	735044	737022	737117	0.29	cps
Copper	63-2	2946120	2922510	2909094	2925908	0.64	cps
Dysprosium	156-1	79134	79832	80851	79939	1.08	cps
Dysprosium	156-2	65579	66396	65659	65878	0.68	cps
Erbium	164-1	101992	103550	104910	103484	1.41	cps
Erbium	164-2	75472	76722	76253	76149	0.83	cps
Gadolinium	160-1	84281	85790	84540	84870	0.95	cps
Gadolinium	160-2	65060	64939	64819	64939	0.19	cps
Holmium	165-1	16480535	16235747	16027979	16248087	1.39	cps
Holmium	165-2	11614323	11713889	11733944	11687385	0.55	cps
Indium	115-1	13433359	12827830	12775685	13012291	2.81	cps
Indium	115-2	4969837	4954278	4946822	4956979	0.24	cps
Iron	56-2	484187953	480435766	478946833	481190184	0.56	cps
Iron	57-2	12075019	11793824	11982049	11950297	1.20	cps
Iron	54-2	26386310	26072190	26064993	26174498	0.70	cps
Krypton	83-1	387	323	393	368	10.50	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:13:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2307388	2407730	2319283	2344800	2.34	cps
Lead	207-1	2084018	2083396	2105783	2091066	0.61	cps
Lead	208-1	9478107	9590486	9466000	9511531	0.72	cps
Lithium	6-1	1984983	1968248	1975597	1976276	0.42	cps
Magnesium	24-2	10943998	10841637	10821988	10869208	0.60	cps
Manganese	55-2	8413049	8241580	8350956	8335195	1.04	cps
Molybdenum	94-1	1726899	1754731	1731706	1737779	0.86	cps
Molybdenum	95-1	2225074	2256526	2257460	2246353	0.82	cps
Molybdenum	96-1	2513596	2549342	2513531	2525489	0.82	cps
Molybdenum	97-1	1357740	1372291	1384767	1371599	0.99	cps
Molybdenum	98-1	3566638	3642826	3619013	3609492	1.08	cps
Neodymium	150-1	88921	89683	89250	89285	0.43	cps
Neodymium	150-2	56496	56278	56392	56389	0.19	cps
Nickel	60-2	143946	144875	142899	143907	0.69	cps
Phosphorus	31-2	4361	4301	4387	4350	1.02	cps
Potassium	39-2	2048656	2036711	2043284	2042883	0.29	cps
Rhodium	103-1	11910107	11840032	11750290	11833476	0.68	cps
Rhodium	103-2	7165729	7122691	7134937	7141119	0.31	cps
Scandium	45-1	7266469	7054872	7006509	7109283	1.94	cps
Scandium	45-2	623882	623572	623043	623499	0.07	cps
Selenium	82-1	12010	12524	12262	12265	2.09	cps
Selenium	77-2	1367	1577	1473	1472	7.13	cps
Selenium	78-2	4948	4961	4974	4961	0.27	cps
Silicon	28-1	72522522	73862982	73534634	73306713	0.95	cps
Silver	107-1	1940	1870	2100	1970	5.98	cps
Silver	109-1	1100	1180	1037	1106	6.50	cps
Sodium	23-2	8079540	8008478	7983606	8023875	0.62	cps
Strontium	86-1	623560	626730	629857	626715	0.50	cps
Strontium	88-1	5549220	5628449	5515620	5564430	1.04	cps
Sulfur	34-1	5254919	5212168	5217487	5228191	0.45	cps
Terbium	159-1	16914547	16650166	16197509	16587408	2.19	cps
Terbium	159-2	11578179	11648969	11466325	11564491	0.80	cps
Thallium	203-1	707187	716061	717889	713713	0.80	cps
Thallium	205-1	1678490	1707710	1718348	1701516	1.21	cps
Tin	118-1	610603	625124	622903	619543	1.26	cps
Titanium	47-1	346660	351367	353014	350347	0.94	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:13:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2291165	2316696	2355180	2321013	1.39	cps
Vanadium	51-2	781435	774282	776216	777311	0.48	cps
Yttrium	89-1	21769496	21445656	21036834	21417328	1.71	cps
Yttrium	89-2	5921115	5955756	5956963	5944611	0.34	cps
Zinc	66-2	592224	593805	590252	592094	0.30	cps
Zirconium	90-1	1282337	1310456	1311866	1301553	1.28	cps
Zirconium	91-1	286885	290419	289599	288968	0.64	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:16:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3431505	3474415	3509631	3471850	1.13	cps
Antimony	121-1	890	773	753	806	9.16	cps
Arsenic	75-2	520	493	507	507	2.63	cps
Barium	135-1	63370	63752	62771	63298	0.78	cps
Barium	137-1	109632	110744	108920	109765	0.84	cps
Beryllium	9-1	770	537	627	644	18.26	cps
Bismuth	209-1	9600055	9429002	9455870	9494975	0.97	cps
Bismuth	209-2	8228648	7832388	8054036	8038357	2.47	cps
Bromine	81-1	15782	15108	15285	15391	2.27	cps
Bromine	81-2	360	360	320	347	6.66	cps
Cadmium	108-1	40	50	33	41	20.41	cps
Cadmium	106-1	5294	4968	5284	5182	3.59	cps
Cadmium	111-1	1419	1427	1400	1415	0.97	cps
Calcium	43-1	1284603	1312776	1306757	1301379	1.14	cps
Calcium	44-1	20546423	21003061	21092188	20880558	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16299	16145	16556	16333	1.27	cps
Cobalt	59-2	278955	280116	276922	278665	0.58	cps
Copper	63-2	41320	40458	40625	40801	1.12	cps
Dysprosium	156-1	81954	83345	83231	82843	0.93	cps
Dysprosium	156-2	68724	69239	67498	68487	1.31	cps
Erbium	164-1	107724	110254	110942	109640	1.55	cps
Erbium	164-2	80333	80326	78713	79791	1.17	cps
Gadolinium	160-1	87498	89423	88209	88376	1.10	cps
Gadolinium	160-2	67468	68295	68804	68189	0.99	cps
Holmium	165-1	15978492	16086121	16100323	16054979	0.41	cps
Holmium	165-2	11762634	11211693	11506408	11493578	2.40	cps
Indium	115-1	13067058	13047718	12858888	12991221	0.89	cps
Indium	115-2	5029327	4717571	4880728	4875875	3.20	cps
Iron	56-2	499091006	494497339	494074286	495887544	0.56	cps
Iron	57-2	12391804	12255424	12295139	12314122	0.57	cps
Iron	54-2	26951716	27181782	26794276	26975925	0.72	cps
Krypton	83-1	433	347	433	404	12.37	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:16:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3877	3761	3684	3774	2.58	cps
Lead	207-1	3080	3030	3114	3075	1.36	cps
Lead	208-1	15330	14533	14500	14788	3.18	cps
Lithium	6-1	1987318	1983226	1953344	1974629	0.94	cps
Magnesium	24-2	7950526	7895833	7970866	7939075	0.49	cps
Manganese	55-2	6692920	6665000	6663870	6673930	0.25	cps
Molybdenum	94-1	5698	5578	5618	5631	1.09	cps
Molybdenum	95-1	1107	977	807	963	15.62	cps
Molybdenum	96-1	7032	7269	6965	7088	2.25	cps
Molybdenum	97-1	620	583	553	586	5.70	cps
Molybdenum	98-1	1437	1327	1010	1258	17.61	cps
Neodymium	150-1	89697	93866	91873	91812	2.27	cps
Neodymium	150-2	57992	58424	57483	57966	0.81	cps
Nickel	60-2	17520	16893	17384	17266	1.91	cps
Phosphorus	31-2	4064	3684	3700	3816	5.63	cps
Potassium	39-2	285201	285444	285261	285302	0.04	cps
Rhodium	103-1	11944250	11718183	11967076	11876503	1.16	cps
Rhodium	103-2	7229312	6885079	7132078	7082156	2.51	cps
Scandium	45-1	7122363	7021967	7113744	7086025	0.79	cps
Scandium	45-2	636801	605636	621955	621464	2.51	cps
Selenium	82-1	190	241	192	208	13.81	cps
Selenium	77-2	147	187	200	178	15.61	cps
Selenium	78-2	610	593	597	600	1.47	cps
Silicon	28-1	83298050	84572575	84590627	84153751	0.88	cps
Silver	107-1	280	273	340	298	12.33	cps
Silver	109-1	207	227	180	204	11.45	cps
Sodium	23-2	4215515	4254037	4287346	4252299	0.85	cps
Strontium	86-1	409812	417728	415814	414451	1.00	cps
Strontium	88-1	3685685	3759563	3798313	3747854	1.53	cps
Sulfur	34-1	5110791	5085057	5184366	5126738	1.01	cps
Terbium	159-1	16860394	16299769	16477324	16545829	1.73	cps
Terbium	159-2	11711590	11079275	11440000	11410288	2.78	cps
Thallium	203-1	827	723	647	732	12.34	cps
Thallium	205-1	1717	1580	1413	1570	9.68	cps
Tin	118-1	3024	3157	2954	3045	3.39	cps
Titanium	47-1	3324	3377	3434	3378	1.63	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:16:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46217	46284	47260	46587	1.25	cps
Vanadium	51-2	502634	502224	499427	501428	0.35	cps
Yttrium	89-1	21716986	21669580	21818418	21734995	0.35	cps
Yttrium	89-2	6120358	5798230	5964413	5961000	2.70	cps
Zinc	66-2	128829	128039	129398	128756	0.53	cps
Zirconium	90-1	12826	13610	12946	13127	3.22	cps
Zirconium	91-1	2927	2924	2950	2934	0.50	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:19:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3241465	3193761	3214910	3216712	0.74	cps
Antimony	121-1	400	343	353	366	8.27	cps
Arsenic	75-2	607	557	527	563	7.17	cps
Barium	135-1	64294	65312	64857	64821	0.79	cps
Barium	137-1	112678	113586	113159	113141	0.40	cps
Beryllium	9-1	483	570	583	546	9.95	cps
Bismuth	209-1	9536558	9515454	9389292	9480435	0.84	cps
Bismuth	209-2	8291501	8190854	8225423	8235926	0.62	cps
Bromine	81-1	15245	15432	15001	15226	1.42	cps
Bromine	81-2	300	353	370	341	10.72	cps
Cadmium	108-1	20	37	13	23	51.52	cps
Cadmium	106-1	5208	5001	5114	5108	2.03	cps
Cadmium	111-1	1437	1379	1410	1409	2.08	cps
Calcium	43-1	1610528	1598780	1642911	1617406	1.41	cps
Calcium	44-1	25472871	25673981	25981896	25709583	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15121	14714	14584	14806	1.89	cps
Cobalt	59-2	263820	262529	262020	262790	0.35	cps
Copper	63-2	32883	32512	32138	32511	1.15	cps
Dysprosium	156-1	81944	82678	84589	83070	1.64	cps
Dysprosium	156-2	68861	69380	69256	69166	0.39	cps
Erbium	164-1	112334	111806	113013	112384	0.54	cps
Erbium	164-2	82310	83373	83112	82932	0.67	cps
Gadolinium	160-1	90184	89359	90342	89962	0.59	cps
Gadolinium	160-2	69411	69139	68554	69034	0.63	cps
Holmium	165-1	16109245	16092451	16147600	16116432	0.18	cps
Holmium	165-2	11742083	11888582	11675439	11768702	0.93	cps
Indium	115-1	13032635	12961335	12911686	12968552	0.47	cps
Indium	115-2	4990498	5003359	4927610	4973823	0.81	cps
Iron	56-2	494706993	497722339	493063139	495164157	0.48	cps
Iron	57-2	12265605	12207627	12150860	12208031	0.47	cps
Iron	54-2	26890028	26826117	26805853	26840666	0.16	cps
Krypton	83-1	410	433	383	409	6.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:19:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2760	2747	2894	2800	2.90	cps
Lead	207-1	2244	2347	2324	2305	2.35	cps
Lead	208-1	10882	10925	10922	10910	0.22	cps
Lithium	6-1	1945180	1967487	1946948	1953205	0.63	cps
Magnesium	24-2	8255291	8238647	8191736	8228558	0.40	cps
Manganese	55-2	7806738	7746857	7775567	7776388	0.39	cps
Molybdenum	94-1	4401	4254	4051	4235	4.15	cps
Molybdenum	95-1	637	647	510	598	12.75	cps
Molybdenum	96-1	6725	6588	6495	6603	1.75	cps
Molybdenum	97-1	423	357	407	396	8.77	cps
Molybdenum	98-1	750	650	620	673	10.11	cps
Neodymium	150-1	92008	92936	92246	92397	0.52	cps
Neodymium	150-2	57537	57724	57898	57720	0.31	cps
Nickel	60-2	16803	16723	16846	16791	0.37	cps
Phosphorus	31-2	2887	2830	3010	2909	3.16	cps
Potassium	39-2	279655	280341	279961	279986	0.12	cps
Rhodium	103-1	11941320	11837278	11959654	11912751	0.55	cps
Rhodium	103-2	7303562	7176607	7118129	7199433	1.32	cps
Scandium	45-1	7129118	7046491	7069278	7081629	0.60	cps
Scandium	45-2	637442	627789	627350	630860	0.90	cps
Selenium	82-1	169	220	227	205	15.36	cps
Selenium	77-2	150	150	163	154	4.99	cps
Selenium	78-2	637	657	560	618	8.26	cps
Silicon	28-1	77449106	77719772	76946141	77371673	0.51	cps
Silver	107-1	327	273	253	284	13.33	cps
Silver	109-1	223	197	257	226	13.33	cps
Sodium	23-2	3861925	3872939	3805564	3846809	0.94	cps
Strontium	86-1	469403	471414	470351	470389	0.21	cps
Strontium	88-1	4151510	4246423	4253922	4217285	1.35	cps
Sulfur	34-1	5340448	5372494	5423961	5378968	0.78	cps
Terbium	159-1	16598229	16385204	16659855	16547763	0.87	cps
Terbium	159-2	11549920	11561393	11514958	11542090	0.21	cps
Thallium	203-1	537	500	543	527	4.43	cps
Thallium	205-1	1353	1257	1247	1286	4.58	cps
Tin	118-1	2614	2620	2597	2610	0.46	cps
Titanium	47-1	2747	2664	2897	2769	4.27	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX10	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	10
Date & Time Acquired :	2024-12-27 16:19:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49298	50833	50583	50238	1.64	cps
Vanadium	51-2	511360	510974	509851	510728	0.15	cps
Yttrium	89-1	21721356	21503740	21618163	21614419	0.50	cps
Yttrium	89-2	6104724	6060708	6041407	6068946	0.53	cps
Zinc	66-2	124332	124991	123001	124108	0.82	cps
Zirconium	90-1	9947	10391	10437	10258	2.64	cps
Zirconium	91-1	2290	2204	2394	2296	4.14	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:23:02	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13477244	13639258	13492823	13536442	0.66	cps
Antimony	121-1	5971587	5958107	6103416	6011037	1.34	cps
Arsenic	75-2	294414	292871	295084	294123	0.39	cps
Barium	135-1	7809731	7795415	7791435	7798860	0.12	cps
Barium	137-1	13318566	13314955	13295092	13309538	0.09	cps
Beryllium	9-1	701548	699275	700306	700376	0.16	cps
Bismuth	209-1	8906370	8833549	9022793	8920904	1.07	cps
Bismuth	209-2	7496066	7426991	7374316	7432458	0.82	cps
Bromine	81-1	12959	12812	12192	12654	3.22	cps
Bromine	81-2	87	93	117	99	15.93	cps
Cadmium	108-1	107931	108286	107286	107834	0.47	cps
Cadmium	106-1	156071	155276	155071	155473	0.34	cps
Cadmium	111-1	1464333	1464676	1460022	1463011	0.18	cps
Calcium	43-1	7755794	7582216	7513852	7617287	1.64	cps
Calcium	44-1	124457961	121182492	120936125	122192193	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2287988	2290773	2295919	2291560	0.18	cps
Cobalt	59-2	3520498	3547222	3557261	3541660	0.54	cps
Copper	63-2	24313415	24290920	24519575	24374637	0.52	cps
Dysprosium	156-1	387	320	347	351	9.56	cps
Dysprosium	156-2	497	560	593	550	8.93	cps
Erbium	164-1	300	337	387	341	12.75	cps
Erbium	164-2	203	243	257	234	11.84	cps
Gadolinium	160-1	343	297	357	332	9.48	cps
Gadolinium	160-2	797	693	780	757	7.33	cps
Holmium	165-1	15698037	15489793	15292720	15493516	1.31	cps
Holmium	165-2	11347194	11002935	11045636	11131922	1.69	cps
Indium	115-1	11910389	11665525	11642643	11739519	1.26	cps
Indium	115-2	4439901	4387199	4415313	4414138	0.60	cps
Iron	56-2	537223752	539811592	536777365	537937570	0.30	cps
Iron	57-2	13444590	13594097	13478755	13505814	0.58	cps
Iron	54-2	29173711	29334285	29148840	29218945	0.34	cps
Krypton	83-1	177	193	180	183	4.81	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:23:02	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23015270	23469292	23340616	23275059	1.01	cps
Lead	207-1	20430601	20575376	20692825	20566267	0.64	cps
Lead	208-1	92919083	93789352	94113816	93607417	0.66	cps
Lithium	6-1	1858311	1853715	1845572	1852533	0.35	cps
Magnesium	24-2	104081072	104483058	104562135	104375422	0.25	cps
Manganese	55-2	18739691	18972418	18715253	18809120	0.75	cps
Molybdenum	94-1	20689576	20364924	20413994	20489498	0.85	cps
Molybdenum	95-1	30101695	29444797	29762453	29769648	1.10	cps
Molybdenum	96-1	33253272	32474868	32377100	32701746	1.47	cps
Molybdenum	97-1	18781843	18591251	18311048	18561381	1.28	cps
Molybdenum	98-1	48090596	48244258	47516954	47950603	0.80	cps
Neodymium	150-1	490	503	470	488	3.44	cps
Neodymium	150-2	173	147	173	164	9.36	cps
Nickel	60-2	834252	838412	832425	835030	0.37	cps
Phosphorus	31-2	120973	120990	121961	121308	0.47	cps
Potassium	39-2	68077352	68617587	67822334	68172425	0.60	cps
Rhodium	103-1	10540264	10446854	10290002	10425707	1.21	cps
Rhodium	103-2	6275039	6214421	6184507	6224656	0.74	cps
Scandium	45-1	6613123	6456138	6330222	6466494	2.19	cps
Scandium	45-2	562669	569743	563278	565230	0.69	cps
Selenium	82-1	86827	86907	85555	86429	0.88	cps
Selenium	77-2	9070	9403	8973	9148	2.47	cps
Selenium	78-2	31560	30989	31190	31246	0.93	cps
Silicon	28-1	7771276	7641262	7629437	7680658	1.02	cps
Silver	107-1	7212577	7272108	7141604	7208763	0.91	cps
Silver	109-1	6972596	6892208	6988083	6950962	0.74	cps
Sodium	23-2	168418927	170778121	169410214	169535754	0.70	cps
Strontium	86-1	1886600	1913633	1896561	1898931	0.72	cps
Strontium	88-1	16591548	16411788	16364448	16455928	0.73	cps
Sulfur	34-1	558202	543266	543427	548298	1.56	cps
Terbium	159-1	15905752	15610916	15915592	15810753	1.10	cps
Terbium	159-2	11006870	10987024	10798521	10930805	1.05	cps
Thallium	203-1	5863528	5935242	5924456	5907742	0.65	cps
Thallium	205-1	13786274	13945909	14081319	13937834	1.06	cps
Tin	118-1	4998200	4920778	4960731	4959903	0.78	cps
Titanium	47-1	7133871	7043012	7053383	7076755	0.70	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:23:02	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18545533	18707538	18597589	18616887	0.44	cps
Vanadium	51-2	2029155	2047632	2064525	2047104	0.86	cps
Yttrium	89-1	18694530	18235433	18134866	18354943	1.63	cps
Yttrium	89-2	5115568	5070737	5034286	5073530	0.80	cps
Zinc	66-2	4196073	4214137	4232287	4214166	0.43	cps
Zirconium	90-1	10258955	10035247	10041418	10111873	1.26	cps
Zirconium	91-1	2276184	2235396	2258200	2256593	0.91	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:25:49	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	323	944	553	61.39	cps
Antimony	121-1	3390	2994	2384	2923	17.35	cps
Arsenic	75-2	23	20	10	18	39.03	cps
Barium	135-1	1317	793	417	842	53.67	cps
Barium	137-1	2324	1347	840	1503	50.16	cps
Beryllium	9-1	330	237	233	267	20.58	cps
Bismuth	209-1	10083976	9891194	10007887	9994352	0.97	cps
Bismuth	209-2	8253498	8352105	8429401	8345001	1.06	cps
Bromine	81-1	13346	13696	13716	13586	1.53	cps
Bromine	81-2	187	153	147	162	13.21	cps
Cadmium	108-1	23	10	17	17	39.99	cps
Cadmium	106-1	4617	4337	4431	4462	3.20	cps
Cadmium	111-1	1219	1080	1013	1104	9.52	cps
Calcium	43-1	1537	1067	723	1109	36.82	cps
Calcium	44-1	27983	19923	13530	20479	35.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1983	2077	1990	2017	2.58	cps
Cobalt	59-2	210	187	217	204	7.70	cps
Copper	63-2	1843	1787	1630	1753	6.30	cps
Dysprosium	156-1	17	17	10	14	26.66	cps
Dysprosium	156-2	10	13	40	21	77.90	cps
Erbium	164-1	87	83	70	80	11.02	cps
Erbium	164-2	30	43	90	54	57.87	cps
Gadolinium	160-1	60	40	50	50	20.00	cps
Gadolinium	160-2	627	647	740	671	9.01	cps
Holmium	165-1	16232926	15876771	15920807	16010168	1.21	cps
Holmium	165-2	11606069	11492606	11607174	11568616	0.57	cps
Indium	115-1	13047142	12805113	12945386	12932547	0.94	cps
Indium	115-2	4875734	4881354	4869099	4875395	0.13	cps
Iron	56-2	41223	37564	55942	44910	21.66	cps
Iron	57-2	1507	1363	1967	1612	19.56	cps
Iron	54-2	3670	3424	4178	3757	10.24	cps
Krypton	83-1	227	227	233	229	1.68	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:25:49	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4561	3197	1953	3237	40.29	cps
Lead	207-1	3871	2857	1550	2759	42.16	cps
Lead	208-1	17661	12496	7451	12536	40.73	cps
Lithium	6-1	2042346	1992247	2052931	2029174	1.60	cps
Magnesium	24-2	3247	2957	8945	5050	66.87	cps
Manganese	55-2	950	930	1260	1047	17.68	cps
Molybdenum	94-1	4477	3180	1923	3194	39.98	cps
Molybdenum	95-1	6105	3807	2547	4153	43.44	cps
Molybdenum	96-1	6311	4134	2517	4321	44.07	cps
Molybdenum	97-1	3550	2457	1483	2497	41.42	cps
Molybdenum	98-1	9560	6375	3711	6548	44.72	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	660	657	573	630	7.79	cps
Phosphorus	31-2	143	127	160	143	11.63	cps
Potassium	39-2	57508	56655	57790	57318	1.03	cps
Rhodium	103-1	11752273	11629036	11670285	11683865	0.54	cps
Rhodium	103-2	7122358	7009526	7123831	7085238	0.93	cps
Scandium	45-1	6823753	6669445	6716672	6736623	1.17	cps
Scandium	45-2	595031	593234	596406	594890	0.27	cps
Selenium	82-1	150	60	72	94	52.22	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	353	380	387	373	4.73	cps
Silicon	28-1	568199	554290	553318	558602	1.49	cps
Silver	107-1	1760	1277	1007	1348	28.32	cps
Silver	109-1	1827	1167	900	1298	36.76	cps
Sodium	23-2	43628	41870	47878	44459	6.95	cps
Strontium	86-1	683	660	443	596	22.22	cps
Strontium	88-1	3027	1747	1067	1947	51.13	cps
Sulfur	34-1	161510	163982	166537	164010	1.53	cps
Terbium	159-1	16420355	16507480	16370446	16432760	0.42	cps
Terbium	159-2	11329216	11292844	11424452	11348837	0.60	cps
Thallium	203-1	1543	1307	1050	1300	18.98	cps
Thallium	205-1	3624	2824	2444	2964	20.33	cps
Tin	118-1	2417	1990	1737	2048	16.78	cps
Titanium	47-1	1440	893	553	962	46.49	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:25:49	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3044	1954	1010	2002	50.82	cps
Vanadium	51-2	80	40	93	71	39.03	cps
Yttrium	89-1	19481428	18868130	19130674	19160077	1.61	cps
Yttrium	89-2	5292232	5272605	5384811	5316549	1.13	cps
Zinc	66-2	253	287	350	297	16.55	cps
Zirconium	90-1	3004	2510	1817	2444	24.40	cps
Zirconium	91-1	630	450	400	493	24.52	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:29:07	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	260	257	243	10.70	cps
Antimony	121-1	600	670	587	619	7.23	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	100	90	50	80	33.07	cps
Barium	137-1	143	157	137	146	7.00	cps
Beryllium	9-1	157	150	110	139	18.17	cps
Bismuth	209-1	9811235	9645155	9699578	9718656	0.87	cps
Bismuth	209-2	8348068	8222467	8291105	8287213	0.76	cps
Bromine	81-1	13766	13339	13289	13465	1.95	cps
Bromine	81-2	120	147	97	121	20.66	cps
Cadmium	108-1	7	20	13	13	49.99	cps
Cadmium	106-1	4531	4727	4624	4627	2.13	cps
Cadmium	111-1	945	975	959	960	1.56	cps
Calcium	43-1	253	330	297	293	13.11	cps
Calcium	44-1	7472	7375	7178	7342	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1423	1430	1337	1397	3.73	cps
Cobalt	59-2	147	117	137	133	11.46	cps
Copper	63-2	1307	1190	1230	1242	4.77	cps
Dysprosium	156-1	3	7	7	6	34.70	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	97	73	107	92	18.55	cps
Erbium	164-2	50	47	37	44	15.61	cps
Gadolinium	160-1	67	80	47	64	26.03	cps
Gadolinium	160-2	600	603	610	604	0.84	cps
Holmium	165-1	15778064	15719769	15481882	15659905	1.00	cps
Holmium	165-2	11444472	11392372	11282741	11373195	0.73	cps
Indium	115-1	13061998	12674472	12880438	12872303	1.51	cps
Indium	115-2	4836244	4819883	4829840	4828656	0.17	cps
Iron	56-2	22320	21936	21756	22004	1.31	cps
Iron	57-2	1050	1080	1070	1067	1.43	cps
Iron	54-2	2707	2650	2644	2667	1.31	cps
Krypton	83-1	183	217	270	223	19.57	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:29:07	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	690	680	720	697	2.99	cps
Lead	207-1	617	617	600	611	1.57	cps
Lead	208-1	2830	2737	2707	2758	2.33	cps
Lithium	6-1	2033796	2022150	2056188	2037378	0.85	cps
Magnesium	24-2	1300	1227	1133	1220	6.85	cps
Manganese	55-2	763	880	863	836	7.55	cps
Molybdenum	94-1	643	657	613	638	3.48	cps
Molybdenum	95-1	453	443	440	446	1.56	cps
Molybdenum	96-1	530	517	580	542	6.16	cps
Molybdenum	97-1	297	333	307	312	6.07	cps
Molybdenum	98-1	730	707	723	720	1.67	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	477	463	483	474	2.15	cps
Phosphorus	31-2	183	143	143	157	14.74	cps
Potassium	39-2	54377	52751	53467	53531	1.52	cps
Rhodium	103-1	11650950	11737079	11727569	11705199	0.40	cps
Rhodium	103-2	7033299	7076811	7071547	7060552	0.34	cps
Scandium	45-1	6811897	6754468	6735619	6767328	0.59	cps
Scandium	45-2	593774	595353	600063	596397	0.55	cps
Selenium	82-1	152	92	-16	76	111.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	423	393	440	419	5.65	cps
Silicon	28-1	564951	558046	564950	562649	0.71	cps
Silver	107-1	293	237	270	267	10.68	cps
Silver	109-1	293	233	237	254	13.25	cps
Sodium	23-2	26249	26326	25648	26074	1.42	cps
Strontium	86-1	340	373	360	358	4.69	cps
Strontium	88-1	440	320	400	387	15.80	cps
Sulfur	34-1	169205	171365	173155	171242	1.16	cps
Terbium	159-1	16416149	16020442	16124241	16186944	1.27	cps
Terbium	159-2	11227763	11201081	11364760	11264535	0.78	cps
Thallium	203-1	627	563	557	582	6.64	cps
Thallium	205-1	1320	1437	1370	1376	4.26	cps
Tin	118-1	1620	1657	1627	1635	1.19	cps
Titanium	47-1	113	160	97	123	26.62	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:29:07	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103	97	123	108	12.88	cps
Vanadium	51-2	30	37	57	41	33.76	cps
Yttrium	89-1	18982130	19100385	19173140	19085218	0.51	cps
Yttrium	89-2	5352859	5218123	5339769	5303584	1.40	cps
Zinc	66-2	330	343	377	350	6.87	cps
Zirconium	90-1	783	927	947	886	10.06	cps
Zirconium	91-1	190	193	157	180	11.26	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:32:28	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11298	11281	11444	11341	0.79	cps
Antimony	121-1	49297	49281	49471	49350	0.21	cps
Arsenic	75-2	1400	1353	1383	1379	1.72	cps
Barium	135-1	60859	60997	60688	60848	0.25	cps
Barium	137-1	105645	106877	106394	106305	0.58	cps
Beryllium	9-1	3297	3187	3370	3285	2.81	cps
Bismuth	209-1	9826198	9713814	9536308	9692107	1.51	cps
Bismuth	209-2	8196161	8213081	8252083	8220442	0.35	cps
Bromine	81-1	13366	13723	13036	13375	2.57	cps
Bromine	81-2	110	150	117	126	17.07	cps
Cadmium	108-1	380	450	497	442	13.28	cps
Cadmium	106-1	5498	5258	5228	5328	2.78	cps
Cadmium	111-1	7738	7560	7524	7607	1.51	cps
Calcium	43-1	32171	32231	33089	32497	1.58	cps
Calcium	44-1	531551	531855	528373	530593	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19516	20731	20207	20151	3.02	cps
Cobalt	59-2	15735	15622	15541	15633	0.62	cps
Copper	63-2	23251	23872	23245	23456	1.54	cps
Dysprosium	156-1	10	10	20	13	43.30	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	77	73	93	81	13.21	cps
Erbium	164-2	53	70	47	57	21.21	cps
Gadolinium	160-1	87	83	63	78	16.23	cps
Gadolinium	160-2	640	677	647	654	2.98	cps
Holmium	165-1	15855536	15851514	15477021	15728023	1.38	cps
Holmium	165-2	11380459	11328931	11431700	11380363	0.45	cps
Indium	115-1	12862259	12908273	12698577	12823036	0.86	cps
Indium	115-2	4846893	4933499	4864464	4881619	0.94	cps
Iron	56-2	1932069	1923631	1925536	1927079	0.23	cps
Iron	57-2	48327	48073	48882	48428	0.85	cps
Iron	54-2	107168	108131	107443	107581	0.46	cps
Krypton	83-1	207	163	153	174	16.25	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:32:28	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19387	19150	18740	19092	1.72	cps
Lead	207-1	16861	16964	17034	16953	0.52	cps
Lead	208-1	77353	77410	76752	77172	0.47	cps
Lithium	6-1	2028107	2045699	2011403	2028403	0.85	cps
Magnesium	24-2	426019	424433	425449	425300	0.19	cps
Manganese	55-2	8889	8916	9059	8955	1.02	cps
Molybdenum	94-1	48547	49222	48972	48914	0.70	cps
Molybdenum	95-1	59062	59417	58904	59128	0.44	cps
Molybdenum	96-1	66715	66179	65928	66274	0.61	cps
Molybdenum	97-1	37057	38039	37257	37451	1.39	cps
Molybdenum	98-1	96328	97124	95412	96288	0.89	cps
Neodymium	150-1	13	17	10	13	25.01	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	4627	4341	4381	4450	3.49	cps
Phosphorus	31-2	753	850	763	789	6.74	cps
Potassium	39-2	649548	645828	648464	647947	0.30	cps
Rhodium	103-1	11792749	11726674	11642072	11720498	0.64	cps
Rhodium	103-2	7130025	7164536	7032352	7108971	0.96	cps
Scandium	45-1	6973787	6880692	6820277	6891585	1.12	cps
Scandium	45-2	608020	608533	610212	608922	0.19	cps
Selenium	82-1	1948	2134	2122	2068	5.01	cps
Selenium	77-2	253	260	303	272	9.97	cps
Selenium	78-2	1203	1117	1177	1166	3.81	cps
Silicon	28-1	689703	690873	691133	690570	0.11	cps
Silver	107-1	30198	30940	31274	30804	1.79	cps
Silver	109-1	28685	29527	29463	29225	1.60	cps
Sodium	23-2	705305	696880	699605	700597	0.61	cps
Strontium	86-1	7889	7782	7659	7777	1.48	cps
Strontium	88-1	66021	67397	66945	66787	1.05	cps
Sulfur	34-1	177751	178337	177720	177936	0.20	cps
Terbium	159-1	16328704	16180441	16154848	16221331	0.58	cps
Terbium	159-2	11288282	11323507	11240569	11284120	0.37	cps
Thallium	203-1	23510	23734	23611	23618	0.47	cps
Thallium	205-1	56567	55897	56105	56190	0.61	cps
Tin	118-1	102313	104045	103297	103219	0.84	cps
Titanium	47-1	3640	3514	3627	3594	1.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:32:28	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67902	68981	67614	68166	1.06	cps
Vanadium	51-2	42857	43148	43486	43164	0.73	cps
Yttrium	89-1	19353066	19186280	18907369	19148905	1.18	cps
Yttrium	89-2	5351180	5454111	5332987	5379426	1.21	cps
Zinc	66-2	10120	10370	10510	10334	1.91	cps
Zirconium	90-1	40903	40840	41883	41209	1.42	cps
Zirconium	91-1	9220	9080	9190	9163	0.80	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:35:44	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1918177	1904450	1889211	1903946	0.76	cps
Antimony	121-1	52449	53586	53884	53306	1.42	cps
Arsenic	75-2	53258	54058	52646	53321	1.33	cps
Barium	135-1	73334	75552	74781	74556	1.51	cps
Barium	137-1	129931	130734	129973	130213	0.35	cps
Beryllium	9-1	350	373	337	353	5.25	cps
Bismuth	209-1	10242875	9900331	9863285	10002164	2.09	cps
Bismuth	209-2	8600538	8437892	8472836	8503755	1.01	cps
Bromine	81-1	34440	38213	38463	37039	6.09	cps
Bromine	81-2	5734	5471	5491	5566	2.64	cps
Cadmium	108-1	173	127	117	139	21.78	cps
Cadmium	106-1	5411	5068	4744	5074	6.57	cps
Cadmium	111-1	2946	2815	2873	2878	2.29	cps
Calcium	43-1	145497	148316	149491	147768	1.39	cps
Calcium	44-1	2288444	2337033	2386094	2337190	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120305	119391	120120	119939	0.40	cps
Cobalt	59-2	52107	52649	52026	52261	0.65	cps
Copper	63-2	2020841	1977708	2012541	2003696	1.14	cps
Dysprosium	156-1	23460	23680	23880	23673	0.89	cps
Dysprosium	156-2	20555	20155	20008	20239	1.40	cps
Erbium	164-1	21356	21907	21760	21675	1.32	cps
Erbium	164-2	15722	15852	15966	15847	0.77	cps
Gadolinium	160-1	23513	23977	24091	23860	1.28	cps
Gadolinium	160-2	18839	18576	19333	18916	2.03	cps
Holmium	165-1	16911378	16172629	16379464	16487824	2.31	cps
Holmium	165-2	12015352	11717187	11946915	11893151	1.31	cps
Indium	115-1	13659306	12957694	13195316	13270772	2.69	cps
Indium	115-2	5149178	5021435	4941551	5037388	2.08	cps
Iron	56-2	57067919	56761221	57541729	57123623	0.69	cps
Iron	57-2	1423281	1429515	1416870	1423222	0.44	cps
Iron	54-2	3104106	3120156	3111910	3112057	0.26	cps
Krypton	83-1	247	240	190	226	13.73	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:35:44	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	454161	457397	462568	458042	0.93	cps
Lead	207-1	395534	403281	406764	401860	1.43	cps
Lead	208-1	1799526	1836517	1841992	1826011	1.27	cps
Lithium	6-1	2181488	2070727	2048270	2100162	3.40	cps
Magnesium	24-2	2007711	2035116	2018277	2020368	0.68	cps
Manganese	55-2	492923	499272	496520	496238	0.64	cps
Molybdenum	94-1	30422	31978	31477	31292	2.54	cps
Molybdenum	95-1	16192	16556	16503	16417	1.20	cps
Molybdenum	96-1	22047	22217	23008	22424	2.29	cps
Molybdenum	97-1	10234	10517	10484	10412	1.49	cps
Molybdenum	98-1	26875	27165	26938	26993	0.57	cps
Neodymium	150-1	37440	38539	37770	37916	1.49	cps
Neodymium	150-2	23256	23970	23066	23431	2.04	cps
Nickel	60-2	37784	37911	38045	37913	0.34	cps
Phosphorus	31-2	11991	12302	12335	12209	1.55	cps
Potassium	39-2	793500	788441	796524	792822	0.52	cps
Rhodium	103-1	12625961	11890808	11998218	12171662	3.26	cps
Rhodium	103-2	7419938	7428395	7369479	7405937	0.43	cps
Scandium	45-1	7425290	6974025	7052574	7150629	3.37	cps
Scandium	45-2	646496	643983	641701	644060	0.37	cps
Selenium	82-1	202	233	258	231	12.04	cps
Selenium	77-2	70	77	60	69	12.18	cps
Selenium	78-2	513	533	500	516	3.25	cps
Silicon	28-1	14881338	15166416	15468693	15172149	1.94	cps
Silver	107-1	12559	11488	11555	11867	5.06	cps
Silver	109-1	11912	10998	10794	11234	5.30	cps
Sodium	23-2	5239580	5168664	5219506	5209250	0.70	cps
Strontium	86-1	132207	135301	138012	135174	2.15	cps
Strontium	88-1	1146629	1180019	1186065	1170905	1.81	cps
Sulfur	34-1	319061	316587	317904	317851	0.39	cps
Terbium	159-1	17271460	16501434	16510879	16761257	2.64	cps
Terbium	159-2	11676890	11583324	11587887	11616034	0.45	cps
Thallium	203-1	5411	5464	5291	5389	1.65	cps
Thallium	205-1	12392	12406	12109	12302	1.36	cps
Tin	118-1	31986	31899	32657	32180	1.29	cps
Titanium	47-1	667307	683736	686835	679293	1.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:35:44	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83068	84701	84396	84055	1.03	cps
Vanadium	51-2	110873	111263	111387	111174	0.24	cps
Yttrium	89-1	21160599	20058730	20119570	20446300	3.03	cps
Yttrium	89-2	5778505	5722735	5676324	5725855	0.89	cps
Zinc	66-2	121415	123724	123122	122754	0.98	cps
Zirconium	90-1	59393	59985	61585	60321	1.88	cps
Zirconium	91-1	12876	13641	13913	13477	3.99	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:41:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3093002	3081427	3076224	3083551	0.28	cps
Antimony	121-1	983300	995986	993767	991018	0.68	cps
Arsenic	75-2	282872	283395	282135	282801	0.22	cps
Barium	135-1	614838	623404	626956	621733	1.00	cps
Barium	137-1	1077323	1083853	1098539	1086572	1.00	cps
Beryllium	9-1	453	463	487	468	3.66	cps
Bismuth	209-1	10159919	10259712	10109658	10176430	0.75	cps
Bismuth	209-2	8703453	8596979	8596854	8632429	0.71	cps
Bromine	81-1	63285	67165	69020	66490	4.40	cps
Bromine	81-2	12058	11872	12342	12091	1.96	cps
Cadmium	108-1	723	760	690	724	4.83	cps
Cadmium	106-1	5441	5414	5621	5492	2.05	cps
Cadmium	111-1	9390	9297	8744	9144	3.82	cps
Calcium	43-1	231065	233148	233066	232426	0.51	cps
Calcium	44-1	3670502	3636813	3652901	3653405	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179487	178988	178694	179057	0.22	cps
Cobalt	59-2	293231	291716	291240	292062	0.36	cps
Copper	63-2	33623300	33547245	33330978	33500507	0.45	cps
Dysprosium	156-1	22678	23203	23143	23008	1.25	cps
Dysprosium	156-2	19911	19687	19777	19792	0.57	cps
Erbium	164-1	22091	21901	21767	21920	0.74	cps
Erbium	164-2	15812	15669	15375	15619	1.43	cps
Gadolinium	160-1	23373	23079	23159	23204	0.65	cps
Gadolinium	160-2	17892	18172	17912	17992	0.87	cps
Holmium	165-1	16356816	16484576	16633764	16491719	0.84	cps
Holmium	165-2	12109008	12231869	11931532	12090803	1.25	cps
Indium	115-1	13560643	13578952	13844170	13661255	1.16	cps
Indium	115-2	5292807	5205785	5233292	5243962	0.85	cps
Iron	56-2	186226304	187309704	186187151	186574386	0.34	cps
Iron	57-2	4627326	4565944	4570835	4588035	0.74	cps
Iron	54-2	10225616	10167152	10092410	10161726	0.66	cps
Krypton	83-1	267	190	220	226	17.13	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:41:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5489358	5511500	5452050	5484302	0.55	cps
Lead	207-1	4756573	4800060	4799767	4785467	0.52	cps
Lead	208-1	21726191	21996387	21759859	21827479	0.67	cps
Lithium	6-1	2052599	2104583	2100405	2085862	1.38	cps
Magnesium	24-2	2967432	2892543	2954406	2938127	1.36	cps
Manganese	55-2	1833870	1817615	1814888	1822125	0.56	cps
Molybdenum	94-1	77517	78274	78693	78162	0.76	cps
Molybdenum	95-1	68861	69685	69591	69379	0.65	cps
Molybdenum	96-1	81790	83660	83446	82966	1.23	cps
Molybdenum	97-1	43374	43983	43515	43624	0.73	cps
Molybdenum	98-1	110924	111290	111985	111399	0.48	cps
Neodymium	150-1	35655	35722	35508	35628	0.31	cps
Neodymium	150-2	22067	22425	22228	22240	0.80	cps
Nickel	60-2	61084	61392	61114	61196	0.28	cps
Phosphorus	31-2	11861	11358	12118	11779	3.28	cps
Potassium	39-2	1449640	1439544	1449745	1446310	0.41	cps
Rhodium	103-1	12385752	12356136	12466179	12402689	0.46	cps
Rhodium	103-2	7519804	7467047	7548754	7511868	0.55	cps
Scandium	45-1	7501190	7510831	7681368	7564463	1.34	cps
Scandium	45-2	677801	666992	667438	670744	0.91	cps
Selenium	82-1	655	681	661	665	2.05	cps
Selenium	77-2	100	167	133	133	25.00	cps
Selenium	78-2	613	643	703	653	7.01	cps
Silicon	28-1	35695203	36108789	36028064	35944019	0.61	cps
Silver	107-1	162431	164510	164514	163818	0.73	cps
Silver	109-1	152102	154240	156683	154342	1.49	cps
Sodium	23-2	11145239	11105789	11070233	11107087	0.34	cps
Strontium	86-1	288534	290083	289084	289233	0.27	cps
Strontium	88-1	2613746	2602977	2584608	2600444	0.57	cps
Sulfur	34-1	821635	816390	816670	818232	0.36	cps
Terbium	159-1	16846199	17066997	17097641	17003612	0.81	cps
Terbium	159-2	11983181	11915809	11744525	11881172	1.04	cps
Thallium	203-1	10164	10181	9997	10114	1.00	cps
Thallium	205-1	24395	24335	24813	24514	1.06	cps
Tin	118-1	510094	512344	513135	511857	0.31	cps
Titanium	47-1	740742	750976	748545	746754	0.72	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:41:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51730	52108	52105	51981	0.42	cps
Vanadium	51-2	174094	174239	174843	174392	0.23	cps
Yttrium	89-1	21346882	21206521	21265470	21272958	0.33	cps
Yttrium	89-2	5931613	5790144	5827965	5849907	1.25	cps
Zinc	66-2	1783741	1777758	1768741	1776747	0.42	cps
Zirconium	90-1	101635	102985	102226	102282	0.66	cps
Zirconium	91-1	22160	23713	22668	22847	3.46	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:44:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4740344	4724969	4692599	4719304	0.52	cps
Antimony	121-1	53984	54125	54185	54098	0.19	cps
Arsenic	75-2	36912	36488	36488	36630	0.67	cps
Barium	135-1	552603	555803	556447	554951	0.37	cps
Barium	137-1	959397	975363	967750	967504	0.83	cps
Beryllium	9-1	1690	1880	1700	1757	6.09	cps
Bismuth	209-1	10052466	10077254	9855169	9994963	1.22	cps
Bismuth	209-2	8399141	8377080	8336205	8370808	0.38	cps
Bromine	81-1	19032	18021	18231	18428	2.90	cps
Bromine	81-2	910	867	827	868	4.80	cps
Cadmium	108-1	663	750	763	726	7.48	cps
Cadmium	106-1	6298	6088	5731	6039	4.75	cps
Cadmium	111-1	10669	10512	10688	10623	0.91	cps
Calcium	43-1	2439153	2427293	2350959	2405802	1.99	cps
Calcium	44-1	38639811	38640216	38307174	38529067	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188887	190152	187962	189000	0.58	cps
Cobalt	59-2	166843	165352	165198	165798	0.55	cps
Copper	63-2	277165	273639	274369	275058	0.68	cps
Dysprosium	156-1	68972	70841	70505	70106	1.42	cps
Dysprosium	156-2	60265	59425	59395	59695	0.83	cps
Erbium	164-1	59563	60567	60182	60104	0.84	cps
Erbium	164-2	43390	43173	42809	43124	0.68	cps
Gadolinium	160-1	69729	70221	69036	69662	0.86	cps
Gadolinium	160-2	52873	51896	52792	52520	1.03	cps
Holmium	165-1	16945177	16735922	16860937	16847345	0.62	cps
Holmium	165-2	11823177	11914241	11888068	11875162	0.39	cps
Indium	115-1	13801008	13319425	13110617	13410350	2.64	cps
Indium	115-2	5002658	4939772	4983725	4975385	0.65	cps
Iron	56-2	203448317	203422470	202177710	203016166	0.36	cps
Iron	57-2	5063731	5085736	5017131	5055533	0.69	cps
Iron	54-2	11137407	10953405	11062407	11051073	0.84	cps
Krypton	83-1	303	267	320	297	9.20	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:44:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	520336	530737	527472	526181	1.01	cps
Lead	207-1	424595	433650	431168	429804	1.09	cps
Lead	208-1	1994153	2031745	2016496	2014131	0.94	cps
Lithium	6-1	2154103	2085437	2082716	2107419	1.92	cps
Magnesium	24-2	15841232	15873895	15690411	15801846	0.62	cps
Manganese	55-2	4314399	4265198	4291818	4290472	0.57	cps
Molybdenum	94-1	31577	32008	32496	32027	1.43	cps
Molybdenum	95-1	18145	18602	18218	18322	1.34	cps
Molybdenum	96-1	25319	26017	25255	25530	1.65	cps
Molybdenum	97-1	11314	11728	11268	11437	2.22	cps
Molybdenum	98-1	29323	30014	29453	29597	1.24	cps
Neodymium	150-1	108490	110549	110143	109727	0.99	cps
Neodymium	150-2	67346	66757	65993	66699	1.02	cps
Nickel	60-2	110319	110624	108959	109967	0.81	cps
Phosphorus	31-2	14033	14093	13616	13914	1.87	cps
Potassium	39-2	1549020	1566811	1543566	1553132	0.78	cps
Rhodium	103-1	12439774	12103839	12112226	12218613	1.57	cps
Rhodium	103-2	7352583	7303036	7270771	7308797	0.56	cps
Scandium	45-1	7509444	7271878	7198683	7326669	2.22	cps
Scandium	45-2	632690	638280	632928	634633	0.50	cps
Selenium	82-1	2687	2724	2503	2638	4.50	cps
Selenium	77-2	383	507	430	440	14.15	cps
Selenium	78-2	1530	1447	1340	1439	6.62	cps
Silicon	28-1	30238123	30495895	30160165	30298061	0.58	cps
Silver	107-1	4624	4251	4127	4334	5.97	cps
Silver	109-1	4304	3704	3784	3931	8.29	cps
Sodium	23-2	203756	205033	204709	204499	0.32	cps
Strontium	86-1	324052	327203	327277	326177	0.56	cps
Strontium	88-1	2896740	2941329	2920846	2919638	0.76	cps
Sulfur	34-1	229252	233531	231616	231466	0.93	cps
Terbium	159-1	17414409	17110147	17044108	17189555	1.15	cps
Terbium	159-2	11808573	11721411	11702051	11744012	0.48	cps
Thallium	203-1	31496	31593	31443	31511	0.24	cps
Thallium	205-1	73634	74610	74847	74364	0.86	cps
Tin	118-1	19760	19644	20121	19842	1.25	cps
Titanium	47-1	373505	376055	373111	374224	0.43	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:44:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52720	53996	53189	53302	1.21	cps
Vanadium	51-2	203009	202796	202148	202651	0.22	cps
Yttrium	89-1	21542457	21146351	20771992	21153600	1.82	cps
Yttrium	89-2	5808696	5801605	5723420	5777907	0.82	cps
Zinc	66-2	164468	163248	163928	163881	0.37	cps
Zirconium	90-1	58800	60326	59319	59482	1.30	cps
Zirconium	91-1	13400	13420	13069	13296	1.48	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:47:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4709731	4697052	4599684	4668822	1.29	cps
Antimony	121-1	5419442	5517900	5505476	5480939	0.98	cps
Arsenic	75-2	1018270	1006491	1012867	1012543	0.58	cps
Barium	135-1	627503	633710	638747	633320	0.89	cps
Barium	137-1	1098691	1117702	1113716	1110037	0.90	cps
Beryllium	9-1	867	1017	877	920	9.12	cps
Bismuth	209-1	10217797	10298027	10183145	10232990	0.58	cps
Bismuth	209-2	8530693	8573628	8664785	8589702	0.80	cps
Bromine	81-1	52329	57699	59372	56467	6.52	cps
Bromine	81-2	9220	9627	9186	9344	2.62	cps
Cadmium	108-1	1827	1923	1827	1859	3.00	cps
Cadmium	106-1	7669	7645	7542	7619	0.89	cps
Cadmium	111-1	21254	19907	19769	20310	4.04	cps
Calcium	43-1	666818	672672	679044	672845	0.91	cps
Calcium	44-1	10372199	10517585	10615761	10501848	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223298	223373	221522	222731	0.47	cps
Cobalt	59-2	2978454	2947878	2869383	2931905	1.92	cps
Copper	63-2	3658639	3630830	3608510	3632660	0.69	cps
Dysprosium	156-1	30470	30263	30530	30421	0.46	cps
Dysprosium	156-2	26195	26659	26221	26358	0.99	cps
Erbium	164-1	29849	29588	29595	29677	0.50	cps
Erbium	164-2	22141	21810	21266	21739	2.03	cps
Gadolinium	160-1	31021	30847	30750	30873	0.44	cps
Gadolinium	160-2	24004	24027	23229	23754	1.91	cps
Holmium	165-1	16889399	16702219	16806303	16799307	0.56	cps
Holmium	165-2	12066746	12190292	12121170	12126069	0.51	cps
Indium	115-1	14411360	14663609	14575063	14550011	0.88	cps
Indium	115-2	5538364	5518819	5523708	5526964	0.18	cps
Iron	56-2	407049634	404563127	399682354	403765038	0.93	cps
Iron	57-2	10175075	10043218	9989779	10069357	0.95	cps
Iron	54-2	22158450	21939032	21805507	21967663	0.81	cps
Krypton	83-1	243	277	250	257	6.87	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:47:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11888160	11744150	11730176	11787495	0.74	cps
Lead	207-1	10387612	10192087	10268673	10282791	0.96	cps
Lead	208-1	47262650	46737684	46894944	46965093	0.57	cps
Lithium	6-1	2066120	2097812	2098980	2087637	0.89	cps
Magnesium	24-2	4729028	4625575	4683821	4679475	1.11	cps
Manganese	55-2	2968566	2935894	2940522	2948327	0.60	cps
Molybdenum	94-1	128141	129109	129234	128828	0.46	cps
Molybdenum	95-1	128286	131736	132705	130909	1.77	cps
Molybdenum	96-1	154075	155024	154617	154572	0.31	cps
Molybdenum	97-1	80956	82504	82256	81905	1.02	cps
Molybdenum	98-1	208937	212510	210413	210620	0.85	cps
Neodymium	150-1	46667	46680	45904	46417	0.96	cps
Neodymium	150-2	29601	28723	29444	29256	1.60	cps
Nickel	60-2	100856	99863	99226	99981	0.82	cps
Phosphorus	31-2	21745	22323	21342	21803	2.26	cps
Potassium	39-2	2601655	2646640	2584325	2610873	1.23	cps
Rhodium	103-1	12509831	12678157	12716809	12634932	0.87	cps
Rhodium	103-2	7597774	7712326	7722379	7677493	0.90	cps
Scandium	45-1	7464291	7616258	7493272	7524607	1.07	cps
Scandium	45-2	681836	684572	677583	681330	0.52	cps
Selenium	82-1	2883	2531	2591	2669	7.05	cps
Selenium	77-2	400	363	277	347	18.27	cps
Selenium	78-2	1300	1383	1247	1310	5.26	cps
Silicon	28-1	40992350	41520729	42488908	41667329	1.82	cps
Silver	107-1	27790	27987	28154	27977	0.65	cps
Silver	109-1	25713	27039	27179	26643	3.04	cps
Sodium	23-2	10070527	9977157	9813421	9953702	1.31	cps
Strontium	86-1	623924	634460	632579	630321	0.89	cps
Strontium	88-1	5618484	5660942	5749849	5676425	1.18	cps
Sulfur	34-1	274531	274073	271906	273504	0.51	cps
Terbium	159-1	17443645	17244515	17320111	17336090	0.58	cps
Terbium	159-2	12050215	11997658	12133960	12060611	0.57	cps
Thallium	203-1	31202	30157	29943	30434	2.21	cps
Thallium	205-1	74006	71567	70763	72112	2.34	cps
Tin	118-1	1587075	1591600	1563977	1580884	0.94	cps
Titanium	47-1	899753	913919	930350	914674	1.67	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:47:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	64254	64348	64707	64436	0.37	cps
Vanadium	51-2	250529	249380	247869	249259	0.54	cps
Yttrium	89-1	21218081	21685475	21345480	21416345	1.13	cps
Yttrium	89-2	6033256	6006423	5947279	5995653	0.73	cps
Zinc	66-2	5321214	5275606	5315107	5303976	0.47	cps
Zirconium	90-1	146182	150279	150745	149069	1.68	cps
Zirconium	91-1	33575	35292	35389	34752	2.94	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:50:47	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3591039	3528505	3456262	3525269	1.91	cps
Antimony	121-1	11365	11792	11695	11617	1.93	cps
Arsenic	75-2	9967	9597	9823	9796	1.91	cps
Barium	135-1	594077	595752	593653	594494	0.19	cps
Barium	137-1	1036698	1040111	1041906	1039571	0.25	cps
Beryllium	9-1	1490	1473	1500	1488	0.91	cps
Bismuth	209-1	10312346	10036649	9792774	10047257	2.59	cps
Bismuth	209-2	8361159	8328026	8314415	8334533	0.29	cps
Bromine	81-1	19583	19633	18745	19321	2.58	cps
Bromine	81-2	1117	1143	1073	1111	3.18	cps
Cadmium	108-1	390	400	320	370	11.78	cps
Cadmium	106-1	5691	5411	5578	5560	2.53	cps
Cadmium	111-1	4939	5189	5194	5107	2.86	cps
Calcium	43-1	2448406	2458915	2444205	2450509	0.31	cps
Calcium	44-1	39190819	39387359	38914484	39164220	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227946	228773	226671	227797	0.46	cps
Cobalt	59-2	147836	148826	144864	147175	1.40	cps
Copper	63-2	247186	249855	247056	248032	0.64	cps
Dysprosium	156-1	56721	57256	57621	57199	0.79	cps
Dysprosium	156-2	47389	48520	48433	48114	1.31	cps
Erbium	164-1	49109	48962	49062	49045	0.15	cps
Erbium	164-2	35121	35461	35622	35401	0.72	cps
Gadolinium	160-1	55851	56316	56610	56259	0.68	cps
Gadolinium	160-2	42932	43056	41826	42605	1.59	cps
Holmium	165-1	17239491	16812727	16219581	16757266	3.06	cps
Holmium	165-2	11997261	11874591	11789131	11886994	0.88	cps
Indium	115-1	13980349	13377274	13024579	13460734	3.59	cps
Indium	115-2	4872213	5072301	4969454	4971323	2.01	cps
Iron	56-2	203928790	203624297	200840824	202797970	0.84	cps
Iron	57-2	5105563	5086012	4956225	5049266	1.61	cps
Iron	54-2	11043299	11050190	10915982	11003157	0.69	cps
Krypton	83-1	253	257	297	269	8.97	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:50:47	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	824401	829085	835222	829569	0.65	cps
Lead	207-1	678826	687491	683609	683309	0.64	cps
Lead	208-1	3158325	3202776	3192824	3184642	0.73	cps
Lithium	6-1	2171771	2129407	2059017	2120065	2.69	cps
Magnesium	24-2	15758743	15663357	15432559	15618220	1.07	cps
Manganese	55-2	6792329	6828189	6670324	6763614	1.22	cps
Molybdenum	94-1	42207	43103	42214	42508	1.21	cps
Molybdenum	95-1	23953	23793	23970	23905	0.41	cps
Molybdenum	96-1	32232	32914	32039	32395	1.42	cps
Molybdenum	97-1	14300	14544	14974	14606	2.34	cps
Molybdenum	98-1	38210	37856	38073	38046	0.47	cps
Neodymium	150-1	87848	88831	88901	88527	0.66	cps
Neodymium	150-2	54890	54184	54257	54443	0.71	cps
Nickel	60-2	111625	110107	109083	110272	1.16	cps
Phosphorus	31-2	13469	13152	13009	13210	1.78	cps
Potassium	39-2	1276304	1268186	1267116	1270535	0.40	cps
Rhodium	103-1	12807183	12200249	12055520	12354317	3.23	cps
Rhodium	103-2	7290298	7303931	7277876	7290702	0.18	cps
Scandium	45-1	7683456	7324109	7105770	7371112	3.96	cps
Scandium	45-2	636499	629251	627661	631137	0.75	cps
Selenium	82-1	378	369	245	331	22.50	cps
Selenium	77-2	157	207	120	161	27.00	cps
Selenium	78-2	527	543	497	522	4.53	cps
Silicon	28-1	29448520	29594825	29415951	29486432	0.32	cps
Silver	107-1	5378	5301	5228	5302	1.42	cps
Silver	109-1	4871	4954	5091	4972	2.23	cps
Sodium	23-2	181890	179691	178852	180144	0.87	cps
Strontium	86-1	309252	315548	312391	312397	1.01	cps
Strontium	88-1	2806675	2859097	2776883	2814219	1.48	cps
Sulfur	34-1	238740	238069	239258	238689	0.25	cps
Terbium	159-1	17681512	17206848	16612387	17166916	3.12	cps
Terbium	159-2	11787600	11694710	11776352	11752887	0.43	cps
Thallium	203-1	5928	5595	6041	5855	3.97	cps
Thallium	205-1	13483	13894	14067	13815	2.17	cps
Tin	118-1	27102	19346	19590	22013	20.03	cps
Titanium	47-1	333980	333684	336365	334676	0.44	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:50:47	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43267	44474	45100	44280	2.10	cps
Vanadium	51-2	174432	173960	172165	173519	0.69	cps
Yttrium	89-1	22039928	21224715	20389302	21217982	3.89	cps
Yttrium	89-2	5752747	5724301	5699798	5725615	0.46	cps
Zinc	66-2	208856	208943	204838	207546	1.13	cps
Zirconium	90-1	78653	79976	79434	79354	0.84	cps
Zirconium	91-1	17574	17260	17717	17517	1.33	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:53:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3424083	3409947	3419057	3417696	0.21	cps
Antimony	121-1	10274	10521	10761	10518	2.32	cps
Arsenic	75-2	9750	9780	9850	9793	0.52	cps
Barium	135-1	579553	581412	580893	580619	0.17	cps
Barium	137-1	1014055	1016674	1013740	1014823	0.16	cps
Beryllium	9-1	1563	1503	1493	1520	2.49	cps
Bismuth	209-1	10068554	9986409	9947491	10000818	0.62	cps
Bismuth	209-2	8410462	8307609	8379993	8366021	0.63	cps
Bromine	81-1	17794	18041	18525	18120	2.05	cps
Bromine	81-2	937	907	913	919	1.71	cps
Cadmium	108-1	413	413	383	403	4.29	cps
Cadmium	106-1	5755	5424	5451	5543	3.31	cps
Cadmium	111-1	5031	4622	4870	4841	4.26	cps
Calcium	43-1	2372126	2382379	2391645	2382050	0.41	cps
Calcium	44-1	37770258	38145581	37777808	37897882	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	224005	220156	222087	222083	0.87	cps
Cobalt	59-2	144911	142357	142256	143175	1.05	cps
Copper	63-2	241803	239361	238043	239736	0.80	cps
Dysprosium	156-1	55780	57209	56259	56416	1.29	cps
Dysprosium	156-2	47119	47343	45885	46782	1.68	cps
Erbium	164-1	47915	48370	48019	48101	0.50	cps
Erbium	164-2	34549	34526	34442	34506	0.16	cps
Gadolinium	160-1	54870	56664	55292	55609	1.69	cps
Gadolinium	160-2	41725	41391	41050	41389	0.82	cps
Holmium	165-1	16727458	16423022	16631133	16593871	0.94	cps
Holmium	165-2	11928386	11793821	11939843	11887350	0.68	cps
Indium	115-1	13387007	13304110	13264033	13318383	0.47	cps
Indium	115-2	4995291	4920031	4960784	4958702	0.76	cps
Iron	56-2	198811784	196246570	196056270	197038208	0.78	cps
Iron	57-2	4889598	4915881	4836144	4880541	0.83	cps
Iron	54-2	10851448	10592979	10656889	10700438	1.26	cps
Krypton	83-1	237	270	277	261	8.21	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:53:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	812087	822741	821934	818921	0.72	cps
Lead	207-1	666309	676941	665536	669595	0.95	cps
Lead	208-1	3111499	3144346	3134822	3130222	0.54	cps
Lithium	6-1	2108697	2145693	2095873	2116754	1.22	cps
Magnesium	24-2	15322339	15102185	15108418	15177647	0.83	cps
Manganese	55-2	6608292	6509254	6562898	6560148	0.76	cps
Molybdenum	94-1	41004	41719	41866	41530	1.11	cps
Molybdenum	95-1	22624	22935	22921	22827	0.77	cps
Molybdenum	96-1	30826	31768	34399	32331	5.73	cps
Molybdenum	97-1	13837	14631	14084	14184	2.87	cps
Molybdenum	98-1	37318	37161	36773	37084	0.76	cps
Neodymium	150-1	87211	87855	87573	87546	0.37	cps
Neodymium	150-2	53772	52762	52387	52974	1.35	cps
Nickel	60-2	107337	106404	107337	107026	0.50	cps
Phosphorus	31-2	13386	13252	13396	13345	0.60	cps
Potassium	39-2	1250839	1250560	1262276	1254558	0.53	cps
Rhodium	103-1	12314046	12125490	12114805	12184780	0.92	cps
Rhodium	103-2	7397411	7338319	7216820	7317516	1.26	cps
Scandium	45-1	7186575	7152493	7110998	7150022	0.53	cps
Scandium	45-2	627708	619923	623612	623748	0.62	cps
Selenium	82-1	403	323	320	349	13.52	cps
Selenium	77-2	167	163	150	160	5.51	cps
Selenium	78-2	583	530	627	580	8.35	cps
Silicon	28-1	28705183	28883829	28941959	28843657	0.43	cps
Silver	107-1	4684	4818	5154	4885	4.96	cps
Silver	109-1	4491	4521	4768	4593	3.31	cps
Sodium	23-2	172857	172022	173094	172658	0.33	cps
Strontium	86-1	301718	308163	304640	304840	1.06	cps
Strontium	88-1	2726273	2781362	2718473	2742036	1.25	cps
Sulfur	34-1	238019	240270	238936	239075	0.47	cps
Terbium	159-1	17041967	17150818	17018008	17070264	0.41	cps
Terbium	159-2	11726555	11727494	11632934	11695661	0.46	cps
Thallium	203-1	5324	5474	5451	5417	1.49	cps
Thallium	205-1	12896	13133	13293	13108	1.52	cps
Tin	118-1	18459	18368	18495	18441	0.35	cps
Titanium	47-1	324770	328344	323738	325617	0.74	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 16:53:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43003	43802	43608	43471	0.96	cps
Vanadium	51-2	168589	167417	168930	168312	0.47	cps
Yttrium	89-1	21280859	20758689	20765063	20934871	1.43	cps
Yttrium	89-2	5751346	5615045	5670846	5679079	1.21	cps
Zinc	66-2	203602	198179	201341	201041	1.35	cps
Zirconium	90-1	76478	78063	77737	77426	1.08	cps
Zirconium	91-1	16997	17167	16910	17024	0.77	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 16:57:12	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	711209	709375	704409	708331	0.50	cps
Antimony	121-1	2327	2140	2187	2218	4.38	cps
Arsenic	75-2	2147	2270	2060	2159	4.89	cps
Barium	135-1	120267	120467	120716	120483	0.19	cps
Barium	137-1	210332	211431	211527	211097	0.31	cps
Beryllium	9-1	323	347	450	373	18.06	cps
Bismuth	209-1	10004620	9749839	9924597	9893019	1.32	cps
Bismuth	209-2	8413667	8247151	8338827	8333215	1.00	cps
Bromine	81-1	15869	15498	15875	15747	1.37	cps
Bromine	81-2	327	323	280	310	8.40	cps
Cadmium	108-1	80	87	67	78	13.09	cps
Cadmium	106-1	5001	4754	5078	4944	3.42	cps
Cadmium	111-1	1909	1818	1834	1854	2.62	cps
Calcium	43-1	510401	507873	508135	508803	0.27	cps
Calcium	44-1	7980378	7978865	7939462	7966235	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48962	48531	48668	48721	0.45	cps
Cobalt	59-2	31035	31730	30421	31062	2.11	cps
Copper	63-2	53957	53820	52937	53571	1.03	cps
Dysprosium	156-1	11745	12092	11528	11788	2.41	cps
Dysprosium	156-2	9954	10027	9947	9976	0.45	cps
Erbium	164-1	9890	9984	10167	10014	1.41	cps
Erbium	164-2	7529	7169	7109	7269	3.13	cps
Gadolinium	160-1	11385	11451	11421	11419	0.29	cps
Gadolinium	160-2	9313	9000	9270	9194	1.85	cps
Holmium	165-1	16133226	16264952	16212757	16203645	0.41	cps
Holmium	165-2	11789245	11599912	11808499	11732552	0.98	cps
Indium	115-1	13342651	13353550	13347391	13347864	0.04	cps
Indium	115-2	5046640	4976166	4977754	5000187	0.80	cps
Iron	56-2	42758688	42383251	42028927	42390289	0.86	cps
Iron	57-2	1066950	1061296	1063149	1063798	0.27	cps
Iron	54-2	2318172	2321063	2303081	2314105	0.42	cps
Krypton	83-1	293	240	250	261	10.86	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 16:57:12	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	168531	169088	169719	169112	0.35	cps
Lead	207-1	139249	138972	137444	138555	0.70	cps
Lead	208-1	648685	647247	646473	647468	0.17	cps
Lithium	6-1	1983826	2044210	2025450	2017828	1.53	cps
Magnesium	24-2	3230165	3274396	3262984	3255848	0.71	cps
Manganese	55-2	1424027	1431802	1398431	1418087	1.23	cps
Molybdenum	94-1	8906	8396	8566	8623	3.01	cps
Molybdenum	95-1	4744	5151	5034	4976	4.21	cps
Molybdenum	96-1	6965	6722	6838	6842	1.78	cps
Molybdenum	97-1	3167	3090	3220	3159	2.07	cps
Molybdenum	98-1	7942	7719	7892	7851	1.49	cps
Neodymium	150-1	18112	18005	18138	18085	0.39	cps
Neodymium	150-2	11008	11441	11158	11202	1.97	cps
Nickel	60-2	23732	23382	23081	23398	1.39	cps
Phosphorus	31-2	2854	2940	3037	2944	3.12	cps
Potassium	39-2	321376	321802	319177	320785	0.44	cps
Rhodium	103-1	12348908	12280359	12209407	12279558	0.57	cps
Rhodium	103-2	7481627	7351548	7453905	7429027	0.92	cps
Scandium	45-1	7130786	7182876	7095597	7136419	0.62	cps
Scandium	45-2	637798	634093	638731	636874	0.39	cps
Selenium	82-1	151	172	150	157	7.99	cps
Selenium	77-2	27	43	23	31	34.44	cps
Selenium	78-2	397	470	427	431	8.55	cps
Silicon	28-1	6645642	6666546	6767843	6693344	0.98	cps
Silver	107-1	1163	1240	1257	1220	4.08	cps
Silver	109-1	1067	1073	1017	1052	2.94	cps
Sodium	23-2	66395	64973	65890	65753	1.10	cps
Strontium	86-1	63456	64413	63071	63647	1.09	cps
Strontium	88-1	553428	558517	556253	556066	0.46	cps
Sulfur	34-1	205715	204918	204844	205159	0.24	cps
Terbium	159-1	16754567	16616481	16842199	16737749	0.68	cps
Terbium	159-2	11668403	11596600	11513212	11592738	0.67	cps
Thallium	203-1	1597	1493	1500	1530	3.78	cps
Thallium	205-1	3704	3654	3591	3649	1.56	cps
Tin	118-1	4958	5214	5014	5062	2.66	cps
Titanium	47-1	68497	68303	69341	68714	0.80	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 16:57:12	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8993	8906	9117	9005	1.17	cps
Vanadium	51-2	36193	35622	36070	35962	0.84	cps
Yttrium	89-1	20400257	20334463	20378348	20371022	0.16	cps
Yttrium	89-2	5729175	5610871	5544750	5628265	1.66	cps
Zinc	66-2	44265	43420	43921	43869	0.97	cps
Zirconium	90-1	15952	16005	15742	15900	0.88	cps
Zirconium	91-1	3590	3630	3550	3590	1.11	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:00:25	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3604004	3577244	3537725	3572991	0.93	cps
Antimony	121-1	9907	10137	10100	10048	1.23	cps
Arsenic	75-2	152733	152858	152447	152679	0.14	cps
Barium	135-1	1995232	2006840	1986223	1996099	0.52	cps
Barium	137-1	3420804	3393645	3382056	3398835	0.59	cps
Beryllium	9-1	17263	17433	17437	17378	0.57	cps
Bismuth	209-1	10065994	10095526	9950113	10037211	0.77	cps
Bismuth	209-2	8320929	8214247	8438538	8324571	1.35	cps
Bromine	81-1	17687	17761	18428	17959	2.27	cps
Bromine	81-2	957	940	973	957	1.74	cps
Cadmium	108-1	22327	22898	23349	22858	2.24	cps
Cadmium	106-1	36790	36589	36790	36723	0.32	cps
Cadmium	111-1	328459	334494	334810	332588	1.08	cps
Calcium	43-1	2394225	2402006	2390295	2395509	0.25	cps
Calcium	44-1	38263974	38533828	37562670	38120157	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	430959	431654	428113	430242	0.44	cps
Cobalt	59-2	952129	948152	956913	952398	0.46	cps
Copper	63-2	515873	520288	519505	518555	0.45	cps
Dysprosium	156-1	56045	56165	55864	56024	0.27	cps
Dysprosium	156-2	47604	47028	47279	47304	0.61	cps
Erbium	164-1	48320	48427	48233	48327	0.20	cps
Erbium	164-2	34486	34279	34158	34308	0.48	cps
Gadolinium	160-1	55242	55359	54773	55125	0.56	cps
Gadolinium	160-2	42083	42173	41321	41859	1.12	cps
Holmium	165-1	16694460	16640531	16456154	16597048	0.75	cps
Holmium	165-2	11898571	11815056	11892243	11868624	0.39	cps
Indium	115-1	13446039	13398860	13322102	13389000	0.47	cps
Indium	115-2	4938490	4951790	4934129	4941470	0.19	cps
Iron	56-2	200205964	198744657	198384257	199111626	0.48	cps
Iron	57-2	4944801	5012316	4940431	4965849	0.81	cps
Iron	54-2	10973000	10813020	10743101	10843040	1.09	cps
Krypton	83-1	257	320	270	282	11.83	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:00:25	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2589884	2681619	2643930	2638478	1.75	cps
Lead	207-1	2182006	2183407	2203009	2189474	0.54	cps
Lead	208-1	10145794	10261448	10210336	10205859	0.57	cps
Lithium	6-1	2104444	2123943	2109908	2112765	0.48	cps
Magnesium	24-2	15337720	15211676	15143462	15230953	0.65	cps
Manganese	55-2	7053673	7032981	7083714	7056790	0.36	cps
Molybdenum	94-1	48447	47677	49256	48460	1.63	cps
Molybdenum	95-1	36215	36556	36555	36442	0.54	cps
Molybdenum	96-1	46193	45764	45119	45692	1.18	cps
Molybdenum	97-1	22711	22805	22614	22710	0.42	cps
Molybdenum	98-1	58322	58369	57978	58223	0.37	cps
Neodymium	150-1	87147	88079	87308	87511	0.57	cps
Neodymium	150-2	53933	52203	52993	53043	1.63	cps
Nickel	60-2	313595	310231	308375	310734	0.85	cps
Phosphorus	31-2	12966	13266	12842	13025	1.67	cps
Potassium	39-2	1255125	1258189	1258157	1257157	0.14	cps
Rhodium	103-1	12206004	12100435	12032606	12113015	0.72	cps
Rhodium	103-2	7387445	7265490	7296878	7316604	0.87	cps
Scandium	45-1	7270561	7278115	7117921	7222199	1.25	cps
Scandium	45-2	632828	629453	628504	630261	0.36	cps
Selenium	82-1	46307	46588	46561	46485	0.33	cps
Selenium	77-2	5178	4928	5154	5086	2.72	cps
Selenium	78-2	17801	17177	17644	17540	1.85	cps
Silicon	28-1	29312519	28836475	28662945	28937313	1.16	cps
Silver	107-1	167322	167322	170299	168314	1.02	cps
Silver	109-1	161228	161788	160484	161167	0.41	cps
Sodium	23-2	166132	167759	167945	167279	0.60	cps
Strontium	86-1	303066	305287	305165	304506	0.41	cps
Strontium	88-1	2779164	2777856	2718053	2758358	1.27	cps
Sulfur	34-1	237044	240107	238089	238414	0.65	cps
Terbium	159-1	17033048	17155061	17072799	17086969	0.36	cps
Terbium	159-2	11783750	11633027	11674093	11696957	0.67	cps
Thallium	203-1	2367846	2374749	2381666	2374754	0.29	cps
Thallium	205-1	5654330	5678344	5683206	5671960	0.27	cps
Tin	118-1	18252	18018	18145	18138	0.64	cps
Titanium	47-1	328247	325445	325840	326510	0.46	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:00:25	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43682	43809	43608	43699	0.23	cps
Vanadium	51-2	624371	623706	620187	622755	0.36	cps
Yttrium	89-1	21190660	20934653	21055744	21060352	0.61	cps
Yttrium	89-2	5743553	5663184	5730348	5712362	0.75	cps
Zinc	66-2	303831	299815	302205	301950	0.67	cps
Zirconium	90-1	75091	76404	76042	75846	0.89	cps
Zirconium	91-1	17137	17147	16890	17058	0.85	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-17	Instrumnet Name :	P7
Client Sample ID :	ME2902	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:03:32	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4071973	4023234	4039439	4044882	0.61	cps
Antimony	121-1	8259	8149	8279	8229	0.85	cps
Arsenic	75-2	10594	10544	10334	10490	1.32	cps
Barium	135-1	503543	508882	503097	505174	0.64	cps
Barium	137-1	877730	875177	878507	877138	0.20	cps
Beryllium	9-1	1767	1737	1807	1770	1.98	cps
Bismuth	209-1	10161355	10045307	10025057	10077240	0.73	cps
Bismuth	209-2	8359618	8381284	8401492	8380798	0.25	cps
Bromine	81-1	17470	17918	18185	17858	2.02	cps
Bromine	81-2	847	900	893	880	3.30	cps
Cadmium	108-1	310	267	330	302	10.71	cps
Cadmium	106-1	5468	5421	5131	5340	3.42	cps
Cadmium	111-1	4037	4284	4146	4156	2.97	cps
Calcium	43-1	1536462	1549747	1559512	1548573	0.75	cps
Calcium	44-1	24735010	24617221	24885463	24745898	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	447479	447230	447947	447552	0.08	cps
Cobalt	59-2	143646	143037	144730	143804	0.60	cps
Copper	63-2	228386	228724	229365	228825	0.22	cps
Dysprosium	156-1	49821	49677	49942	49813	0.27	cps
Dysprosium	156-2	42029	41364	41575	41656	0.82	cps
Erbium	164-1	42966	44133	43805	43634	1.38	cps
Erbium	164-2	31679	31175	31572	31475	0.84	cps
Gadolinium	160-1	49079	49183	49524	49262	0.47	cps
Gadolinium	160-2	37303	37393	36745	37147	0.95	cps
Holmium	165-1	16615063	16511226	16576174	16567488	0.32	cps
Holmium	165-2	11889612	11881358	11857739	11876236	0.14	cps
Indium	115-1	13365140	13316546	13321341	13334343	0.20	cps
Indium	115-2	5028175	5011682	4991940	5010599	0.36	cps
Iron	56-2	329955328	331030268	326385048	329123548	0.74	cps
Iron	57-2	8212323	8138367	8210115	8186935	0.51	cps
Iron	54-2	17968834	17943246	17892906	17934996	0.22	cps
Krypton	83-1	270	247	240	252	6.25	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-17	Instrumnet Name :	P7
Client Sample ID :	ME2902	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:03:32	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1369589	1373596	1377222	1373469	0.28	cps
Lead	207-1	1115170	1116586	1106915	1112890	0.47	cps
Lead	208-1	5440155	5387674	5390256	5406028	0.55	cps
Lithium	6-1	2096976	2119840	2088876	2101898	0.76	cps
Magnesium	24-2	8916755	8892524	8897469	8902250	0.14	cps
Manganese	55-2	10464696	10606187	10408979	10493287	0.97	cps
Molybdenum	94-1	36773	36699	36088	36520	1.03	cps
Molybdenum	95-1	37040	37030	36532	36867	0.79	cps
Molybdenum	96-1	46383	46123	46203	46236	0.29	cps
Molybdenum	97-1	23082	22908	22728	22906	0.77	cps
Molybdenum	98-1	60511	60421	59785	60239	0.66	cps
Neodymium	150-1	76731	77119	76764	76871	0.28	cps
Neodymium	150-2	47205	46991	45761	46652	1.67	cps
Nickel	60-2	102450	101326	102181	101986	0.58	cps
Phosphorus	31-2	11741	11721	11598	11687	0.66	cps
Potassium	39-2	1098146	1095816	1100645	1098202	0.22	cps
Rhodium	103-1	12145404	12111261	12314169	12190278	0.89	cps
Rhodium	103-2	7278578	7341091	7360671	7326780	0.59	cps
Scandium	45-1	7235204	7247564	7236143	7239637	0.10	cps
Scandium	45-2	637050	641774	636536	638453	0.45	cps
Selenium	82-1	377	360	417	384	7.63	cps
Selenium	77-2	143	103	143	130	17.77	cps
Selenium	78-2	597	543	533	558	6.10	cps
Silicon	28-1	24357578	24330794	24483816	24390729	0.34	cps
Silver	107-1	5955	5741	5368	5688	5.22	cps
Silver	109-1	5728	5308	5104	5380	5.91	cps
Sodium	23-2	132104	134020	133455	133193	0.74	cps
Strontium	86-1	238230	239713	237909	238617	0.40	cps
Strontium	88-1	2146525	2137276	2106722	2130174	0.98	cps
Sulfur	34-1	215731	217746	215245	216240	0.61	cps
Terbium	159-1	17168393	17049459	17068255	17095369	0.37	cps
Terbium	159-2	11838654	11682035	11703479	11741389	0.72	cps
Thallium	203-1	5881	5885	6121	5962	2.31	cps
Thallium	205-1	14248	14364	14354	14322	0.45	cps
Tin	118-1	26431	27590	27122	27048	2.16	cps
Titanium	47-1	298972	298741	299773	299162	0.18	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-17	Instrumnet Name :	P7
Client Sample ID :	ME2902	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:03:32	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50114	49877	49512	49834	0.61	cps
Vanadium	51-2	268458	266606	268044	267702	0.36	cps
Yttrium	89-1	20948754	21028993	21069585	21015777	0.29	cps
Yttrium	89-2	5737782	5771283	5751166	5753410	0.29	cps
Zinc	66-2	248884	249920	250798	249868	0.38	cps
Zirconium	90-1	41722	42645	42358	42242	1.12	cps
Zirconium	91-1	9273	9573	9583	9476	1.86	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:06:43	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2324293	2297915	2270570	2297593	1.17	cps
Antimony	121-1	119673	123148	125193	122671	2.27	cps
Arsenic	75-2	11968	11465	11388	11607	2.72	cps
Barium	135-1	573722	596212	596768	588901	2.23	cps
Barium	137-1	1005525	1033901	1030798	1023408	1.52	cps
Beryllium	9-1	2090	1933	1933	1986	4.56	cps
Bismuth	209-1	10844363	10177255	10070261	10363960	4.05	cps
Bismuth	209-2	8408631	8401638	8460390	8423553	0.38	cps
Bromine	81-1	25575	27158	27088	26607	3.36	cps
Bromine	81-2	2907	2700	2610	2739	5.55	cps
Cadmium	108-1	1560	1627	1707	1631	4.50	cps
Cadmium	106-1	7775	7319	7315	7470	3.54	cps
Cadmium	111-1	18999	19127	19175	19101	0.48	cps
Calcium	43-1	2629548	2727225	2666412	2674395	1.84	cps
Calcium	44-1	42092536	43722181	42955671	42923463	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5921718	5866592	5846492	5878267	0.66	cps
Cobalt	59-2	130212	128686	128645	129181	0.69	cps
Copper	63-2	534217	536579	530538	533778	0.57	cps
Dysprosium	156-1	19757	19771	20215	19914	1.31	cps
Dysprosium	156-2	16927	17141	17080	17049	0.65	cps
Erbium	164-1	20655	20211	20261	20376	1.19	cps
Erbium	164-2	14628	14688	14404	14573	1.03	cps
Gadolinium	160-1	18943	19734	19557	19411	2.14	cps
Gadolinium	160-2	15595	15295	15085	15325	1.67	cps
Holmium	165-1	17970595	16677704	16734931	17127743	4.26	cps
Holmium	165-2	11846720	11936946	11622482	11802049	1.37	cps
Indium	115-1	14351821	13177318	13322530	13617223	4.70	cps
Indium	115-2	4880780	4880821	4846825	4869476	0.40	cps
Iron	56-2	816717961	814119961	809708415	813515446	0.44	cps
Iron	57-2	20283216	20390233	19910892	20194780	1.25	cps
Iron	54-2	44685461	44305824	44000179	44330488	0.77	cps
Krypton	83-1	220	287	230	246	14.64	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:06:43	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8446237	8921232	8752157	8706542	2.77	cps
Lead	207-1	7109118	7365801	7381857	7285592	2.10	cps
Lead	208-1	33065413	34384093	34120320	33856609	2.06	cps
Lithium	6-1	2197934	2099890	2089830	2129218	2.80	cps
Magnesium	24-2	6944778	6970466	6890422	6935222	0.59	cps
Manganese	55-2	38660430	38464336	38037762	38387509	0.83	cps
Molybdenum	94-1	104587	109338	109425	107783	2.57	cps
Molybdenum	95-1	143850	151191	151404	148815	2.89	cps
Molybdenum	96-1	167623	174311	173128	171687	2.08	cps
Molybdenum	97-1	89667	95389	92641	92565	3.09	cps
Molybdenum	98-1	232641	243711	242074	239475	2.50	cps
Neodymium	150-1	29902	30647	30733	30427	1.50	cps
Neodymium	150-2	18405	18916	18012	18444	2.46	cps
Nickel	60-2	827889	830687	825631	828069	0.31	cps
Phosphorus	31-2	17033	17303	16819	17052	1.42	cps
Potassium	39-2	938094	934772	926746	933204	0.63	cps
Rhodium	103-1	13041531	12298816	12025975	12455441	4.22	cps
Rhodium	103-2	7172448	7122270	7075635	7123451	0.68	cps
Scandium	45-1	7769460	7108601	7042539	7306867	5.50	cps
Scandium	45-2	611027	607486	604990	607834	0.50	cps
Selenium	82-1	462	459	451	457	1.24	cps
Selenium	77-2	73	67	127	89	37.00	cps
Selenium	78-2	647	477	453	526	20.08	cps
Silicon	28-1	24885511	25918595	25965306	25589804	2.39	cps
Silver	107-1	47120	49785	49852	48919	3.19	cps
Silver	109-1	45464	46434	47009	46303	1.69	cps
Sodium	23-2	258810	256197	258267	257758	0.53	cps
Strontium	86-1	511656	533292	534211	526386	2.42	cps
Strontium	88-1	4638321	4826704	4747694	4737573	2.00	cps
Sulfur	34-1	254120	253601	253374	253698	0.15	cps
Terbium	159-1	18335102	17226245	17191996	17584447	3.70	cps
Terbium	159-2	11577616	11600093	11382542	11520084	1.04	cps
Thallium	203-1	16433	16650	17278	16787	2.61	cps
Thallium	205-1	38297	40219	39714	39410	2.53	cps
Tin	118-1	104919	110845	111255	109006	3.25	cps
Titanium	47-1	608921	632518	627437	622958	1.99	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:06:43	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32269	33335	33616	33073	2.15	cps
Vanadium	51-2	308335	306911	305544	306930	0.45	cps
Yttrium	89-1	22079690	20808215	20428770	21105558	4.10	cps
Yttrium	89-2	5534285	5497866	5441526	5491225	0.85	cps
Zinc	66-2	2137253	2125890	2164659	2142601	0.93	cps
Zirconium	90-1	63597	67685	67203	66162	3.38	cps
Zirconium	91-1	14461	14574	14871	14635	1.45	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:09:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15457302	15567226	15528142	15517557	0.36	cps
Antimony	121-1	5545205	5681552	5605191	5610649	1.22	cps
Arsenic	75-2	1586943	1561009	1536938	1561630	1.60	cps
Barium	135-1	3581599	3690601	3638827	3637009	1.50	cps
Barium	137-1	6156179	6344943	6258364	6253162	1.51	cps
Beryllium	9-1	2377	2164	2107	2216	6.43	cps
Bismuth	209-1	12892929	12210629	12101054	12401537	3.46	cps
Bismuth	209-2	10139814	9958417	9849799	9982677	1.47	cps
Bromine	81-1	276160	308861	315846	300289	7.06	cps
Bromine	81-2	58967	61269	60326	60187	1.92	cps
Cadmium	108-1	4464	4411	4197	4357	3.24	cps
Cadmium	106-1	12232	12132	12245	12203	0.51	cps
Cadmium	111-1	45066	47783	45721	46190	3.07	cps
Calcium	43-1	1225761	1251394	1223321	1233492	1.26	cps
Calcium	44-1	19383561	19899891	19504863	19596105	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	915075	904155	902803	907344	0.74	cps
Cobalt	59-2	1557117	1571431	1550721	1559756	0.68	cps
Copper	63-2	173578717	174165824	173777151	173840564	0.17	cps
Dysprosium	156-1	128703	130385	127601	128896	1.09	cps
Dysprosium	156-2	104126	103461	104474	104020	0.50	cps
Erbium	164-1	121264	122575	120528	121456	0.85	cps
Erbium	164-2	84905	86308	85617	85610	0.82	cps
Gadolinium	160-1	128177	130652	127739	128856	1.22	cps
Gadolinium	160-2	94476	94942	94617	94678	0.25	cps
Holmium	165-1	20011193	19232088	19119598	19454293	2.50	cps
Holmium	165-2	13628958	13188317	13226996	13348090	1.83	cps
Indium	115-1	16821842	16449884	16333235	16534987	1.54	cps
Indium	115-2	5888196	5802988	5786884	5826023	0.93	cps
Iron	56-2	957006146	950099693	941440759	949515533	0.82	cps
Iron	57-2	23697946	23593812	23616537	23636099	0.23	cps
Iron	54-2	51605036	51451248	50957324	51337869	0.66	cps
Krypton	83-1	433	440	357	410	11.29	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:09:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29823580	30315120	29853430	29997377	0.92	cps
Lead	207-1	26110120	26371905	26023881	26168635	0.69	cps
Lead	208-1	119473082	120147178	118598807	119406356	0.65	cps
Lithium	6-1	2522901	2529468	2518122	2523497	0.23	cps
Magnesium	24-2	14938104	14970623	14888993	14932573	0.28	cps
Manganese	55-2	7379232	7358447	7245836	7327838	0.98	cps
Molybdenum	94-1	425254	435060	429777	430030	1.14	cps
Molybdenum	95-1	382055	390139	380667	384287	1.33	cps
Molybdenum	96-1	452945	465102	459064	459037	1.32	cps
Molybdenum	97-1	238963	245791	240555	241769	1.48	cps
Molybdenum	98-1	616074	630928	616003	621002	1.38	cps
Neodymium	150-1	193977	199911	195465	196451	1.57	cps
Neodymium	150-2	116600	115236	116375	116070	0.63	cps
Nickel	60-2	314102	314729	312237	313689	0.41	cps
Phosphorus	31-2	61499	61653	60901	61351	0.65	cps
Potassium	39-2	7130964	7184844	7110192	7142000	0.54	cps
Rhodium	103-1	14393234	14043193	13714628	14050351	2.42	cps
Rhodium	103-2	8197305	8065384	8075121	8112603	0.91	cps
Scandium	45-1	8879957	8675184	8577493	8710878	1.77	cps
Scandium	45-2	734060	721458	719216	724911	1.10	cps
Selenium	82-1	2810	2903	2980	2898	2.93	cps
Selenium	77-2	593	620	607	607	2.20	cps
Selenium	78-2	1530	1433	1507	1490	3.39	cps
Silicon	28-1	195309330	200526864	198166957	198001050	1.32	cps
Silver	107-1	878790	889014	875589	881131	0.80	cps
Silver	109-1	836669	849206	837027	840967	0.85	cps
Sodium	23-2	56954421	57304712	56468889	56909341	0.74	cps
Strontium	86-1	1627431	1658484	1648393	1644769	0.96	cps
Strontium	88-1	14135705	14434501	14192673	14254293	1.11	cps
Sulfur	34-1	3989625	4046022	3942442	3992696	1.30	cps
Terbium	159-1	20401229	19741818	19675423	19939490	2.01	cps
Terbium	159-2	13262214	13001382	13020309	13094635	1.11	cps
Thallium	203-1	53254	52487	52859	52866	0.73	cps
Thallium	205-1	126407	127366	124607	126127	1.11	cps
Tin	118-1	2871659	2934163	2926275	2910699	1.17	cps
Titanium	47-1	4125594	4331809	4176769	4211391	2.55	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:09:51	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	286062	288275	288925	287754	0.52	cps
Vanadium	51-2	900607	887026	887175	891603	0.87	cps
Yttrium	89-1	26290023	25542920	25391946	25741630	1.87	cps
Yttrium	89-2	6752663	6549149	6586643	6629485	1.63	cps
Zinc	66-2	9517235	9375715	9438149	9443700	0.75	cps
Zirconium	90-1	566434	586460	578405	577100	1.75	cps
Zirconium	91-1	127260	133700	130638	130533	2.47	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:12:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8545499	8507968	8536321	8529929	0.23	cps
Antimony	121-1	2150	2254	2227	2210	2.43	cps
Arsenic	75-2	6201	6421	6612	6411	3.20	cps
Barium	135-1	723074	727312	723704	724696	0.32	cps
Barium	137-1	1244736	1254216	1254724	1251225	0.45	cps
Beryllium	9-1	1850	1617	1640	1702	7.55	cps
Bismuth	209-1	9958542	9925680	9956835	9947019	0.19	cps
Bismuth	209-2	8259471	8336704	8232957	8276377	0.65	cps
Bromine	81-1	22604	22060	20217	21627	5.78	cps
Bromine	81-2	1083	1090	950	1041	7.59	cps
Cadmium	108-1	1007	867	923	932	7.55	cps
Cadmium	106-1	7098	7459	7282	7280	2.47	cps
Cadmium	111-1	1960	2242	2073	2092	6.77	cps
Calcium	43-1	610141	623063	623636	618947	1.23	cps
Calcium	44-1	9635216	9869323	9722396	9742312	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207808	209353	208707	208622	0.37	cps
Cobalt	59-2	277291	276656	277858	277269	0.22	cps
Copper	63-2	475485	477714	475163	476121	0.29	cps
Dysprosium	156-1	92989	94354	93589	93644	0.73	cps
Dysprosium	156-2	76755	78035	78099	77629	0.98	cps
Erbium	164-1	93406	94591	94469	94155	0.69	cps
Erbium	164-2	66678	68450	67455	67528	1.32	cps
Gadolinium	160-1	94771	94757	96043	95190	0.78	cps
Gadolinium	160-2	72104	72204	71535	71948	0.50	cps
Holmium	165-1	16834306	16521482	16591444	16649077	0.99	cps
Holmium	165-2	11871159	11900135	11787282	11852858	0.49	cps
Indium	115-1	13151266	13190119	13292983	13211456	0.55	cps
Indium	115-2	4902523	4895935	4904693	4901050	0.09	cps
Iron	56-2	322922955	322651042	322407475	322660491	0.08	cps
Iron	57-2	7955586	7964449	8011601	7977212	0.38	cps
Iron	54-2	17592389	17576309	17560168	17576289	0.09	cps
Krypton	83-1	340	360	307	336	8.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:12:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	185644	186521	184625	185597	0.51	cps
Lead	207-1	155926	155202	155816	155648	0.25	cps
Lead	208-1	722712	724625	722438	723258	0.16	cps
Lithium	6-1	2030121	2028653	2011361	2023378	0.52	cps
Magnesium	24-2	7579344	7629639	7591420	7600134	0.35	cps
Manganese	55-2	4014347	4063827	3964279	4014151	1.24	cps
Molybdenum	94-1	389549	402343	396450	396114	1.62	cps
Molybdenum	95-1	5398	5644	5424	5489	2.47	cps
Molybdenum	96-1	75282	76154	77001	76146	1.13	cps
Molybdenum	97-1	3417	3480	3540	3479	1.77	cps
Molybdenum	98-1	8659	8473	8456	8529	1.32	cps
Neodymium	150-1	141717	140182	144101	142000	1.39	cps
Neodymium	150-2	86533	86885	85923	86447	0.56	cps
Nickel	60-2	108224	108166	108519	108303	0.17	cps
Phosphorus	31-2	21238	21185	21305	21243	0.28	cps
Potassium	39-2	1069817	1076267	1078923	1075002	0.44	cps
Rhodium	103-1	11992323	12201004	12033220	12075516	0.92	cps
Rhodium	103-2	7274052	7200257	7255805	7243371	0.53	cps
Scandium	45-1	7334451	7318251	7327934	7326879	0.11	cps
Scandium	45-2	644483	647411	644009	645301	0.29	cps
Selenium	82-1	293	260	327	293	11.41	cps
Selenium	77-2	223	217	220	220	1.52	cps
Selenium	78-2	620	710	623	651	7.84	cps
Silicon	28-1	18274999	18486311	18583608	18448306	0.86	cps
Silver	107-1	2770	2654	2717	2714	2.15	cps
Silver	109-1	1957	2094	1977	2009	3.67	cps
Sodium	23-2	632019	630717	631818	631518	0.11	cps
Strontium	86-1	482152	485707	487673	485177	0.58	cps
Strontium	88-1	4340917	4371162	4318657	4343579	0.61	cps
Sulfur	34-1	151809	159290	159856	156985	2.86	cps
Terbium	159-1	16879772	16838669	17013276	16910572	0.54	cps
Terbium	159-2	11781835	11431081	11639581	11617499	1.52	cps
Thallium	203-1	3731	3794	3777	3767	0.87	cps
Thallium	205-1	9187	8976	8663	8942	2.95	cps
Tin	118-1	19276	19206	19467	19316	0.70	cps
Titanium	47-1	4847425	4840525	4872786	4853579	0.35	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:12:49	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62395	62684	63233	62771	0.68	cps
Vanadium	51-2	760773	757490	759596	759286	0.22	cps
Yttrium	89-1	21440586	21386496	21488090	21438391	0.24	cps
Yttrium	89-2	5932347	5840550	5846908	5873268	0.87	cps
Zinc	66-2	139137	139467	139773	139459	0.23	cps
Zirconium	90-1	1056351	1087219	1074144	1072571	1.44	cps
Zirconium	91-1	234887	241708	240371	238989	1.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:16:03	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18558542	18344263	18439779	18447528	0.58	cps
Antimony	121-1	1317	1303	1280	1300	1.43	cps
Arsenic	75-2	4631	4924	4591	4715	3.86	cps
Barium	135-1	686549	694100	689940	690196	0.55	cps
Barium	137-1	1197904	1203732	1199170	1200268	0.26	cps
Beryllium	9-1	1983	1957	1930	1957	1.36	cps
Bismuth	209-1	9734605	9826948	9677580	9746377	0.77	cps
Bismuth	209-2	8381388	8132247	8243196	8252277	1.51	cps
Bromine	81-1	16589	16700	16289	16526	1.29	cps
Bromine	81-2	687	610	753	683	10.50	cps
Cadmium	108-1	1067	1137	1240	1148	7.60	cps
Cadmium	106-1	7762	7922	7769	7818	1.16	cps
Cadmium	111-1	2477	2455	2324	2418	3.42	cps
Calcium	43-1	496451	490990	491923	493122	0.59	cps
Calcium	44-1	7714054	7659833	7638896	7670927	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	285241	283105	284455	284267	0.38	cps
Cobalt	59-2	284847	281839	284683	283790	0.60	cps
Copper	63-2	590705	587657	586887	588416	0.34	cps
Dysprosium	156-1	93398	91468	91955	92274	1.09	cps
Dysprosium	156-2	77841	77274	78082	77732	0.53	cps
Erbium	164-1	80825	81982	81067	81291	0.75	cps
Erbium	164-2	58164	58258	57628	58016	0.59	cps
Gadolinium	160-1	90493	91838	91067	91133	0.74	cps
Gadolinium	160-2	69092	68041	68620	68584	0.77	cps
Holmium	165-1	16327269	16243925	16384991	16318728	0.43	cps
Holmium	165-2	11804972	11706112	11803485	11771523	0.48	cps
Indium	115-1	13006797	12990460	13128072	13041776	0.58	cps
Indium	115-2	4908255	4821873	4844250	4858126	0.92	cps
Iron	56-2	346108675	343260982	341860542	343743399	0.63	cps
Iron	57-2	8574527	8399674	8451809	8475337	1.06	cps
Iron	54-2	18774348	18431568	18569338	18591751	0.93	cps
Krypton	83-1	317	323	287	309	6.32	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:16:03	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	259776	260852	261623	260751	0.36	cps
Lead	207-1	218467	218554	219648	218890	0.30	cps
Lead	208-1	1010479	1011763	1015947	1012730	0.28	cps
Lithium	6-1	1981758	2027871	2027057	2012228	1.31	cps
Magnesium	24-2	10813777	10854520	10796144	10821481	0.28	cps
Manganese	55-2	4793320	4694545	4784173	4757346	1.15	cps
Molybdenum	94-1	516874	511292	515011	514392	0.55	cps
Molybdenum	95-1	3954	4061	3994	4003	1.35	cps
Molybdenum	96-1	93258	95240	93073	93857	1.28	cps
Molybdenum	97-1	2564	2557	2354	2491	4.79	cps
Molybdenum	98-1	6191	6448	6271	6304	2.08	cps
Neodymium	150-1	153269	153337	151369	152658	0.73	cps
Neodymium	150-2	93467	93440	92732	93213	0.45	cps
Nickel	60-2	112605	111886	111430	111974	0.53	cps
Phosphorus	31-2	23271	22894	22854	23006	1.00	cps
Potassium	39-2	1335365	1315998	1310445	1320603	0.99	cps
Rhodium	103-1	11862490	11810890	11841734	11838372	0.22	cps
Rhodium	103-2	7124586	6957399	7075197	7052394	1.22	cps
Scandium	45-1	7322567	7319470	7240768	7294268	0.64	cps
Scandium	45-2	636512	634035	641179	637242	0.57	cps
Selenium	82-1	290	242	273	268	8.97	cps
Selenium	77-2	260	200	273	244	15.98	cps
Selenium	78-2	607	683	587	626	8.16	cps
Silicon	28-1	28113882	27776341	27837467	27909230	0.64	cps
Silver	107-1	2164	2090	1960	2071	4.97	cps
Silver	109-1	1320	1323	1257	1300	2.89	cps
Sodium	23-2	600961	598414	602640	600672	0.35	cps
Strontium	86-1	522244	522887	520680	521937	0.22	cps
Strontium	88-1	4648671	4699231	4617084	4654995	0.89	cps
Sulfur	34-1	155320	151583	151792	152899	1.37	cps
Terbium	159-1	16921306	16792909	16530876	16748364	1.19	cps
Terbium	159-2	11607303	11494077	11490510	11530630	0.58	cps
Thallium	203-1	2610	2480	2417	2502	3.94	cps
Thallium	205-1	5621	5995	5908	5841	3.35	cps
Tin	118-1	14698	13990	13680	14123	3.69	cps
Titanium	47-1	3854858	3839075	3835476	3843136	0.27	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:16:03	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50154	49863	50221	50080	0.38	cps
Vanadium	51-2	700895	694092	694405	696464	0.55	cps
Yttrium	89-1	21133049	21281559	20873472	21096027	0.98	cps
Yttrium	89-2	5738923	5632178	5723893	5698331	1.01	cps
Zinc	66-2	253530	252510	251506	252516	0.40	cps
Zirconium	90-1	1440590	1460466	1391126	1430727	2.50	cps
Zirconium	91-1	311478	309581	309504	310188	0.36	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:20:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2843139	2889767	2788108	2840338	1.79	cps
Antimony	121-1	963363	960062	956971	960132	0.33	cps
Arsenic	75-2	267452	264883	266614	266316	0.49	cps
Barium	135-1	617689	622348	618814	619617	0.39	cps
Barium	137-1	1071906	1073907	1066977	1070930	0.33	cps
Beryllium	9-1	420	490	497	469	9.06	cps
Bismuth	209-1	10329037	10142645	10115881	10195854	1.14	cps
Bismuth	209-2	8613796	8557769	8483158	8551574	0.77	cps
Bromine	81-1	62930	67925	69556	66804	5.17	cps
Bromine	81-2	11074	11138	10924	11045	0.99	cps
Cadmium	108-1	787	840	897	841	6.54	cps
Cadmium	106-1	5578	5358	5374	5437	2.25	cps
Cadmium	111-1	8916	8975	8797	8896	1.02	cps
Calcium	43-1	219913	218578	221026	219839	0.56	cps
Calcium	44-1	3494384	3503097	3450321	3482601	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167930	167279	167427	167545	0.20	cps
Cobalt	59-2	275184	275688	272954	274609	0.53	cps
Copper	63-2	31635469	31254964	31135695	31342043	0.83	cps
Dysprosium	156-1	22949	23099	22915	22988	0.43	cps
Dysprosium	156-2	18849	19013	19026	18963	0.52	cps
Erbium	164-1	21867	21967	21593	21809	0.89	cps
Erbium	164-2	15475	15759	15429	15554	1.15	cps
Gadolinium	160-1	22805	23660	22942	23136	1.98	cps
Gadolinium	160-2	17958	17695	17765	17806	0.77	cps
Holmium	165-1	16767986	16422031	16220211	16470076	1.68	cps
Holmium	165-2	11960183	11830707	11784861	11858584	0.77	cps
Indium	115-1	13612586	13353974	13580247	13515602	1.04	cps
Indium	115-2	5099810	5025912	5046763	5057495	0.75	cps
Iron	56-2	176009491	176631897	175136644	175926011	0.43	cps
Iron	57-2	4319066	4379068	4301739	4333291	0.94	cps
Iron	54-2	9499027	9574636	9509585	9527750	0.43	cps
Krypton	83-1	243	210	267	240	11.87	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:20:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5587933	5550479	5477973	5538795	1.01	cps
Lead	207-1	4875596	4835824	4760225	4823882	1.21	cps
Lead	208-1	22088132	22083370	21691887	21954463	1.04	cps
Lithium	6-1	2078912	2019289	2032231	2043478	1.53	cps
Magnesium	24-2	2722684	2722879	2687197	2710920	0.76	cps
Manganese	55-2	3293413	3282765	3283538	3286572	0.18	cps
Molybdenum	94-1	76080	76763	75942	76262	0.58	cps
Molybdenum	95-1	66226	67535	66832	66864	0.98	cps
Molybdenum	96-1	80939	81432	81049	81140	0.32	cps
Molybdenum	97-1	42181	42779	42535	42498	0.71	cps
Molybdenum	98-1	108992	108126	108838	108652	0.43	cps
Neodymium	150-1	34639	35483	35424	35182	1.34	cps
Neodymium	150-2	21143	22198	21213	21518	2.74	cps
Nickel	60-2	58935	57697	56797	57810	1.86	cps
Phosphorus	31-2	10667	10907	10754	10776	1.13	cps
Potassium	39-2	1355302	1369819	1329468	1351530	1.51	cps
Rhodium	103-1	12060801	12163439	12276587	12166943	0.89	cps
Rhodium	103-2	7347372	7260384	7320511	7309422	0.61	cps
Scandium	45-1	7173963	7165652	7187598	7175738	0.15	cps
Scandium	45-2	628312	626167	619829	624769	0.71	cps
Selenium	82-1	604	606	580	597	2.39	cps
Selenium	77-2	123	100	120	114	11.03	cps
Selenium	78-2	517	643	660	607	12.92	cps
Silicon	28-1	36076644	36152786	36071166	36100199	0.13	cps
Silver	107-1	158408	160290	160547	159748	0.73	cps
Silver	109-1	152027	149855	151253	151045	0.73	cps
Sodium	23-2	10265826	10142700	10097230	10168586	0.86	cps
Strontium	86-1	278848	278825	279113	278929	0.06	cps
Strontium	88-1	2518699	2540473	2524973	2528048	0.44	cps
Sulfur	34-1	767780	780200	765433	771137	1.03	cps
Terbium	159-1	17057233	16806034	16906135	16923134	0.75	cps
Terbium	159-2	11771189	11589127	11723270	11694528	0.81	cps
Thallium	203-1	9433	9177	9340	9317	1.40	cps
Thallium	205-1	21981	22248	22265	22165	0.72	cps
Tin	118-1	498949	501857	500031	500279	0.29	cps
Titanium	47-1	708518	714713	714421	712551	0.49	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:20:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51838	51884	51409	51710	0.51	cps
Vanadium	51-2	163130	162935	162803	162956	0.10	cps
Yttrium	89-1	20631289	20437475	20459433	20509399	0.52	cps
Yttrium	89-2	5671319	5664961	5591244	5642508	0.79	cps
Zinc	66-2	1684962	1675787	1666913	1675887	0.54	cps
Zirconium	90-1	103531	102477	101810	102606	0.85	cps
Zirconium	91-1	22975	23726	23078	23260	1.75	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:23:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11960608	11928088	11973027	11953908	0.19	cps
Antimony	121-1	1760	1630	1737	1709	4.06	cps
Arsenic	75-2	3987	4044	4171	4067	2.31	cps
Barium	135-1	721245	727454	726442	725047	0.46	cps
Barium	137-1	1253406	1267882	1262595	1261294	0.58	cps
Beryllium	9-1	1620	1503	1507	1543	4.30	cps
Bismuth	209-1	9876459	9776666	9668984	9774037	1.06	cps
Bismuth	209-2	8193497	8206650	8238263	8212803	0.28	cps
Bromine	81-1	18225	16673	16766	17221	5.05	cps
Bromine	81-2	710	730	727	722	1.48	cps
Cadmium	108-1	1080	1127	1030	1079	4.48	cps
Cadmium	106-1	7152	7502	7182	7279	2.67	cps
Cadmium	111-1	3157	3338	3213	3236	2.86	cps
Calcium	43-1	380386	383966	381271	381874	0.49	cps
Calcium	44-1	6049490	6012451	5936090	5999344	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185030	183694	185333	184686	0.47	cps
Cobalt	59-2	202088	201699	200268	201352	0.48	cps
Copper	63-2	335373	337013	333842	335409	0.47	cps
Dysprosium	156-1	48898	48985	49584	49156	0.76	cps
Dysprosium	156-2	42521	41993	42785	42433	0.95	cps
Erbium	164-1	43273	44036	44310	43873	1.22	cps
Erbium	164-2	32585	32003	31686	32091	1.42	cps
Gadolinium	160-1	47761	47714	47597	47691	0.18	cps
Gadolinium	160-2	36317	36969	36237	36507	1.10	cps
Holmium	165-1	16473330	16255706	16208526	16312520	0.87	cps
Holmium	165-2	11718179	11598310	11600064	11638851	0.59	cps
Indium	115-1	13170278	12863744	12960767	12998263	1.21	cps
Indium	115-2	4849566	4791326	4845206	4828700	0.67	cps
Iron	56-2	243266510	242279756	241225650	242257305	0.42	cps
Iron	57-2	6021800	5969833	5938597	5976743	0.70	cps
Iron	54-2	13116192	13045756	13152323	13104757	0.41	cps
Krypton	83-1	247	203	243	231	10.43	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:23:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	460874	459855	459027	459919	0.20	cps
Lead	207-1	384633	387261	384981	385625	0.37	cps
Lead	208-1	1779149	1793825	1785430	1786135	0.41	cps
Lithium	6-1	1989943	1972855	2005832	1989543	0.83	cps
Magnesium	24-2	6530027	6451598	6441956	6474527	0.75	cps
Manganese	55-2	3693524	3641258	3607874	3647552	1.18	cps
Molybdenum	94-1	430126	430811	433130	431356	0.37	cps
Molybdenum	95-1	3554	3737	3564	3618	2.85	cps
Molybdenum	96-1	77688	79116	79052	78619	1.03	cps
Molybdenum	97-1	2374	2400	2154	2309	5.86	cps
Molybdenum	98-1	5975	5928	5978	5960	0.47	cps
Neodymium	150-1	79838	78869	79030	79246	0.66	cps
Neodymium	150-2	49189	48851	48342	48794	0.87	cps
Nickel	60-2	76752	76065	75921	76246	0.58	cps
Phosphorus	31-2	17153	17300	16699	17051	1.84	cps
Potassium	39-2	1093798	1089156	1084489	1089148	0.43	cps
Rhodium	103-1	11972532	11770309	11772519	11838453	0.98	cps
Rhodium	103-2	7137166	7068494	7057231	7087630	0.61	cps
Scandium	45-1	7238609	7134836	7023060	7132168	1.51	cps
Scandium	45-2	638759	631154	629747	633220	0.77	cps
Selenium	82-1	234	277	239	250	9.54	cps
Selenium	77-2	87	110	103	100	12.02	cps
Selenium	78-2	483	527	680	563	18.34	cps
Silicon	28-1	21243861	21212785	21186828	21214491	0.13	cps
Silver	107-1	1823	1747	1903	1825	4.29	cps
Silver	109-1	1057	1127	1143	1109	4.15	cps
Sodium	23-2	391050	390643	388984	390226	0.28	cps
Strontium	86-1	528528	529349	528247	528708	0.11	cps
Strontium	88-1	4834588	4755847	4718807	4769748	1.24	cps
Sulfur	34-1	148550	148816	146528	147965	0.85	cps
Terbium	159-1	16866947	16684754	16324461	16625387	1.66	cps
Terbium	159-2	11439794	11514939	11482830	11479187	0.33	cps
Thallium	203-1	2257	2360	2284	2300	2.33	cps
Thallium	205-1	5144	5401	5404	5317	2.81	cps
Tin	118-1	17474	18388	18218	18027	2.70	cps
Titanium	47-1	2259668	2240244	2239819	2246577	0.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:23:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40505	41214	40793	40837	0.87	cps
Vanadium	51-2	552876	550215	547875	550322	0.45	cps
Yttrium	89-1	20457575	20348613	20009857	20272015	1.15	cps
Yttrium	89-2	5596297	5529100	5516189	5547195	0.78	cps
Zinc	66-2	336445	335946	337605	336666	0.25	cps
Zirconium	90-1	1168777	1170865	1171063	1170235	0.11	cps
Zirconium	91-1	260941	261978	261153	261357	0.21	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:26:35	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10482020	10518162	10482346	10494176	0.20	cps
Antimony	121-1	1440	1403	1610	1485	7.43	cps
Arsenic	75-2	5351	5414	5708	5491	3.47	cps
Barium	135-1	872859	863168	862198	866075	0.68	cps
Barium	137-1	1514928	1506110	1491269	1504102	0.79	cps
Beryllium	9-1	1690	1577	1653	1640	3.53	cps
Bismuth	209-1	9817374	9654187	9724199	9731920	0.84	cps
Bismuth	209-2	8251229	8183424	8116971	8183875	0.82	cps
Bromine	81-1	16416	16626	16282	16441	1.05	cps
Bromine	81-2	650	607	707	654	7.66	cps
Cadmium	108-1	910	833	950	898	6.60	cps
Cadmium	106-1	6682	6852	7202	6912	3.84	cps
Cadmium	111-1	1874	2011	2115	2000	6.04	cps
Calcium	43-1	552322	545330	544023	547225	0.82	cps
Calcium	44-1	8538163	8621562	8478796	8546174	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238570	237660	237494	237908	0.24	cps
Cobalt	59-2	263268	260130	260436	261278	0.66	cps
Copper	63-2	552999	550257	547741	550332	0.48	cps
Dysprosium	156-1	58230	56563	56222	57005	1.88	cps
Dysprosium	156-2	48142	47359	47727	47743	0.82	cps
Erbium	164-1	53753	54134	54455	54114	0.65	cps
Erbium	164-2	38710	39285	39108	39034	0.75	cps
Gadolinium	160-1	55590	55750	55098	55479	0.61	cps
Gadolinium	160-2	42063	41959	40712	41578	1.81	cps
Holmium	165-1	16244326	16146456	15999995	16130259	0.76	cps
Holmium	165-2	11608852	11549242	11542532	11566876	0.32	cps
Indium	115-1	12974016	12847322	12913485	12911608	0.49	cps
Indium	115-2	4876392	4816006	4838988	4843795	0.63	cps
Iron	56-2	275100103	274039863	272009096	273716354	0.57	cps
Iron	57-2	6747957	6745549	6755225	6749577	0.07	cps
Iron	54-2	14906838	14780235	14713800	14800291	0.66	cps
Krypton	83-1	310	287	240	279	12.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:26:35	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	374446	369221	365594	369753	1.20	cps
Lead	207-1	312030	313000	306985	310672	1.04	cps
Lead	208-1	1446654	1441053	1429459	1439055	0.61	cps
Lithium	6-1	1981394	1933320	1998300	1971005	1.71	cps
Magnesium	24-2	6579542	6544381	6506031	6543318	0.56	cps
Manganese	55-2	6673001	6636244	6570652	6626632	0.78	cps
Molybdenum	94-1	371450	372665	368636	370917	0.56	cps
Molybdenum	95-1	3500	3550	3664	3572	2.34	cps
Molybdenum	96-1	68791	68660	67746	68399	0.83	cps
Molybdenum	97-1	2210	2287	2194	2230	2.23	cps
Molybdenum	98-1	5428	5494	5181	5368	3.08	cps
Neodymium	150-1	88700	88083	88968	88584	0.51	cps
Neodymium	150-2	53274	52912	53163	53116	0.35	cps
Nickel	60-2	81181	80873	80960	81005	0.20	cps
Phosphorus	31-2	25588	24503	24673	24921	2.34	cps
Potassium	39-2	1656862	1651787	1648679	1652443	0.25	cps
Rhodium	103-1	11834014	11824382	11772940	11810446	0.28	cps
Rhodium	103-2	7118515	6951189	7032053	7033919	1.19	cps
Scandium	45-1	7187612	7221134	7212894	7207213	0.24	cps
Scandium	45-2	632498	632255	627632	630795	0.43	cps
Selenium	82-1	212	270	273	251	13.71	cps
Selenium	77-2	97	163	100	120	31.31	cps
Selenium	78-2	467	513	530	503	6.52	cps
Silicon	28-1	19106382	19102423	18888991	19032598	0.65	cps
Silver	107-1	2260	2357	2194	2270	3.62	cps
Silver	109-1	1657	1680	1640	1659	1.21	cps
Sodium	23-2	319209	314636	316802	316883	0.72	cps
Strontium	86-1	561708	558197	555484	558463	0.56	cps
Strontium	88-1	5023374	4974626	4924603	4974201	0.99	cps
Sulfur	34-1	160607	158847	159721	159725	0.55	cps
Terbium	159-1	16555681	16567041	16589967	16570896	0.11	cps
Terbium	159-2	11372403	11375162	11417712	11388426	0.22	cps
Thallium	203-1	3334	3347	3434	3372	1.61	cps
Thallium	205-1	8129	7759	7956	7948	2.33	cps
Tin	118-1	15352	14804	14607	14921	2.58	cps
Titanium	47-1	1382592	1392753	1408448	1394598	0.93	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:26:35	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43568	44223	43193	43661	1.19	cps
Vanadium	51-2	697529	692036	694512	694692	0.40	cps
Yttrium	89-1	20568657	20470503	20110636	20383265	1.18	cps
Yttrium	89-2	5624810	5528937	5558754	5570833	0.88	cps
Zinc	66-2	143471	144464	144598	144178	0.43	cps
Zirconium	90-1	1011227	1018715	1002083	1010675	0.82	cps
Zirconium	91-1	224880	223446	221513	223280	0.76	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:29:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6451677	6506299	6470157	6476044	0.43	cps
Antimony	121-1	1717	1867	1900	1828	5.34	cps
Arsenic	75-2	4284	4517	4161	4321	4.19	cps
Barium	135-1	627920	642980	642339	637746	1.34	cps
Barium	137-1	1094412	1110887	1120485	1108595	1.19	cps
Beryllium	9-1	1237	1247	1300	1261	2.70	cps
Bismuth	209-1	10127639	9620493	9162358	9636830	5.01	cps
Bismuth	209-2	8225235	8168023	8157575	8183611	0.45	cps
Bromine	81-1	15054	15435	15565	15351	1.73	cps
Bromine	81-2	483	477	463	474	2.15	cps
Cadmium	108-1	877	893	943	904	3.84	cps
Cadmium	106-1	7329	6962	6722	7004	4.36	cps
Cadmium	111-1	2851	2794	2784	2810	1.29	cps
Calcium	43-1	343676	354845	351722	350081	1.65	cps
Calcium	44-1	5443508	5553814	5551423	5516249	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153741	154380	152434	153518	0.65	cps
Cobalt	59-2	191173	191707	189801	190894	0.52	cps
Copper	63-2	262470	261734	262202	262136	0.14	cps
Dysprosium	156-1	75860	76265	77153	76426	0.87	cps
Dysprosium	156-2	64366	65294	65355	65005	0.85	cps
Erbium	164-1	74648	75888	75650	75395	0.87	cps
Erbium	164-2	54773	54325	54355	54485	0.46	cps
Gadolinium	160-1	75207	77345	77637	76730	1.73	cps
Gadolinium	160-2	59298	58458	58853	58870	0.71	cps
Holmium	165-1	16877369	16075961	15518540	16157290	4.23	cps
Holmium	165-2	11600541	11508619	11615562	11574907	0.50	cps
Indium	115-1	13595213	12911280	12197811	12901434	5.42	cps
Indium	115-2	4883098	4932128	4879347	4898191	0.60	cps
Iron	56-2	267591016	264978303	267256076	266608465	0.53	cps
Iron	57-2	6557999	6584450	6612404	6584951	0.41	cps
Iron	54-2	14554323	14366761	14378141	14433075	0.73	cps
Krypton	83-1	293	247	327	289	13.91	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:29:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367682	374186	370576	370815	0.88	cps
Lead	207-1	312851	318510	317560	316307	0.96	cps
Lead	208-1	1438697	1466517	1466438	1457217	1.10	cps
Lithium	6-1	2088834	1980536	1918095	1995822	4.33	cps
Magnesium	24-2	5136843	5087732	5171600	5132058	0.82	cps
Manganese	55-2	2932752	2936374	2965331	2944819	0.61	cps
Molybdenum	94-1	336357	341124	344469	340650	1.20	cps
Molybdenum	95-1	4934	5091	4931	4985	1.83	cps
Molybdenum	96-1	63708	65519	65101	64776	1.46	cps
Molybdenum	97-1	3000	3064	3074	3046	1.31	cps
Molybdenum	98-1	7369	7722	8042	7711	4.37	cps
Neodymium	150-1	114476	116641	117407	116175	1.31	cps
Neodymium	150-2	74271	72227	72988	73162	1.41	cps
Nickel	60-2	72899	72651	72500	72684	0.28	cps
Phosphorus	31-2	24717	24409	24156	24427	1.15	cps
Potassium	39-2	993435	997008	998883	996442	0.28	cps
Rhodium	103-1	12368295	11890404	11278856	11845851	4.61	cps
Rhodium	103-2	7198099	7073740	7123779	7131873	0.88	cps
Scandium	45-1	7375414	7166101	6764221	7101912	4.37	cps
Scandium	45-2	628178	625833	628291	627434	0.22	cps
Selenium	82-1	253	323	174	250	29.88	cps
Selenium	77-2	187	160	177	174	7.72	cps
Selenium	78-2	497	653	520	557	15.18	cps
Silicon	28-1	15417218	15638982	15778222	15611474	1.17	cps
Silver	107-1	1660	1500	1593	1585	5.07	cps
Silver	109-1	1063	1073	1123	1087	2.96	cps
Sodium	23-2	510603	511617	507698	509973	0.40	cps
Strontium	86-1	352744	360034	363964	358914	1.59	cps
Strontium	88-1	3180087	3297680	3236854	3238207	1.82	cps
Sulfur	34-1	158963	161038	161581	160527	0.86	cps
Terbium	159-1	17192052	16474695	15790593	16485780	4.25	cps
Terbium	159-2	11467583	11403779	11416303	11429222	0.30	cps
Thallium	203-1	2594	2804	2544	2647	5.21	cps
Thallium	205-1	6278	6262	6478	6339	1.90	cps
Tin	118-1	13700	14017	13960	13892	1.22	cps
Titanium	47-1	5738040	5858100	5876461	5824200	1.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:29:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51192	51315	52035	51514	0.88	cps
Vanadium	51-2	711053	708937	706180	708723	0.34	cps
Yttrium	89-1	21306534	20539004	19761528	20535689	3.76	cps
Yttrium	89-2	5705570	5636351	5700679	5680867	0.68	cps
Zinc	66-2	246038	245793	245899	245910	0.05	cps
Zirconium	90-1	902725	932322	928121	921056	1.74	cps
Zirconium	91-1	199729	206601	207060	204463	2.01	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:33:02	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5725879	5681334	5700985	5702733	0.39	cps
Antimony	121-1	1710	1660	1540	1637	5.34	cps
Arsenic	75-2	6898	6898	6592	6796	2.61	cps
Barium	135-1	456091	460114	456643	457616	0.48	cps
Barium	137-1	792669	798780	797298	796249	0.40	cps
Beryllium	9-1	1163	1220	1153	1179	3.05	cps
Bismuth	209-1	9670171	9573811	9625633	9623205	0.50	cps
Bismuth	209-2	8199512	8273831	8218554	8230632	0.47	cps
Bromine	81-1	15014	15205	15074	15098	0.64	cps
Bromine	81-2	380	430	410	407	6.19	cps
Cadmium	108-1	763	830	690	761	9.20	cps
Cadmium	106-1	6965	6938	6735	6879	1.83	cps
Cadmium	111-1	1904	2019	2031	1985	3.53	cps
Calcium	43-1	441267	444998	442137	442801	0.44	cps
Calcium	44-1	6966805	7060510	7000872	7009396	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132785	132853	133619	133086	0.35	cps
Cobalt	59-2	194209	194786	192197	193731	0.70	cps
Copper	63-2	347993	347601	346707	347433	0.19	cps
Dysprosium	156-1	102850	103709	102832	103130	0.49	cps
Dysprosium	156-2	85994	87131	87004	86710	0.72	cps
Erbium	164-1	103059	103348	103106	103171	0.15	cps
Erbium	164-2	75858	75516	76042	75805	0.35	cps
Gadolinium	160-1	106323	108227	107105	107218	0.89	cps
Gadolinium	160-2	81096	81609	80577	81094	0.64	cps
Holmium	165-1	16207763	15896101	16100304	16068056	0.99	cps
Holmium	165-2	11656014	11662152	11867080	11728415	1.02	cps
Indium	115-1	12816447	12891857	12949265	12885856	0.52	cps
Indium	115-2	4921103	4892665	4919925	4911231	0.33	cps
Iron	56-2	257485870	256587710	259583756	257885778	0.60	cps
Iron	57-2	6346191	6329707	6390766	6355554	0.50	cps
Iron	54-2	13981462	14072207	13946137	13999935	0.46	cps
Krypton	83-1	287	343	390	340	15.22	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:33:02	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	387289	391948	386689	388642	0.74	cps
Lead	207-1	328596	330148	330472	329739	0.30	cps
Lead	208-1	1527985	1536510	1516701	1527065	0.65	cps
Lithium	6-1	2004868	2007632	1995557	2002686	0.32	cps
Magnesium	24-2	6016665	5932405	5888617	5945896	1.09	cps
Manganese	55-2	3388983	3371587	3365752	3375441	0.36	cps
Molybdenum	94-1	316132	321198	315900	317743	0.94	cps
Molybdenum	95-1	5584	5568	5294	5482	2.97	cps
Molybdenum	96-1	61264	61565	62027	61619	0.62	cps
Molybdenum	97-1	3404	3320	3220	3315	2.77	cps
Molybdenum	98-1	8683	8302	8499	8495	2.24	cps
Neodymium	150-1	149641	152339	151894	151292	0.96	cps
Neodymium	150-2	95115	94343	93913	94457	0.64	cps
Nickel	60-2	92674	92637	92734	92682	0.05	cps
Phosphorus	31-2	37987	37756	37790	37844	0.33	cps
Potassium	39-2	713662	710099	716607	713456	0.46	cps
Rhodium	103-1	11785029	12037677	11759711	11860806	1.30	cps
Rhodium	103-2	7160132	7102497	7227312	7163313	0.87	cps
Scandium	45-1	7224063	7251460	7122938	7199487	0.94	cps
Scandium	45-2	635603	636875	644388	638955	0.74	cps
Selenium	82-1	338	209	149	232	41.83	cps
Selenium	77-2	223	223	287	244	14.96	cps
Selenium	78-2	670	703	600	658	8.02	cps
Silicon	28-1	15051428	15073985	14988981	15038131	0.29	cps
Silver	107-1	1560	1530	1520	1537	1.35	cps
Silver	109-1	930	953	990	958	3.16	cps
Sodium	23-2	565530	562250	560367	562716	0.46	cps
Strontium	86-1	320216	322354	317870	320147	0.70	cps
Strontium	88-1	2865791	2926751	2890165	2894235	1.06	cps
Sulfur	34-1	154943	157576	158930	157150	1.29	cps
Terbium	159-1	16550179	16300801	16461439	16437473	0.77	cps
Terbium	159-2	11496424	11434873	11744694	11558664	1.42	cps
Thallium	203-1	2440	2434	2314	2396	2.98	cps
Thallium	205-1	5548	5855	5561	5655	3.07	cps
Tin	118-1	20034	20916	21786	20912	4.19	cps
Titanium	47-1	4759159	4762502	4739848	4753836	0.26	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:33:02	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39786	39137	39438	39454	0.82	cps
Vanadium	51-2	617599	618119	616344	617354	0.15	cps
Yttrium	89-1	20991254	21248010	20938827	21059363	0.79	cps
Yttrium	89-2	5916110	5805142	5886554	5869269	0.98	cps
Zinc	66-2	119446	117914	120427	119262	1.06	cps
Zirconium	90-1	855683	863293	859970	859648	0.44	cps
Zirconium	91-1	190135	191275	189537	190316	0.46	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:36:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5756192	5786465	5718334	5753664	0.59	cps
Antimony	121-1	1590	1520	1600	1570	2.78	cps
Arsenic	75-2	6241	6612	6498	6450	2.94	cps
Barium	135-1	458963	463640	460110	460905	0.53	cps
Barium	137-1	791309	800608	792936	794951	0.62	cps
Beryllium	9-1	1120	1017	1193	1110	8.00	cps
Bismuth	209-1	10246850	9707840	9675853	9876848	3.25	cps
Bismuth	209-2	8283488	8196806	8245132	8241809	0.53	cps
Bromine	81-1	15018	14707	15121	14949	1.44	cps
Bromine	81-2	380	360	347	362	4.63	cps
Cadmium	108-1	860	750	813	808	6.83	cps
Cadmium	106-1	7395	6955	6952	7101	3.59	cps
Cadmium	111-1	1873	2039	1947	1953	4.28	cps
Calcium	43-1	443944	445639	444319	444634	0.20	cps
Calcium	44-1	6981502	7025389	6956188	6987693	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136222	134315	132681	134406	1.32	cps
Cobalt	59-2	194681	194989	193369	194346	0.44	cps
Copper	63-2	349343	348894	350224	349487	0.19	cps
Dysprosium	156-1	102114	102289	103921	102775	0.97	cps
Dysprosium	156-2	86159	85401	84881	85480	0.75	cps
Erbium	164-1	102459	102385	102042	102295	0.22	cps
Erbium	164-2	74464	74229	74530	74408	0.21	cps
Gadolinium	160-1	105661	107380	105718	106253	0.92	cps
Gadolinium	160-2	80637	80017	80506	80386	0.41	cps
Holmium	165-1	17278398	15985602	16067669	16443890	4.40	cps
Holmium	165-2	11643890	11642956	11586453	11624433	0.28	cps
Indium	115-1	13842476	12960163	12901770	13234803	3.98	cps
Indium	115-2	4995936	4972622	4896908	4955155	1.04	cps
Iron	56-2	259243643	260218469	256499050	258653721	0.75	cps
Iron	57-2	6388374	6426985	6331823	6382394	0.75	cps
Iron	54-2	14218313	14061208	14065453	14114991	0.63	cps
Krypton	83-1	347	353	323	341	4.62	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:36:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	383081	389766	392324	388390	1.23	cps
Lead	207-1	325282	333537	328614	329144	1.26	cps
Lead	208-1	1506677	1530518	1523154	1520117	0.80	cps
Lithium	6-1	2081580	1976679	2003143	2020468	2.70	cps
Magnesium	24-2	5996260	6016144	5993488	6001964	0.21	cps
Manganese	55-2	3451928	3447904	3366325	3422052	1.41	cps
Molybdenum	94-1	317065	321873	321266	320068	0.82	cps
Molybdenum	95-1	5498	5431	5444	5458	0.65	cps
Molybdenum	96-1	60638	63166	62593	62132	2.13	cps
Molybdenum	97-1	3447	3644	3584	3558	2.83	cps
Molybdenum	98-1	8886	8849	8846	8861	0.25	cps
Neodymium	150-1	151349	152845	151446	151880	0.55	cps
Neodymium	150-2	94299	94675	94111	94362	0.30	cps
Nickel	60-2	93093	93526	93006	93208	0.30	cps
Phosphorus	31-2	37680	37683	37195	37519	0.75	cps
Potassium	39-2	724069	721652	712934	719552	0.81	cps
Rhodium	103-1	12765374	11860209	11876824	12167469	4.26	cps
Rhodium	103-2	7321651	7135885	7148289	7201942	1.44	cps
Scandium	45-1	7714707	7275032	7232275	7407338	3.61	cps
Scandium	45-2	647958	646337	644047	646114	0.30	cps
Selenium	82-1	262	298	293	284	6.77	cps
Selenium	77-2	233	283	237	251	11.13	cps
Selenium	78-2	597	737	720	684	11.17	cps
Silicon	28-1	15284698	15242035	15041935	15189556	0.85	cps
Silver	107-1	1513	1590	1590	1565	2.83	cps
Silver	109-1	930	973	930	944	2.65	cps
Sodium	23-2	574031	564589	566477	568366	0.88	cps
Strontium	86-1	318626	322306	321635	320855	0.61	cps
Strontium	88-1	2890148	2883321	2853914	2875794	0.67	cps
Sulfur	34-1	159947	160119	159708	159924	0.13	cps
Terbium	159-1	17529925	16588653	16536397	16884992	3.31	cps
Terbium	159-2	11448243	11503297	11433616	11461718	0.32	cps
Thallium	203-1	2470	2460	2247	2392	5.27	cps
Thallium	205-1	5675	5861	5828	5788	1.72	cps
Tin	118-1	20591	22065	22268	21641	4.23	cps
Titanium	47-1	4727748	4811113	4744155	4761005	0.93	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:36:16	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39104	39987	39271	39454	1.19	cps
Vanadium	51-2	621285	616512	612850	616882	0.69	cps
Yttrium	89-1	22467595	21002029	21130163	21533262	3.77	cps
Yttrium	89-2	5978318	5884484	5839588	5900797	1.20	cps
Zinc	66-2	119880	119937	117901	119239	0.97	cps
Zirconium	90-1	851024	861922	862377	858441	0.75	cps
Zirconium	91-1	188941	192272	193320	191511	1.19	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 17:39:29	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1099245	1093720	1100002	1097656	0.31	cps
Antimony	121-1	410	400	290	367	18.16	cps
Arsenic	75-2	1373	1290	1303	1322	3.39	cps
Barium	135-1	90841	90676	90713	90743	0.10	cps
Barium	137-1	157057	158375	157913	157782	0.42	cps
Beryllium	9-1	297	277	350	308	12.32	cps
Bismuth	209-1	9571959	9627007	9625175	9608047	0.33	cps
Bismuth	209-2	8207254	8363490	8348359	8306368	1.04	cps
Bromine	81-1	14918	15028	14757	14901	0.91	cps
Bromine	81-2	147	247	163	186	28.87	cps
Cadmium	108-1	177	193	147	172	13.73	cps
Cadmium	106-1	5151	5261	4724	5045	5.62	cps
Cadmium	111-1	1152	1126	1101	1127	2.27	cps
Calcium	43-1	89552	90109	88707	89456	0.79	cps
Calcium	44-1	1413679	1410912	1395773	1406788	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27949	27609	27996	27851	0.76	cps
Cobalt	59-2	39395	39846	39716	39652	0.59	cps
Copper	63-2	71282	72082	70917	71427	0.83	cps
Dysprosium	156-1	19504	19931	19697	19711	1.09	cps
Dysprosium	156-2	16967	17227	17404	17200	1.28	cps
Erbium	164-1	19984	20248	20175	20136	0.68	cps
Erbium	164-2	14818	14831	14908	14852	0.33	cps
Gadolinium	160-1	20295	21136	20762	20731	2.03	cps
Gadolinium	160-2	16343	16707	16553	16534	1.10	cps
Holmium	165-1	15589359	15723906	15847472	15720246	0.82	cps
Holmium	165-2	11478023	11638571	11529779	11548791	0.71	cps
Indium	115-1	12955491	13064310	12996068	13005290	0.42	cps
Indium	115-2	4965837	4952047	4903162	4940349	0.67	cps
Iron	56-2	51604568	51702549	52327209	51878109	0.76	cps
Iron	57-2	1294868	1289012	1294512	1292797	0.25	cps
Iron	54-2	2833041	2858340	2852590	2847990	0.47	cps
Krypton	83-1	200	243	187	210	14.11	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 17:39:29	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	77007	77949	76701	77219	0.84	cps
Lead	207-1	64830	65001	65584	65138	0.61	cps
Lead	208-1	300276	300995	302848	301373	0.44	cps
Lithium	6-1	1975629	1984233	1988143	1982669	0.32	cps
Magnesium	24-2	1197763	1197043	1228937	1207915	1.51	cps
Manganese	55-2	663491	661380	667729	664200	0.49	cps
Molybdenum	94-1	62687	63162	63667	63172	0.78	cps
Molybdenum	95-1	1273	1273	1263	1270	0.45	cps
Molybdenum	96-1	12068	12545	12249	12287	1.96	cps
Molybdenum	97-1	730	673	827	743	10.43	cps
Molybdenum	98-1	1847	1853	1850	1850	0.18	cps
Neodymium	150-1	29384	29691	29437	29504	0.56	cps
Neodymium	150-2	18432	18215	18696	18448	1.30	cps
Nickel	60-2	19830	19316	18875	19340	2.47	cps
Phosphorus	31-2	7935	7712	7439	7695	3.23	cps
Potassium	39-2	192261	189760	191171	191064	0.66	cps
Rhodium	103-1	11990674	12047888	11891598	11976720	0.66	cps
Rhodium	103-2	7339231	7300931	7205994	7282052	0.94	cps
Scandium	45-1	7098974	7063042	7029002	7063673	0.50	cps
Scandium	45-2	627126	635063	629896	630695	0.64	cps
Selenium	82-1	225	180	203	203	11.30	cps
Selenium	77-2	37	47	43	42	12.06	cps
Selenium	78-2	577	507	467	517	10.78	cps
Silicon	28-1	3683885	3673233	3753824	3703647	1.18	cps
Silver	107-1	467	417	437	440	5.72	cps
Silver	109-1	247	273	207	242	13.85	cps
Sodium	23-2	131243	132578	131264	131695	0.58	cps
Strontium	86-1	63536	64236	64108	63960	0.58	cps
Strontium	88-1	555663	557734	557270	556889	0.20	cps
Sulfur	34-1	152741	153929	153596	153422	0.40	cps
Terbium	159-1	16330563	16134137	16299844	16254848	0.65	cps
Terbium	159-2	11542860	11402746	11310382	11418663	1.03	cps
Thallium	203-1	827	990	863	893	9.59	cps
Thallium	205-1	1927	2040	1937	1968	3.19	cps
Tin	118-1	5488	5495	5681	5555	1.98	cps
Titanium	47-1	915192	922569	923153	920305	0.48	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 17:39:29	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7819	7889	7816	7841	0.53	cps
Vanadium	51-2	122582	123611	124505	123566	0.78	cps
Yttrium	89-1	19879783	19870557	19913137	19887826	0.11	cps
Yttrium	89-2	5649947	5638943	5592108	5626999	0.55	cps
Zinc	66-2	24821	24353	24527	24567	0.96	cps
Zirconium	90-1	168842	170596	170666	170034	0.61	cps
Zirconium	91-1	38033	37060	37976	37689	1.45	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:42:46	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5748975	5800342	5777477	5775598	0.45	cps
Antimony	121-1	1740	1640	1543	1641	5.99	cps
Arsenic	75-2	149164	149837	147467	148823	0.82	cps
Barium	135-1	1822303	1821838	1844230	1829457	0.70	cps
Barium	137-1	3105792	3116607	3139675	3120691	0.55	cps
Beryllium	9-1	16786	16779	16836	16800	0.18	cps
Bismuth	209-1	9492166	9662366	9567297	9573943	0.89	cps
Bismuth	209-2	8256641	8123631	8334977	8238416	1.30	cps
Bromine	81-1	15034	14767	14888	14897	0.90	cps
Bromine	81-2	373	443	357	391	11.76	cps
Cadmium	108-1	22321	23052	23169	22847	2.01	cps
Cadmium	106-1	37131	36686	37131	36983	0.69	cps
Cadmium	111-1	323600	323374	323215	323396	0.06	cps
Calcium	43-1	444096	444449	445734	444760	0.19	cps
Calcium	44-1	6956242	6993753	6985541	6978512	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	338730	338909	339867	339168	0.18	cps
Cobalt	59-2	989775	990072	992983	990944	0.18	cps
Copper	63-2	620617	618193	618946	619252	0.20	cps
Dysprosium	156-1	101678	103118	102383	102393	0.70	cps
Dysprosium	156-2	85673	85457	85548	85559	0.13	cps
Erbium	164-1	100861	102798	101830	101830	0.95	cps
Erbium	164-2	73689	74232	73046	73656	0.81	cps
Gadolinium	160-1	103324	105893	104878	104698	1.24	cps
Gadolinium	160-2	79859	80379	80117	80118	0.32	cps
Holmium	165-1	15756179	16244116	16155054	16051783	1.62	cps
Holmium	165-2	11711792	11634682	11791151	11712542	0.67	cps
Indium	115-1	12554506	13264880	12944852	12921413	2.75	cps
Indium	115-2	4935890	4929746	4910003	4925213	0.27	cps
Iron	56-2	257107196	257616023	258357703	257693641	0.24	cps
Iron	57-2	6403678	6355161	6308331	6355723	0.75	cps
Iron	54-2	14061710	14011142	13932734	14001862	0.46	cps
Krypton	83-1	387	353	333	358	7.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:42:46	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2112261	2119318	2154438	2128672	1.06	cps
Lead	207-1	1652492	1673114	1676067	1667224	0.77	cps
Lead	208-1	8085810	8135317	8074063	8098397	0.40	cps
Lithium	6-1	1974515	2024325	1992193	1997011	1.26	cps
Magnesium	24-2	5909633	5929972	5949166	5929590	0.33	cps
Manganese	55-2	3790735	3806584	3795610	3797643	0.21	cps
Molybdenum	94-1	323208	327573	326108	325630	0.68	cps
Molybdenum	95-1	18245	18358	17677	18094	2.02	cps
Molybdenum	96-1	75149	75711	75131	75330	0.44	cps
Molybdenum	97-1	11485	11438	11221	11381	1.24	cps
Molybdenum	98-1	29062	29259	28865	29062	0.68	cps
Neodymium	150-1	149031	151143	150322	150165	0.71	cps
Neodymium	150-2	92846	93605	93192	93214	0.41	cps
Nickel	60-2	295557	295135	291463	294052	0.77	cps
Phosphorus	31-2	37529	37827	37847	37734	0.47	cps
Potassium	39-2	714810	719312	714943	716355	0.36	cps
Rhodium	103-1	11760027	12194775	11990235	11981679	1.82	cps
Rhodium	103-2	7208170	7136622	7218592	7187795	0.62	cps
Scandium	45-1	7119056	7403610	7414681	7312449	2.29	cps
Scandium	45-2	643905	644594	649612	646037	0.48	cps
Selenium	82-1	44448	45361	45337	45049	1.16	cps
Selenium	77-2	5391	5291	5131	5271	2.49	cps
Selenium	78-2	17230	17427	17307	17321	0.57	cps
Silicon	28-1	14856314	14923721	14768576	14849537	0.52	cps
Silver	107-1	158212	160566	162667	160482	1.39	cps
Silver	109-1	150034	152328	153129	151830	1.06	cps
Sodium	23-2	561710	565175	562146	563010	0.34	cps
Strontium	86-1	320740	319668	321389	320599	0.27	cps
Strontium	88-1	2870974	2857739	2863124	2863945	0.23	cps
Sulfur	34-1	161567	161280	160718	161189	0.27	cps
Terbium	159-1	16114083	16826933	16683683	16541566	2.28	cps
Terbium	159-2	11514150	11474887	11392944	11460661	0.54	cps
Thallium	203-1	2298792	2321549	2283983	2301441	0.82	cps
Thallium	205-1	5403079	5438745	5450542	5430789	0.46	cps
Tin	118-1	21056	20929	21206	21063	0.66	cps
Titanium	47-1	4781275	4738870	4862599	4794248	1.31	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:42:46	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39499	38813	38436	38916	1.38	cps
Vanadium	51-2	1065784	1067882	1060820	1064829	0.34	cps
Yttrium	89-1	20752592	21401641	21285571	21146601	1.64	cps
Yttrium	89-2	5849549	5899221	5903590	5884120	0.51	cps
Zinc	66-2	219123	220128	220165	219805	0.27	cps
Zirconium	90-1	855242	860202	869789	861744	0.86	cps
Zirconium	91-1	190256	192110	193224	191863	0.78	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BL	Instrumnet Name :	P7
Client Sample ID :	PBS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:45:51	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457	357	280	364	24.31	cps
Antimony	121-1	63	77	63	68	11.36	cps
Arsenic	75-2	17	10	23	17	39.99	cps
Barium	135-1	470	243	190	301	49.38	cps
Barium	137-1	887	523	323	578	49.43	cps
Beryllium	9-1	93	53	60	69	31.11	cps
Bismuth	209-1	9984307	9451291	9364817	9600138	3.49	cps
Bismuth	209-2	8177826	8253664	8154599	8195363	0.63	cps
Bromine	81-1	15188	14784	14567	14846	2.12	cps
Bromine	81-2	160	167	210	179	15.18	cps
Cadmium	108-1	17	20	10	16	32.73	cps
Cadmium	106-1	4981	4561	4567	4703	5.12	cps
Cadmium	111-1	1095	978	960	1011	7.22	cps
Calcium	43-1	367	280	267	304	17.83	cps
Calcium	44-1	9059	7929	7709	8232	8.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1623	1600	1847	1690	8.06	cps
Cobalt	59-2	133	140	167	147	12.03	cps
Copper	63-2	1287	1393	1277	1319	4.90	cps
Dysprosium	156-1	23	23	7	18	54.11	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	90	103	80	91	12.85	cps
Erbium	164-2	50	53	70	58	18.55	cps
Gadolinium	160-1	110	83	67	87	25.22	cps
Gadolinium	160-2	533	627	710	623	14.18	cps
Holmium	165-1	16245794	15750594	15738604	15911664	1.82	cps
Holmium	165-2	11572022	11515406	11343991	11477140	1.03	cps
Indium	115-1	13395278	12964109	13034933	13131440	1.76	cps
Indium	115-2	4985902	4952833	4997979	4978905	0.47	cps
Iron	56-2	32432	30140	28591	30387	6.36	cps
Iron	57-2	1340	1510	1397	1416	6.12	cps
Iron	54-2	3270	3004	3157	3144	4.26	cps
Krypton	83-1	173	217	167	186	14.63	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BL	Instrumnet Name :	P7
Client Sample ID :	PBS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:45:51	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1360	1020	810	1063	26.10	cps
Lead	207-1	1107	770	703	860	25.14	cps
Lead	208-1	4967	3687	3260	3971	22.37	cps
Lithium	6-1	2062584	1956537	1969972	1996365	2.89	cps
Magnesium	24-2	970	977	917	954	3.45	cps
Manganese	55-2	823	823	793	813	2.13	cps
Molybdenum	94-1	730	653	630	671	7.80	cps
Molybdenum	95-1	163	163	187	171	7.87	cps
Molybdenum	96-1	293	307	273	291	5.76	cps
Molybdenum	97-1	77	93	90	87	10.17	cps
Molybdenum	98-1	260	247	220	242	8.41	cps
Neodymium	150-1	50	40	7	32	70.41	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	437	473	503	471	7.09	cps
Phosphorus	31-2	130	160	130	140	12.37	cps
Potassium	39-2	58077	58729	58743	58516	0.65	cps
Rhodium	103-1	12627276	12079645	12149842	12285588	2.43	cps
Rhodium	103-2	7422553	7304194	7295755	7340834	0.97	cps
Scandium	45-1	7385392	7086557	7063196	7178382	2.50	cps
Scandium	45-2	631539	633732	629307	631526	0.35	cps
Selenium	82-1	211	124	164	166	26.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	470	447	440	452	3.48	cps
Silicon	28-1	637411	636266	643131	638936	0.58	cps
Silver	107-1	383	337	273	331	16.67	cps
Silver	109-1	330	300	237	289	16.49	cps
Sodium	23-2	21548	21545	21559	21551	0.03	cps
Strontium	86-1	427	440	380	416	7.58	cps
Strontium	88-1	997	700	597	764	27.16	cps
Sulfur	34-1	150448	150977	150206	150544	0.26	cps
Terbium	159-1	17007474	16113201	15949690	16356788	3.48	cps
Terbium	159-2	11389339	11472428	11141295	11334354	1.52	cps
Thallium	203-1	1313	1093	850	1086	21.35	cps
Thallium	205-1	3107	2437	2024	2522	21.68	cps
Tin	118-1	1583	1483	1533	1533	3.26	cps
Titanium	47-1	1297	647	400	781	59.30	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BL	Instrumnet Name :	P7
Client Sample ID :	PBS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:45:51	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	13	27	19	36.75	cps
Vanadium	51-2	57	63	57	59	6.53	cps
Yttrium	89-1	20562218	19692734	19529975	19928309	2.78	cps
Yttrium	89-2	5587380	5552380	5488280	5542680	0.91	cps
Zinc	66-2	323	277	357	319	12.60	cps
Zirconium	90-1	1743	1550	1403	1566	10.89	cps
Zirconium	91-1	337	353	313	334	6.01	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BS	Instrumnet Name :	P7
Client Sample ID :	LCS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:49:11	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11845	13077	11168	12030	8.05	cps
Antimony	121-1	49712	50010	49421	49714	0.59	cps
Arsenic	75-2	1427	1627	1490	1515	6.75	cps
Barium	135-1	61174	61974	62055	61734	0.79	cps
Barium	137-1	105981	106962	107469	106804	0.71	cps
Beryllium	9-1	3257	3097	3107	3154	2.84	cps
Bismuth	209-1	9554748	9562260	9500074	9539027	0.36	cps
Bismuth	209-2	8262572	8202238	8289919	8251576	0.54	cps
Bromine	81-1	14741	15572	15158	15157	2.74	cps
Bromine	81-2	127	147	197	157	23.01	cps
Cadmium	108-1	470	503	533	502	6.31	cps
Cadmium	106-1	5144	5041	5291	5159	2.44	cps
Cadmium	111-1	7590	7603	7517	7570	0.61	cps
Calcium	43-1	33551	33828	33864	33748	0.51	cps
Calcium	44-1	545714	547810	547086	546870	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21162	21138	21162	21154	0.06	cps
Cobalt	59-2	15822	16155	16713	16230	2.77	cps
Copper	63-2	24981	25675	24654	25103	2.08	cps
Dysprosium	156-1	13	13	10	12	15.73	cps
Dysprosium	156-2	7	60	17	28	102.04	cps
Erbium	164-1	60	70	70	67	8.66	cps
Erbium	164-2	47	97	80	74	34.20	cps
Gadolinium	160-1	47	57	53	52	9.75	cps
Gadolinium	160-2	617	710	633	653	7.62	cps
Holmium	165-1	15902259	15396060	15688086	15662135	1.62	cps
Holmium	165-2	11461190	11632433	11621586	11571736	0.83	cps
Indium	115-1	13240424	12974619	12979420	13064821	1.16	cps
Indium	115-2	5003930	5011612	4972611	4996051	0.41	cps
Iron	56-2	2014302	2003004	1992377	2003228	0.55	cps
Iron	57-2	51451	52178	49628	51086	2.57	cps
Iron	54-2	112170	112752	110041	111654	1.28	cps
Krypton	83-1	190	223	167	193	14.73	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BS	Instrumnet Name :	P7
Client Sample ID :	LCS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:49:11	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18553	18960	19057	18856	1.42	cps
Lead	207-1	16323	16540	16797	16554	1.43	cps
Lead	208-1	74614	75502	76180	75432	1.04	cps
Lithium	6-1	1982701	1974033	1939770	1965501	1.16	cps
Magnesium	24-2	438271	432643	435015	435310	0.65	cps
Manganese	55-2	8986	9557	9163	9235	3.16	cps
Molybdenum	94-1	50296	50460	50032	50262	0.43	cps
Molybdenum	95-1	60916	61177	60498	60863	0.56	cps
Molybdenum	96-1	67930	68231	67291	67817	0.71	cps
Molybdenum	97-1	37622	38464	38230	38105	1.14	cps
Molybdenum	98-1	96956	98889	98895	98246	1.14	cps
Neodymium	150-1	10	17	10	12	31.50	cps
Neodymium	150-2	13	73	3	30	126.22	cps
Nickel	60-2	4514	4978	4331	4607	7.24	cps
Phosphorus	31-2	857	770	813	813	5.33	cps
Potassium	39-2	682965	674793	675404	677721	0.67	cps
Rhodium	103-1	12277324	12012184	12071188	12120232	1.15	cps
Rhodium	103-2	7389094	7332722	7240892	7320903	1.02	cps
Scandium	45-1	7124115	7006131	7060646	7063630	0.84	cps
Scandium	45-2	638787	637520	631761	636022	0.59	cps
Selenium	82-1	2156	2166	2103	2142	1.58	cps
Selenium	77-2	217	220	200	212	5.05	cps
Selenium	78-2	1157	1183	1253	1198	4.17	cps
Silicon	28-1	768728	767403	765544	767225	0.21	cps
Silver	107-1	31467	32256	31845	31856	1.24	cps
Silver	109-1	29590	30095	30890	30191	2.17	cps
Sodium	23-2	718685	714819	711914	715139	0.48	cps
Strontium	86-1	8086	8199	8139	8141	0.70	cps
Strontium	88-1	67477	67902	68780	68053	0.98	cps
Sulfur	34-1	160277	160294	163807	161460	1.26	cps
Terbium	159-1	16232416	16189792	16244734	16222314	0.18	cps
Terbium	159-2	11547179	11431813	11364141	11447711	0.81	cps
Thallium	203-1	24001	23467	23911	23793	1.20	cps
Thallium	205-1	55061	55737	55292	55363	0.62	cps
Tin	118-1	104499	104912	106392	105267	0.95	cps
Titanium	47-1	3874	3884	3764	3841	1.73	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165880BS	Instrumnet Name :	P7
Client Sample ID :	LCS880	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:49:11	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65805	65062	66100	65656	0.81	cps
Vanadium	51-2	46592	45000	45298	45630	1.85	cps
Yttrium	89-1	19933091	19840805	19773168	19849022	0.40	cps
Yttrium	89-2	5579001	5559063	5581348	5573138	0.22	cps
Zinc	66-2	10324	10324	10400	10349	0.43	cps
Zirconium	90-1	41495	42237	43243	42325	2.07	cps
Zirconium	91-1	9043	9033	9490	9189	2.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BL	Instrumnet Name :	P7
Client Sample ID :	PBW859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:52:30	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	193	170	192	11.28	cps
Antimony	121-1	57	60	63	60	5.55	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	70	63	87	73	16.39	cps
Barium	137-1	93	110	77	93	17.86	cps
Beryllium	9-1	63	83	77	74	13.68	cps
Bismuth	209-1	9557536	9421613	9406733	9461961	0.88	cps
Bismuth	209-2	8216036	8248316	8281178	8248510	0.39	cps
Bromine	81-1	14824	14831	14804	14820	0.09	cps
Bromine	81-2	187	167	170	174	6.14	cps
Cadmium	108-1	23	7	7	12	78.69	cps
Cadmium	106-1	4654	4447	4584	4562	2.30	cps
Cadmium	111-1	948	912	946	935	2.17	cps
Calcium	43-1	217	250	290	252	14.56	cps
Calcium	44-1	7752	7235	7315	7434	3.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1567	1460	1600	1542	4.74	cps
Cobalt	59-2	143	133	107	128	14.83	cps
Copper	63-2	1287	1337	1380	1335	3.50	cps
Dysprosium	156-1	20	10	13	14	35.26	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	77	77	70	74	5.17	cps
Erbium	164-2	70	53	60	61	13.73	cps
Gadolinium	160-1	57	47	37	47	21.43	cps
Gadolinium	160-2	687	667	700	684	2.45	cps
Holmium	165-1	15776462	15462800	15509371	15582878	1.09	cps
Holmium	165-2	11505722	11500079	11527663	11511154	0.13	cps
Indium	115-1	13125020	13013030	12935581	13024544	0.73	cps
Indium	115-2	5044014	5026506	4977508	5016009	0.69	cps
Iron	56-2	20224	20013	19910	20049	0.80	cps
Iron	57-2	1157	1237	1170	1188	3.61	cps
Iron	54-2	2834	2704	2714	2750	2.63	cps
Krypton	83-1	143	270	240	218	30.39	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BL	Instrumnet Name :	P7
Client Sample ID :	PBW859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:52:30	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	707	640	660	669	5.11	cps
Lead	207-1	557	497	633	562	12.18	cps
Lead	208-1	2567	2460	2633	2553	3.42	cps
Lithium	6-1	1997186	1925466	2002982	1975212	2.19	cps
Magnesium	24-2	873	953	907	911	4.41	cps
Manganese	55-2	767	667	683	706	7.59	cps
Molybdenum	94-1	373	407	410	397	5.11	cps
Molybdenum	95-1	150	113	143	136	14.41	cps
Molybdenum	96-1	193	227	340	253	30.35	cps
Molybdenum	97-1	103	110	110	108	3.57	cps
Molybdenum	98-1	273	273	280	276	1.40	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	617	503	473	531	14.23	cps
Phosphorus	31-2	183	143	93	140	32.21	cps
Potassium	39-2	59181	59676	59074	59310	0.54	cps
Rhodium	103-1	12126630	12027536	12001254	12051806	0.55	cps
Rhodium	103-2	7365794	7310826	7339179	7338600	0.37	cps
Scandium	45-1	7057450	7072389	7022794	7050878	0.36	cps
Scandium	45-2	637743	642245	636137	638708	0.50	cps
Selenium	82-1	255	45	69	123	93.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	500	527	483	503	4.34	cps
Silicon	28-1	654482	656203	653418	654701	0.21	cps
Silver	107-1	293	300	287	293	2.27	cps
Silver	109-1	213	223	197	211	6.38	cps
Sodium	23-2	21048	20764	20921	20911	0.68	cps
Strontium	86-1	373	357	407	379	6.72	cps
Strontium	88-1	407	327	407	380	12.16	cps
Sulfur	34-1	164939	164699	167739	165792	1.02	cps
Terbium	159-1	16041548	16074088	16001008	16038881	0.23	cps
Terbium	159-2	11270650	11527557	11392644	11396951	1.13	cps
Thallium	203-1	580	590	503	558	8.50	cps
Thallium	205-1	1337	1360	1260	1319	3.97	cps
Tin	118-1	1540	1433	1503	1492	3.63	cps
Titanium	47-1	87	50	103	80	34.11	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BL	Instrumnet Name :	P7
Client Sample ID :	PBW859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:52:30	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	30	20	27	21.65	cps
Vanadium	51-2	13	40	23	26	52.73	cps
Yttrium	89-1	19499572	19544810	19388066	19477482	0.41	cps
Yttrium	89-2	5540381	5579457	5514526	5544788	0.59	cps
Zinc	66-2	513	513	487	504	3.05	cps
Zirconium	90-1	923	870	967	920	5.26	cps
Zirconium	91-1	227	237	230	231	2.20	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BS	Instrumnet Name :	P7
Client Sample ID :	LCS859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:55:52	DataFile Name :	057LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12125	12008	12038	12057	0.50	cps
Antimony	121-1	49953	51144	51863	50987	1.89	cps
Arsenic	75-2	1600	1463	1487	1517	4.82	cps
Barium	135-1	63039	63678	63862	63526	0.68	cps
Barium	137-1	108853	110179	111127	110053	1.04	cps
Beryllium	9-1	3360	3297	3354	3337	1.04	cps
Bismuth	209-1	9947199	9462155	9433517	9614290	3.00	cps
Bismuth	209-2	8320242	8246630	8307151	8291341	0.47	cps
Bromine	81-1	15211	14778	15358	15116	2.00	cps
Bromine	81-2	147	167	163	159	6.74	cps
Cadmium	108-1	423	510	483	472	9.40	cps
Cadmium	106-1	6061	5448	5034	5514	9.37	cps
Cadmium	111-1	7839	8203	8121	8054	2.37	cps
Calcium	43-1	34068	35786	35976	35277	2.98	cps
Calcium	44-1	556350	574643	578526	569840	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22914	22377	22467	22586	1.27	cps
Cobalt	59-2	17454	17333	17363	17383	0.36	cps
Copper	63-2	26450	25769	25989	26069	1.33	cps
Dysprosium	156-1	13	13	30	19	50.96	cps
Dysprosium	156-2	20	13	10	14	35.26	cps
Erbium	164-1	53	70	90	71	25.82	cps
Erbium	164-2	47	60	57	54	12.74	cps
Gadolinium	160-1	53	37	40	43	20.34	cps
Gadolinium	160-2	660	660	693	671	2.87	cps
Holmium	165-1	16419648	15865505	15669176	15984776	2.43	cps
Holmium	165-2	11477737	11571927	11470722	11506795	0.49	cps
Indium	115-1	13891629	12996601	13007959	13298730	3.86	cps
Indium	115-2	5119193	5070078	4970096	5053123	1.50	cps
Iron	56-2	2115019	2102107	2114835	2110653	0.35	cps
Iron	57-2	53140	53281	53662	53361	0.51	cps
Iron	54-2	117252	118229	117023	117501	0.55	cps
Krypton	83-1	177	237	210	208	14.47	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BS	Instrumnet Name :	P7
Client Sample ID :	LCS859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:55:52	DataFile Name :	057LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19047	20178	19898	19708	2.99	cps
Lead	207-1	17024	17094	17378	17165	1.09	cps
Lead	208-1	76397	78555	78622	77858	1.63	cps
Lithium	6-1	2094255	1959516	1955637	2003136	3.94	cps
Magnesium	24-2	463019	458277	457095	459463	0.68	cps
Manganese	55-2	9490	9653	9266	9470	2.05	cps
Molybdenum	94-1	50724	52758	52497	51993	2.13	cps
Molybdenum	95-1	61913	63376	63838	63043	1.59	cps
Molybdenum	96-1	69404	72106	71443	70984	1.98	cps
Molybdenum	97-1	38297	39580	40282	39386	2.56	cps
Molybdenum	98-1	99543	104410	102919	102291	2.44	cps
Neodymium	150-1	17	10	7	11	45.82	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	4564	4657	4671	4631	1.26	cps
Phosphorus	31-2	797	853	813	821	3.55	cps
Potassium	39-2	715680	716018	712170	714623	0.30	cps
Rhodium	103-1	12892750	12155860	12079434	12376015	3.63	cps
Rhodium	103-2	7353987	7429764	7259840	7347864	1.16	cps
Scandium	45-1	7511770	7061010	7090902	7221227	3.49	cps
Scandium	45-2	644284	642263	641224	642590	0.24	cps
Selenium	82-1	2234	2133	2120	2163	2.87	cps
Selenium	77-2	237	230	240	236	2.16	cps
Selenium	78-2	1250	1133	1327	1237	7.87	cps
Silicon	28-1	781265	789863	794735	788621	0.86	cps
Silver	107-1	32924	32974	34000	33299	1.82	cps
Silver	109-1	30399	31250	31561	31070	1.94	cps
Sodium	23-2	756600	748940	754480	753340	0.53	cps
Strontium	86-1	8616	9150	8609	8792	3.53	cps
Strontium	88-1	70110	72008	71164	71094	1.34	cps
Sulfur	34-1	173478	175003	178287	175589	1.40	cps
Terbium	159-1	17059993	16343144	16069206	16490781	3.10	cps
Terbium	159-2	11425936	11347241	11411853	11395010	0.37	cps
Thallium	203-1	23444	24485	24853	24261	3.01	cps
Thallium	205-1	55285	58291	57879	57152	2.85	cps
Tin	118-1	107615	108595	108736	108315	0.56	cps
Titanium	47-1	3874	3690	4154	3906	5.98	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165859BS	Instrumnet Name :	P7
Client Sample ID :	LCS859	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 17:55:52	DataFile Name :	057LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65601	67792	68207	67200	2.08	cps
Vanadium	51-2	47558	47979	46980	47506	1.06	cps
Yttrium	89-1	20747343	19916153	19689670	20117722	2.77	cps
Yttrium	89-2	5626016	5620310	5599117	5615148	0.25	cps
Zinc	66-2	11091	10997	10877	10989	0.97	cps
Zirconium	90-1	41589	44002	43641	43078	3.02	cps
Zirconium	91-1	9223	9753	9790	9589	3.31	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:01:58	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13647415	13758959	13625271	13677215	0.52	cps
Antimony	121-1	5862838	5921457	5941913	5908736	0.69	cps
Arsenic	75-2	289715	289168	286910	288597	0.52	cps
Barium	135-1	7613339	7727758	7644551	7661883	0.77	cps
Barium	137-1	13258004	13153865	13166984	13192951	0.43	cps
Beryllium	9-1	699534	705792	710547	705291	0.78	cps
Bismuth	209-1	8921875	8955383	8931990	8936416	0.19	cps
Bismuth	209-2	7400768	7476295	7347343	7408135	0.87	cps
Bromine	81-1	12545	12545	12442	12511	0.48	cps
Bromine	81-2	123	113	127	121	5.73	cps
Cadmium	108-1	105799	106997	106658	106485	0.58	cps
Cadmium	106-1	153643	153952	153474	153690	0.16	cps
Cadmium	111-1	1430945	1450960	1453956	1445287	0.87	cps
Calcium	43-1	7400169	7357524	7466601	7408098	0.74	cps
Calcium	44-1	118285832	118029932	118508502	118274755	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2270143	2237721	2257322	2255062	0.72	cps
Cobalt	59-2	3426156	3427077	3447779	3433671	0.36	cps
Copper	63-2	23928014	24021719	24038342	23996025	0.25	cps
Dysprosium	156-1	290	200	250	247	18.28	cps
Dysprosium	156-2	657	587	600	614	6.05	cps
Erbium	164-1	333	317	290	313	6.98	cps
Erbium	164-2	247	203	270	240	14.10	cps
Gadolinium	160-1	250	280	267	266	5.66	cps
Gadolinium	160-2	807	753	733	764	4.96	cps
Holmium	165-1	15527786	15276726	15349699	15384737	0.84	cps
Holmium	165-2	11185768	11238630	10997654	11140684	1.14	cps
Indium	115-1	11695662	11599555	11435465	11576894	1.14	cps
Indium	115-2	4327034	4374970	4298422	4333475	0.89	cps
Iron	56-2	529347072	528264219	526749512	528120268	0.25	cps
Iron	57-2	13249235	13158872	13038975	13149027	0.80	cps
Iron	54-2	28742559	28714341	28499199	28652033	0.46	cps
Krypton	83-1	203	223	247	224	9.66	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:01:58	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22983518	23172690	23606158	23254122	1.37	cps
Lead	207-1	20139476	20600582	20650575	20463544	1.38	cps
Lead	208-1	92264298	93841827	94392177	93499434	1.18	cps
Lithium	6-1	1914656	1891600	1908870	1905042	0.63	cps
Magnesium	24-2	101857762	102315538	102084452	102085917	0.22	cps
Manganese	55-2	18456802	18425167	18399521	18427163	0.16	cps
Molybdenum	94-1	19917157	19952988	19840499	19903548	0.29	cps
Molybdenum	95-1	28913531	29015642	28959539	28962904	0.18	cps
Molybdenum	96-1	32067867	31995852	32205922	32089880	0.33	cps
Molybdenum	97-1	18207407	18133536	18085712	18142218	0.34	cps
Molybdenum	98-1	46470124	46698066	46732331	46633507	0.31	cps
Neodymium	150-1	530	453	437	473	10.52	cps
Neodymium	150-2	140	157	153	150	5.88	cps
Nickel	60-2	818595	818717	820868	819393	0.16	cps
Phosphorus	31-2	119871	118239	119471	119194	0.71	cps
Potassium	39-2	66154516	66101796	66454059	66236790	0.29	cps
Rhodium	103-1	10235367	10139518	10139869	10171585	0.54	cps
Rhodium	103-2	6115274	6185806	6097081	6132720	0.76	cps
Scandium	45-1	6334314	6260614	6271055	6288661	0.63	cps
Scandium	45-2	550505	551401	551203	551037	0.09	cps
Selenium	82-1	84602	85077	84673	84784	0.30	cps
Selenium	77-2	9050	9046	9386	9161	2.13	cps
Selenium	78-2	30992	31086	31143	31074	0.24	cps
Silicon	28-1	7436469	7517248	7444695	7466138	0.60	cps
Silver	107-1	7129701	7145860	7109471	7128344	0.26	cps
Silver	109-1	6827824	6810305	6808974	6815701	0.15	cps
Sodium	23-2	165743188	167750991	167633121	167042433	0.67	cps
Strontium	86-1	1835564	1871858	1810708	1839377	1.67	cps
Strontium	88-1	15874854	16137080	16105577	16039170	0.89	cps
Sulfur	34-1	553818	550875	555052	553248	0.39	cps
Terbium	159-1	15671791	15472116	15770239	15638049	0.97	cps
Terbium	159-2	10999154	11066244	10760498	10941965	1.47	cps
Thallium	203-1	5873106	5927100	5979408	5926538	0.90	cps
Thallium	205-1	13718274	13909447	14031258	13886327	1.14	cps
Tin	118-1	4794546	4858438	4851025	4834670	0.72	cps
Titanium	47-1	6994246	6941187	6896458	6943963	0.70	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:01:58	DataFile Name :	059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18391485	18439593	18531553	18454210	0.39	cps
Vanadium	51-2	2019383	2002342	2010166	2010630	0.42	cps
Yttrium	89-1	17763409	17955871	17850462	17856580	0.54	cps
Yttrium	89-2	4911189	4994362	4972240	4959264	0.87	cps
Zinc	66-2	4156022	4111223	4117674	4128306	0.59	cps
Zirconium	90-1	9778352	10002237	9813852	9864814	1.22	cps
Zirconium	91-1	2147343	2208975	2181686	2179335	1.42	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:11:22	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	287	263	254	14.72	cps
Antimony	121-1	347	407	307	353	14.24	cps
Arsenic	75-2	3	10	3	6	69.34	cps
Barium	135-1	50	53	33	46	23.52	cps
Barium	137-1	100	107	100	102	3.77	cps
Beryllium	9-1	97	77	93	89	12.05	cps
Bismuth	209-1	9623115	9722222	9735770	9693702	0.63	cps
Bismuth	209-2	8321512	8364676	8252853	8313013	0.68	cps
Bromine	81-1	13857	14194	14354	14135	1.80	cps
Bromine	81-2	263	230	267	253	8.00	cps
Cadmium	108-1	17	10	3	10	66.70	cps
Cadmium	106-1	4534	4444	4394	4457	1.59	cps
Cadmium	111-1	952	905	893	917	3.38	cps
Calcium	43-1	243	247	200	230	11.32	cps
Calcium	44-1	6985	6848	6682	6838	2.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2030	1933	2220	2061	7.08	cps
Cobalt	59-2	140	177	147	154	12.65	cps
Copper	63-2	1393	1420	1417	1410	1.03	cps
Dysprosium	156-1	10	13	17	13	25.01	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	97	73	90	87	13.87	cps
Erbium	164-2	57	63	43	54	18.71	cps
Gadolinium	160-1	57	53	60	57	5.89	cps
Gadolinium	160-2	647	610	623	627	2.96	cps
Holmium	165-1	15767294	15888210	15636521	15764008	0.80	cps
Holmium	165-2	11599187	11555342	11431014	11528514	0.76	cps
Indium	115-1	12764843	12778855	12817196	12786965	0.21	cps
Indium	115-2	4877360	4857462	4848959	4861260	0.30	cps
Iron	56-2	21222	21746	21712	21560	1.36	cps
Iron	57-2	1130	1047	1080	1086	3.86	cps
Iron	54-2	2580	2647	2624	2617	1.29	cps
Krypton	83-1	203	157	167	176	14.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:11:22	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	640	620	660	640	3.12	cps
Lead	207-1	500	450	513	488	6.85	cps
Lead	208-1	2307	2427	2533	2422	4.68	cps
Lithium	6-1	2026692	2052963	2020275	2033310	0.85	cps
Magnesium	24-2	980	947	897	941	4.46	cps
Manganese	55-2	333	363	297	331	10.08	cps
Molybdenum	94-1	477	607	497	527	13.29	cps
Molybdenum	95-1	367	340	343	350	4.15	cps
Molybdenum	96-1	437	463	457	452	3.07	cps
Molybdenum	97-1	253	253	253	253	0.00	cps
Molybdenum	98-1	640	587	600	609	4.56	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	597	617	703	639	8.88	cps
Phosphorus	31-2	150	130	107	129	16.83	cps
Potassium	39-2	54490	53955	53554	54000	0.87	cps
Rhodium	103-1	11743166	11639511	11663232	11681970	0.46	cps
Rhodium	103-2	7171133	7131621	7143254	7148669	0.28	cps
Scandium	45-1	6763016	6714136	6715368	6730840	0.41	cps
Scandium	45-2	594187	597682	594947	595605	0.31	cps
Selenium	82-1	102	141	121	121	16.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	470	473	450	464	2.72	cps
Silicon	28-1	543818	551047	545882	546915	0.68	cps
Silver	107-1	257	213	193	221	14.64	cps
Silver	109-1	133	107	123	121	11.12	cps
Sodium	23-2	23805	24329	24206	24113	1.14	cps
Strontium	86-1	317	290	353	320	9.94	cps
Strontium	88-1	230	240	227	232	2.99	cps
Sulfur	34-1	180738	180374	179730	180281	0.28	cps
Terbium	159-1	16237166	16192552	16408788	16279502	0.70	cps
Terbium	159-2	11371314	11393245	11207071	11323877	0.90	cps
Thallium	203-1	643	590	640	624	4.78	cps
Thallium	205-1	1500	1507	1603	1537	3.76	cps
Tin	118-1	1333	1243	1213	1263	4.94	cps
Titanium	47-1	110	87	123	107	17.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:11:22	DataFile Name :	062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	13	40	29	48.05	cps
Vanadium	51-2	30	20	10	20	50.00	cps
Yttrium	89-1	19145541	19074122	18968518	19062727	0.47	cps
Yttrium	89-2	5374492	5315153	5294156	5327934	0.78	cps
Zinc	66-2	227	280	333	280	19.05	cps
Zirconium	90-1	760	893	793	816	8.51	cps
Zirconium	91-1	217	173	153	181	17.87	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BL	Instrumnet Name :	P7
Client Sample ID :	PBS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:14:43	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207	210	203	207	1.61	cps
Antimony	121-1	193	230	313	246	25.04	cps
Arsenic	75-2	17	0	10	9	94.38	cps
Barium	135-1	47	73	60	60	22.22	cps
Barium	137-1	127	100	107	111	12.49	cps
Beryllium	9-1	83	80	103	89	14.20	cps
Bismuth	209-1	9708964	9732295	9653292	9698184	0.42	cps
Bismuth	209-2	8350378	8239346	8313811	8301178	0.68	cps
Bromine	81-1	14080	14347	14791	14406	2.49	cps
Bromine	81-2	137	157	167	153	9.96	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	4774	4617	4654	4682	1.75	cps
Cadmium	111-1	962	930	934	942	1.87	cps
Calcium	43-1	313	267	270	283	9.19	cps
Calcium	44-1	6662	6868	6825	6785	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1360	1313	1347	1340	1.79	cps
Cobalt	59-2	133	123	143	133	7.50	cps
Copper	63-2	1233	1170	1287	1230	4.75	cps
Dysprosium	156-1	20	13	13	16	24.76	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	53	97	73	74	29.14	cps
Erbium	164-2	60	50	70	60	16.67	cps
Gadolinium	160-1	50	37	60	49	23.94	cps
Gadolinium	160-2	650	670	667	662	1.62	cps
Holmium	165-1	15659206	15617477	15607469	15628051	0.18	cps
Holmium	165-2	11615600	11536604	11527872	11560025	0.42	cps
Indium	115-1	12720856	12790397	12714569	12741941	0.33	cps
Indium	115-2	4939993	4914311	4866705	4907003	0.76	cps
Iron	56-2	18211	18335	18445	18330	0.64	cps
Iron	57-2	1037	993	1073	1034	3.87	cps
Iron	54-2	2430	2374	2537	2447	3.39	cps
Krypton	83-1	217	220	237	224	4.77	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BL	Instrumnet Name :	P7
Client Sample ID :	PBS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:14:43	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	707	627	560	631	11.64	cps
Lead	207-1	487	557	477	507	8.60	cps
Lead	208-1	2410	2363	2340	2371	1.50	cps
Lithium	6-1	2006679	1998697	1998386	2001254	0.23	cps
Magnesium	24-2	920	707	900	842	13.99	cps
Manganese	55-2	653	703	657	671	4.17	cps
Molybdenum	94-1	457	363	403	408	11.48	cps
Molybdenum	95-1	230	233	240	234	2.17	cps
Molybdenum	96-1	267	300	300	289	6.66	cps
Molybdenum	97-1	180	137	150	156	14.27	cps
Molybdenum	98-1	360	353	390	368	5.31	cps
Neodymium	150-1	10	7	20	12	56.76	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	463	430	477	457	5.26	cps
Phosphorus	31-2	183	150	150	161	11.95	cps
Potassium	39-2	55658	53330	55320	54769	2.30	cps
Rhodium	103-1	11766098	11824523	11774204	11788275	0.27	cps
Rhodium	103-2	7209889	7184239	7193029	7195719	0.18	cps
Scandium	45-1	6841256	6828111	6788297	6819222	0.40	cps
Scandium	45-2	609071	604287	602216	605191	0.58	cps
Selenium	82-1	149	152	129	143	8.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	443	433	383	420	7.65	cps
Silicon	28-1	570786	573291	572731	572269	0.23	cps
Silver	107-1	160	177	110	149	23.30	cps
Silver	109-1	160	113	93	122	27.99	cps
Sodium	23-2	20988	20657	20617	20754	0.98	cps
Strontium	86-1	343	330	350	341	2.99	cps
Strontium	88-1	317	330	300	316	4.76	cps
Sulfur	34-1	182313	184911	184671	183965	0.78	cps
Terbium	159-1	16211517	16210485	15984803	16135602	0.81	cps
Terbium	159-2	11318719	11193383	11350058	11287387	0.73	cps
Thallium	203-1	517	477	567	520	8.67	cps
Thallium	205-1	1310	1457	1467	1411	6.22	cps
Tin	118-1	1650	1360	1493	1501	9.67	cps
Titanium	47-1	87	57	67	70	21.82	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BL	Instrumnet Name :	P7
Client Sample ID :	PBS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:14:43	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	30	17	19	53.91	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	18939109	19248032	19335068	19174070	1.09	cps
Yttrium	89-2	5402108	5373351	5392441	5389300	0.27	cps
Zinc	66-2	283	280	303	289	4.37	cps
Zirconium	90-1	760	763	863	796	7.38	cps
Zirconium	91-1	120	143	193	152	24.61	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BS	Instrumnet Name :	P7
Client Sample ID :	LCS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:18:03	DataFile Name :	064LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10957	10911	10831	10900	0.59	cps
Antimony	121-1	46746	46398	46809	46651	0.47	cps
Arsenic	75-2	1353	1440	1300	1365	5.18	cps
Barium	135-1	57964	57227	57134	57442	0.79	cps
Barium	137-1	100441	99348	99005	99598	0.75	cps
Beryllium	9-1	3120	3204	2987	3104	3.52	cps
Bismuth	209-1	9528337	9662512	9689463	9626771	0.90	cps
Bismuth	209-2	8277848	8225464	8145359	8216224	0.81	cps
Bromine	81-1	14240	14671	13847	14253	2.89	cps
Bromine	81-2	130	150	107	129	16.83	cps
Cadmium	108-1	520	447	440	469	9.47	cps
Cadmium	106-1	5538	5188	5018	5248	5.05	cps
Cadmium	111-1	7082	7260	7298	7214	1.60	cps
Calcium	43-1	31837	31162	31062	31354	1.34	cps
Calcium	44-1	507102	507642	509033	507926	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19813	19279	19079	19390	1.96	cps
Cobalt	59-2	15161	15561	15038	15253	1.80	cps
Copper	63-2	22537	22604	22841	22661	0.70	cps
Dysprosium	156-1	7	10	3	7	50.03	cps
Dysprosium	156-2	23	17	3	14	70.51	cps
Erbium	164-1	67	70	97	78	21.14	cps
Erbium	164-2	70	70	63	68	5.68	cps
Gadolinium	160-1	47	37	47	43	13.32	cps
Gadolinium	160-2	710	683	680	691	2.38	cps
Holmium	165-1	15841181	15643098	15663934	15716071	0.69	cps
Holmium	165-2	11397386	11501527	11453832	11450915	0.46	cps
Indium	115-1	12690050	12724874	12852915	12755947	0.67	cps
Indium	115-2	4946220	4943750	4903744	4931238	0.48	cps
Iron	56-2	1850331	1823109	1810288	1827909	1.12	cps
Iron	57-2	46890	45736	46629	46418	1.30	cps
Iron	54-2	103083	102922	101405	102470	0.90	cps
Krypton	83-1	170	210	200	193	10.77	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BS	Instrumnet Name :	P7
Client Sample ID :	LCS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:18:03	DataFile Name :	064LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17892	18429	18019	18113	1.55	cps
Lead	207-1	15839	16080	16307	16075	1.45	cps
Lead	208-1	71694	72753	72883	72443	0.90	cps
Lithium	6-1	2016128	2020135	1996854	2011039	0.62	cps
Magnesium	24-2	403056	403665	402980	403234	0.09	cps
Manganese	55-2	8272	8416	8529	8406	1.53	cps
Molybdenum	94-1	46032	46119	46654	46268	0.73	cps
Molybdenum	95-1	56214	57365	57221	56933	1.10	cps
Molybdenum	96-1	63232	64049	63634	63639	0.64	cps
Molybdenum	97-1	35142	34918	35239	35100	0.47	cps
Molybdenum	98-1	91300	91534	92326	91720	0.59	cps
Neodymium	150-1	10	23	3	12	83.33	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	4277	4217	4114	4203	1.97	cps
Phosphorus	31-2	787	707	800	764	6.60	cps
Potassium	39-2	620633	623641	621666	621980	0.25	cps
Rhodium	103-1	11775642	11915476	11889667	11860262	0.63	cps
Rhodium	103-2	7216679	7191695	7198889	7202421	0.18	cps
Scandium	45-1	6833367	6919244	6898910	6883840	0.65	cps
Scandium	45-2	616211	614834	608983	613343	0.63	cps
Selenium	82-1	2048	2037	1913	1999	3.75	cps
Selenium	77-2	227	247	197	223	11.27	cps
Selenium	78-2	1027	1307	1127	1153	12.30	cps
Silicon	28-1	691283	698085	702870	697412	0.83	cps
Silver	107-1	29189	29781	29350	29440	1.04	cps
Silver	109-1	27763	28268	28164	28065	0.95	cps
Sodium	23-2	665755	661205	662916	663292	0.35	cps
Strontium	86-1	7779	7765	7585	7710	1.40	cps
Strontium	88-1	64471	63412	64149	64011	0.85	cps
Sulfur	34-1	187016	189624	190036	188892	0.87	cps
Terbium	159-1	15869344	16186243	16150041	16068543	1.08	cps
Terbium	159-2	11402202	11354508	11306195	11354301	0.42	cps
Thallium	203-1	22161	22519	22412	22364	0.82	cps
Thallium	205-1	52999	53832	52973	53268	0.92	cps
Tin	118-1	97648	98067	98155	97957	0.28	cps
Titanium	47-1	3504	3594	3454	3517	2.02	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165867BS	Instrumnet Name :	P7
Client Sample ID :	LCS867	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:18:03	DataFile Name :	064LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62844	62808	64224	63292	1.28	cps
Vanadium	51-2	42132	41544	41477	41717	0.86	cps
Yttrium	89-1	19086561	19322173	19457936	19288890	0.97	cps
Yttrium	89-2	5514608	5453476	5412818	5460301	0.94	cps
Zinc	66-2	9817	10007	9670	9831	1.72	cps
Zirconium	90-1	39052	39252	38818	39041	0.56	cps
Zirconium	91-1	8643	8386	8839	8623	2.64	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BL	Instrumnet Name :	P7
Client Sample ID :	PBS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:21:27	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270	303	337	303	10.99	cps
Antimony	121-1	107	163	110	127	25.11	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	93	87	60	80	22.05	cps
Barium	137-1	73	90	113	92	21.79	cps
Beryllium	9-1	83	63	90	79	17.59	cps
Bismuth	209-1	9642158	9593479	9560013	9598550	0.43	cps
Bismuth	209-2	8165900	8188169	8345820	8233296	1.19	cps
Bromine	81-1	14434	14704	14424	14521	1.09	cps
Bromine	81-2	93	140	167	133	27.84	cps
Cadmium	108-1	10	7	20	12	56.76	cps
Cadmium	106-1	4874	4651	4501	4675	4.02	cps
Cadmium	111-1	981	952	910	948	3.80	cps
Calcium	43-1	273	277	220	257	12.39	cps
Calcium	44-1	7158	6905	6998	7021	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1503	1347	1367	1406	6.07	cps
Cobalt	59-2	123	113	153	130	16.02	cps
Copper	63-2	1137	1237	1097	1157	6.23	cps
Dysprosium	156-1	0	13	17	10	88.20	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	83	53	53	63	27.35	cps
Erbium	164-2	57	47	57	53	10.82	cps
Gadolinium	160-1	67	43	57	56	21.08	cps
Gadolinium	160-2	630	693	657	660	4.82	cps
Holmium	165-1	15515242	15676858	15551347	15581149	0.54	cps
Holmium	165-2	11428249	11422244	11428307	11426267	0.03	cps
Indium	115-1	12855686	12749039	12870263	12824996	0.52	cps
Indium	115-2	4979318	4926441	4959258	4955006	0.54	cps
Iron	56-2	19196	19666	19269	19377	1.31	cps
Iron	57-2	1040	1093	1147	1093	4.88	cps
Iron	54-2	2437	2444	2460	2447	0.49	cps
Krypton	83-1	227	213	223	221	3.14	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BL	Instrumnet Name :	P7
Client Sample ID :	PBS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:21:27	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	557	583	553	564	2.91	cps
Lead	207-1	570	490	460	507	11.22	cps
Lead	208-1	2387	2257	2100	2248	6.39	cps
Lithium	6-1	1998879	2022482	1984651	2002004	0.95	cps
Magnesium	24-2	870	920	917	902	3.10	cps
Manganese	55-2	603	667	687	652	6.67	cps
Molybdenum	94-1	1380	1387	1380	1382	0.28	cps
Molybdenum	95-1	230	213	123	189	30.38	cps
Molybdenum	96-1	533	453	440	476	10.61	cps
Molybdenum	97-1	130	147	143	140	6.30	cps
Molybdenum	98-1	360	343	363	356	3.01	cps
Neodymium	150-1	13	0	10	8	89.21	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	480	430	450	453	5.55	cps
Phosphorus	31-2	160	140	143	148	7.25	cps
Potassium	39-2	56156	56287	56036	56160	0.22	cps
Rhodium	103-1	12029659	11813890	11827523	11890357	1.02	cps
Rhodium	103-2	7339319	7181274	7193853	7238149	1.21	cps
Scandium	45-1	7007462	6932011	6928830	6956101	0.64	cps
Scandium	45-2	618461	617469	612675	616202	0.50	cps
Selenium	82-1	129	127	116	124	5.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	473	453	443	457	3.35	cps
Silicon	28-1	598698	599784	599169	599217	0.09	cps
Silver	107-1	343	310	270	308	11.93	cps
Silver	109-1	250	230	180	220	16.39	cps
Sodium	23-2	20056	19820	20073	19983	0.71	cps
Strontium	86-1	333	357	380	357	6.54	cps
Strontium	88-1	383	363	287	344	14.81	cps
Sulfur	34-1	189121	187394	188956	188491	0.51	cps
Terbium	159-1	15988541	16225750	16026789	16080360	0.79	cps
Terbium	159-2	11344707	11418538	11217211	11326818	0.90	cps
Thallium	203-1	577	530	543	550	4.37	cps
Thallium	205-1	1237	1230	1320	1262	3.97	cps
Tin	118-1	1647	1593	1557	1599	2.83	cps
Titanium	47-1	100	90	77	89	13.17	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BL	Instrumnet Name :	P7
Client Sample ID :	PBS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:21:27	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	37	43	34	29.57	cps
Vanadium	51-2	10	30	30	23	49.49	cps
Yttrium	89-1	19400684	19360630	19579354	19446889	0.60	cps
Yttrium	89-2	5488036	5408661	5396076	5430924	0.92	cps
Zinc	66-2	297	320	267	294	9.08	cps
Zirconium	90-1	3687	3600	3650	3646	1.19	cps
Zirconium	91-1	777	763	837	792	4.93	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BS	Instrumnet Name :	P7
Client Sample ID :	LCS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:24:46	DataFile Name :	066LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12342	12195	12035	12190	1.26	cps
Antimony	121-1	50742	52442	52382	51855	1.86	cps
Arsenic	75-2	1463	1477	1580	1507	4.24	cps
Barium	135-1	63625	64106	63785	63839	0.38	cps
Barium	137-1	110609	111127	111012	110916	0.25	cps
Beryllium	9-1	3390	3430	3367	3396	0.94	cps
Bismuth	209-1	9788862	9600347	9482863	9624024	1.60	cps
Bismuth	209-2	8331293	8348859	8377059	8352404	0.28	cps
Bromine	81-1	14908	14951	14898	14919	0.19	cps
Bromine	81-2	133	140	147	140	4.76	cps
Cadmium	108-1	527	430	460	472	10.48	cps
Cadmium	106-1	5638	5514	5161	5438	4.55	cps
Cadmium	111-1	7714	7890	8156	7920	2.81	cps
Calcium	43-1	34930	34800	35401	35044	0.90	cps
Calcium	44-1	563358	566692	566831	565627	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22410	21919	21752	22027	1.55	cps
Cobalt	59-2	16769	17070	17427	17089	1.93	cps
Copper	63-2	25442	25876	26063	25793	1.24	cps
Dysprosium	156-1	23	17	13	18	28.64	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	97	70	60	76	25.09	cps
Erbium	164-2	67	57	53	59	11.79	cps
Gadolinium	160-1	107	43	53	68	50.24	cps
Gadolinium	160-2	663	640	707	670	5.05	cps
Holmium	165-1	15926660	15694949	15550318	15723976	1.21	cps
Holmium	165-2	11696714	11636246	11535821	11622927	0.70	cps
Indium	115-1	13151808	12962746	12843980	12986178	1.20	cps
Indium	115-2	4983864	4978855	4948114	4970278	0.39	cps
Iron	56-2	2050830	2085838	2041860	2059510	1.13	cps
Iron	57-2	52254	52558	52973	52595	0.69	cps
Iron	54-2	115122	113792	114336	114417	0.58	cps
Krypton	83-1	183	177	200	187	6.44	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BS	Instrumnet Name :	P7
Client Sample ID :	LCS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:24:46	DataFile Name :	066LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19958	19868	20192	20006	0.84	cps
Lead	207-1	17017	17168	17518	17234	1.49	cps
Lead	208-1	78663	78726	79788	79059	0.80	cps
Lithium	6-1	2067256	2013075	2024132	2034821	1.41	cps
Magnesium	24-2	454523	453673	452288	453495	0.25	cps
Manganese	55-2	9413	9286	9136	9278	1.49	cps
Molybdenum	94-1	52045	52651	52614	52437	0.65	cps
Molybdenum	95-1	62650	63657	63534	63280	0.87	cps
Molybdenum	96-1	69866	70740	70552	70386	0.65	cps
Molybdenum	97-1	39189	39904	40045	39713	1.16	cps
Molybdenum	98-1	100516	102295	102732	101847	1.15	cps
Neodymium	150-1	0	17	3	7	132.33	cps
Neodymium	150-2	10	0	23	11	105.35	cps
Nickel	60-2	4908	4804	4894	4869	1.15	cps
Phosphorus	31-2	910	877	907	898	2.05	cps
Potassium	39-2	700326	695599	695769	697231	0.38	cps
Rhodium	103-1	12291851	11955759	12040941	12096184	1.44	cps
Rhodium	103-2	7399902	7331950	7350495	7360783	0.48	cps
Scandium	45-1	7104355	6953312	7036471	7031380	1.08	cps
Scandium	45-2	632209	625880	633044	630378	0.62	cps
Selenium	82-1	2177	2245	2139	2187	2.46	cps
Selenium	77-2	230	177	203	203	13.11	cps
Selenium	78-2	1147	1197	1283	1209	5.72	cps
Silicon	28-1	731495	732658	736027	733394	0.32	cps
Silver	107-1	32012	32880	33686	32859	2.55	cps
Silver	109-1	31257	31788	31611	31552	0.86	cps
Sodium	23-2	742543	738906	742044	741165	0.27	cps
Strontium	86-1	8469	8553	8342	8455	1.25	cps
Strontium	88-1	70779	70960	70243	70661	0.53	cps
Sulfur	34-1	190688	193177	193559	192475	0.81	cps
Terbium	159-1	16442794	16084303	16210747	16245948	1.12	cps
Terbium	159-2	11398333	11480858	11361794	11413662	0.53	cps
Thallium	203-1	24509	24358	24265	24377	0.50	cps
Thallium	205-1	57009	57876	57762	57549	0.82	cps
Tin	118-1	107924	108622	108824	108457	0.44	cps
Titanium	47-1	3647	3757	3931	3778	3.78	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	PB165866BS	Instrumnet Name :	P7
Client Sample ID :	LCS866	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:24:46	DataFile Name :	066LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68650	67962	69387	68666	1.04	cps
Vanadium	51-2	47388	46979	47317	47228	0.46	cps
Yttrium	89-1	19947942	19585548	19443395	19658962	1.32	cps
Yttrium	89-2	5593787	5533469	5537724	5554993	0.61	cps
Zinc	66-2	11034	11088	10971	11031	0.53	cps
Zirconium	90-1	43023	43812	43427	43421	0.91	cps
Zirconium	91-1	9220	9533	9647	9466	2.34	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:28:09	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8592154	8562263	8606889	8587102	0.26	cps
Antimony	121-1	2410	2524	2347	2427	3.69	cps
Arsenic	75-2	5544	5865	5514	5641	3.44	cps
Barium	135-1	326443	330487	333674	330201	1.10	cps
Barium	137-1	565427	576702	575571	572567	1.08	cps
Beryllium	9-1	1667	1680	1703	1683	1.10	cps
Bismuth	209-1	10086952	10064829	9737165	9962982	1.97	cps
Bismuth	209-2	8693505	8503304	8565928	8587579	1.13	cps
Bromine	81-1	20070	20377	20958	20469	2.20	cps
Bromine	81-2	1293	1240	1217	1250	3.14	cps
Cadmium	108-1	203	163	160	176	13.74	cps
Cadmium	106-1	5424	5544	5448	5472	1.16	cps
Cadmium	111-1	2000	2118	2097	2072	3.03	cps
Calcium	43-1	446072	452587	453757	450806	0.92	cps
Calcium	44-1	7044017	7088566	7098521	7077035	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170336	168486	168698	169173	0.60	cps
Cobalt	59-2	278170	275088	275685	276315	0.59	cps
Copper	63-2	576904	568749	575352	573668	0.75	cps
Dysprosium	156-1	48718	49383	49249	49117	0.72	cps
Dysprosium	156-2	42116	41972	42293	42127	0.38	cps
Erbium	164-1	49882	50484	50009	50125	0.63	cps
Erbium	164-2	36087	36909	37159	36718	1.53	cps
Gadolinium	160-1	47437	48935	49229	48534	1.98	cps
Gadolinium	160-2	37804	37774	37787	37789	0.04	cps
Holmium	165-1	16691810	16597754	16603225	16630929	0.32	cps
Holmium	165-2	12196354	12249846	12177482	12207894	0.31	cps
Indium	115-1	13346182	13412576	13452316	13403691	0.40	cps
Indium	115-2	5256726	5143970	5148810	5183169	1.23	cps
Iron	56-2	262965843	258214323	261026469	260735545	0.92	cps
Iron	57-2	6511736	6427430	6392637	6443934	0.95	cps
Iron	54-2	14312344	14002547	14163987	14159626	1.09	cps
Krypton	83-1	253	280	297	277	7.90	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:28:09	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	935821	953877	955634	948444	1.16	cps
Lead	207-1	783150	795763	795298	791403	0.90	cps
Lead	208-1	3773355	3812385	3809976	3798572	0.58	cps
Lithium	6-1	2101990	2138407	2081280	2107226	1.37	cps
Magnesium	24-2	6757456	6641939	6749908	6716434	0.96	cps
Manganese	55-2	3844874	3790766	3800253	3811964	0.76	cps
Molybdenum	94-1	47498	48240	47671	47803	0.81	cps
Molybdenum	95-1	6957	5798	5461	6072	12.92	cps
Molybdenum	96-1	17666	16252	16179	16699	5.02	cps
Molybdenum	97-1	4024	3674	3694	3797	5.18	cps
Molybdenum	98-1	9829	8973	8709	9170	6.38	cps
Neodymium	150-1	71064	72354	71963	71794	0.92	cps
Neodymium	150-2	45383	45426	45088	45299	0.41	cps
Nickel	60-2	87004	86427	84459	85963	1.55	cps
Phosphorus	31-2	11608	12005	11511	11708	2.23	cps
Potassium	39-2	671834	666586	665313	667911	0.52	cps
Rhodium	103-1	12533604	12591239	12578677	12567840	0.24	cps
Rhodium	103-2	7703746	7595897	7632970	7644204	0.72	cps
Scandium	45-1	7599035	7710138	7697512	7668895	0.79	cps
Scandium	45-2	690733	685534	684826	687031	0.47	cps
Selenium	82-1	275	202	257	244	15.64	cps
Selenium	77-2	120	140	113	124	11.15	cps
Selenium	78-2	520	637	660	606	12.39	cps
Silicon	28-1	12918321	13266860	13256101	13147094	1.51	cps
Silver	107-1	2887	2117	1837	2280	23.85	cps
Silver	109-1	2637	1723	1530	1963	30.11	cps
Sodium	23-2	217498	215851	217210	216853	0.41	cps
Strontium	86-1	301936	303788	308288	304671	1.07	cps
Strontium	88-1	2698510	2756887	2777890	2744429	1.50	cps
Sulfur	34-1	187269	183557	180127	183651	1.94	cps
Terbium	159-1	17139288	17303606	16926451	17123115	1.10	cps
Terbium	159-2	12028077	11890986	11984514	11967859	0.59	cps
Thallium	203-1	2944	2557	2687	2729	7.21	cps
Thallium	205-1	7245	6328	6025	6533	9.73	cps
Tin	118-1	21269	21249	20855	21124	1.10	cps
Titanium	47-1	411972	407882	411804	410553	0.56	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:28:09	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38238	38649	37947	38278	0.92	cps
Vanadium	51-2	584500	578251	582313	581688	0.55	cps
Yttrium	89-1	21141965	21668667	21563030	21457887	1.30	cps
Yttrium	89-2	6105083	5962033	6019383	6028833	1.19	cps
Zinc	66-2	126574	126449	126197	126407	0.15	cps
Zirconium	90-1	117781	121519	121182	120161	1.72	cps
Zirconium	91-1	26448	26327	26397	26391	0.23	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:31:20	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8317629	8496515	8409537	8407894	1.06	cps
Antimony	121-1	2584	2457	2560	2534	2.66	cps
Arsenic	75-2	5905	5631	5848	5795	2.49	cps
Barium	135-1	327164	332588	330827	330193	0.84	cps
Barium	137-1	583514	573503	575858	577625	0.91	cps
Beryllium	9-1	1697	1713	1710	1707	0.52	cps
Bismuth	209-1	10016295	10004432	9904243	9974990	0.62	cps
Bismuth	209-2	8534356	8529382	8486239	8516659	0.31	cps
Bromine	81-1	19720	20080	20821	20207	2.78	cps
Bromine	81-2	1257	1330	1193	1260	5.43	cps
Cadmium	108-1	167	200	180	182	9.21	cps
Cadmium	106-1	5351	5191	5474	5339	2.66	cps
Cadmium	111-1	2079	2030	2016	2041	1.61	cps
Calcium	43-1	447242	445048	444244	445511	0.35	cps
Calcium	44-1	6961226	7033886	7001088	6998733	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166433	165402	165123	165653	0.42	cps
Cobalt	59-2	271264	271334	271399	271332	0.03	cps
Copper	63-2	563735	568546	568378	566886	0.48	cps
Dysprosium	156-1	49002	49350	49885	49412	0.90	cps
Dysprosium	156-2	41545	42190	42086	41940	0.83	cps
Erbium	164-1	49196	49698	50143	49679	0.95	cps
Erbium	164-2	36655	36103	35635	36131	1.41	cps
Gadolinium	160-1	49059	48647	48306	48671	0.77	cps
Gadolinium	160-2	36304	37216	37269	36930	1.47	cps
Holmium	165-1	16910997	16794731	16722959	16809563	0.56	cps
Holmium	165-2	12101192	12161050	12164233	12142158	0.29	cps
Indium	115-1	13516626	13606365	13570043	13564345	0.33	cps
Indium	115-2	5148163	5178939	5165618	5164240	0.30	cps
Iron	56-2	256071270	257608589	254780116	256153325	0.55	cps
Iron	57-2	6382731	6323665	6344979	6350458	0.47	cps
Iron	54-2	13988962	14031178	13940098	13986746	0.33	cps
Krypton	83-1	247	310	280	279	11.36	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:31:20	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	944526	955400	954323	951416	0.63	cps
Lead	207-1	795311	810299	799800	801803	0.96	cps
Lead	208-1	3791773	3870333	3820091	3827399	1.04	cps
Lithium	6-1	2109565	2082694	2050874	2081044	1.41	cps
Magnesium	24-2	6530340	6603811	6549391	6561180	0.58	cps
Manganese	55-2	3719990	3748328	3718690	3729003	0.45	cps
Molybdenum	94-1	45584	47952	47039	46858	2.55	cps
Molybdenum	95-1	5588	5454	5461	5501	1.37	cps
Molybdenum	96-1	16226	16286	16313	16275	0.27	cps
Molybdenum	97-1	3460	3494	3574	3509	1.66	cps
Molybdenum	98-1	8406	8893	8879	8726	3.18	cps
Neodymium	150-1	72646	72482	73135	72754	0.47	cps
Neodymium	150-2	44339	44998	43932	44423	1.21	cps
Nickel	60-2	84976	84948	83883	84602	0.74	cps
Phosphorus	31-2	11558	11481	10827	11289	3.56	cps
Potassium	39-2	659918	658317	650278	656171	0.79	cps
Rhodium	103-1	12688579	12597310	12551886	12612591	0.55	cps
Rhodium	103-2	7648269	7710062	7599564	7652632	0.72	cps
Scandium	45-1	7620421	7675594	7573236	7623083	0.67	cps
Scandium	45-2	678035	683638	672215	677963	0.84	cps
Selenium	82-1	337	279	208	275	23.62	cps
Selenium	77-2	127	147	130	134	7.97	cps
Selenium	78-2	527	520	653	567	13.26	cps
Silicon	28-1	13509982	13144992	13214305	13289760	1.46	cps
Silver	107-1	1477	1450	1323	1417	5.78	cps
Silver	109-1	1210	1237	1280	1242	2.84	cps
Sodium	23-2	215759	217389	216138	216429	0.39	cps
Strontium	86-1	304907	306032	304390	305109	0.28	cps
Strontium	88-1	2727145	2720804	2752744	2733565	0.62	cps
Sulfur	34-1	173047	170322	168198	170522	1.43	cps
Terbium	159-1	17530395	17315211	17299269	17381625	0.74	cps
Terbium	159-2	11865355	11966131	12030217	11953901	0.70	cps
Thallium	203-1	2204	2197	2374	2258	4.44	cps
Thallium	205-1	5411	5381	5535	5442	1.49	cps
Tin	118-1	20418	20995	21202	20872	1.95	cps
Titanium	47-1	401087	404076	400716	401960	0.46	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:31:20	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38345	38325	38743	38471	0.61	cps
Vanadium	51-2	576439	578811	572932	576060	0.51	cps
Yttrium	89-1	21618523	21504962	21533459	21552315	0.27	cps
Yttrium	89-2	6064083	5989241	5984057	6012460	0.74	cps
Zinc	66-2	124197	124141	124772	124370	0.28	cps
Zirconium	90-1	120543	120764	118702	120003	0.94	cps
Zirconium	91-1	26277	26150	26983	26470	1.69	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:34:33	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1593946	1592286	1603790	1596674	0.39	cps
Antimony	121-1	245492	245572	246265	245776	0.17	cps
Arsenic	75-2	1157	1113	1073	1114	3.74	cps
Barium	135-1	63785	62446	61904	62712	1.54	cps
Barium	137-1	109013	109759	108970	109248	0.41	cps
Beryllium	9-1	353	377	413	381	7.94	cps
Bismuth	209-1	9997939	9879373	9802514	9893275	1.00	cps
Bismuth	209-2	8455832	8461805	8417226	8444954	0.29	cps
Bromine	81-1	15281	16065	15879	15742	2.60	cps
Bromine	81-2	397	403	343	381	8.63	cps
Cadmium	108-1	20	53	60	44	48.22	cps
Cadmium	106-1	4727	4771	4761	4753	0.48	cps
Cadmium	111-1	1221	1167	1137	1175	3.64	cps
Calcium	43-1	85217	84098	83571	84295	1.00	cps
Calcium	44-1	1347905	1321213	1349587	1339568	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33196	32555	32024	32592	1.80	cps
Cobalt	59-2	51842	51240	50715	51266	1.10	cps
Copper	63-2	109033	109030	107734	108599	0.69	cps
Dysprosium	156-1	9557	9143	9370	9357	2.21	cps
Dysprosium	156-2	8136	7812	7936	7961	2.05	cps
Erbium	164-1	9276	9250	9230	9252	0.25	cps
Erbium	164-2	7099	6865	6802	6922	2.26	cps
Gadolinium	160-1	9236	9216	9086	9180	0.89	cps
Gadolinium	160-2	7739	7555	7786	7693	1.58	cps
Holmium	165-1	16239007	16374201	16482575	16365261	0.75	cps
Holmium	165-2	11791857	11792676	11876096	11820210	0.41	cps
Indium	115-1	13349847	13320539	13377333	13349240	0.21	cps
Indium	115-2	5064207	5078684	4988234	5043708	0.96	cps
Iron	56-2	48328324	48293048	48160379	48260584	0.18	cps
Iron	57-2	1208552	1211574	1208985	1209704	0.14	cps
Iron	54-2	2654242	2660921	2657118	2657427	0.13	cps
Krypton	83-1	210	183	203	199	6.98	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:34:33	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	181027	181562	181656	181415	0.19	cps
Lead	207-1	153227	153517	150558	152434	1.07	cps
Lead	208-1	703350	709324	699979	704218	0.67	cps
Lithium	6-1	2017221	2046331	2020435	2027996	0.79	cps
Magnesium	24-2	1227576	1229217	1224019	1226937	0.22	cps
Manganese	55-2	693841	691624	692015	692493	0.17	cps
Molybdenum	94-1	8973	8606	8249	8609	4.20	cps
Molybdenum	95-1	1187	1137	1210	1178	3.18	cps
Molybdenum	96-1	3277	3254	3267	3266	0.36	cps
Molybdenum	97-1	800	723	743	756	5.26	cps
Molybdenum	98-1	1827	2117	1993	1979	7.36	cps
Neodymium	150-1	13617	13950	13960	13842	1.41	cps
Neodymium	150-2	8346	8576	8676	8533	1.98	cps
Nickel	60-2	16309	16659	16049	16339	1.88	cps
Phosphorus	31-2	6065	5975	6015	6018	0.75	cps
Potassium	39-2	420357	417016	417067	418146	0.46	cps
Rhodium	103-1	12450511	12227987	12303764	12327421	0.92	cps
Rhodium	103-2	7391778	7452554	7466310	7436881	0.53	cps
Scandium	45-1	7294035	7144281	7190121	7209479	1.06	cps
Scandium	45-2	638006	634604	637644	636751	0.29	cps
Selenium	82-1	182	211	141	178	19.94	cps
Selenium	77-2	43	23	23	30	38.49	cps
Selenium	78-2	550	490	463	501	8.86	cps
Silicon	28-1	3300550	3074679	3035856	3137028	4.56	cps
Silver	107-1	377	363	330	357	6.74	cps
Silver	109-1	273	283	307	288	5.94	cps
Sodium	23-2	73675	72921	74124	73573	0.83	cps
Strontium	86-1	57950	57251	58342	57848	0.96	cps
Strontium	88-1	499388	497044	497585	498005	0.25	cps
Sulfur	34-1	156350	154734	153115	154733	1.05	cps
Terbium	159-1	16974351	16658729	16681449	16771510	1.05	cps
Terbium	159-2	11649119	11760749	11911490	11773786	1.12	cps
Thallium	203-1	793	640	717	717	10.70	cps
Thallium	205-1	1890	1753	1680	1775	6.01	cps
Tin	118-1	5208	5111	5244	5188	1.33	cps
Titanium	47-1	75354	75297	77319	75990	1.52	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:34:33	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7229	7322	7272	7274	0.64	cps
Vanadium	51-2	107996	107250	107630	107625	0.35	cps
Yttrium	89-1	20597071	20090470	20039298	20242280	1.52	cps
Yttrium	89-2	5624826	5659500	5570654	5618327	0.80	cps
Zinc	66-2	24657	23692	24457	24269	2.10	cps
Zirconium	90-1	21396	21676	21409	21494	0.74	cps
Zirconium	91-1	4314	4744	4677	4579	5.06	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:37:49	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8340603	8287302	8330716	8319540	0.34	cps
Antimony	121-1	2540	2377	2484	2467	3.36	cps
Arsenic	75-2	153568	152346	151648	152521	0.64	cps
Barium	135-1	1719543	1762590	1691210	1724447	2.08	cps
Barium	137-1	2982418	2973040	2929464	2961641	0.95	cps
Beryllium	9-1	17073	17904	17150	17375	2.64	cps
Bismuth	209-1	10184123	10358715	10104392	10215744	1.27	cps
Bismuth	209-2	8557520	8498081	8430296	8495299	0.75	cps
Bromine	81-1	19540	19763	19777	19693	0.68	cps
Bromine	81-2	1273	1217	1217	1236	2.65	cps
Cadmium	108-1	22377	23042	22828	22749	1.49	cps
Cadmium	106-1	36242	36402	36613	36419	0.51	cps
Cadmium	111-1	332039	331148	332321	331836	0.18	cps
Calcium	43-1	441268	445614	439644	442175	0.70	cps
Calcium	44-1	6918352	6928023	6864671	6903682	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	374273	375807	376201	375427	0.27	cps
Cobalt	59-2	1100660	1093070	1088697	1094142	0.55	cps
Copper	63-2	847238	848115	843200	846184	0.31	cps
Dysprosium	156-1	48828	48808	49457	49031	0.75	cps
Dysprosium	156-2	41531	41173	41468	41391	0.46	cps
Erbium	164-1	50394	50300	49437	50044	1.05	cps
Erbium	164-2	36511	36304	36554	36456	0.37	cps
Gadolinium	160-1	47965	48333	48049	48116	0.40	cps
Gadolinium	160-2	37152	36905	36601	36886	0.75	cps
Holmium	165-1	16927372	17105420	16759313	16930702	1.02	cps
Holmium	165-2	12149765	12012626	12033938	12065443	0.61	cps
Indium	115-1	13557924	13410359	13490986	13486423	0.55	cps
Indium	115-2	5153893	5124172	5126263	5134776	0.32	cps
Iron	56-2	255366096	254132203	252783636	254093978	0.51	cps
Iron	57-2	6216925	6221632	6217553	6218704	0.04	cps
Iron	54-2	13887628	13710564	13714413	13770868	0.73	cps
Krypton	83-1	243	297	337	292	16.02	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:37:49	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2762061	2828517	2812704	2801094	1.24	cps
Lead	207-1	2288017	2334246	2350996	2324419	1.40	cps
Lead	208-1	10727060	10870368	10830446	10809292	0.68	cps
Lithium	6-1	2058899	2118983	2067009	2081630	1.57	cps
Magnesium	24-2	6471938	6462399	6412156	6448831	0.50	cps
Manganese	55-2	4115860	4105831	4118801	4113498	0.17	cps
Molybdenum	94-1	54190	54250	53544	53995	0.72	cps
Molybdenum	95-1	18859	18585	18782	18742	0.75	cps
Molybdenum	96-1	29847	30632	29914	30131	1.44	cps
Molybdenum	97-1	11565	11468	11782	11605	1.38	cps
Molybdenum	98-1	29306	29914	29650	29623	1.03	cps
Neodymium	150-1	73011	72602	72377	72663	0.44	cps
Neodymium	150-2	44584	44714	44533	44610	0.21	cps
Nickel	60-2	292535	293864	291203	292534	0.45	cps
Phosphorus	31-2	11434	11254	11047	11245	1.72	cps
Potassium	39-2	643231	642949	642750	642977	0.04	cps
Rhodium	103-1	12501531	12486004	12523024	12503520	0.15	cps
Rhodium	103-2	7645602	7495118	7558614	7566445	1.00	cps
Scandium	45-1	7627091	7572283	7561226	7586867	0.46	cps
Scandium	45-2	675740	667751	668433	670641	0.66	cps
Selenium	82-1	46361	47200	47125	46895	0.99	cps
Selenium	77-2	5344	5581	5428	5451	2.20	cps
Selenium	78-2	17611	18218	17901	17910	1.70	cps
Silicon	28-1	12976862	13135459	13104702	13072341	0.64	cps
Silver	107-1	162070	167622	165754	165149	1.71	cps
Silver	109-1	154924	159082	158677	157561	1.46	cps
Sodium	23-2	211289	210580	213262	211710	0.66	cps
Strontium	86-1	299617	302998	303841	302152	0.74	cps
Strontium	88-1	2693830	2723455	2705556	2707614	0.55	cps
Sulfur	34-1	163454	161853	163406	162904	0.56	cps
Terbium	159-1	17389136	17280830	17124718	17264894	0.77	cps
Terbium	159-2	11974656	11936032	11986730	11965806	0.22	cps
Thallium	203-1	2343207	2339289	2353793	2345429	0.32	cps
Thallium	205-1	5526944	5649196	5635009	5603716	1.19	cps
Tin	118-1	20889	20989	20268	20715	1.89	cps
Titanium	47-1	396315	408571	399052	401312	1.60	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:37:49	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38071	38726	38596	38464	0.90	cps
Vanadium	51-2	1033422	1024189	1020863	1026158	0.63	cps
Yttrium	89-1	21614120	21719220	21314636	21549325	0.97	cps
Yttrium	89-2	5926511	5981921	5991181	5966537	0.59	cps
Zinc	66-2	227406	226440	225548	226464	0.41	cps
Zirconium	90-1	116736	118817	117987	117847	0.89	cps
Zirconium	91-1	25986	27555	27182	26908	3.05	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:40:56	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4528230	4527726	4581899	4545952	0.68	cps
Antimony	121-1	29250090	29313570	29322712	29295457	0.14	cps
Arsenic	75-2	4069385	3993692	4041459	4034845	0.95	cps
Barium	135-1	675877	684689	684550	681705	0.74	cps
Barium	137-1	1180417	1191553	1193080	1188350	0.58	cps
Beryllium	9-1	2187	2040	2090	2106	3.54	cps
Bismuth	209-1	10301440	10337091	10289286	10309273	0.24	cps
Bismuth	209-2	8705347	8698022	8668052	8690474	0.23	cps
Bromine	81-1	40061	42564	43490	42039	4.22	cps
Bromine	81-2	5988	5788	5821	5866	1.83	cps
Cadmium	108-1	3620	3674	3577	3624	1.34	cps
Cadmium	106-1	9750	9707	9847	9768	0.73	cps
Cadmium	111-1	29768	29577	29816	29720	0.43	cps
Calcium	43-1	1591452	1640968	1605615	1612678	1.58	cps
Calcium	44-1	25376708	26061822	26088592	25842374	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	645905	642404	642847	643718	0.30	cps
Cobalt	59-2	1586457	1590027	1586951	1587812	0.12	cps
Copper	63-2	13264473	13045087	13116369	13141976	0.85	cps
Dysprosium	156-1	28693	28856	29197	28915	0.89	cps
Dysprosium	156-2	25336	25410	25457	25401	0.24	cps
Erbium	164-1	28586	28930	28763	28760	0.60	cps
Erbium	164-2	20629	20599	20886	20704	0.76	cps
Gadolinium	160-1	28195	28422	28322	28313	0.40	cps
Gadolinium	160-2	22598	22064	22044	22235	1.41	cps
Holmium	165-1	16788174	16687426	16767414	16747671	0.32	cps
Holmium	165-2	12106453	12034777	12060074	12067101	0.30	cps
Indium	115-1	15341144	15521988	15570806	15477979	0.78	cps
Indium	115-2	5892400	5981426	5960775	5944867	0.78	cps
Iron	56-2	832289161	836850281	839216681	836118708	0.42	cps
Iron	57-2	20753588	20805785	20887039	20815470	0.32	cps
Iron	54-2	45560559	45481403	45808278	45616747	0.37	cps
Krypton	83-1	217	240	213	223	6.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:40:56	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33827103	34251423	33302140	33793555	1.41	cps
Lead	207-1	29233807	29877068	29232443	29447773	1.26	cps
Lead	208-1	133535804	135766688	133239607	134180700	1.03	cps
Lithium	6-1	2017725	2036967	2031481	2028724	0.49	cps
Magnesium	24-2	3227940	3203801	3228330	3220023	0.44	cps
Manganese	55-2	3045703	3020584	3088977	3051755	1.13	cps
Molybdenum	94-1	1692369	1695004	1710642	1699338	0.58	cps
Molybdenum	95-1	2752946	2778728	2786103	2772592	0.63	cps
Molybdenum	96-1	3004315	3063841	3035531	3034562	0.98	cps
Molybdenum	97-1	1693587	1732329	1708705	1711540	1.14	cps
Molybdenum	98-1	4434748	4461502	4403885	4433378	0.65	cps
Neodymium	150-1	44159	45232	46065	45152	2.12	cps
Neodymium	150-2	27637	27664	28145	27815	1.03	cps
Nickel	60-2	158329	158575	157743	158215	0.27	cps
Phosphorus	31-2	14917	15702	14947	15189	2.93	cps
Potassium	39-2	2279859	2285366	2312131	2292452	0.75	cps
Rhodium	103-1	12531393	12394911	12485811	12470705	0.56	cps
Rhodium	103-2	7572931	7627513	7637567	7612670	0.46	cps
Scandium	45-1	7437454	7434119	7432451	7434674	0.03	cps
Scandium	45-2	669676	678048	679521	675749	0.79	cps
Selenium	82-1	868	823	866	852	3.01	cps
Selenium	77-2	150	143	133	142	5.90	cps
Selenium	78-2	817	723	787	776	6.14	cps
Silicon	28-1	50321339	51262768	51204196	50929434	1.04	cps
Silver	107-1	87267	88165	87750	87727	0.51	cps
Silver	109-1	81993	83033	84062	83029	1.25	cps
Sodium	23-2	9067414	9120968	9110650	9099677	0.31	cps
Strontium	86-1	956386	959672	964146	960068	0.41	cps
Strontium	88-1	8498534	8694835	8671584	8621651	1.24	cps
Sulfur	34-1	366973	369563	375817	370784	1.23	cps
Terbium	159-1	17186888	17196051	16975647	17119529	0.73	cps
Terbium	159-2	12079469	11937571	11879569	11965537	0.86	cps
Thallium	203-1	48402	49004	48851	48752	0.64	cps
Thallium	205-1	116517	117667	117680	117288	0.57	cps
Tin	118-1	5265435	5310099	5341525	5305686	0.72	cps
Titanium	47-1	1129105	1153490	1155250	1145948	1.28	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:40:56	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	181135	183575	180159	181623	0.97	cps
Vanadium	51-2	209317	209604	210398	209773	0.27	cps
Yttrium	89-1	21009773	21256766	21272903	21179814	0.70	cps
Yttrium	89-2	5883196	5951045	6001174	5945138	1.00	cps
Zinc	66-2	11849616	11821625	11867594	11846279	0.20	cps
Zirconium	90-1	390642	400378	403805	398275	1.71	cps
Zirconium	91-1	92834	94981	96035	94617	1.72	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:43:52	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4676026	4614364	4662177	4650856	0.70	cps
Antimony	121-1	29954846	29607740	29795549	29786045	0.58	cps
Arsenic	75-2	4082474	4101102	4140653	4108076	0.72	cps
Barium	135-1	683472	691958	687250	687560	0.62	cps
Barium	137-1	1195322	1192986	1193583	1193964	0.10	cps
Beryllium	9-1	2187	2127	2094	2136	2.21	cps
Bismuth	209-1	10311909	9923890	10084205	10106668	1.93	cps
Bismuth	209-2	8662870	8599414	8711299	8657861	0.65	cps
Bromine	81-1	43303	43935	44156	43798	1.01	cps
Bromine	81-2	6415	6231	6128	6258	2.32	cps
Cadmium	108-1	3657	3590	3737	3662	2.01	cps
Cadmium	106-1	10094	10070	9837	10000	1.42	cps
Cadmium	111-1	29540	29731	29534	29602	0.38	cps
Calcium	43-1	1648571	1635977	1647570	1644039	0.43	cps
Calcium	44-1	26129915	26343207	26336385	26269836	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	659976	656132	655899	657336	0.35	cps
Cobalt	59-2	1590217	1612750	1609076	1604014	0.75	cps
Copper	63-2	13348683	13477376	13405973	13410677	0.48	cps
Dysprosium	156-1	28987	29291	29982	29420	1.73	cps
Dysprosium	156-2	25206	25256	25159	25207	0.19	cps
Erbium	164-1	28125	28673	28422	28407	0.97	cps
Erbium	164-2	21119	20906	20649	20891	1.13	cps
Gadolinium	160-1	29194	28295	28816	28768	1.57	cps
Gadolinium	160-2	22258	21894	22642	22264	1.68	cps
Holmium	165-1	16763239	16503716	16714553	16660503	0.83	cps
Holmium	165-2	11998442	12222109	12283110	12167887	1.23	cps
Indium	115-1	15521213	15471903	15502264	15498460	0.16	cps
Indium	115-2	6021601	6055374	6045208	6040728	0.29	cps
Iron	56-2	851961321	853692974	846339587	850664627	0.45	cps
Iron	57-2	21281001	21143270	20911252	21111841	0.89	cps
Iron	54-2	46430914	46117069	45754984	46100989	0.73	cps
Krypton	83-1	320	257	247	274	14.49	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:43:52	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33938107	33981598	33151553	33690419	1.39	cps
Lead	207-1	29311442	29106851	28956723	29125005	0.61	cps
Lead	208-1	134504036	134361005	133427620	134097554	0.44	cps
Lithium	6-1	1999886	1966083	1985893	1983954	0.86	cps
Magnesium	24-2	3309505	3234121	3332720	3292115	1.57	cps
Manganese	55-2	3113183	3104980	3071504	3096556	0.71	cps
Molybdenum	94-1	1720605	1739556	1743009	1734390	0.70	cps
Molybdenum	95-1	2780023	2845173	2837584	2820927	1.26	cps
Molybdenum	96-1	3039109	3088459	3088213	3071927	0.93	cps
Molybdenum	97-1	1773338	1765235	1759905	1766159	0.38	cps
Molybdenum	98-1	4515652	4496227	4453975	4488618	0.70	cps
Neodymium	150-1	45774	45647	45416	45612	0.40	cps
Neodymium	150-2	28302	28485	28362	28383	0.33	cps
Nickel	60-2	159201	160801	159807	159937	0.51	cps
Phosphorus	31-2	15415	15558	15518	15497	0.48	cps
Potassium	39-2	2324845	2318272	2346669	2329929	0.64	cps
Rhodium	103-1	12625154	12340872	12520638	12495555	1.15	cps
Rhodium	103-2	7725484	7792349	7722168	7746667	0.51	cps
Scandium	45-1	7485256	7434077	7551962	7490432	0.79	cps
Scandium	45-2	688287	688727	694699	690571	0.52	cps
Selenium	82-1	857	800	871	843	4.51	cps
Selenium	77-2	170	153	190	171	10.73	cps
Selenium	78-2	870	803	763	812	6.64	cps
Silicon	28-1	51862613	54280258	51434616	52525829	2.92	cps
Silver	107-1	88266	88111	89081	88486	0.59	cps
Silver	109-1	84028	84005	83941	83991	0.05	cps
Sodium	23-2	9312945	9214850	9341944	9289913	0.72	cps
Strontium	86-1	971761	978933	985042	978579	0.68	cps
Strontium	88-1	8842908	8747693	8704715	8765105	0.81	cps
Sulfur	34-1	379783	383540	380784	381369	0.51	cps
Terbium	159-1	17095839	16789529	16923579	16936315	0.91	cps
Terbium	159-2	11841771	12073930	12195586	12037096	1.49	cps
Thallium	203-1	48402	48372	48332	48369	0.07	cps
Thallium	205-1	113270	114947	114392	114203	0.75	cps
Tin	118-1	5334495	5384071	5451377	5389981	1.09	cps
Titanium	47-1	1166788	1173348	1172210	1170782	0.30	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:43:52	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	177056	178868	178703	178209	0.56	cps
Vanadium	51-2	212558	212845	214011	213138	0.36	cps
Yttrium	89-1	21433805	21012560	21213141	21219835	0.99	cps
Yttrium	89-2	6004059	6039760	6010824	6018215	0.32	cps
Zinc	66-2	12036004	12026439	11961872	12008105	0.34	cps
Zirconium	90-1	405489	406023	409701	407071	0.56	cps
Zirconium	91-1	94267	96229	94911	95136	1.05	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:46:48	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	885266	885214	878078	882853	0.47	cps
Antimony	121-1	5678965	5769043	5800994	5749668	1.10	cps
Arsenic	75-2	786734	795717	791852	791434	0.57	cps
Barium	135-1	133375	135171	134192	134246	0.67	cps
Barium	137-1	231557	236812	234085	234151	1.12	cps
Beryllium	9-1	460	387	533	460	15.94	cps
Bismuth	209-1	10201397	9830090	9829154	9953547	2.16	cps
Bismuth	209-2	8474376	8505302	8470713	8483464	0.22	cps
Bromine	81-1	21419	21699	22097	21738	1.57	cps
Bromine	81-2	1373	1480	1527	1460	5.38	cps
Cadmium	108-1	710	733	690	711	3.05	cps
Cadmium	106-1	5828	5594	5741	5721	2.06	cps
Cadmium	111-1	6689	6480	6595	6588	1.59	cps
Calcium	43-1	326028	330884	328300	328404	0.74	cps
Calcium	44-1	5132135	5218802	5234377	5195105	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130478	130821	131971	131090	0.60	cps
Cobalt	59-2	310527	311725	310398	310883	0.24	cps
Copper	63-2	2687164	2687513	2680369	2685015	0.15	cps
Dysprosium	156-1	5788	5738	5795	5773	0.54	cps
Dysprosium	156-2	4908	4901	4861	4890	0.52	cps
Erbium	164-1	5701	5791	5655	5716	1.22	cps
Erbium	164-2	4127	4434	4461	4341	4.27	cps
Gadolinium	160-1	5501	5731	5595	5609	2.06	cps
Gadolinium	160-2	4758	4918	4934	4870	2.00	cps
Holmium	165-1	17003796	16498931	16457355	16653360	1.83	cps
Holmium	165-2	11962489	11989616	11678317	11876808	1.45	cps
Indium	115-1	14541394	14015523	13821888	14126268	2.64	cps
Indium	115-2	5342173	5349660	5373004	5354946	0.30	cps
Iron	56-2	168786481	168957584	168508514	168750860	0.13	cps
Iron	57-2	4166984	4192362	4194938	4184761	0.37	cps
Iron	54-2	9283916	9234413	9187648	9235325	0.52	cps
Krypton	83-1	163	220	217	200	15.90	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:46:48	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6588119	6651203	6605833	6615052	0.49	cps
Lead	207-1	5708505	5759275	5755287	5741023	0.49	cps
Lead	208-1	26003150	26471595	26168248	26214331	0.91	cps
Lithium	6-1	2099998	1960855	1995407	2018753	3.59	cps
Magnesium	24-2	610188	614339	612730	612419	0.34	cps
Manganese	55-2	599207	599176	601384	599922	0.21	cps
Molybdenum	94-1	327302	333415	331986	330901	0.97	cps
Molybdenum	95-1	521050	537713	535970	531577	1.72	cps
Molybdenum	96-1	566640	581755	580532	576309	1.46	cps
Molybdenum	97-1	329310	335551	333585	332816	0.96	cps
Molybdenum	98-1	843548	864271	862798	856872	1.35	cps
Neodymium	150-1	8626	8843	8803	8757	1.32	cps
Neodymium	150-2	5645	5454	5364	5488	2.61	cps
Nickel	60-2	32144	32412	32024	32193	0.62	cps
Phosphorus	31-2	3344	3180	3100	3208	3.87	cps
Potassium	39-2	516856	523834	514645	518445	0.93	cps
Rhodium	103-1	13167224	12488250	12517568	12724348	3.02	cps
Rhodium	103-2	7597915	7543806	7652059	7597926	0.71	cps
Scandium	45-1	7744823	7504203	7404115	7551047	2.32	cps
Scandium	45-2	666909	668485	664561	666652	0.30	cps
Selenium	82-1	398	265	274	313	23.77	cps
Selenium	77-2	33	37	20	30	29.40	cps
Selenium	78-2	560	530	470	520	8.81	cps
Silicon	28-1	10405906	10741552	11044949	10730802	2.98	cps
Silver	107-1	17083	17214	17614	17304	1.60	cps
Silver	109-1	16429	16943	16897	16756	1.70	cps
Sodium	23-2	1828106	1873112	1857568	1852929	1.23	cps
Strontium	86-1	187582	194131	192673	191462	1.80	cps
Strontium	88-1	1692027	1721745	1711938	1708570	0.89	cps
Sulfur	34-1	218073	222209	221245	220509	0.98	cps
Terbium	159-1	17579703	16988829	16857295	17141942	2.24	cps
Terbium	159-2	11821117	11894422	11727062	11814200	0.71	cps
Thallium	203-1	9684	9914	9747	9781	1.22	cps
Thallium	205-1	22966	23133	23307	23135	0.74	cps
Tin	118-1	1004391	1035982	1027906	1022760	1.60	cps
Titanium	47-1	225758	235990	230881	230876	2.22	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:46:48	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34568	34669	34956	34731	0.58	cps
Vanadium	51-2	42052	42473	41611	42045	1.03	cps
Yttrium	89-1	21765844	21025586	20800520	21197317	2.38	cps
Yttrium	89-2	5811207	5818379	5822683	5817423	0.10	cps
Zinc	66-2	2386092	2464920	2410108	2420373	1.67	cps
Zirconium	90-1	78031	79701	79078	78937	1.07	cps
Zirconium	91-1	18342	18599	18635	18525	0.86	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:49:56	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4612893	4577908	4585998	4592266	0.40	cps
Antimony	121-1	27506560	28918263	28867878	28430900	2.82	cps
Arsenic	75-2	4150748	4100586	4152561	4134632	0.71	cps
Barium	135-1	1997892	2108152	2096764	2067603	2.93	cps
Barium	137-1	3420362	3565514	3550497	3512124	2.27	cps
Beryllium	9-1	17003	18007	17770	17593	2.98	cps
Bismuth	209-1	10811896	10184560	10232240	10409566	3.36	cps
Bismuth	209-2	8719167	8528570	8730280	8659339	1.31	cps
Bromine	81-1	39102	40953	42287	40781	3.92	cps
Bromine	81-2	5858	5808	5918	5861	0.94	cps
Cadmium	108-1	25219	25810	26157	25728	1.84	cps
Cadmium	106-1	39577	40937	41279	40598	2.22	cps
Cadmium	111-1	344435	357803	361447	354562	2.53	cps
Calcium	43-1	1546907	1597188	1606851	1583649	2.03	cps
Calcium	44-1	24401825	25565270	25570794	25179296	2.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	856831	853064	850158	853351	0.39	cps
Cobalt	59-2	2422866	2428165	2441791	2430941	0.40	cps
Copper	63-2	13180838	13278360	13489416	13316205	1.18	cps
Dysprosium	156-1	26846	28172	28699	27906	3.42	cps
Dysprosium	156-2	24892	24926	24832	24883	0.19	cps
Erbium	164-1	26579	28145	27915	27546	3.07	cps
Erbium	164-2	20438	20298	20168	20302	0.67	cps
Gadolinium	160-1	26218	27944	27200	27121	3.19	cps
Gadolinium	160-2	21670	21764	21750	21728	0.23	cps
Holmium	165-1	17456198	16762076	16652198	16956824	2.57	cps
Holmium	165-2	12168485	11965026	12161107	12098206	0.95	cps
Indium	115-1	16449658	15655352	15545409	15883473	3.11	cps
Indium	115-2	5921925	5824921	5860690	5869179	0.84	cps
Iron	56-2	832063934	824897294	824479748	827146992	0.52	cps
Iron	57-2	20512552	20496038	20502079	20503556	0.04	cps
Iron	54-2	45342498	44841264	44868766	45017509	0.63	cps
Krypton	83-1	243	253	253	250	2.31	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:49:56	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33331553	34105764	34645554	34027624	1.94	cps
Lead	207-1	29171788	29636713	29658835	29489112	0.93	cps
Lead	208-1	132426151	135771505	136617634	134938430	1.64	cps
Lithium	6-1	2103030	1999715	1967380	2023375	3.50	cps
Magnesium	24-2	3169238	3160337	3162536	3164037	0.15	cps
Manganese	55-2	3467359	3421485	3478084	3455643	0.87	cps
Molybdenum	94-1	1613450	1708329	1689811	1670530	3.01	cps
Molybdenum	95-1	2628645	2731754	2772614	2711004	2.74	cps
Molybdenum	96-1	2879420	2981601	2979927	2946982	1.99	cps
Molybdenum	97-1	1617392	1722872	1706656	1682307	3.38	cps
Molybdenum	98-1	4195041	4394780	4354188	4314670	2.45	cps
Neodymium	150-1	41574	43534	44834	43314	3.79	cps
Neodymium	150-2	26775	27363	27650	27263	1.64	cps
Nickel	60-2	372676	372390	370825	371964	0.27	cps
Phosphorus	31-2	15104	14517	14904	14842	2.01	cps
Potassium	39-2	2275729	2253675	2238437	2255947	0.83	cps
Rhodium	103-1	13207262	12673420	12542534	12807739	2.75	cps
Rhodium	103-2	7534630	7469766	7572334	7525577	0.69	cps
Scandium	45-1	7963035	7570839	7581854	7705243	2.90	cps
Scandium	45-2	679683	679467	684955	681368	0.46	cps
Selenium	82-1	45920	47268	47780	46989	2.04	cps
Selenium	77-2	5328	5241	5281	5283	0.82	cps
Selenium	78-2	18121	18578	18562	18420	1.41	cps
Silicon	28-1	51232833	49502356	51268211	50667800	1.99	cps
Silver	107-1	239306	251713	254399	248473	3.24	cps
Silver	109-1	231284	239511	241262	237352	2.24	cps
Sodium	23-2	9075864	8998037	9023971	9032624	0.44	cps
Strontium	86-1	906843	951397	949180	935807	2.68	cps
Strontium	88-1	8115040	8496638	8555082	8388920	2.85	cps
Sulfur	34-1	364360	378350	378217	373642	2.15	cps
Terbium	159-1	17859049	17121451	17166534	17382344	2.38	cps
Terbium	159-2	11956649	11856060	11886066	11899592	0.43	cps
Thallium	203-1	2280301	2376853	2351139	2336098	2.14	cps
Thallium	205-1	5389982	5562191	5679559	5543911	2.63	cps
Tin	118-1	4989034	5248033	5262313	5166460	2.98	cps
Titanium	47-1	1076356	1131882	1141666	1116635	3.15	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:49:56	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	166413	172615	172696	170575	2.11	cps
Vanadium	51-2	688861	686798	686184	687281	0.20	cps
Yttrium	89-1	22244160	21548473	21620299	21804311	1.75	cps
Yttrium	89-2	5970999	5805647	6003863	5926837	1.79	cps
Zinc	66-2	11722169	11638575	11799381	11720041	0.69	cps
Zirconium	90-1	369595	392708	393255	385186	3.51	cps
Zirconium	91-1	106340	93488	94039	97956	7.42	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04	Instrumnet Name :	P7
Client Sample ID :	ME2926	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:52:48	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6445045	6487370	6319991	6417469	1.36	cps
Antimony	121-1	14738	13486	12466	13563	8.39	cps
Arsenic	75-2	11374	11091	11084	11183	1.48	cps
Barium	135-1	812836	818414	817356	816202	0.36	cps
Barium	137-1	1417148	1434693	1417884	1423242	0.70	cps
Beryllium	9-1	2214	1967	2053	2078	6.02	cps
Bismuth	209-1	9730380	9756478	9891423	9792760	0.88	cps
Bismuth	209-2	8465614	8381367	8272499	8373160	1.16	cps
Bromine	81-1	17360	16960	16559	16960	2.36	cps
Bromine	81-2	530	600	643	591	9.67	cps
Cadmium	108-1	293	260	237	263	10.82	cps
Cadmium	106-1	5641	5611	5211	5488	4.38	cps
Cadmium	111-1	2728	2783	2706	2739	1.44	cps
Calcium	43-1	3040853	3023793	2943636	3002761	1.73	cps
Calcium	44-1	48500606	48449709	47410141	48120152	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	224864	221898	218199	221653	1.51	cps
Cobalt	59-2	223312	220945	219694	221317	0.83	cps
Copper	63-2	280218	278935	276248	278467	0.73	cps
Dysprosium	156-1	81340	81009	80519	80956	0.51	cps
Dysprosium	156-2	66460	67253	65907	66540	1.02	cps
Erbium	164-1	66380	67107	67485	66991	0.84	cps
Erbium	164-2	49829	48969	48551	49116	1.33	cps
Gadolinium	160-1	80536	81100	81119	80919	0.41	cps
Gadolinium	160-2	60430	59840	59686	59985	0.65	cps
Holmium	165-1	16715296	16677646	16350869	16581270	1.21	cps
Holmium	165-2	12125993	11889765	11773785	11929848	1.50	cps
Indium	115-1	13369123	13267671	13367036	13334610	0.43	cps
Indium	115-2	4925652	4890032	4863629	4893104	0.64	cps
Iron	56-2	251746563	249607870	247675296	249676576	0.82	cps
Iron	57-2	6222598	6296048	6136053	6218233	1.29	cps
Iron	54-2	13725229	13644676	13511501	13627136	0.79	cps
Krypton	83-1	270	257	263	263	2.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04	Instrumnet Name :	P7
Client Sample ID :	ME2926	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:52:48	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	360577	365344	364786	363569	0.72	cps
Lead	207-1	291502	293893	294186	293194	0.50	cps
Lead	208-1	1375138	1388394	1390606	1384712	0.60	cps
Lithium	6-1	2064245	2056713	2048677	2056545	0.38	cps
Magnesium	24-2	16409809	16246001	15947301	16201037	1.45	cps
Manganese	55-2	3952578	3951928	3903145	3935884	0.72	cps
Molybdenum	94-1	67183	66547	65954	66561	0.92	cps
Molybdenum	95-1	19633	19460	19713	19602	0.66	cps
Molybdenum	96-1	33442	32897	32480	32939	1.46	cps
Molybdenum	97-1	12168	11942	12455	12188	2.11	cps
Molybdenum	98-1	31781	31781	30518	31360	2.32	cps
Neodymium	150-1	122268	124809	123824	123634	1.04	cps
Neodymium	150-2	75504	74777	75749	75343	0.67	cps
Nickel	60-2	142395	143212	141241	142283	0.70	cps
Phosphorus	31-2	14797	14457	13983	14412	2.84	cps
Potassium	39-2	2150504	2130353	2148668	2143175	0.52	cps
Rhodium	103-1	12149000	12009587	11990761	12049783	0.72	cps
Rhodium	103-2	7301036	7224943	7109567	7211849	1.34	cps
Scandium	45-1	7352109	7285346	7117935	7251796	1.66	cps
Scandium	45-2	627159	624584	619137	623627	0.66	cps
Selenium	82-1	372	435	372	393	9.27	cps
Selenium	77-2	220	207	233	220	6.06	cps
Selenium	78-2	577	580	533	563	4.62	cps
Silicon	28-1	9154898	8722114	9231597	9036203	3.04	cps
Silver	107-1	3447	2994	2610	3017	13.89	cps
Silver	109-1	2987	2510	2210	2569	15.25	cps
Sodium	23-2	213690	213350	212420	213153	0.31	cps
Strontium	86-1	520982	517738	518300	519007	0.33	cps
Strontium	88-1	4751804	4691011	4555318	4666044	2.16	cps
Sulfur	34-1	245328	243543	245509	244793	0.44	cps
Terbium	159-1	16957546	17110090	16984904	17017514	0.48	cps
Terbium	159-2	11657756	11560548	11660010	11626105	0.49	cps
Thallium	203-1	6191	5811	5681	5895	4.50	cps
Thallium	205-1	14711	13687	13847	14082	3.91	cps
Tin	118-1	13900	13433	13059	13464	3.13	cps
Titanium	47-1	392710	386843	385462	388338	0.99	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04	Instrumnet Name :	P7
Client Sample ID :	ME2926	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:52:48	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66351	67195	67939	67162	1.18	cps
Vanadium	51-2	243738	240415	240185	241446	0.82	cps
Yttrium	89-1	21347192	21076106	20786288	21069862	1.33	cps
Yttrium	89-2	5748819	5684328	5685534	5706227	0.65	cps
Zinc	66-2	157975	156335	154769	156360	1.03	cps
Zirconium	90-1	150098	151707	152745	151517	0.88	cps
Zirconium	91-1	33361	33408	36043	34271	4.48	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-05	Instrumnet Name :	P7
Client Sample ID :	ME2926D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:56:00	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6202686	6155282	6191914	6183294	0.40	cps
Antimony	121-1	7212	6918	7135	7088	2.15	cps
Arsenic	75-2	10827	10757	10797	10794	0.33	cps
Barium	135-1	796089	795292	795952	795778	0.05	cps
Barium	137-1	1378120	1374839	1380632	1377864	0.21	cps
Beryllium	9-1	2030	2000	2097	2042	2.42	cps
Bismuth	209-1	9903577	9891485	9803264	9866109	0.56	cps
Bismuth	209-2	8308213	8270397	8287900	8288837	0.23	cps
Bromine	81-1	15698	15715	15812	15742	0.39	cps
Bromine	81-2	550	550	567	556	1.73	cps
Cadmium	108-1	247	223	237	236	4.97	cps
Cadmium	106-1	5431	5354	5101	5295	3.26	cps
Cadmium	111-1	2546	2537	2551	2545	0.30	cps
Calcium	43-1	2838963	2864844	2860252	2854686	0.48	cps
Calcium	44-1	45937788	45536059	45464116	45645988	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214144	214463	213434	214014	0.25	cps
Cobalt	59-2	214108	210630	212165	212301	0.82	cps
Copper	63-2	271399	269231	269010	269880	0.49	cps
Dysprosium	156-1	78612	79309	78887	78936	0.44	cps
Dysprosium	156-2	64705	64711	65211	64876	0.45	cps
Erbium	164-1	65670	65868	66453	65997	0.62	cps
Erbium	164-2	46888	47621	46959	47156	0.86	cps
Gadolinium	160-1	78776	78284	79296	78785	0.64	cps
Gadolinium	160-2	59392	58913	58850	59052	0.50	cps
Holmium	165-1	16549772	16576841	16416007	16514207	0.52	cps
Holmium	165-2	11806459	11647646	11715205	11723103	0.68	cps
Indium	115-1	13059836	13025526	13025976	13037113	0.15	cps
Indium	115-2	4885797	4874431	4782507	4847578	1.17	cps
Iron	56-2	243121756	241157623	239710176	241329852	0.71	cps
Iron	57-2	6063247	6022751	6023870	6036623	0.38	cps
Iron	54-2	13117120	13093494	13152795	13121136	0.23	cps
Krypton	83-1	263	320	230	271	16.78	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-05	Instrumnet Name :	P7
Client Sample ID :	ME2926D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:56:00	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	352994	353017	353433	353148	0.07	cps
Lead	207-1	283542	281632	286465	283880	0.86	cps
Lead	208-1	1336814	1343896	1351575	1344095	0.55	cps
Lithium	6-1	2021132	2033431	2045624	2033396	0.60	cps
Magnesium	24-2	15541270	15548622	15446509	15512133	0.37	cps
Manganese	55-2	3813610	3798768	3850368	3820915	0.70	cps
Molybdenum	94-1	63246	64845	64099	64063	1.25	cps
Molybdenum	95-1	17878	18248	18312	18146	1.29	cps
Molybdenum	96-1	31290	31193	31277	31253	0.17	cps
Molybdenum	97-1	11284	11481	11475	11413	0.98	cps
Molybdenum	98-1	28818	29587	29243	29216	1.32	cps
Neodymium	150-1	120112	122066	120143	120774	0.93	cps
Neodymium	150-2	73942	74341	73480	73921	0.58	cps
Nickel	60-2	136528	136286	136440	136418	0.09	cps
Phosphorus	31-2	13890	13856	13289	13678	2.47	cps
Potassium	39-2	2015318	2015655	2009582	2013518	0.17	cps
Rhodium	103-1	11989007	11855244	11854016	11899422	0.65	cps
Rhodium	103-2	7119691	7107023	7064705	7097140	0.41	cps
Scandium	45-1	7131304	6979546	6961651	7024167	1.33	cps
Scandium	45-2	610884	609202	606455	608847	0.37	cps
Selenium	82-1	377	257	303	312	19.31	cps
Selenium	77-2	170	187	180	179	4.69	cps
Selenium	78-2	567	580	600	582	2.88	cps
Silicon	28-1	7364077	8237096	8655228	8085467	8.15	cps
Silver	107-1	2277	2117	2287	2227	4.28	cps
Silver	109-1	2034	2147	1967	2049	4.44	cps
Sodium	23-2	207710	204070	205385	205722	0.90	cps
Strontium	86-1	497289	501245	500870	499801	0.44	cps
Strontium	88-1	4487178	4449082	4432475	4456245	0.63	cps
Sulfur	34-1	238783	241069	241640	240498	0.63	cps
Terbium	159-1	16921870	16843401	16965902	16910391	0.37	cps
Terbium	159-2	11740206	11523332	11594421	11619320	0.95	cps
Thallium	203-1	5238	5138	5431	5269	2.83	cps
Thallium	205-1	12516	12743	12406	12555	1.37	cps
Tin	118-1	12092	11581	11748	11807	2.20	cps
Titanium	47-1	371045	369797	362779	367874	1.21	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-05	Instrumnet Name :	P7
Client Sample ID :	ME2926D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 18:56:00	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65792	67729	68712	67411	2.20	cps
Vanadium	51-2	231536	234267	232574	232792	0.59	cps
Yttrium	89-1	20733813	20541498	20488125	20587812	0.63	cps
Yttrium	89-2	5622299	5592792	5624630	5613240	0.32	cps
Zinc	66-2	151832	150486	149738	150685	0.70	cps
Zirconium	90-1	143672	145439	145869	144993	0.80	cps
Zirconium	91-1	32673	32272	32463	32469	0.62	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME2926L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:59:14	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1318796	1319756	1330150	1322901	0.48	cps
Antimony	121-1	1930	1867	1787	1861	3.86	cps
Arsenic	75-2	2384	2280	2070	2245	7.11	cps
Barium	135-1	161269	161845	159926	161013	0.61	cps
Barium	137-1	281184	283277	281142	281868	0.43	cps
Beryllium	9-1	453	477	533	488	8.43	cps
Bismuth	209-1	9782972	9825782	9725281	9778012	0.52	cps
Bismuth	209-2	8240324	8403074	8323177	8322191	0.98	cps
Bromine	81-1	15155	15081	14577	14938	2.10	cps
Bromine	81-2	243	267	233	248	6.90	cps
Cadmium	108-1	50	47	60	52	13.28	cps
Cadmium	106-1	4951	4828	4898	4892	1.27	cps
Cadmium	111-1	1317	1309	1307	1311	0.41	cps
Calcium	43-1	597262	604484	598577	600107	0.64	cps
Calcium	44-1	9372715	9527557	9491923	9464065	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46000	47438	46471	46636	1.57	cps
Cobalt	59-2	45803	45215	45151	45390	0.79	cps
Copper	63-2	57734	58119	58560	58138	0.71	cps
Dysprosium	156-1	15702	15812	15916	15810	0.68	cps
Dysprosium	156-2	13226	13577	13777	13527	2.06	cps
Erbium	164-1	13350	13203	13353	13302	0.64	cps
Erbium	164-2	9753	9610	9537	9633	1.14	cps
Gadolinium	160-1	16400	15796	15849	16015	2.09	cps
Gadolinium	160-2	12509	12786	12559	12618	1.17	cps
Holmium	165-1	16159724	15944503	16184220	16096149	0.82	cps
Holmium	165-2	11587025	11631099	11635026	11617716	0.23	cps
Indium	115-1	12965619	13147417	12900329	13004455	0.98	cps
Indium	115-2	4920223	4891072	4927539	4912945	0.39	cps
Iron	56-2	51590553	50826753	50892809	51103371	0.83	cps
Iron	57-2	1287139	1277623	1277392	1280718	0.43	cps
Iron	54-2	2803482	2801078	2792224	2798928	0.21	cps
Krypton	83-1	260	207	217	228	12.45	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME2926L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:59:14	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	72602	72877	72237	72572	0.44	cps
Lead	207-1	57963	58375	57792	58043	0.52	cps
Lead	208-1	274374	275981	274802	275052	0.30	cps
Lithium	6-1	1986440	2003486	1983654	1991193	0.54	cps
Magnesium	24-2	3371486	3306434	3245468	3307796	1.91	cps
Manganese	55-2	791994	793593	787433	791007	0.40	cps
Molybdenum	94-1	12869	13099	13119	13029	1.07	cps
Molybdenum	95-1	3744	3994	3797	3845	3.43	cps
Molybdenum	96-1	6491	6365	6632	6496	2.06	cps
Molybdenum	97-1	2327	2537	2364	2409	4.66	cps
Molybdenum	98-1	6078	6425	5971	6158	3.85	cps
Neodymium	150-1	23780	24498	24705	24328	2.00	cps
Neodymium	150-2	15315	14734	14965	15005	1.95	cps
Nickel	60-2	29355	29242	29626	29408	0.67	cps
Phosphorus	31-2	2927	3087	3127	3047	3.47	cps
Potassium	39-2	483473	485290	481972	483578	0.34	cps
Rhodium	103-1	11859946	11995235	11999026	11951402	0.66	cps
Rhodium	103-2	7262051	7277245	7207889	7249062	0.50	cps
Scandium	45-1	6945703	7057955	7020187	7007948	0.82	cps
Scandium	45-2	611933	618881	616687	615834	0.58	cps
Selenium	82-1	68	181	153	134	43.68	cps
Selenium	77-2	30	43	63	46	36.83	cps
Selenium	78-2	433	430	450	438	2.45	cps
Silicon	28-1	2165570	2087738	2487445	2246917	9.43	cps
Silver	107-1	597	497	607	567	10.73	cps
Silver	109-1	497	390	483	457	12.73	cps
Sodium	23-2	67055	66165	65616	66279	1.10	cps
Strontium	86-1	103057	103068	101641	102589	0.80	cps
Strontium	88-1	879144	892599	884006	885250	0.77	cps
Sulfur	34-1	202989	202375	199856	201740	0.82	cps
Terbium	159-1	16628104	16539645	16605534	16591094	0.28	cps
Terbium	159-2	11549826	11531857	11549714	11543799	0.09	cps
Thallium	203-1	1240	1283	1253	1259	1.76	cps
Thallium	205-1	3120	2850	2927	2966	4.69	cps
Tin	118-1	3747	3734	3497	3659	3.84	cps
Titanium	47-1	76676	74834	76043	75851	1.23	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME2926L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 18:59:14	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13047	13210	13200	13152	0.70	cps
Vanadium	51-2	48451	50012	49845	49436	1.73	cps
Yttrium	89-1	19809228	19795241	19916740	19840403	0.34	cps
Yttrium	89-2	5505952	5500507	5473641	5493366	0.31	cps
Zinc	66-2	32893	32549	32362	32601	0.83	cps
Zirconium	90-1	31764	30154	29747	30555	3.49	cps
Zirconium	91-1	6682	6672	6578	6644	0.86	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-06	Instrumnet Name :	P7
Client Sample ID :	ME2926S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:02:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6342474	6420274	6346655	6369801	0.69	cps
Antimony	121-1	6318	6435	6221	6325	1.69	cps
Arsenic	75-2	146060	146703	151245	148003	1.91	cps
Barium	135-1	2125040	2135819	2140930	2133929	0.38	cps
Barium	137-1	3690712	3681020	3668141	3679958	0.31	cps
Beryllium	9-1	16903	17036	17293	17077	1.16	cps
Bismuth	209-1	9857499	9811359	9943453	9870771	0.68	cps
Bismuth	209-2	8289086	8260199	8237389	8262225	0.31	cps
Bromine	81-1	15545	16069	15258	15624	2.63	cps
Bromine	81-2	523	473	503	500	5.03	cps
Cadmium	108-1	21459	22364	22030	21951	2.08	cps
Cadmium	106-1	34611	35072	35263	34982	0.96	cps
Cadmium	111-1	317942	319451	317984	318459	0.27	cps
Calcium	43-1	2855902	2854443	2906381	2872242	1.03	cps
Calcium	44-1	45712866	45900764	46570474	46061368	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	415649	407102	413101	411951	1.07	cps
Cobalt	59-2	972597	974409	974173	973726	0.10	cps
Copper	63-2	535077	529803	530282	531721	0.55	cps
Dysprosium	156-1	77485	79659	79661	78935	1.59	cps
Dysprosium	156-2	65435	66141	65873	65817	0.54	cps
Erbium	164-1	65328	67904	66949	66727	1.95	cps
Erbium	164-2	48049	48032	48052	48044	0.02	cps
Gadolinium	160-1	78790	80307	78079	79059	1.44	cps
Gadolinium	160-2	60055	59351	59378	59595	0.67	cps
Holmium	165-1	16339221	16701228	16444888	16495112	1.13	cps
Holmium	165-2	11963386	11729025	11747269	11813226	1.10	cps
Indium	115-1	12938356	12970106	13047886	12985449	0.43	cps
Indium	115-2	4829018	4814661	4752328	4798669	0.85	cps
Iron	56-2	245304063	244982416	244330570	244872350	0.20	cps
Iron	57-2	6095418	6083442	6132710	6103857	0.42	cps
Iron	54-2	13325949	13428530	13261735	13338738	0.63	cps
Krypton	83-1	293	243	253	263	10.05	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-06	Instrumnet Name :	P7
Client Sample ID :	ME2926S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:02:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2112596	2173178	2152156	2145977	1.43	cps
Lead	207-1	1641747	1657646	1658367	1652587	0.57	cps
Lead	208-1	8069279	8097548	8187437	8118088	0.76	cps
Lithium	6-1	2011950	2033667	2004654	2016757	0.75	cps
Magnesium	24-2	15718650	15678166	15727147	15707988	0.17	cps
Manganese	55-2	4295719	4327539	4247802	4290353	0.94	cps
Molybdenum	94-1	70107	73796	70569	71491	2.81	cps
Molybdenum	95-1	30398	30388	30719	30502	0.62	cps
Molybdenum	96-1	44752	45581	44849	45060	1.01	cps
Molybdenum	97-1	19036	19126	19189	19117	0.40	cps
Molybdenum	98-1	49213	49253	49283	49249	0.07	cps
Neodymium	150-1	120721	121825	122019	121522	0.58	cps
Neodymium	150-2	74613	74629	74174	74472	0.35	cps
Nickel	60-2	329283	328425	330195	329301	0.27	cps
Phosphorus	31-2	13790	13983	13843	13872	0.72	cps
Potassium	39-2	2117139	2083910	2104655	2101901	0.80	cps
Rhodium	103-1	11850928	11823242	11901598	11858589	0.34	cps
Rhodium	103-2	7087004	7093531	7033826	7071454	0.46	cps
Scandium	45-1	7034888	6952429	7064738	7017352	0.83	cps
Scandium	45-2	609766	607490	606157	607804	0.30	cps
Selenium	82-1	44098	44369	44513	44327	0.48	cps
Selenium	77-2	5064	4924	5031	5006	1.46	cps
Selenium	78-2	16539	16466	16736	16580	0.84	cps
Silicon	28-1	11154724	10606073	11602866	11121221	4.49	cps
Silver	107-1	157110	160095	159407	158870	0.98	cps
Silver	109-1	151324	151755	152045	151708	0.24	cps
Sodium	23-2	214928	217530	248837	227098	8.31	cps
Strontium	86-1	501560	502515	504040	502705	0.25	cps
Strontium	88-1	4442725	4455507	4456447	4451559	0.17	cps
Sulfur	34-1	240564	237748	241810	240040	0.87	cps
Terbium	159-1	16807781	16916931	16847043	16857252	0.33	cps
Terbium	159-2	11600844	11492125	11686936	11593301	0.84	cps
Thallium	203-1	2347663	2347645	2365826	2353711	0.45	cps
Thallium	205-1	5491006	5517200	5532497	5513568	0.38	cps
Tin	118-1	12165	12319	12199	12228	0.66	cps
Titanium	47-1	383815	389137	380685	384546	1.11	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-06	Instrumnet Name :	P7
Client Sample ID :	ME2926S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:02:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67396	68579	67089	67688	1.16	cps
Vanadium	51-2	664271	663518	663942	663910	0.06	cps
Yttrium	89-1	20598946	20782686	20717315	20699649	0.45	cps
Yttrium	89-2	5605459	5596037	5636580	5612692	0.38	cps
Zinc	66-2	250429	246590	248491	248503	0.77	cps
Zirconium	90-1	146266	149506	148633	148135	1.13	cps
Zirconium	91-1	32877	31808	32626	32437	1.72	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:05:37	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2435130	2451907	2448367	2445135	0.36	cps
Antimony	121-1	1723296	1750907	1765385	1746529	1.22	cps
Arsenic	75-2	140518	139794	141685	140665	0.68	cps
Barium	135-1	320203	326150	325367	323907	1.00	cps
Barium	137-1	564444	564364	569525	566111	0.52	cps
Beryllium	9-1	460	423	490	458	7.29	cps
Bismuth	209-1	10177859	10214488	10152343	10181563	0.31	cps
Bismuth	209-2	8539455	8439037	8474813	8484435	0.60	cps
Bromine	81-1	49349	51175	52282	50935	2.91	cps
Bromine	81-2	7782	8276	8066	8041	3.08	cps
Cadmium	108-1	513	557	517	529	4.56	cps
Cadmium	106-1	5558	5805	5521	5628	2.74	cps
Cadmium	111-1	5415	5516	5529	5487	1.14	cps
Calcium	43-1	917290	926881	924001	922724	0.53	cps
Calcium	44-1	14546778	14641915	14441200	14543298	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139464	138906	139357	139242	0.21	cps
Cobalt	59-2	262653	261510	264058	262741	0.49	cps
Copper	63-2	2815318	2774162	2776305	2788595	0.83	cps
Dysprosium	156-1	25967	26652	27026	26548	2.02	cps
Dysprosium	156-2	22622	22622	22097	22447	1.35	cps
Erbium	164-1	22902	23032	23486	23140	1.33	cps
Erbium	164-2	16296	16486	16630	16471	1.02	cps
Gadolinium	160-1	26175	25837	26579	26197	1.42	cps
Gadolinium	160-2	19894	20592	20458	20315	1.82	cps
Holmium	165-1	16292345	16448700	16537266	16426104	0.75	cps
Holmium	165-2	11853831	11945238	11848645	11882571	0.46	cps
Indium	115-1	13168652	13174514	13337871	13227012	0.73	cps
Indium	115-2	5026492	4998946	5002288	5009242	0.30	cps
Iron	56-2	146858038	147458024	147359774	147225279	0.22	cps
Iron	57-2	3637807	3646839	3670254	3651634	0.46	cps
Iron	54-2	7983980	7975202	7981972	7980385	0.06	cps
Krypton	83-1	250	210	210	223	10.34	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:05:37	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3746442	3782559	3856987	3795329	1.49	cps
Lead	207-1	3259667	3227472	3319420	3268853	1.43	cps
Lead	208-1	14916168	14894375	15165906	14992150	1.01	cps
Lithium	6-1	1993479	2003904	2032639	2010007	1.01	cps
Magnesium	24-2	2530638	2525524	2493681	2516614	0.80	cps
Manganese	55-2	1115664	1118934	1118898	1117832	0.17	cps
Molybdenum	94-1	49082	48891	50904	49626	2.24	cps
Molybdenum	95-1	42358	42428	43568	42785	1.59	cps
Molybdenum	96-1	51423	52531	52467	52140	1.19	cps
Molybdenum	97-1	26648	27472	27336	27152	1.63	cps
Molybdenum	98-1	68657	69712	70526	69632	1.35	cps
Neodymium	150-1	42591	42728	42180	42499	0.67	cps
Neodymium	150-2	26091	26371	26932	26465	1.62	cps
Nickel	60-2	43256	42965	43817	43346	1.00	cps
Phosphorus	31-2	12565	12055	12559	12393	2.36	cps
Potassium	39-2	1331699	1341630	1303954	1325761	1.47	cps
Rhodium	103-1	11943197	12031554	12030396	12001716	0.42	cps
Rhodium	103-2	7241453	7263297	7266156	7256969	0.19	cps
Scandium	45-1	6875507	6955779	6886592	6905959	0.63	cps
Scandium	45-2	609226	609205	607040	608491	0.21	cps
Selenium	82-1	296	356	346	333	9.62	cps
Selenium	77-2	93	80	90	88	7.90	cps
Selenium	78-2	523	523	467	504	6.49	cps
Silicon	28-1	8769336	9877839	9236503	9294559	5.99	cps
Silver	107-1	23916	23706	24304	23975	1.26	cps
Silver	109-1	22705	22968	22875	22849	0.59	cps
Sodium	23-2	8863336	8831481	8932640	8875819	0.58	cps
Strontium	86-1	848319	851532	857884	852578	0.57	cps
Strontium	88-1	7562958	7631853	7449777	7548196	1.22	cps
Sulfur	34-1	350288	350837	351457	350861	0.17	cps
Terbium	159-1	16739620	16733706	16883978	16785768	0.51	cps
Terbium	159-2	11746872	11634135	11684983	11688664	0.48	cps
Thallium	203-1	4261	3964	4054	4093	3.72	cps
Thallium	205-1	9977	9854	9864	9898	0.69	cps
Tin	118-1	396302	404680	405734	402239	1.28	cps
Titanium	47-1	775104	779373	780036	778171	0.34	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:05:37	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55733	55478	55760	55657	0.28	cps
Vanadium	51-2	166365	167937	166850	167051	0.48	cps
Yttrium	89-1	20088008	20050791	19815961	19984920	0.74	cps
Yttrium	89-2	5555656	5517885	5473087	5515542	0.75	cps
Zinc	66-2	1688103	1705504	1690505	1694704	0.56	cps
Zirconium	90-1	65888	67875	67401	67054	1.55	cps
Zirconium	91-1	14724	14794	14671	14730	0.42	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-07	Instrumnet Name :	P7
Client Sample ID :	MJNKA6D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:08:43	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2490147	2488948	2455053	2478049	0.80	cps
Antimony	121-1	1777340	1777904	1791298	1782181	0.44	cps
Arsenic	75-2	144677	143680	144754	144370	0.41	cps
Barium	135-1	325817	328151	330074	328014	0.65	cps
Barium	137-1	562817	571830	572496	569048	0.95	cps
Beryllium	9-1	457	447	507	470	6.84	cps
Bismuth	209-1	10107514	10077628	10098440	10094527	0.15	cps
Bismuth	209-2	8518206	8429443	8367839	8438496	0.90	cps
Bromine	81-1	51884	53098	55009	53330	2.95	cps
Bromine	81-2	8436	8186	8146	8256	1.90	cps
Cadmium	108-1	503	433	463	467	7.53	cps
Cadmium	106-1	5378	5454	5198	5343	2.47	cps
Cadmium	111-1	5227	5314	5494	5345	2.55	cps
Calcium	43-1	936963	949430	943848	943414	0.66	cps
Calcium	44-1	14697581	14868553	14744698	14770277	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143239	141456	141177	141957	0.79	cps
Cobalt	59-2	268896	267395	266307	267532	0.49	cps
Copper	63-2	2843754	2824256	2817165	2828391	0.49	cps
Dysprosium	156-1	26168	26248	26999	26472	1.73	cps
Dysprosium	156-2	22728	22074	22131	22311	1.62	cps
Erbium	164-1	23256	23997	23657	23637	1.57	cps
Erbium	164-2	16703	16743	17111	16852	1.33	cps
Gadolinium	160-1	26228	26298	26321	26282	0.19	cps
Gadolinium	160-2	20552	20549	20211	20437	0.96	cps
Holmium	165-1	16623946	16428874	16681250	16578023	0.80	cps
Holmium	165-2	11767571	11919655	11643680	11776969	1.17	cps
Indium	115-1	13336104	13288715	13277109	13300643	0.23	cps
Indium	115-2	4988134	5070933	4999657	5019575	0.89	cps
Iron	56-2	150863881	149205428	149189914	149753074	0.64	cps
Iron	57-2	3700110	3684990	3696414	3693838	0.21	cps
Iron	54-2	8253387	8229731	8176059	8219726	0.48	cps
Krypton	83-1	280	233	243	252	9.74	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-07	Instrumnet Name :	P7
Client Sample ID :	MJNKA6D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:08:43	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3795197	3854626	3801965	3817263	0.85	cps
Lead	207-1	3288442	3337596	3360284	3328774	1.10	cps
Lead	208-1	15030211	15207080	15151602	15129631	0.60	cps
Lithium	6-1	2019932	1985936	2002832	2002900	0.85	cps
Magnesium	24-2	2593348	2555246	2564914	2571169	0.77	cps
Manganese	55-2	1143808	1148115	1133692	1141872	0.65	cps
Molybdenum	94-1	48226	49563	50122	49304	1.98	cps
Molybdenum	95-1	43274	44524	43033	43610	1.84	cps
Molybdenum	96-1	53220	53076	53474	53257	0.38	cps
Molybdenum	97-1	27583	27780	27499	27621	0.52	cps
Molybdenum	98-1	69702	71400	71132	70745	1.29	cps
Neodymium	150-1	42932	43734	43166	43277	0.95	cps
Neodymium	150-2	26398	26568	26104	26357	0.89	cps
Nickel	60-2	44205	44181	44188	44192	0.03	cps
Phosphorus	31-2	12425	12665	12408	12500	1.15	cps
Potassium	39-2	1361114	1361939	1360655	1361236	0.05	cps
Rhodium	103-1	12097207	12143281	12078908	12106465	0.27	cps
Rhodium	103-2	7291369	7338442	7341126	7323646	0.38	cps
Scandium	45-1	7056021	7031945	7004015	7030660	0.37	cps
Scandium	45-2	622600	618880	610585	617355	1.00	cps
Selenium	82-1	324	372	326	341	7.95	cps
Selenium	77-2	73	107	83	88	19.49	cps
Selenium	78-2	527	507	437	490	9.64	cps
Silicon	28-1	8939573	9441242	8108509	8829775	7.62	cps
Silver	107-1	24043	24377	24230	24217	0.69	cps
Silver	109-1	22608	23289	23285	23061	1.70	cps
Sodium	23-2	9149869	9097158	9091554	9112860	0.35	cps
Strontium	86-1	858556	869644	867038	865079	0.67	cps
Strontium	88-1	7679377	7844459	7749983	7757940	1.07	cps
Sulfur	34-1	352060	352207	353578	352615	0.24	cps
Terbium	159-1	16751694	16873162	17002066	16875641	0.74	cps
Terbium	159-2	11668234	11688663	11600205	11652367	0.40	cps
Thallium	203-1	3530	3527	3551	3536	0.36	cps
Thallium	205-1	8166	8566	7956	8229	3.77	cps
Tin	118-1	403522	406265	403730	404505	0.38	cps
Titanium	47-1	798881	802351	794318	798517	0.50	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-07	Instrumnet Name :	P7
Client Sample ID :	MJNKA6D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:08:43	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55244	55827	55562	55544	0.53	cps
Vanadium	51-2	171087	170986	170720	170931	0.11	cps
Yttrium	89-1	20462987	20446147	20442039	20450391	0.05	cps
Yttrium	89-2	5583223	5621892	5602622	5602579	0.35	cps
Zinc	66-2	1716079	1720714	1690947	1709247	0.94	cps
Zirconium	90-1	66771	68750	66882	67468	1.65	cps
Zirconium	91-1	15903	15322	15482	15569	1.93	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA6L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:11:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	491531	489799	485991	489107	0.58	cps
Antimony	121-1	336449	336003	338297	336916	0.36	cps
Arsenic	75-2	28865	29272	28791	28976	0.89	cps
Barium	135-1	65064	64947	64783	64931	0.22	cps
Barium	137-1	113567	114171	113290	113676	0.40	cps
Beryllium	9-1	103	127	183	138	29.86	cps
Bismuth	209-1	9736894	9698850	9605883	9680542	0.70	cps
Bismuth	209-2	8372896	8341283	8334852	8349677	0.24	cps
Bromine	81-1	23115	23148	23279	23181	0.37	cps
Bromine	81-2	1840	1810	1810	1820	0.95	cps
Cadmium	108-1	70	97	113	93	23.42	cps
Cadmium	106-1	4938	4931	4614	4828	3.83	cps
Cadmium	111-1	1892	1857	1843	1864	1.36	cps
Calcium	43-1	190806	191883	192245	191645	0.39	cps
Calcium	44-1	3003355	3045270	2965141	3004589	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30304	30103	30387	30265	0.48	cps
Cobalt	59-2	54870	54759	54753	54794	0.12	cps
Copper	63-2	571768	574407	571403	572526	0.29	cps
Dysprosium	156-1	5311	5311	5338	5320	0.29	cps
Dysprosium	156-2	4414	4304	4571	4430	3.03	cps
Erbium	164-1	4574	4734	4497	4602	2.62	cps
Erbium	164-2	3564	3314	3267	3382	4.72	cps
Gadolinium	160-1	4881	5221	5261	5121	4.08	cps
Gadolinium	160-2	4524	4521	4411	4485	1.44	cps
Holmium	165-1	16220935	16030001	15985545	16078827	0.78	cps
Holmium	165-2	11579247	11616420	11518722	11571463	0.43	cps
Indium	115-1	13189385	13192506	13057202	13146365	0.59	cps
Indium	115-2	4990557	4953377	4916922	4953619	0.74	cps
Iron	56-2	30433207	30551140	30549054	30511133	0.22	cps
Iron	57-2	764652	762914	763279	763615	0.12	cps
Iron	54-2	1712165	1676108	1677028	1688433	1.22	cps
Krypton	83-1	230	167	240	212	18.74	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA6L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:11:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	708454	711769	706859	709027	0.35	cps
Lead	207-1	603836	605038	602526	603800	0.21	cps
Lead	208-1	2771108	2798997	2775083	2781729	0.54	cps
Lithium	6-1	1978876	1961958	1977065	1972633	0.47	cps
Magnesium	24-2	495217	498938	493864	496006	0.53	cps
Manganese	55-2	232329	234056	233500	233295	0.38	cps
Molybdenum	94-1	9793	10110	9850	9918	1.70	cps
Molybdenum	95-1	8950	9386	8826	9054	3.25	cps
Molybdenum	96-1	10731	10661	10624	10672	0.51	cps
Molybdenum	97-1	5648	5761	5738	5716	1.05	cps
Molybdenum	98-1	13893	14407	14324	14208	1.94	cps
Neodymium	150-1	8192	8232	8736	8387	3.61	cps
Neodymium	150-2	5478	5461	5004	5314	5.06	cps
Nickel	60-2	9556	9290	9890	9579	3.14	cps
Phosphorus	31-2	2564	2657	2604	2608	1.80	cps
Potassium	39-2	326798	327898	330095	328264	0.51	cps
Rhodium	103-1	12161896	12205881	12175248	12181008	0.19	cps
Rhodium	103-2	7312738	7406008	7314107	7344284	0.73	cps
Scandium	45-1	7029997	7064065	6998956	7031006	0.46	cps
Scandium	45-2	623828	624034	621489	623117	0.23	cps
Selenium	82-1	213	218	133	188	25.52	cps
Selenium	77-2	13	27	27	22	34.66	cps
Selenium	78-2	560	477	503	513	8.29	cps
Silicon	28-1	2308489	2901883	2321435	2510602	13.50	cps
Silver	107-1	4677	4771	4677	4709	1.14	cps
Silver	109-1	4781	4561	4627	4656	2.42	cps
Sodium	23-2	1885627	1884784	1868508	1879640	0.51	cps
Strontium	86-1	171058	172878	174166	172701	0.90	cps
Strontium	88-1	1534079	1542834	1538800	1538571	0.28	cps
Sulfur	34-1	223068	224782	221096	222982	0.83	cps
Terbium	159-1	16490243	16419735	16659180	16523053	0.74	cps
Terbium	159-2	11473817	11505776	11453331	11477641	0.23	cps
Thallium	203-1	853	870	820	848	3.00	cps
Thallium	205-1	2137	2084	2077	2099	1.57	cps
Tin	118-1	80473	80979	82575	81342	1.35	cps
Titanium	47-1	164400	162253	160978	162544	1.06	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA6L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:11:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10684	10451	11135	10757	3.23	cps
Vanadium	51-2	34800	34920	35362	35027	0.84	cps
Yttrium	89-1	20133638	19964488	19831383	19976503	0.76	cps
Yttrium	89-2	5498241	5574404	5574224	5548956	0.79	cps
Zinc	66-2	349879	348588	347752	348740	0.31	cps
Zirconium	90-1	14534	13393	13306	13744	4.98	cps
Zirconium	91-1	3164	3027	2940	3044	3.70	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06RE	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:15:06	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2540615	2477904	2498903	2505807	1.27	cps
Antimony	121-1	1716158	1731542	1749545	1732415	0.96	cps
Arsenic	75-2	146164	145309	143449	144974	0.96	cps
Barium	135-1	323681	328283	325294	325753	0.72	cps
Barium	137-1	561560	568088	566958	565535	0.62	cps
Beryllium	9-1	390	473	443	436	9.69	cps
Bismuth	209-1	9899332	10069657	9929093	9966027	0.91	cps
Bismuth	209-2	8294435	8351169	8388672	8344759	0.57	cps
Bromine	81-1	49523	50924	53577	51341	4.01	cps
Bromine	81-2	8022	7839	7762	7874	1.70	cps
Cadmium	108-1	463	537	623	541	14.80	cps
Cadmium	106-1	5788	5731	5558	5692	2.11	cps
Cadmium	111-1	5361	5444	5443	5416	0.88	cps
Calcium	43-1	942831	951224	944292	946116	0.47	cps
Calcium	44-1	14704093	15051762	14880994	14878950	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143357	143336	143336	143343	0.01	cps
Cobalt	59-2	271850	271022	271542	271471	0.15	cps
Copper	63-2	2878027	2920750	2850566	2883114	1.23	cps
Dysprosium	156-1	26485	27216	25603	26435	3.06	cps
Dysprosium	156-2	22518	22251	22642	22470	0.89	cps
Erbium	164-1	23253	22705	23343	23100	1.49	cps
Erbium	164-2	17017	16386	16934	16779	2.04	cps
Gadolinium	160-1	26018	25647	26041	25902	0.85	cps
Gadolinium	160-2	20682	20081	19641	20135	2.60	cps
Holmium	165-1	16589804	16414863	16448223	16484297	0.56	cps
Holmium	165-2	11916891	11800435	11854479	11857268	0.49	cps
Indium	115-1	13544953	13500842	13477140	13507645	0.25	cps
Indium	115-2	5044487	5032272	5115814	5064191	0.89	cps
Iron	56-2	152413481	150488878	151322254	151408204	0.64	cps
Iron	57-2	3760065	3747093	3768162	3758440	0.28	cps
Iron	54-2	8260081	8188321	8233093	8227165	0.44	cps
Krypton	83-1	187	257	257	233	17.32	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06RE	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:15:06	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3657873	3731047	3739006	3709308	1.21	cps
Lead	207-1	3128240	3237546	3263655	3209814	2.24	cps
Lead	208-1	14380288	14759354	14771614	14637085	1.52	cps
Lithium	6-1	2024560	1999897	2027346	2017268	0.75	cps
Magnesium	24-2	2626349	2554009	2587765	2589374	1.40	cps
Manganese	55-2	1151177	1152486	1144868	1149510	0.35	cps
Molybdenum	94-1	47042	47554	48567	47721	1.63	cps
Molybdenum	95-1	43020	43648	43123	43264	0.78	cps
Molybdenum	96-1	52628	51925	52035	52196	0.72	cps
Molybdenum	97-1	27082	26918	27329	27110	0.76	cps
Molybdenum	98-1	69340	70154	70479	69991	0.84	cps
Neodymium	150-1	43517	42591	42798	42969	1.13	cps
Neodymium	150-2	26435	26248	26091	26258	0.66	cps
Nickel	60-2	44409	44232	45245	44628	1.21	cps
Phosphorus	31-2	12986	12672	12989	12882	1.41	cps
Potassium	39-2	1391414	1351826	1370239	1371160	1.44	cps
Rhodium	103-1	12404034	12151474	12260252	12271920	1.03	cps
Rhodium	103-2	7444624	7279122	7393164	7372304	1.15	cps
Scandium	45-1	7176051	7136265	7167264	7159860	0.29	cps
Scandium	45-2	628985	627194	627732	627970	0.15	cps
Selenium	82-1	404	327	265	332	21.00	cps
Selenium	77-2	83	87	133	101	27.65	cps
Selenium	78-2	573	567	503	548	7.05	cps
Silicon	28-1	6971436	7165550	6983461	7040149	1.54	cps
Silver	107-1	23836	24454	24694	24328	1.82	cps
Silver	109-1	23105	23102	23162	23123	0.15	cps
Sodium	23-2	9131334	9112653	9099160	9114382	0.18	cps
Strontium	86-1	868925	862569	869859	867118	0.46	cps
Strontium	88-1	7746343	7739633	7653560	7713178	0.67	cps
Sulfur	34-1	359263	355331	357187	357261	0.55	cps
Terbium	159-1	16883171	16774508	16895957	16851212	0.40	cps
Terbium	159-2	11654846	11565036	11669699	11629860	0.49	cps
Thallium	203-1	3280	3357	3177	3272	2.76	cps
Thallium	205-1	7566	7916	7779	7753	2.28	cps
Tin	118-1	400230	403114	402293	401879	0.37	cps
Titanium	47-1	807074	808490	808414	807992	0.10	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-06RE	Instrumnet Name :	P7
Client Sample ID :	MJNKA6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:15:06	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54726	54528	55311	54855	0.74	cps
Vanadium	51-2	173841	171141	171454	172145	0.86	cps
Yttrium	89-1	20630947	20531391	20361068	20507802	0.67	cps
Yttrium	89-2	5723616	5666184	5644502	5678101	0.72	cps
Zinc	66-2	1745353	1747072	1737939	1743455	0.28	cps
Zirconium	90-1	63450	64380	63734	63855	0.75	cps
Zirconium	91-1	14300	14120	14584	14335	1.63	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:18:14	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29776	28356	28734	28955	2.54	cps
Antimony	121-1	3287	2914	2904	3035	7.20	cps
Arsenic	75-2	457	403	397	419	7.85	cps
Barium	135-1	3367	3614	3367	3449	4.13	cps
Barium	137-1	5995	6001	5951	5982	0.45	cps
Beryllium	9-1	110	57	90	86	31.49	cps
Bismuth	209-1	9787779	9747321	9794418	9776506	0.26	cps
Bismuth	209-2	8332812	8330357	8302614	8321928	0.20	cps
Bromine	81-1	18775	18578	18161	18505	1.69	cps
Bromine	81-2	940	877	970	929	5.13	cps
Cadmium	108-1	20	17	30	22	31.22	cps
Cadmium	106-1	4924	4934	4361	4740	6.93	cps
Cadmium	111-1	1013	1030	909	984	6.66	cps
Calcium	43-1	637944	634326	627469	633246	0.84	cps
Calcium	44-1	10102741	10112589	9815169	10010166	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5321	5134	5168	5208	1.91	cps
Cobalt	59-2	1960	1947	1917	1941	1.14	cps
Copper	63-2	30708	30655	30842	30735	0.31	cps
Dysprosium	156-1	680	793	743	739	7.69	cps
Dysprosium	156-2	500	493	563	519	7.45	cps
Erbium	164-1	1327	1280	1213	1273	4.47	cps
Erbium	164-2	900	880	813	864	5.25	cps
Gadolinium	160-1	867	867	937	890	4.54	cps
Gadolinium	160-2	1273	1257	1217	1249	2.33	cps
Holmium	165-1	16014864	16042659	15931292	15996272	0.36	cps
Holmium	165-2	11546039	11604124	11555609	11568591	0.27	cps
Indium	115-1	13184226	13113519	12956889	13084878	0.89	cps
Indium	115-2	4895709	4868025	4945692	4903142	0.80	cps
Iron	56-2	921038	914924	903623	913195	0.97	cps
Iron	57-2	33858	33942	34028	33943	0.25	cps
Iron	54-2	51879	51334	51307	51507	0.63	cps
Krypton	83-1	190	200	203	198	3.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:18:14	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3531	3167	2700	3133	13.29	cps
Lead	207-1	3300	2770	2447	2839	15.18	cps
Lead	208-1	14316	12666	11132	12705	12.54	cps
Lithium	6-1	1969383	1972747	1952466	1964865	0.55	cps
Magnesium	24-2	2007151	2005746	1992394	2001764	0.41	cps
Manganese	55-2	41668	41246	40638	41184	1.26	cps
Molybdenum	94-1	5171	4894	5188	5084	3.24	cps
Molybdenum	95-1	2970	3050	2920	2980	2.20	cps
Molybdenum	96-1	3757	3951	3754	3821	2.95	cps
Molybdenum	97-1	1850	1837	1967	1885	3.80	cps
Molybdenum	98-1	4934	5041	4978	4984	1.08	cps
Neodymium	150-1	773	763	737	758	2.50	cps
Neodymium	150-2	503	470	347	440	18.76	cps
Nickel	60-2	4361	3947	3897	4068	6.25	cps
Phosphorus	31-2	370	353	413	379	8.17	cps
Potassium	39-2	380167	373312	370709	374729	1.30	cps
Rhodium	103-1	12306116	12206670	12035203	12182663	1.12	cps
Rhodium	103-2	7204012	7080969	7104532	7129838	0.92	cps
Scandium	45-1	7147981	7030978	6928227	7035729	1.56	cps
Scandium	45-2	600415	596689	594491	597198	0.50	cps
Selenium	82-1	429	368	403	400	7.61	cps
Selenium	77-2	27	3	47	26	84.88	cps
Selenium	78-2	523	457	450	477	8.51	cps
Silicon	28-1	55445824	54859381	54206784	54837330	1.13	cps
Silver	107-1	213	213	217	214	0.90	cps
Silver	109-1	147	153	140	147	4.55	cps
Sodium	23-2	7012545	6834487	6864206	6903746	1.38	cps
Strontium	86-1	108294	108969	106491	107918	1.19	cps
Strontium	88-1	943053	933002	933062	936372	0.62	cps
Sulfur	34-1	365235	358360	355615	359737	1.38	cps
Terbium	159-1	16637548	16475184	16570721	16561151	0.49	cps
Terbium	159-2	11443737	11276321	11438835	11386297	0.84	cps
Thallium	203-1	327	257	307	297	12.15	cps
Thallium	205-1	813	737	670	740	9.69	cps
Tin	118-1	2624	2354	2477	2485	5.44	cps
Titanium	47-1	4101	4038	5799	4646	21.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:18:14	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3794	3597	3554	3648	3.51	cps
Vanadium	51-2	6001	5825	5838	5888	1.67	cps
Yttrium	89-1	20013721	19971515	19727506	19904247	0.78	cps
Yttrium	89-2	5469240	5372210	5439407	5426952	0.92	cps
Zinc	66-2	1603	1580	1507	1563	3.23	cps
Zirconium	90-1	15051	9370	9396	11272	29.03	cps
Zirconium	91-1	2147	2184	2014	2115	4.23	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:21:46	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13338558	13502165	13238330	13359685	1.00	cps
Antimony	121-1	5978637	5936758	5914407	5943267	0.55	cps
Arsenic	75-2	284193	284597	284743	284511	0.10	cps
Barium	135-1	7659125	7802674	7653211	7705003	1.10	cps
Barium	137-1	13296677	13384473	13229574	13303575	0.58	cps
Beryllium	9-1	692107	698844	683201	691384	1.13	cps
Bismuth	209-1	9039963	8890179	8846078	8925407	1.14	cps
Bismuth	209-2	7376085	7436273	7371236	7394531	0.49	cps
Bromine	81-1	14327	13666	13323	13772	3.71	cps
Bromine	81-2	183	220	167	190	14.36	cps
Cadmium	108-1	107639	108425	106414	107492	0.94	cps
Cadmium	106-1	155920	155431	153599	154983	0.79	cps
Cadmium	111-1	1456342	1472362	1435077	1454594	1.29	cps
Calcium	43-1	7599466	7510502	7376070	7495346	1.50	cps
Calcium	44-1	120303245	119088632	118072735	119154870	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2212247	2193252	2211021	2205507	0.48	cps
Cobalt	59-2	3457965	3405372	3420709	3428015	0.79	cps
Copper	63-2	24018147	23687526	23694915	23800196	0.79	cps
Dysprosium	156-1	360	327	323	337	6.02	cps
Dysprosium	156-2	520	470	613	534	13.61	cps
Erbium	164-1	277	437	333	349	23.25	cps
Erbium	164-2	173	237	277	229	22.76	cps
Gadolinium	160-1	280	327	277	294	9.49	cps
Gadolinium	160-2	730	750	820	767	6.16	cps
Holmium	165-1	15743903	15567170	15249638	15520237	1.61	cps
Holmium	165-2	11026115	10957851	11048209	11010725	0.43	cps
Indium	115-1	11946677	11751067	11497416	11731720	1.92	cps
Indium	115-2	4346374	4369476	4345590	4353813	0.31	cps
Iron	56-2	520514352	521307846	517880246	519900814	0.35	cps
Iron	57-2	13065948	13058020	13082309	13068759	0.09	cps
Iron	54-2	28271702	28191909	28119830	28194480	0.27	cps
Krypton	83-1	217	270	193	227	17.34	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:21:46	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23155875	23706759	23331154	23397929	1.20	cps
Lead	207-1	20241708	20485023	20384175	20370302	0.60	cps
Lead	208-1	92560281	94249281	93244757	93351439	0.91	cps
Lithium	6-1	1878368	1884400	1837462	1866743	1.37	cps
Magnesium	24-2	100463129	100765165	99171449	100133247	0.85	cps
Manganese	55-2	18044108	17903871	17942749	17963576	0.40	cps
Molybdenum	94-1	20266115	20540913	20242527	20349852	0.82	cps
Molybdenum	95-1	29604340	30078142	29450815	29711099	1.10	cps
Molybdenum	96-1	32393873	33047645	32100820	32514113	1.49	cps
Molybdenum	97-1	18487527	18782188	18264816	18511510	1.40	cps
Molybdenum	98-1	47725438	47982071	46867716	47525075	1.23	cps
Neodymium	150-1	503	463	507	491	4.91	cps
Neodymium	150-2	150	133	117	133	12.50	cps
Nickel	60-2	815856	810380	803088	809775	0.79	cps
Phosphorus	31-2	117489	115730	114991	116070	1.11	cps
Potassium	39-2	65633051	65091866	64460866	65061927	0.90	cps
Rhodium	103-1	10771875	10345023	10174609	10430502	2.95	cps
Rhodium	103-2	6055393	6093677	6044077	6064382	0.43	cps
Scandium	45-1	6657897	6341825	6340536	6446753	2.84	cps
Scandium	45-2	545571	540380	542377	542776	0.48	cps
Selenium	82-1	86587	86590	84860	86012	1.16	cps
Selenium	77-2	8929	8809	9040	8926	1.29	cps
Selenium	78-2	30314	31059	30228	30534	1.50	cps
Silicon	28-1	7681378	7651008	7425804	7586064	1.84	cps
Silver	107-1	7355186	7315793	7133091	7268024	1.63	cps
Silver	109-1	7014601	6982686	6808291	6935193	1.60	cps
Sodium	23-2	164964451	164360824	161687824	163671033	1.07	cps
Strontium	86-1	1906938	1883748	1860039	1883575	1.24	cps
Strontium	88-1	16347875	16479374	16030224	16285824	1.42	cps
Sulfur	34-1	572995	564719	549252	562322	2.14	cps
Terbium	159-1	16023334	15649615	15716818	15796589	1.26	cps
Terbium	159-2	10695079	10959027	10829465	10827857	1.22	cps
Thallium	203-1	5840123	5889244	5930432	5886600	0.77	cps
Thallium	205-1	13778059	14191354	14069187	14012867	1.52	cps
Tin	118-1	4970591	4983610	4928045	4960749	0.59	cps
Titanium	47-1	7068245	6991568	6945607	7001807	0.88	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:21:46	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18046361	18407110	18129769	18194413	1.04	cps
Vanadium	51-2	1987881	1985917	2002108	1991969	0.44	cps
Yttrium	89-1	18497569	18122901	17864726	18161732	1.75	cps
Yttrium	89-2	4893208	4883329	4877232	4884590	0.17	cps
Zinc	66-2	4124711	4065426	4142396	4110844	0.98	cps
Zirconium	90-1	9997753	10019802	9950890	9989482	0.35	cps
Zirconium	91-1	2210727	2263215	2176560	2216834	1.97	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:24:33	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	740	597	570	636	14.39	cps
Antimony	121-1	3934	3147	2710	3264	19.00	cps
Arsenic	75-2	10	30	20	20	50.00	cps
Barium	135-1	1503	843	483	943	54.84	cps
Barium	137-1	2594	1420	900	1638	52.97	cps
Beryllium	9-1	273	243	180	232	20.52	cps
Bismuth	209-1	9916044	9705718	9808862	9810208	1.07	cps
Bismuth	209-2	8239783	8258056	8258680	8252173	0.13	cps
Bromine	81-1	13012	12822	13143	12992	1.24	cps
Bromine	81-2	213	167	210	197	13.24	cps
Cadmium	108-1	30	30	13	24	39.37	cps
Cadmium	106-1	4611	4337	4331	4426	3.61	cps
Cadmium	111-1	1290	1071	989	1116	13.92	cps
Calcium	43-1	1823	1093	747	1221	45.01	cps
Calcium	44-1	31460	20778	14467	22235	38.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2040	2030	1823	1965	6.23	cps
Cobalt	59-2	163	137	117	139	16.86	cps
Copper	63-2	2237	1850	1890	1992	10.67	cps
Dysprosium	156-1	10	13	7	10	33.30	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	67	97	83	82	18.28	cps
Erbium	164-2	40	70	47	52	30.16	cps
Gadolinium	160-1	40	30	70	47	44.61	cps
Gadolinium	160-2	547	613	670	610	10.12	cps
Holmium	165-1	15636044	15567322	15712334	15638567	0.46	cps
Holmium	165-2	11259313	11303292	11365570	11309392	0.47	cps
Indium	115-1	12599290	12619021	12495664	12571325	0.53	cps
Indium	115-2	4652330	4687026	4712616	4683990	0.65	cps
Iron	56-2	37673	33818	30107	33866	11.17	cps
Iron	57-2	1397	1307	1177	1293	8.55	cps
Iron	54-2	3337	3030	3074	3147	5.27	cps
Krypton	83-1	157	160	223	180	20.87	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:24:33	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5361	3277	1994	3544	47.96	cps
Lead	207-1	4524	2764	1833	3040	44.94	cps
Lead	208-1	21047	12826	8458	14110	45.30	cps
Lithium	6-1	1941013	1938120	1944837	1941323	0.17	cps
Magnesium	24-2	3057	2584	2200	2614	16.42	cps
Manganese	55-2	880	733	710	774	11.90	cps
Molybdenum	94-1	5058	3304	2277	3546	39.65	cps
Molybdenum	95-1	6902	4344	2657	4634	46.12	cps
Molybdenum	96-1	7185	4564	2984	4911	43.21	cps
Molybdenum	97-1	4327	2714	1847	2963	42.49	cps
Molybdenum	98-1	10624	6455	4434	7171	44.02	cps
Neodymium	150-1	7	3	10	7	50.03	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	620	590	587	599	3.07	cps
Phosphorus	31-2	130	117	120	122	5.68	cps
Potassium	39-2	56076	54845	55046	55322	1.19	cps
Rhodium	103-1	11413794	11496695	11408144	11439545	0.43	cps
Rhodium	103-2	7018772	6846059	6871306	6912046	1.35	cps
Scandium	45-1	6298228	6422168	6443987	6388128	1.23	cps
Scandium	45-2	563932	563406	564603	563980	0.11	cps
Selenium	82-1	180	148	61	129	47.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	383	390	353	376	5.20	cps
Silicon	28-1	505261	506807	511120	507729	0.60	cps
Silver	107-1	2090	1333	930	1451	40.58	cps
Silver	109-1	1803	1320	760	1295	40.34	cps
Sodium	23-2	35932	35123	34111	35055	2.60	cps
Strontium	86-1	700	570	463	578	20.51	cps
Strontium	88-1	3257	2010	1243	2170	46.83	cps
Sulfur	34-1	163066	164703	165469	164413	0.75	cps
Terbium	159-1	16244377	16137066	16026732	16136059	0.67	cps
Terbium	159-2	11255178	11198415	11158176	11203923	0.43	cps
Thallium	203-1	1893	1427	997	1439	31.17	cps
Thallium	205-1	4891	3384	2550	3608	32.88	cps
Tin	118-1	2650	2264	1733	2216	20.77	cps
Titanium	47-1	1480	920	520	973	49.54	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:24:33	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3701	2174	1117	2330	55.75	cps
Vanadium	51-2	63	60	33	52	31.49	cps
Yttrium	89-1	18639071	18673745	18390906	18567907	0.83	cps
Yttrium	89-2	5213934	5166658	5130109	5170234	0.81	cps
Zinc	66-2	460	407	373	413	10.58	cps
Zirconium	90-1	3127	2520	1900	2516	24.38	cps
Zirconium	91-1	797	533	413	581	33.74	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:27:52	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27157	27167	27208	27177	0.10	cps
Antimony	121-1	3000	3077	2940	3006	2.28	cps
Arsenic	75-2	373	357	337	356	5.16	cps
Barium	135-1	3070	3087	3174	3110	1.78	cps
Barium	137-1	5354	5481	5504	5447	1.48	cps
Beryllium	9-1	120	87	100	102	16.41	cps
Bismuth	209-1	10091177	9854274	9938687	9961379	1.21	cps
Bismuth	209-2	8380056	8309649	8315518	8335074	0.47	cps
Bromine	81-1	15115	15542	15735	15464	2.05	cps
Bromine	81-2	760	723	763	749	2.96	cps
Cadmium	108-1	37	17	17	23	49.48	cps
Cadmium	106-1	4741	4321	4184	4415	6.57	cps
Cadmium	111-1	967	918	900	928	3.73	cps
Calcium	43-1	589182	592822	585923	589309	0.59	cps
Calcium	44-1	9273971	9333785	9243322	9283693	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5024	4954	5061	5013	1.08	cps
Cobalt	59-2	1823	1773	1720	1772	2.92	cps
Copper	63-2	29232	28500	28634	28789	1.35	cps
Dysprosium	156-1	683	733	710	709	3.53	cps
Dysprosium	156-2	497	490	507	498	1.69	cps
Erbium	164-1	1147	1227	1387	1253	9.75	cps
Erbium	164-2	897	943	887	909	3.33	cps
Gadolinium	160-1	873	753	923	850	10.28	cps
Gadolinium	160-2	1273	1353	1180	1269	6.84	cps
Holmium	165-1	16345379	15852829	16044889	16081032	1.54	cps
Holmium	165-2	11474401	11540721	11535956	11517026	0.32	cps
Indium	115-1	13007198	12645777	12709670	12787548	1.51	cps
Indium	115-2	4753878	4777554	4700860	4744098	0.83	cps
Iron	56-2	858342	864208	860917	861156	0.34	cps
Iron	57-2	31319	32515	32595	32143	2.22	cps
Iron	54-2	48892	48688	47842	48474	1.15	cps
Krypton	83-1	180	193	253	209	18.70	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:27:52	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2500	2417	2530	2482	2.37	cps
Lead	207-1	1957	2114	1890	1987	5.77	cps
Lead	208-1	9458	9481	9288	9409	1.12	cps
Lithium	6-1	2055310	1944441	1987597	1995782	2.80	cps
Magnesium	24-2	1974775	1907563	1981320	1954553	2.09	cps
Manganese	55-2	32475	31967	32278	32240	0.79	cps
Molybdenum	94-1	4844	5188	5061	5031	3.45	cps
Molybdenum	95-1	3137	2924	3087	3049	3.66	cps
Molybdenum	96-1	3761	3907	3771	3813	2.15	cps
Molybdenum	97-1	1820	1950	2064	1945	6.26	cps
Molybdenum	98-1	4868	4634	4971	4824	3.58	cps
Neodymium	150-1	620	747	717	694	9.53	cps
Neodymium	150-2	430	373	430	411	7.96	cps
Nickel	60-2	3727	3751	3604	3694	2.13	cps
Phosphorus	31-2	390	370	333	364	7.89	cps
Potassium	39-2	351094	354813	351605	352504	0.57	cps
Rhodium	103-1	11845296	11599736	11409724	11618252	1.88	cps
Rhodium	103-2	6949364	6958610	6920818	6942931	0.28	cps
Scandium	45-1	6781501	6510204	6597763	6629822	2.09	cps
Scandium	45-2	570483	570855	572967	571435	0.23	cps
Selenium	82-1	375	353	294	340	12.26	cps
Selenium	77-2	30	13	33	26	41.94	cps
Selenium	78-2	473	520	533	509	6.19	cps
Silicon	28-1	50612543	51145526	50782469	50846846	0.54	cps
Silver	107-1	287	340	320	316	8.54	cps
Silver	109-1	283	207	233	241	16.14	cps
Sodium	23-2	6602692	6569090	6543229	6571670	0.45	cps
Strontium	86-1	100594	102275	103292	102054	1.34	cps
Strontium	88-1	883511	892989	891247	889249	0.57	cps
Sulfur	34-1	325653	320504	314818	320325	1.69	cps
Terbium	159-1	16581142	16460162	16398198	16479834	0.56	cps
Terbium	159-2	11268397	11271269	11302120	11280596	0.17	cps
Thallium	203-1	623	570	553	582	6.28	cps
Thallium	205-1	1557	1433	1443	1478	4.64	cps
Tin	118-1	2360	2310	2357	2342	1.19	cps
Titanium	47-1	3464	3234	3367	3355	3.45	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:27:52	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3507	3794	3581	3627	4.11	cps
Vanadium	51-2	5694	5324	5388	5469	3.62	cps
Yttrium	89-1	19311300	19067732	19002915	19127316	0.85	cps
Yttrium	89-2	5213070	5202539	5168321	5194643	0.45	cps
Zinc	66-2	1230	1237	1260	1242	1.27	cps
Zirconium	90-1	9340	9226	9590	9385	1.98	cps
Zirconium	91-1	2120	2087	2060	2089	1.44	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:31:08	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5981	6673	5828	6161	7.31	cps
Antimony	121-1	933	817	847	866	7.00	cps
Arsenic	75-2	117	120	107	114	6.06	cps
Barium	135-1	837	730	620	729	14.87	cps
Barium	137-1	1123	1107	1203	1145	4.52	cps
Beryllium	9-1	117	77	73	89	27.13	cps
Bismuth	209-1	9934192	9792108	9674666	9800322	1.33	cps
Bismuth	209-2	8285798	8307318	8251042	8281386	0.34	cps
Bromine	81-1	13590	13827	13753	13723	0.88	cps
Bromine	81-2	273	300	243	272	10.41	cps
Cadmium	108-1	17	17	7	13	43.29	cps
Cadmium	106-1	4401	4177	4357	4312	2.75	cps
Cadmium	111-1	895	858	907	887	2.92	cps
Calcium	43-1	116540	117117	116522	116727	0.29	cps
Calcium	44-1	1850704	1859241	1847746	1852564	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2137	2154	2157	2149	0.50	cps
Cobalt	59-2	447	323	390	387	15.97	cps
Copper	63-2	9013	9200	9043	9085	1.10	cps
Dysprosium	156-1	147	160	163	157	5.63	cps
Dysprosium	156-2	70	120	133	108	30.98	cps
Erbium	164-1	357	333	330	340	4.27	cps
Erbium	164-2	260	190	170	207	22.87	cps
Gadolinium	160-1	220	187	250	219	14.47	cps
Gadolinium	160-2	737	777	783	766	3.30	cps
Holmium	165-1	15830411	15679355	15913640	15807802	0.75	cps
Holmium	165-2	11350796	11313833	11394755	11353128	0.36	cps
Indium	115-1	12620716	12415172	12453785	12496558	0.87	cps
Indium	115-2	4750406	4740519	4739338	4743421	0.13	cps
Iron	56-2	198148	198576	199308	198677	0.30	cps
Iron	57-2	7382	7309	7689	7460	2.70	cps
Iron	54-2	12499	12172	11998	12223	2.08	cps
Krypton	83-1	173	180	180	178	2.16	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:31:08	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1260	1370	1150	1260	8.73	cps
Lead	207-1	1200	1170	1133	1168	2.86	cps
Lead	208-1	5157	5330	4767	5085	5.68	cps
Lithium	6-1	1953301	1972180	1951823	1959101	0.58	cps
Magnesium	24-2	362734	367068	363182	364328	0.65	cps
Manganese	55-2	8146	8272	8346	8255	1.23	cps
Molybdenum	94-1	1447	1280	1327	1351	6.36	cps
Molybdenum	95-1	790	820	807	806	1.87	cps
Molybdenum	96-1	980	990	1053	1008	3.95	cps
Molybdenum	97-1	470	463	497	477	3.70	cps
Molybdenum	98-1	1200	1257	1260	1239	2.72	cps
Neodymium	150-1	153	160	200	171	14.75	cps
Neodymium	150-2	70	110	93	91	22.05	cps
Nickel	60-2	1080	923	1100	1034	9.35	cps
Phosphorus	31-2	137	167	147	150	10.18	cps
Potassium	39-2	109450	110544	108392	109462	0.98	cps
Rhodium	103-1	11499467	11449341	11459534	11469447	0.23	cps
Rhodium	103-2	6937959	6908852	7014105	6953639	0.78	cps
Scandium	45-1	6479919	6479471	6337061	6432150	1.28	cps
Scandium	45-2	564474	562696	566111	564427	0.30	cps
Selenium	82-1	182	183	146	170	12.42	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	383	363	450	399	11.38	cps
Silicon	28-1	10507616	10540972	10580288	10542959	0.35	cps
Silver	107-1	163	163	217	181	17.00	cps
Silver	109-1	110	133	147	130	14.28	cps
Sodium	23-2	1342737	1331267	1322821	1332275	0.75	cps
Strontium	86-1	20301	20401	20668	20457	0.93	cps
Strontium	88-1	174563	177392	176906	176287	0.86	cps
Sulfur	34-1	179565	179872	178577	179338	0.38	cps
Terbium	159-1	16093316	16076398	16205715	16125143	0.44	cps
Terbium	159-2	11233453	11222581	11327056	11261030	0.51	cps
Thallium	203-1	357	460	363	393	14.70	cps
Thallium	205-1	937	1003	950	963	3.66	cps
Tin	118-1	1763	1700	1723	1729	1.85	cps
Titanium	47-1	1080	1267	970	1106	13.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:31:08	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	710	773	777	753	4.99	cps
Vanadium	51-2	1023	1067	1157	1082	6.28	cps
Yttrium	89-1	18674560	18585503	18508508	18589524	0.45	cps
Yttrium	89-2	5159762	5127761	5202539	5163354	0.73	cps
Zinc	66-2	690	677	660	676	2.22	cps
Zirconium	90-1	2537	2514	2594	2548	1.62	cps
Zirconium	91-1	523	437	540	500	11.10	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:34:24	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540640	537975	542769	540462	0.44	cps
Antimony	121-1	1282961	1284750	1283386	1283699	0.07	cps
Arsenic	75-2	26123	26571	26814	26503	1.32	cps
Barium	135-1	6611553	6550327	6658703	6606861	0.82	cps
Barium	137-1	11420478	11460239	11386281	11422333	0.32	cps
Beryllium	9-1	77415	77498	77281	77398	0.14	cps
Bismuth	209-1	9292932	9822598	9891485	9669005	3.39	cps
Bismuth	209-2	8414333	8313832	8357974	8362046	0.60	cps
Bromine	81-1	15422	15658	16656	15912	4.12	cps
Bromine	81-2	880	837	890	869	3.26	cps
Cadmium	108-1	10671	10704	10824	10733	0.75	cps
Cadmium	106-1	19810	18846	19260	19305	2.51	cps
Cadmium	111-1	158980	160358	159019	159453	0.49	cps
Calcium	43-1	583773	588409	590575	587586	0.59	cps
Calcium	44-1	9097989	9256722	9298799	9217837	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	974989	974196	975466	974884	0.07	cps
Cobalt	59-2	3923653	3963987	3890840	3926160	0.93	cps
Copper	63-2	1338903	1349323	1349459	1345895	0.45	cps
Dysprosium	156-1	750	753	813	772	4.62	cps
Dysprosium	156-2	733	850	867	817	8.90	cps
Erbium	164-1	1250	1173	1257	1227	3.77	cps
Erbium	164-2	870	867	920	886	3.37	cps
Gadolinium	160-1	930	953	840	908	6.59	cps
Gadolinium	160-2	1177	1303	1120	1200	7.82	cps
Holmium	165-1	15096866	15957675	15925001	15659848	3.12	cps
Holmium	165-2	11614209	11548842	11539081	11567377	0.35	cps
Indium	115-1	11941040	12752934	12926156	12540043	4.19	cps
Indium	115-2	4744795	4774859	4821705	4780453	0.81	cps
Iron	56-2	5541846	5569830	5542367	5551347	0.29	cps
Iron	57-2	150417	150703	151700	150940	0.45	cps
Iron	54-2	338851	340005	339097	339318	0.18	cps
Krypton	83-1	177	193	200	190	6.32	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:34:24	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	203308	201642	204086	203012	0.62	cps
Lead	207-1	172915	173851	172757	173175	0.34	cps
Lead	208-1	801501	801880	806748	803376	0.36	cps
Lithium	6-1	1856318	1926238	1934541	1905699	2.25	cps
Magnesium	24-2	1894211	1897777	1931494	1907827	1.08	cps
Manganese	55-2	2040163	2033012	2064075	2045750	0.80	cps
Molybdenum	94-1	152579	153679	153805	153354	0.44	cps
Molybdenum	95-1	263813	264662	266814	265096	0.58	cps
Molybdenum	96-1	284014	282782	285043	283946	0.40	cps
Molybdenum	97-1	163799	165498	164299	164532	0.53	cps
Molybdenum	98-1	425484	427373	429697	427518	0.49	cps
Neodymium	150-1	980	960	1070	1003	5.84	cps
Neodymium	150-2	383	520	530	478	17.15	cps
Nickel	60-2	972199	980654	973015	975289	0.48	cps
Phosphorus	31-2	357	357	323	346	5.57	cps
Potassium	39-2	348505	350961	351530	350332	0.46	cps
Rhodium	103-1	10800017	11515380	11537206	11284201	3.72	cps
Rhodium	103-2	6999367	6946679	6962908	6969652	0.39	cps
Scandium	45-1	6048288	6501655	6589117	6379687	4.55	cps
Scandium	45-2	572038	572865	573359	572754	0.12	cps
Selenium	82-1	20139	20431	19929	20166	1.25	cps
Selenium	77-2	2230	2187	2080	2166	3.57	cps
Selenium	78-2	7832	7655	7909	7799	1.67	cps
Silicon	28-1	50519449	49939261	49727126	50061945	0.82	cps
Silver	107-1	806957	810742	808738	808812	0.23	cps
Silver	109-1	762532	771717	768152	767467	0.60	cps
Sodium	23-2	6426623	6463131	6491385	6460380	0.50	cps
Strontium	86-1	101064	101436	101060	101187	0.21	cps
Strontium	88-1	883269	883048	889108	885142	0.39	cps
Sulfur	34-1	308553	306259	305857	306890	0.47	cps
Terbium	159-1	15291219	16343914	16296501	15977211	3.72	cps
Terbium	159-2	11263158	11481234	11323151	11355848	0.99	cps
Thallium	203-1	622085	616990	621366	620147	0.44	cps
Thallium	205-1	1473105	1483360	1468463	1474976	0.52	cps
Tin	118-1	3477	3447	3497	3474	0.72	cps
Titanium	47-1	3828	3377	3444	3550	6.86	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:34:24	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3561	3557	3574	3564	0.25	cps
Vanadium	51-2	2180745	2180745	2186928	2182806	0.16	cps
Yttrium	89-1	17952822	18873118	18838216	18554719	2.81	cps
Yttrium	89-2	5279794	5204609	5203924	5229442	0.83	cps
Zinc	66-2	493004	494522	492827	493451	0.19	cps
Zirconium	90-1	9493	9116	8990	9200	2.85	cps
Zirconium	91-1	2170	2167	2080	2139	2.39	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02	Instrumnet Name :	P7
Client Sample ID :	ME2928	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:37:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8776	8282	8663	8574	3.02	cps
Antimony	121-1	763	577	477	606	24.03	cps
Arsenic	75-2	30	27	23	27	12.51	cps
Barium	135-1	3784	3020	2250	3018	25.41	cps
Barium	137-1	6295	5008	4261	5188	19.83	cps
Beryllium	9-1	117	83	87	96	19.21	cps
Bismuth	209-1	9934941	9823805	9847697	9868814	0.59	cps
Bismuth	209-2	8271292	8386965	8317370	8325209	0.70	cps
Bromine	81-1	13606	13323	13103	13344	1.89	cps
Bromine	81-2	87	133	127	116	21.84	cps
Cadmium	108-1	23	13	7	14	58.06	cps
Cadmium	106-1	4487	4227	4377	4364	2.99	cps
Cadmium	111-1	949	890	935	925	3.30	cps
Calcium	43-1	4154	3777	3851	3927	5.09	cps
Calcium	44-1	70195	68272	67670	68712	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3720	3751	3817	3763	1.32	cps
Cobalt	59-2	550	533	470	518	8.15	cps
Copper	63-2	2047	1847	1957	1950	5.14	cps
Dysprosium	156-1	97	93	117	102	12.35	cps
Dysprosium	156-2	77	103	93	91	14.79	cps
Erbium	164-1	163	160	170	164	3.10	cps
Erbium	164-2	97	100	103	100	3.33	cps
Gadolinium	160-1	153	123	110	129	17.22	cps
Gadolinium	160-2	690	750	720	720	4.17	cps
Holmium	165-1	16093861	15946638	15676820	15905773	1.33	cps
Holmium	165-2	11402686	11534945	11413228	11450286	0.64	cps
Indium	115-1	12859850	12907110	12797285	12854749	0.43	cps
Indium	115-2	4742933	4793147	4709175	4748418	0.89	cps
Iron	56-2	252531	250887	255924	253114	1.01	cps
Iron	57-2	6842	6708	6892	6814	1.39	cps
Iron	54-2	15265	15118	14821	15068	1.50	cps
Krypton	83-1	183	163	167	171	6.26	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02	Instrumnet Name :	P7
Client Sample ID :	ME2928	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:37:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2467	2434	2347	2416	2.56	cps
Lead	207-1	1937	1987	1890	1938	2.50	cps
Lead	208-1	9258	9311	9035	9201	1.60	cps
Lithium	6-1	1940745	1971880	1898928	1937184	1.89	cps
Magnesium	24-2	11995	12045	12041	12027	0.23	cps
Manganese	55-2	9386	9613	9486	9495	1.20	cps
Molybdenum	94-1	640	693	627	653	5.40	cps
Molybdenum	95-1	507	310	363	393	25.86	cps
Molybdenum	96-1	483	510	527	507	4.31	cps
Molybdenum	97-1	247	270	173	230	21.93	cps
Molybdenum	98-1	617	643	637	632	2.19	cps
Neodymium	150-1	143	153	173	157	9.75	cps
Neodymium	150-2	93	60	63	72	25.42	cps
Nickel	60-2	743	777	800	773	3.68	cps
Phosphorus	31-2	677	633	613	641	5.05	cps
Potassium	39-2	60677	60523	60640	60613	0.13	cps
Rhodium	103-1	11815399	11643090	11526995	11661828	1.24	cps
Rhodium	103-2	7050160	7067617	6891588	7003122	1.38	cps
Scandium	45-1	6555777	6568376	6516174	6546776	0.42	cps
Scandium	45-2	572432	575290	569951	572558	0.47	cps
Selenium	82-1	114	201	105	140	37.79	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	483	403	437	441	9.11	cps
Silicon	28-1	834326	810408	812022	818918	1.63	cps
Silver	107-1	650	493	470	538	18.20	cps
Silver	109-1	507	450	353	437	17.76	cps
Sodium	23-2	116714	115532	115445	115897	0.61	cps
Strontium	86-1	1673	1717	1710	1700	1.37	cps
Strontium	88-1	12525	12189	12205	12306	1.54	cps
Sulfur	34-1	143873	146490	147662	146008	1.33	cps
Terbium	159-1	16386894	16184891	16150229	16240672	0.79	cps
Terbium	159-2	11241809	11342622	11231218	11271883	0.55	cps
Thallium	203-1	530	483	380	464	16.53	cps
Thallium	205-1	1353	1090	913	1119	19.79	cps
Tin	118-1	2544	2544	2614	2567	1.57	cps
Titanium	47-1	887	907	840	878	3.90	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02	Instrumnet Name :	P7
Client Sample ID :	ME2928	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:37:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170	183	173	176	3.95	cps
Vanadium	51-2	473	483	367	441	14.66	cps
Yttrium	89-1	19155486	19114046	18770220	19013250	1.11	cps
Yttrium	89-2	5198072	5233904	5172298	5201425	0.59	cps
Zinc	66-2	2554	2540	2624	2572	1.74	cps
Zirconium	90-1	1157	1247	943	1116	13.97	cps
Zirconium	91-1	323	290	220	278	18.99	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-03	Instrumnet Name :	P7
Client Sample ID :	ME2928D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:40:50	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9280	8966	9303	9183	2.05	cps
Antimony	121-1	2650	2494	2577	2574	3.05	cps
Arsenic	75-2	30	30	33	31	6.18	cps
Barium	135-1	1657	1607	1823	1696	6.69	cps
Barium	137-1	3094	2867	2974	2978	3.81	cps
Beryllium	9-1	60	53	63	59	8.65	cps
Bismuth	209-1	9868800	9774813	9820433	9821349	0.48	cps
Bismuth	209-2	8358911	8254018	8304820	8305916	0.63	cps
Bromine	81-1	13563	12859	13423	13282	2.81	cps
Bromine	81-2	70	87	80	79	10.64	cps
Cadmium	108-1	7	10	17	11	45.82	cps
Cadmium	106-1	4454	4377	4227	4353	2.65	cps
Cadmium	111-1	920	906	858	895	3.65	cps
Calcium	43-1	4001	3914	3917	3944	1.25	cps
Calcium	44-1	67904	68176	68175	68085	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4014	4037	4077	4043	0.79	cps
Cobalt	59-2	283	290	263	279	4.98	cps
Copper	63-2	1690	1803	1857	1783	4.77	cps
Dysprosium	156-1	83	117	83	94	20.38	cps
Dysprosium	156-2	117	93	97	102	12.35	cps
Erbium	164-1	177	163	180	173	5.09	cps
Erbium	164-2	117	113	130	120	7.35	cps
Gadolinium	160-1	150	170	157	159	6.41	cps
Gadolinium	160-2	713	693	717	708	1.78	cps
Holmium	165-1	15584555	15549613	15653391	15595853	0.34	cps
Holmium	165-2	11401447	11372014	11355009	11376156	0.21	cps
Indium	115-1	12638984	12662086	12547269	12616113	0.48	cps
Indium	115-2	4791449	4761770	4787368	4780196	0.34	cps
Iron	56-2	262271	261670	261082	261674	0.23	cps
Iron	57-2	7302	7332	7082	7238	1.89	cps
Iron	54-2	16132	15798	15158	15696	3.15	cps
Krypton	83-1	180	147	170	166	10.33	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-03	Instrumnet Name :	P7
Client Sample ID :	ME2928D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:40:50	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2304	2367	2274	2315	2.06	cps
Lead	207-1	1947	1900	1900	1916	1.41	cps
Lead	208-1	9055	8885	8918	8952	1.01	cps
Lithium	6-1	1935870	1936513	1920238	1930873	0.48	cps
Magnesium	24-2	11938	12465	12462	12288	2.47	cps
Manganese	55-2	8009	7919	7932	7953	0.61	cps
Molybdenum	94-1	723	700	607	677	9.13	cps
Molybdenum	95-1	297	363	243	301	19.97	cps
Molybdenum	96-1	387	447	397	410	7.84	cps
Molybdenum	97-1	200	160	157	172	14.00	cps
Molybdenum	98-1	440	517	580	512	13.69	cps
Neodymium	150-1	157	123	173	151	16.85	cps
Neodymium	150-2	80	100	97	92	11.62	cps
Nickel	60-2	713	700	713	709	1.09	cps
Phosphorus	31-2	643	690	670	668	3.51	cps
Potassium	39-2	60320	61105	60382	60603	0.72	cps
Rhodium	103-1	11681479	11399004	11466552	11515678	1.28	cps
Rhodium	103-2	6988068	6936486	7010684	6978413	0.54	cps
Scandium	45-1	6559883	6481181	6494872	6511979	0.65	cps
Scandium	45-2	576455	573605	568694	572918	0.69	cps
Selenium	82-1	136	194	104	145	31.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	467	330	420	406	17.13	cps
Silicon	28-1	822163	829425	840698	830762	1.12	cps
Silver	107-1	237	173	197	202	15.84	cps
Silver	109-1	180	183	153	172	9.55	cps
Sodium	23-2	117299	116201	117370	116957	0.56	cps
Strontium	86-1	1753	1660	1663	1692	3.13	cps
Strontium	88-1	12529	12455	12232	12405	1.25	cps
Sulfur	34-1	152340	152479	152091	152303	0.13	cps
Terbium	159-1	16195876	16104225	16146943	16149014	0.28	cps
Terbium	159-2	11029459	11249300	11187881	11155547	1.02	cps
Thallium	203-1	293	300	283	292	2.87	cps
Thallium	205-1	743	627	617	662	10.63	cps
Tin	118-1	2547	2757	2687	2664	4.02	cps
Titanium	47-1	1037	1444	1030	1170	20.26	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-03	Instrumnet Name :	P7
Client Sample ID :	ME2928D	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:40:50	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	130	190	150	157	19.50	cps
Vanadium	51-2	377	347	363	362	4.15	cps
Yttrium	89-1	18913792	18719619	18939174	18857528	0.64	cps
Yttrium	89-2	5220389	5172592	5184818	5192600	0.48	cps
Zinc	66-2	2624	2707	2630	2654	1.75	cps
Zirconium	90-1	1213	1080	1363	1219	11.63	cps
Zirconium	91-1	240	243	290	258	10.85	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02LX5	Instrumnet Name :	P7
Client Sample ID :	ME2928L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:44:12	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2504	1930	1907	2114	16.00	cps
Antimony	121-1	190	193	147	177	14.74	cps
Arsenic	75-2	150	13	3	56	147.51	cps
Barium	135-1	370	343	383	366	5.57	cps
Barium	137-1	647	660	717	674	5.51	cps
Beryllium	9-1	50	23	47	40	36.33	cps
Bismuth	209-1	9885554	9673563	9662595	9740571	1.29	cps
Bismuth	209-2	8317308	8324842	8303697	8315282	0.13	cps
Bromine	81-1	13580	13153	13767	13500	2.33	cps
Bromine	81-2	123	107	117	116	7.26	cps
Cadmium	108-1	10	27	17	18	47.19	cps
Cadmium	106-1	4391	4517	4401	4436	1.59	cps
Cadmium	111-1	891	908	879	893	1.66	cps
Calcium	43-1	1043	1167	1020	1077	7.32	cps
Calcium	44-1	18885	19756	19179	19273	2.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2367	2500	2484	2450	2.97	cps
Cobalt	59-2	270	177	163	203	28.58	cps
Copper	63-2	77516	77312	75647	76825	1.33	cps
Dysprosium	156-1	20	30	30	27	21.65	cps
Dysprosium	156-2	20	17	30	22	31.22	cps
Erbium	164-1	83	147	87	106	33.77	cps
Erbium	164-2	60	77	30	56	42.57	cps
Gadolinium	160-1	110	70	77	86	25.05	cps
Gadolinium	160-2	617	643	553	604	7.65	cps
Holmium	165-1	15781648	15706959	15708407	15732338	0.27	cps
Holmium	165-2	11358383	11490776	11377008	11408722	0.63	cps
Indium	115-1	12775525	12554134	12507199	12612286	1.14	cps
Indium	115-2	4812783	4788240	4807810	4802944	0.27	cps
Iron	56-2	177806	170808	169092	172569	2.67	cps
Iron	57-2	5154	4934	4784	4958	3.76	cps
Iron	54-2	11511	10534	10844	10963	4.56	cps
Krypton	83-1	140	250	150	180	33.80	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02LX5	Instrumnet Name :	P7
Client Sample ID :	ME2928L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:44:12	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	833	723	730	762	8.09	cps
Lead	207-1	670	683	630	661	4.20	cps
Lead	208-1	3160	3210	2967	3112	4.13	cps
Lithium	6-1	1945437	1938163	1902796	1928799	1.18	cps
Magnesium	24-2	4556	3170	3204	3643	21.70	cps
Manganese	55-2	2880	2674	2614	2722	5.14	cps
Molybdenum	94-1	407	413	433	418	3.32	cps
Molybdenum	95-1	240	313	277	277	13.25	cps
Molybdenum	96-1	347	383	313	348	10.07	cps
Molybdenum	97-1	157	123	163	148	14.50	cps
Molybdenum	98-1	480	473	440	464	4.61	cps
Neodymium	150-1	33	13	20	22	45.83	cps
Neodymium	150-2	27	10	33	23	51.50	cps
Nickel	60-2	15438	15768	15808	15672	1.30	cps
Phosphorus	31-2	250	220	280	250	12.00	cps
Potassium	39-2	54116	52159	52891	53055	1.86	cps
Rhodium	103-1	11656196	11660530	11659442	11658723	0.02	cps
Rhodium	103-2	6999420	6993823	6990121	6994455	0.07	cps
Scandium	45-1	6672794	6501248	6595969	6590004	1.30	cps
Scandium	45-2	576843	576580	577537	576987	0.09	cps
Selenium	82-1	227	99	162	163	39.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	467	480	343	430	17.52	cps
Silicon	28-1	597852	608201	597658	601237	1.00	cps
Silver	107-1	157	150	120	142	13.73	cps
Silver	109-1	80	83	80	81	2.37	cps
Sodium	23-2	44069	39313	39932	41105	6.29	cps
Strontium	86-1	630	580	633	614	4.86	cps
Strontium	88-1	2710	2624	2607	2647	2.10	cps
Sulfur	34-1	159549	159465	161577	160197	0.75	cps
Terbium	159-1	16182037	16124692	15963285	16090005	0.70	cps
Terbium	159-2	11091217	11166625	11127326	11128389	0.34	cps
Thallium	203-1	283	250	180	238	22.18	cps
Thallium	205-1	610	677	510	599	14.01	cps
Tin	118-1	1547	1407	1537	1497	5.22	cps
Titanium	47-1	273	257	260	263	3.35	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-02LX5	Instrumnet Name :	P7
Client Sample ID :	ME2928L	Dilution Factor :	5
Date & Time Acquired :	2024-12-27 19:44:12	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	33	77	54	39.84	cps
Vanadium	51-2	167	77	100	114	40.81	cps
Yttrium	89-1	19065075	19076958	18846481	18996171	0.68	cps
Yttrium	89-2	5237816	5235974	5265497	5246429	0.32	cps
Zinc	66-2	883	707	710	767	13.18	cps
Zirconium	90-1	773	763	820	786	3.85	cps
Zirconium	91-1	163	163	137	154	9.97	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-04	Instrumnet Name :	P7
Client Sample ID :	ME2928S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:47:32	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531428	530312	527935	529891	0.34	cps
Antimony	121-1	1259470	1264603	1271710	1265261	0.49	cps
Arsenic	75-2	26410	26343	26634	26463	0.57	cps
Barium	135-1	6532344	6570484	6464466	6522432	0.82	cps
Barium	137-1	11208480	11373955	11312802	11298412	0.74	cps
Beryllium	9-1	75418	75780	76631	75943	0.82	cps
Bismuth	209-1	9729984	9636830	9937875	9768230	1.58	cps
Bismuth	209-2	8348005	8304071	8317537	8323204	0.27	cps
Bromine	81-1	13686	13400	13553	13546	1.06	cps
Bromine	81-2	143	157	180	160	11.60	cps
Cadmium	108-1	11011	11234	11044	11097	1.09	cps
Cadmium	106-1	19280	19403	19293	19325	0.35	cps
Cadmium	111-1	158960	159020	161635	159872	0.96	cps
Calcium	43-1	4494	4624	4571	4563	1.43	cps
Calcium	44-1	73765	73514	73832	73703	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	990826	985312	981441	985860	0.48	cps
Cobalt	59-2	3994941	4003547	3960696	3986395	0.57	cps
Copper	63-2	1336523	1336692	1324908	1332707	0.51	cps
Dysprosium	156-1	127	197	137	153	24.69	cps
Dysprosium	156-2	377	353	437	389	11.05	cps
Erbium	164-1	173	180	193	182	5.59	cps
Erbium	164-2	143	117	127	129	10.45	cps
Gadolinium	160-1	133	133	170	146	14.54	cps
Gadolinium	160-2	730	700	797	742	6.67	cps
Holmium	165-1	15923457	15755474	15758848	15812593	0.61	cps
Holmium	165-2	11450648	11492815	11469178	11470880	0.18	cps
Indium	115-1	12806843	12752965	12727346	12762385	0.32	cps
Indium	115-2	4866178	4835079	4814371	4838543	0.54	cps
Iron	56-2	5026715	4928194	5040976	4998628	1.23	cps
Iron	57-2	125603	125623	126056	125761	0.20	cps
Iron	54-2	310517	311475	309101	310364	0.38	cps
Krypton	83-1	157	213	193	188	15.31	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-04	Instrumnet Name :	P7
Client Sample ID :	ME2928S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:47:32	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	197207	195968	199109	197428	0.80	cps
Lead	207-1	167494	171724	171869	170362	1.46	cps
Lead	208-1	779104	782244	790152	783834	0.73	cps
Lithium	6-1	1978222	1952948	1970637	1967269	0.66	cps
Magnesium	24-2	12622	12025	12472	12373	2.51	cps
Manganese	55-2	2049727	1985204	2035179	2023370	1.67	cps
Molybdenum	94-1	2437	2470	2470	2459	0.78	cps
Molybdenum	95-1	3697	3757	3520	3658	3.36	cps
Molybdenum	96-1	3600	3831	3914	3782	4.29	cps
Molybdenum	97-1	2320	2174	2184	2226	3.68	cps
Molybdenum	98-1	5788	6008	5705	5833	2.69	cps
Neodymium	150-1	443	480	453	459	4.13	cps
Neodymium	150-2	127	113	137	126	9.33	cps
Nickel	60-2	990737	985715	975931	984127	0.77	cps
Phosphorus	31-2	687	630	677	664	4.55	cps
Potassium	39-2	64707	63910	63713	64110	0.82	cps
Rhodium	103-1	11831804	11750395	11717902	11766700	0.50	cps
Rhodium	103-2	7170080	7030808	7059108	7086665	1.04	cps
Scandium	45-1	6696183	6665647	6620031	6660621	0.58	cps
Scandium	45-2	592120	588817	579912	586950	1.08	cps
Selenium	82-1	20276	20057	20294	20209	0.65	cps
Selenium	77-2	2244	2297	2184	2241	2.53	cps
Selenium	78-2	7939	7882	7582	7801	2.46	cps
Silicon	28-1	833188	848970	876537	852898	2.57	cps
Silver	107-1	802279	814320	813354	809984	0.83	cps
Silver	109-1	769715	771904	769720	770446	0.16	cps
Sodium	23-2	120147	121306	120470	120641	0.50	cps
Strontium	86-1	1727	1800	1757	1761	2.09	cps
Strontium	88-1	13389	12922	13166	13159	1.78	cps
Sulfur	34-1	159752	159405	157708	158955	0.69	cps
Terbium	159-1	16384435	16188139	16285611	16286062	0.60	cps
Terbium	159-2	11299116	11352687	11144487	11265430	0.96	cps
Thallium	203-1	596588	601707	596346	598213	0.51	cps
Thallium	205-1	1410306	1429926	1435297	1425176	0.92	cps
Tin	118-1	4214	4154	3917	4095	3.83	cps
Titanium	47-1	1043	963	1120	1042	7.52	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-04	Instrumnet Name :	P7
Client Sample ID :	ME2928S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:47:32	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	177	193	140	170	16.05	cps
Vanadium	51-2	2190826	2200335	2198840	2196667	0.23	cps
Yttrium	89-1	19215037	19094386	18951759	19087061	0.69	cps
Yttrium	89-2	5255227	5317240	5260199	5277555	0.65	cps
Zinc	66-2	496208	492797	494551	494519	0.34	cps
Zirconium	90-1	1811	1844	1293	1650	18.73	cps
Zirconium	91-1	423	413	393	410	3.73	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5254-12	Instrumnet Name :	P7
Client Sample ID :	MJNLG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:50:45	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943	990	1050	994	5.38	cps
Antimony	121-1	530	583	433	516	14.75	cps
Arsenic	75-2	13	13	20	16	24.76	cps
Barium	135-1	2114	1613	1213	1647	27.39	cps
Barium	137-1	3731	3110	2014	2951	29.46	cps
Beryllium	9-1	77	113	97	96	19.21	cps
Bismuth	209-1	9825616	9567880	9640410	9677968	1.37	cps
Bismuth	209-2	8232436	8267671	8284050	8261386	0.32	cps
Bromine	81-1	13700	13443	13393	13512	1.22	cps
Bromine	81-2	90	63	113	89	28.15	cps
Cadmium	108-1	10	23	10	14	53.28	cps
Cadmium	106-1	4554	4391	4354	4433	2.40	cps
Cadmium	111-1	991	912	921	941	4.59	cps
Calcium	43-1	677	743	720	713	4.74	cps
Calcium	44-1	14701	14674	14737	14704	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3010	2704	2997	2904	5.97	cps
Cobalt	59-2	430	353	293	359	19.09	cps
Copper	63-2	1480	1350	1410	1413	4.60	cps
Dysprosium	156-1	3	20	20	14	66.64	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	97	113	73	94	21.28	cps
Erbium	164-2	63	63	53	60	9.62	cps
Gadolinium	160-1	53	57	77	62	20.29	cps
Gadolinium	160-2	657	553	543	584	10.74	cps
Holmium	165-1	15908512	15551824	15203486	15554607	2.27	cps
Holmium	165-2	11479052	11386673	11385739	11417154	0.47	cps
Indium	115-1	12749953	12632810	12681315	12688026	0.46	cps
Indium	115-2	4903424	4849505	4794551	4849160	1.12	cps
Iron	56-2	50986	50605	50210	50600	0.77	cps
Iron	57-2	1863	1717	1757	1779	4.26	cps
Iron	54-2	4321	3951	4475	4249	6.34	cps
Krypton	83-1	123	150	150	141	10.91	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5254-12	Instrumnet Name :	P7
Client Sample ID :	MJNLG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:50:45	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1190	1310	1277	1259	4.92	cps
Lead	207-1	1120	1060	1033	1071	4.14	cps
Lead	208-1	5007	5077	4927	5004	1.50	cps
Lithium	6-1	1947934	1922681	1900117	1923577	1.24	cps
Magnesium	24-2	2260	2237	1983	2160	7.10	cps
Manganese	55-2	4524	4444	4341	4436	2.07	cps
Molybdenum	94-1	417	347	423	396	10.74	cps
Molybdenum	95-1	270	333	367	323	15.19	cps
Molybdenum	96-1	317	400	387	368	12.17	cps
Molybdenum	97-1	203	180	157	180	12.96	cps
Molybdenum	98-1	550	480	483	504	7.83	cps
Neodymium	150-1	17	37	13	22	56.80	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	943	897	947	929	3.01	cps
Phosphorus	31-2	113	153	147	138	15.55	cps
Potassium	39-2	52727	52728	53584	53013	0.93	cps
Rhodium	103-1	11651686	11701339	11538066	11630364	0.72	cps
Rhodium	103-2	7123726	7182554	7018649	7108310	1.17	cps
Scandium	45-1	6612618	6621951	6608722	6614430	0.10	cps
Scandium	45-2	581865	588568	583037	584490	0.61	cps
Selenium	82-1	225	152	151	176	23.91	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	447	433	473	451	4.52	cps
Silicon	28-1	557188	572583	574237	568003	1.66	cps
Silver	107-1	627	567	380	524	24.53	cps
Silver	109-1	527	440	390	452	15.29	cps
Sodium	23-2	36640	36450	37024	36705	0.80	cps
Strontium	86-1	417	403	393	404	2.90	cps
Strontium	88-1	1197	1157	1157	1170	1.97	cps
Sulfur	34-1	156313	159795	161560	159223	1.68	cps
Terbium	159-1	16125387	16198279	15945335	16089667	0.81	cps
Terbium	159-2	11312804	11289539	11117411	11239918	0.95	cps
Thallium	203-1	580	443	393	472	20.46	cps
Thallium	205-1	1173	1170	893	1079	14.90	cps
Tin	118-1	2597	8149	2657	4468	71.36	cps
Titanium	47-1	123	177	113	138	24.71	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5254-12	Instrumnet Name :	P7
Client Sample ID :	MJNLG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:50:45	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	10	30	22	48.22	cps
Vanadium	51-2	200	180	83	154	40.40	cps
Yttrium	89-1	19065368	19174363	19011914	19083882	0.43	cps
Yttrium	89-2	5316620	5271447	5218710	5268926	0.93	cps
Zinc	66-2	1203	1150	1363	1239	8.96	cps
Zirconium	90-1	770	747	740	752	2.09	cps
Zirconium	91-1	160	117	163	147	17.75	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-07	Instrumnet Name :	P7
Client Sample ID :	MJNLC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:54:04	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	1043	1010	1040	2.74	cps
Antimony	121-1	510	423	467	467	9.29	cps
Arsenic	75-2	293	280	273	282	3.61	cps
Barium	135-1	1333	1553	1557	1481	8.64	cps
Barium	137-1	2824	2780	2710	2771	2.06	cps
Beryllium	9-1	40	93	97	77	41.48	cps
Bismuth	209-1	10153300	10092467	10208369	10151379	0.57	cps
Bismuth	209-2	8673234	8780541	8610445	8688073	0.99	cps
Bromine	81-1	14484	14294	14627	14468	1.16	cps
Bromine	81-2	90	107	93	97	9.13	cps
Cadmium	108-1	13	3	27	14	81.07	cps
Cadmium	106-1	4647	4357	4247	4417	4.68	cps
Cadmium	111-1	970	889	868	909	5.96	cps
Calcium	43-1	2003	2194	2214	2137	5.42	cps
Calcium	44-1	38128	38809	39060	38666	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2897	2914	2924	2911	0.46	cps
Cobalt	59-2	120	107	127	118	8.65	cps
Copper	63-2	4041	3897	4201	4046	3.75	cps
Dysprosium	156-1	20	20	20	20	0.00	cps
Dysprosium	156-2	7	23	7	12	78.69	cps
Erbium	164-1	117	90	63	90	29.63	cps
Erbium	164-2	53	60	103	72	37.59	cps
Gadolinium	160-1	50	67	47	54	19.68	cps
Gadolinium	160-2	563	597	693	618	10.93	cps
Holmium	165-1	16539954	16326773	16692268	16519665	1.11	cps
Holmium	165-2	11880538	11933686	11811435	11875219	0.52	cps
Indium	115-1	13404025	13048093	13121512	13191210	1.42	cps
Indium	115-2	4957508	5039360	4916170	4971013	1.26	cps
Iron	56-2	55525	54224	54465	54738	1.26	cps
Iron	57-2	1837	1890	1927	1885	2.40	cps
Iron	54-2	4437	4397	4361	4398	0.87	cps
Krypton	83-1	117	187	157	153	22.90	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-07	Instrumnet Name :	P7
Client Sample ID :	MJNLC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:54:04	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2107	2227	2424	2252	7.10	cps
Lead	207-1	1717	1933	2097	1916	9.95	cps
Lead	208-1	8118	9071	9518	8902	8.04	cps
Lithium	6-1	1888407	1871071	1874350	1877943	0.49	cps
Magnesium	24-2	5268	5664	5568	5500	3.76	cps
Manganese	55-2	2507	2567	2670	2581	3.20	cps
Molybdenum	94-1	723	910	670	768	16.41	cps
Molybdenum	95-1	257	257	263	259	1.49	cps
Molybdenum	96-1	473	427	417	439	6.89	cps
Molybdenum	97-1	207	123	200	177	26.21	cps
Molybdenum	98-1	443	460	540	481	10.74	cps
Neodymium	150-1	10	20	20	17	34.64	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	747	753	813	771	4.76	cps
Phosphorus	31-2	140	130	203	158	25.21	cps
Potassium	39-2	54638	54915	54494	54682	0.39	cps
Rhodium	103-1	12250603	12000254	12296097	12182318	1.31	cps
Rhodium	103-2	7347179	7412306	7375567	7378351	0.44	cps
Scandium	45-1	6775699	6807749	6735983	6773144	0.53	cps
Scandium	45-2	588062	589797	588591	588817	0.15	cps
Selenium	82-1	240	149	209	199	23.19	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	397	397	427	407	4.26	cps
Silicon	28-1	579248	585397	588102	584249	0.78	cps
Silver	107-1	340	350	410	367	10.33	cps
Silver	109-1	250	323	263	279	14.01	cps
Sodium	23-2	123174	124958	124726	124286	0.78	cps
Strontium	86-1	680	713	697	697	2.39	cps
Strontium	88-1	4014	4017	4064	4032	0.69	cps
Sulfur	34-1	43686223	43497728	43964003	43715984	0.54	cps
Terbium	159-1	16852827	16756294	16969319	16859480	0.63	cps
Terbium	159-2	11753125	11764053	11699084	11738754	0.30	cps
Thallium	203-1	647	1183	1533	1121	39.84	cps
Thallium	205-1	1687	2667	3564	2639	35.57	cps
Tin	118-1	74796	75845	76793	75811	1.32	cps
Titanium	47-1	450	393	400	414	7.47	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5255-07	Instrumnet Name :	P7
Client Sample ID :	MJNLC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:54:04	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	17	30	26	30.11	cps
Vanadium	51-2	1250	1337	1393	1327	5.44	cps
Yttrium	89-1	19818944	19753932	19485422	19686099	0.90	cps
Yttrium	89-2	5407194	5410015	5424050	5413753	0.17	cps
Zinc	66-2	1040	890	997	976	7.91	cps
Zirconium	90-1	1610	1583	1617	1603	1.10	cps
Zirconium	91-1	410	353	343	369	9.75	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-04	Instrumnet Name :	P7
Client Sample ID :	MJNC00	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:57:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20337	19920	20173	20143	1.04	cps
Antimony	121-1	5641	5848	5685	5725	1.90	cps
Arsenic	75-2	227	223	183	211	11.42	cps
Barium	135-1	106558	107747	105954	106753	0.85	cps
Barium	137-1	185047	186810	185139	185665	0.53	cps
Beryllium	9-1	87	50	57	64	30.31	cps
Bismuth	209-1	10458634	9953318	10016129	10142693	2.72	cps
Bismuth	209-2	8306402	8403698	8282822	8330974	0.77	cps
Bromine	81-1	18772	19483	20761	19672	5.12	cps
Bromine	81-2	1340	1303	1503	1382	7.70	cps
Cadmium	108-1	23	40	43	36	30.14	cps
Cadmium	106-1	4841	4864	4224	4643	7.82	cps
Cadmium	111-1	1349	1283	1087	1240	11.02	cps
Calcium	43-1	1706245	1658697	1633928	1666290	2.21	cps
Calcium	44-1	27010122	27053563	26379747	26814477	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33049	33404	33277	33243	0.54	cps
Cobalt	59-2	1913	1950	2053	1972	3.68	cps
Copper	63-2	28250	28874	27889	28338	1.76	cps
Dysprosium	156-1	410	397	433	413	4.49	cps
Dysprosium	156-2	390	287	303	327	16.98	cps
Erbium	164-1	573	447	490	503	12.79	cps
Erbium	164-2	397	333	377	369	8.78	cps
Gadolinium	160-1	490	533	557	527	6.42	cps
Gadolinium	160-2	947	970	983	967	1.92	cps
Holmium	165-1	17014433	16375174	16307233	16565613	2.36	cps
Holmium	165-2	11624312	11666041	11673552	11654635	0.23	cps
Indium	115-1	13750473	13208745	12894871	13284697	3.26	cps
Indium	115-2	4827014	4794915	4800124	4807351	0.36	cps
Iron	56-2	853152	847032	841694	847293	0.68	cps
Iron	57-2	49508	49966	49331	49601	0.66	cps
Iron	54-2	47802	48809	48461	48357	1.06	cps
Krypton	83-1	167	207	183	186	10.83	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-04	Instrumnet Name :	P7
Client Sample ID :	MJNC00	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:57:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32913	33805	33591	33437	1.39	cps
Lead	207-1	28049	28600	29505	28718	2.56	cps
Lead	208-1	129909	132318	132945	131724	1.22	cps
Lithium	6-1	1924824	1845433	1841533	1870597	2.51	cps
Magnesium	24-2	4958408	4901203	4909727	4923113	0.63	cps
Manganese	55-2	63389	63386	61796	62857	1.46	cps
Molybdenum	94-1	4721	4788	4537	4682	2.77	cps
Molybdenum	95-1	4684	4447	4261	4464	4.75	cps
Molybdenum	96-1	5381	5168	5334	5294	2.12	cps
Molybdenum	97-1	3034	2874	2700	2869	5.81	cps
Molybdenum	98-1	7305	7405	7562	7424	1.74	cps
Neodymium	150-1	593	590	487	557	10.89	cps
Neodymium	150-2	340	347	347	344	1.12	cps
Nickel	60-2	15345	15301	15338	15328	0.15	cps
Phosphorus	31-2	503	497	463	488	4.39	cps
Potassium	39-2	2001052	1993831	1967404	1987429	0.89	cps
Rhodium	103-1	12593432	11983744	11950496	12175891	2.97	cps
Rhodium	103-2	6969471	7034966	7037843	7014093	0.55	cps
Scandium	45-1	7283762	6847787	6752576	6961375	4.07	cps
Scandium	45-2	575942	577389	578772	577368	0.25	cps
Selenium	82-1	312	276	261	283	9.31	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	377	463	490	443	13.37	cps
Silicon	28-1	78312582	77595509	76991596	77633229	0.85	cps
Silver	107-1	300	273	307	293	6.01	cps
Silver	109-1	263	250	230	248	6.77	cps
Sodium	23-2	2795260	2828740	2811511	2811837	0.60	cps
Strontium	86-1	693947	705691	693967	697869	0.97	cps
Strontium	88-1	6210440	6188213	6266503	6221719	0.65	cps
Sulfur	34-1	305360	298320	287970	297217	2.94	cps
Terbium	159-1	17774421	16828661	16833393	17145491	3.18	cps
Terbium	159-2	11491204	11464410	11448412	11468009	0.19	cps
Thallium	203-1	680	590	650	640	7.16	cps
Thallium	205-1	1683	1620	1420	1575	8.73	cps
Tin	118-1	2917	3004	3067	2996	2.51	cps
Titanium	47-1	3777	3414	3584	3592	5.06	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-04	Instrumnet Name :	P7
Client Sample ID :	MJNC00	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 19:57:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9427	9660	9740	9609	1.70	cps
Vanadium	51-2	3190	3207	3197	3198	0.26	cps
Yttrium	89-1	20924041	20068169	19706281	20232830	3.09	cps
Yttrium	89-2	5298981	5297645	5347626	5314751	0.54	cps
Zinc	66-2	8356	8839	8576	8590	2.82	cps
Zirconium	90-1	5601	5821	5544	5656	2.59	cps
Zirconium	91-1	1173	1230	1273	1226	4.09	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-01	Instrumnet Name :	P7
Client Sample ID :	ME2927	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:00:38	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	960	920	932	2.59	cps
Antimony	121-1	157	150	150	152	2.53	cps
Arsenic	75-2	23	17	27	22	22.91	cps
Barium	135-1	177	210	200	196	8.75	cps
Barium	137-1	407	310	333	350	14.41	cps
Beryllium	9-1	53	60	93	69	31.11	cps
Bismuth	209-1	10084059	9917542	10030156	10010586	0.85	cps
Bismuth	209-2	8549673	8464927	8460036	8491546	0.59	cps
Bromine	81-1	14147	13970	14074	14063	0.63	cps
Bromine	81-2	107	97	143	116	21.26	cps
Cadmium	108-1	17	13	20	17	20.01	cps
Cadmium	106-1	4481	4367	4221	4356	2.99	cps
Cadmium	111-1	938	884	864	895	4.28	cps
Calcium	43-1	780	817	813	803	2.52	cps
Calcium	44-1	16299	16339	15828	16155	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2814	3010	2674	2833	5.97	cps
Cobalt	59-2	90	107	83	93	12.88	cps
Copper	63-2	2187	2350	2264	2267	3.61	cps
Dysprosium	156-1	13	10	10	11	17.30	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	57	63	73	64	13.01	cps
Erbium	164-2	50	90	63	68	30.05	cps
Gadolinium	160-1	63	53	30	49	34.99	cps
Gadolinium	160-2	610	647	643	633	3.20	cps
Holmium	165-1	16414215	16287484	16157494	16286398	0.79	cps
Holmium	165-2	11715967	11654946	11652716	11674543	0.31	cps
Indium	115-1	13306829	13045670	12820996	13057832	1.86	cps
Indium	115-2	4837330	4793682	4815645	4815552	0.45	cps
Iron	56-2	43570	43947	44124	43880	0.65	cps
Iron	57-2	1580	1623	1473	1559	4.95	cps
Iron	54-2	3717	3884	3747	3783	2.35	cps
Krypton	83-1	233	143	180	186	24.39	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-01	Instrumnet Name :	P7
Client Sample ID :	ME2927	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:00:38	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1447	1443	1480	1457	1.39	cps
Lead	207-1	1140	1283	1257	1227	6.21	cps
Lead	208-1	5631	5674	5587	5631	0.77	cps
Lithium	6-1	1909888	1861879	1878250	1883339	1.30	cps
Magnesium	24-2	1823	1840	1743	1802	2.87	cps
Manganese	55-2	2847	3037	2947	2944	3.23	cps
Molybdenum	94-1	410	373	427	403	6.77	cps
Molybdenum	95-1	257	313	220	263	17.86	cps
Molybdenum	96-1	333	353	380	356	6.59	cps
Molybdenum	97-1	130	167	187	161	17.84	cps
Molybdenum	98-1	347	403	473	408	15.56	cps
Neodymium	150-1	13	10	13	12	15.73	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	757	777	770	768	1.33	cps
Phosphorus	31-2	187	170	133	163	16.70	cps
Potassium	39-2	51958	50641	50992	51197	1.33	cps
Rhodium	103-1	11982059	11878439	11786064	11882187	0.83	cps
Rhodium	103-2	7106901	6994753	7175413	7092356	1.29	cps
Scandium	45-1	6607783	6531126	6526474	6555128	0.70	cps
Scandium	45-2	569146	570669	569654	569823	0.14	cps
Selenium	82-1	95	194	105	131	41.32	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	457	427	367	417	11.00	cps
Silicon	28-1	568861	573060	579058	573660	0.89	cps
Silver	107-1	143	173	117	144	19.63	cps
Silver	109-1	107	123	113	114	7.33	cps
Sodium	23-2	34612	34198	34522	34444	0.63	cps
Strontium	86-1	553	537	543	544	1.54	cps
Strontium	88-1	1840	1893	1870	1868	1.43	cps
Sulfur	34-1	152667	153953	153347	153322	0.42	cps
Terbium	159-1	16687964	16438287	16466546	16530932	0.83	cps
Terbium	159-2	11396043	11332107	11356517	11361556	0.28	cps
Thallium	203-1	370	427	380	392	7.71	cps
Thallium	205-1	763	743	683	730	5.70	cps
Tin	118-1	2227	2264	2107	2199	3.73	cps
Titanium	47-1	127	107	73	102	26.36	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5354-01	Instrumnet Name :	P7
Client Sample ID :	ME2927	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:00:38	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	30	30	24	39.37	cps
Vanadium	51-2	30	77	23	43	67.07	cps
Yttrium	89-1	19439939	19356962	18997242	19264714	1.22	cps
Yttrium	89-2	5216216	5219623	5232078	5222639	0.16	cps
Zinc	66-2	937	983	883	934	5.36	cps
Zirconium	90-1	757	723	713	731	3.10	cps
Zirconium	91-1	170	147	157	158	7.42	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-14	Instrumnet Name :	P7
Client Sample ID :	MJNLE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:04:01	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1713	1880	1960	1851	6.80	cps
Antimony	121-1	2160	1997	1977	2045	4.92	cps
Arsenic	75-2	160	100	117	126	24.67	cps
Barium	135-1	1067	1070	1187	1108	6.17	cps
Barium	137-1	1873	1977	2050	1967	4.51	cps
Beryllium	9-1	47	47	37	43	13.32	cps
Bismuth	209-1	9737727	9715541	9652085	9701784	0.46	cps
Bismuth	209-2	8185901	8162487	8234392	8194260	0.45	cps
Bromine	81-1	170274	209833	232113	204073	15.35	cps
Bromine	81-2	48011	49412	50282	49235	2.33	cps
Cadmium	108-1	20	27	13	20	33.35	cps
Cadmium	106-1	4357	4554	4341	4417	2.69	cps
Cadmium	111-1	906	924	894	908	1.63	cps
Calcium	43-1	104993	107218	107031	106414	1.16	cps
Calcium	44-1	1656963	1701238	1675407	1677869	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2384	2427	2254	2355	3.83	cps
Cobalt	59-2	463	423	400	429	7.47	cps
Copper	63-2	3831	3854	3844	3843	0.30	cps
Dysprosium	156-1	50	37	40	42	16.43	cps
Dysprosium	156-2	53	43	27	41	32.76	cps
Erbium	164-1	93	83	83	87	6.66	cps
Erbium	164-2	63	47	97	69	36.96	cps
Gadolinium	160-1	93	70	87	83	14.42	cps
Gadolinium	160-2	690	630	623	648	5.67	cps
Holmium	165-1	16077372	15937411	16230753	16081845	0.91	cps
Holmium	165-2	11609539	11402991	11639067	11550532	1.11	cps
Indium	115-1	12637681	12509218	12418313	12521737	0.88	cps
Indium	115-2	4677292	4754032	4785111	4738812	1.17	cps
Iron	56-2	100305	100019	99909	100078	0.20	cps
Iron	57-2	4507	4741	4731	4660	2.83	cps
Iron	54-2	6772	6511	6785	6689	2.30	cps
Krypton	83-1	107	170	213	163	32.84	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-14	Instrumnet Name :	P7
Client Sample ID :	MJNLE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:04:01	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3594	3604	3521	3573	1.27	cps
Lead	207-1	2940	3014	3097	3017	2.60	cps
Lead	208-1	13893	13946	14036	13959	0.52	cps
Lithium	6-1	1826726	1870032	1903814	1866857	2.07	cps
Magnesium	24-2	4431135	4418148	4440634	4429972	0.25	cps
Manganese	55-2	3801	3867	3864	3844	0.98	cps
Molybdenum	94-1	697	763	723	728	4.61	cps
Molybdenum	95-1	773	927	973	891	11.74	cps
Molybdenum	96-1	1093	1103	933	1043	9.14	cps
Molybdenum	97-1	490	603	530	541	10.62	cps
Molybdenum	98-1	1560	1553	1470	1528	3.28	cps
Neodymium	150-1	33	70	23	42	58.20	cps
Neodymium	150-2	20	20	30	23	24.74	cps
Nickel	60-2	1913	1917	1847	1892	2.09	cps
Phosphorus	31-2	220	187	153	187	17.86	cps
Potassium	39-2	1884802	1875732	1901444	1887326	0.69	cps
Rhodium	103-1	11373897	11297260	11445480	11372212	0.65	cps
Rhodium	103-2	6881570	6884325	6910186	6892027	0.23	cps
Scandium	45-1	6437064	6525044	6515248	6492452	0.74	cps
Scandium	45-2	570957	568176	570453	569862	0.26	cps
Selenium	82-1	293	191	162	215	32.08	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	460	423	403	429	6.70	cps
Silicon	28-1	631187	653481	665799	650156	2.70	cps
Silver	107-1	203	193	210	202	4.15	cps
Silver	109-1	113	133	100	116	14.52	cps
Sodium	23-2	61528714	61036079	61122919	61229237	0.43	cps
Strontium	86-1	237317	240347	238634	238766	0.64	cps
Strontium	88-1	2167348	2155558	2197994	2173634	1.01	cps
Sulfur	34-1	470951	478131	478892	475991	0.92	cps
Terbium	159-1	16333229	16119941	16464387	16305853	1.07	cps
Terbium	159-2	11428508	11349494	11300130	11359377	0.57	cps
Thallium	203-1	297	300	240	279	12.09	cps
Thallium	205-1	613	773	703	697	11.51	cps
Tin	118-1	2224	2230	2150	2201	2.02	cps
Titanium	47-1	427	457	463	449	4.35	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-14	Instrumnet Name :	P7
Client Sample ID :	MJNLE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:04:01	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	993	960	1077	1010	5.95	cps
Vanadium	51-2	247	290	203	247	17.57	cps
Yttrium	89-1	18961834	18755793	19191333	18969653	1.15	cps
Yttrium	89-2	5170212	5135228	5194502	5166647	0.58	cps
Zinc	66-2	1640	1653	1560	1618	3.12	cps
Zirconium	90-1	707	717	783	736	5.67	cps
Zirconium	91-1	110	167	207	161	30.15	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-15	Instrumnet Name :	P7
Client Sample ID :	MJNLF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:07:17	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2394	2547	2364	2435	4.04	cps
Antimony	121-1	1273	1423	1373	1357	5.63	cps
Arsenic	75-2	80	80	63	74	12.93	cps
Barium	135-1	543	577	503	541	6.79	cps
Barium	137-1	1007	923	1023	984	5.44	cps
Beryllium	9-1	53	70	57	60	14.70	cps
Bismuth	209-1	9775272	9600159	9673688	9683040	0.91	cps
Bismuth	209-2	8140197	8349004	8127294	8205498	1.52	cps
Bromine	81-1	205362	247015	273914	242097	14.27	cps
Bromine	81-2	56052	57615	58080	57249	1.86	cps
Cadmium	108-1	10	10	23	14	53.28	cps
Cadmium	106-1	4794	4417	4401	4537	4.90	cps
Cadmium	111-1	983	901	905	930	4.98	cps
Calcium	43-1	109820	109216	111177	110071	0.91	cps
Calcium	44-1	1721297	1730426	1737615	1729780	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2494	2774	2777	2681	6.07	cps
Cobalt	59-2	403	413	290	369	18.57	cps
Copper	63-2	1720	1707	1897	1775	5.98	cps
Dysprosium	156-1	33	40	10	28	56.71	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	110	130	113	118	9.10	cps
Erbium	164-2	57	67	43	56	21.08	cps
Gadolinium	160-1	70	70	83	74	10.34	cps
Gadolinium	160-2	647	617	670	644	4.15	cps
Holmium	165-1	16232316	16315316	15977081	16174904	1.09	cps
Holmium	165-2	11477146	11684628	11520590	11560788	0.95	cps
Indium	115-1	12738107	12597170	12518519	12617932	0.88	cps
Indium	115-2	4782965	4761532	4804939	4783145	0.45	cps
Iron	56-2	48374	48702	48645	48574	0.36	cps
Iron	57-2	3634	3814	3544	3664	3.75	cps
Iron	54-2	3801	3874	3921	3865	1.57	cps
Krypton	83-1	197	183	180	187	4.72	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-15	Instrumnet Name :	P7
Client Sample ID :	MJNLF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:07:17	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1223	1197	1260	1227	2.59	cps
Lead	207-1	1167	1010	957	1044	10.45	cps
Lead	208-1	4920	4750	4860	4844	1.78	cps
Lithium	6-1	1909106	1874811	1908742	1897553	1.04	cps
Magnesium	24-2	4619914	4554563	4536735	4570404	0.96	cps
Manganese	55-2	10674	10921	10127	10574	3.84	cps
Molybdenum	94-1	743	807	830	793	5.65	cps
Molybdenum	95-1	900	887	890	892	0.78	cps
Molybdenum	96-1	1113	1120	1070	1101	2.47	cps
Molybdenum	97-1	577	573	603	584	2.81	cps
Molybdenum	98-1	1507	1637	1453	1532	6.16	cps
Neodymium	150-1	43	27	30	33	26.45	cps
Neodymium	150-2	13	3	33	17	91.67	cps
Nickel	60-2	1547	1653	1607	1602	3.34	cps
Phosphorus	31-2	213	220	177	203	11.47	cps
Potassium	39-2	1924524	1904643	1916587	1915251	0.52	cps
Rhodium	103-1	11573629	11558137	11524170	11551979	0.22	cps
Rhodium	103-2	6923362	6980015	6893395	6932258	0.63	cps
Scandium	45-1	6604056	6589621	6630360	6608012	0.31	cps
Scandium	45-2	578956	580284	579479	579573	0.12	cps
Selenium	82-1	216	264	245	241	9.99	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	437	400	410	416	4.56	cps
Silicon	28-1	649674	683530	671935	668380	2.57	cps
Silver	107-1	170	137	177	161	13.30	cps
Silver	109-1	103	100	133	112	16.36	cps
Sodium	23-2	63719262	62689649	62659642	63022851	0.96	cps
Strontium	86-1	245792	248354	245744	246630	0.61	cps
Strontium	88-1	2205711	2190798	2199941	2198817	0.34	cps
Sulfur	34-1	491419	504363	501599	499127	1.37	cps
Terbium	159-1	16532304	16203931	16196007	16310747	1.18	cps
Terbium	159-2	11410163	11352179	11368366	11376903	0.26	cps
Thallium	203-1	307	253	267	276	10.07	cps
Thallium	205-1	690	597	520	602	14.14	cps
Tin	118-1	1780	1693	1737	1737	2.50	cps
Titanium	47-1	260	333	297	297	12.36	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-15	Instrumnet Name :	P7
Client Sample ID :	MJNLF9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:07:17	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	977	927	997	967	3.73	cps
Vanadium	51-2	203	290	240	244	17.80	cps
Yttrium	89-1	19266893	18985048	18955607	19069183	0.90	cps
Yttrium	89-2	5259873	5242071	5205620	5235855	0.53	cps
Zinc	66-2	697	827	743	756	8.72	cps
Zirconium	90-1	687	817	710	738	9.39	cps
Zirconium	91-1	113	133	143	130	11.75	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-16	Instrumnet Name :	P7
Client Sample ID :	MJNLG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:10:36	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110	930	1010	1017	8.87	cps
Antimony	121-1	1097	1123	1040	1087	3.92	cps
Arsenic	75-2	40	47	30	39	21.57	cps
Barium	135-1	203	180	157	180	12.96	cps
Barium	137-1	370	337	290	332	12.10	cps
Beryllium	9-1	70	40	57	56	27.06	cps
Bismuth	209-1	10513307	9902766	9884514	10100195	3.54	cps
Bismuth	209-2	8216307	8392897	8352896	8320700	1.11	cps
Bromine	81-1	67597	65310	63034	65314	3.49	cps
Bromine	81-2	9170	9360	9033	9187	1.79	cps
Cadmium	108-1	17	3	7	9	78.08	cps
Cadmium	106-1	4741	4751	4281	4591	5.85	cps
Cadmium	111-1	964	975	863	934	6.66	cps
Calcium	43-1	17367	17740	17644	17584	1.10	cps
Calcium	44-1	287261	288092	290213	288522	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2290	2434	2440	2388	3.55	cps
Cobalt	59-2	340	357	340	346	2.79	cps
Copper	63-2	1700	1527	1673	1633	5.71	cps
Dysprosium	156-1	27	20	17	21	24.12	cps
Dysprosium	156-2	23	13	20	19	26.96	cps
Erbium	164-1	117	90	97	101	13.73	cps
Erbium	164-2	70	67	43	60	24.22	cps
Gadolinium	160-1	67	67	80	71	10.82	cps
Gadolinium	160-2	567	677	627	623	8.84	cps
Holmium	165-1	16774239	15922885	15860378	16185834	3.15	cps
Holmium	165-2	11470550	11647855	11585500	11567968	0.78	cps
Indium	115-1	13426880	12858985	12837939	13041268	2.56	cps
Indium	115-2	4840858	4842006	4852992	4845285	0.14	cps
Iron	56-2	39886	39772	40040	39899	0.34	cps
Iron	57-2	1617	1937	1823	1792	9.05	cps
Iron	54-2	3537	3710	3480	3576	3.35	cps
Krypton	83-1	180	170	203	184	9.28	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-16	Instrumnet Name :	P7
Client Sample ID :	MJNLG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:10:36	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1340	1363	1397	1367	2.08	cps
Lead	207-1	1153	1020	1123	1099	6.37	cps
Lead	208-1	5170	5150	5457	5259	3.26	cps
Lithium	6-1	2006389	1939030	1954609	1966676	1.79	cps
Magnesium	24-2	688585	685867	687268	687240	0.20	cps
Manganese	55-2	1923	2037	1957	1972	2.95	cps
Molybdenum	94-1	430	503	417	450	10.37	cps
Molybdenum	95-1	463	420	407	430	6.89	cps
Molybdenum	96-1	460	500	473	478	4.26	cps
Molybdenum	97-1	227	237	257	240	6.36	cps
Molybdenum	98-1	650	673	680	668	2.36	cps
Neodymium	150-1	27	13	10	17	52.93	cps
Neodymium	150-2	7	27	7	13	86.58	cps
Nickel	60-2	1390	1490	1517	1466	4.56	cps
Phosphorus	31-2	173	187	133	164	16.88	cps
Potassium	39-2	358621	357385	356943	357650	0.24	cps
Rhodium	103-1	12377892	11833664	11676776	11962778	3.08	cps
Rhodium	103-2	7024035	7114024	7020333	7052798	0.75	cps
Scandium	45-1	6924289	6621082	6531883	6692418	3.07	cps
Scandium	45-2	577878	578287	579172	578446	0.11	cps
Selenium	82-1	206	162	145	171	18.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	480	383	377	413	13.99	cps
Silicon	28-1	578574	581083	583512	581056	0.42	cps
Silver	107-1	93	137	107	112	19.78	cps
Silver	109-1	93	67	97	86	19.22	cps
Sodium	23-2	10063128	10066412	10033079	10054206	0.18	cps
Strontium	86-1	39045	39760	38874	39227	1.20	cps
Strontium	88-1	335388	339727	337078	337398	0.65	cps
Sulfur	34-1	228144	228743	228905	228597	0.18	cps
Terbium	159-1	17015304	16545597	16477944	16679615	1.75	cps
Terbium	159-2	11407253	11326192	11415252	11382899	0.43	cps
Thallium	203-1	283	337	233	284	18.17	cps
Thallium	205-1	720	683	583	662	10.68	cps
Tin	118-1	1833	1693	1637	1721	5.88	cps
Titanium	47-1	307	287	260	284	8.23	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-16	Instrumnet Name :	P7
Client Sample ID :	MJNLG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:10:36	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	220	193	230	214	8.84	cps
Vanadium	51-2	210	170	140	173	20.26	cps
Yttrium	89-1	20160503	19170157	19183753	19504805	2.91	cps
Yttrium	89-2	5254950	5345719	5189627	5263432	1.49	cps
Zinc	66-2	593	650	563	602	7.31	cps
Zirconium	90-1	753	763	643	720	9.25	cps
Zirconium	91-1	140	93	133	122	20.65	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-20	Instrumnet Name :	P7
Client Sample ID :	MJNLC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:13:55	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1613	1690	1720	1675	3.29	cps
Antimony	121-1	290	230	310	277	15.05	cps
Arsenic	75-2	3	10	20	11	75.52	cps
Barium	135-1	193	113	140	149	27.36	cps
Barium	137-1	257	260	273	263	3.35	cps
Beryllium	9-1	67	50	50	56	17.32	cps
Bismuth	209-1	10077254	9969552	9962725	10003177	0.64	cps
Bismuth	209-2	8294311	8388276	8361824	8348137	0.58	cps
Bromine	81-1	25208	24587	22778	24191	5.22	cps
Bromine	81-2	1787	1847	1663	1766	5.29	cps
Cadmium	108-1	13	13	3	10	57.75	cps
Cadmium	106-1	4721	4577	4344	4547	4.18	cps
Cadmium	111-1	988	933	883	935	5.62	cps
Calcium	43-1	1023	967	933	974	4.67	cps
Calcium	44-1	18895	19079	19179	19051	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2334	2424	2447	2401	2.49	cps
Cobalt	59-2	137	103	147	129	17.61	cps
Copper	63-2	1607	1523	1670	1600	4.60	cps
Dysprosium	156-1	27	7	30	21	59.77	cps
Dysprosium	156-2	7	20	17	14	48.02	cps
Erbium	164-1	90	87	113	97	15.03	cps
Erbium	164-2	57	70	63	63	10.52	cps
Gadolinium	160-1	63	50	43	52	19.50	cps
Gadolinium	160-2	557	633	597	596	6.44	cps
Holmium	165-1	16206828	15910285	15966482	16027865	0.98	cps
Holmium	165-2	11454061	11448990	11467348	11456799	0.08	cps
Indium	115-1	12895069	12860936	12745528	12833845	0.61	cps
Indium	115-2	4832224	4783307	4839561	4818364	0.63	cps
Iron	56-2	31105	31757	31520	31461	1.05	cps
Iron	57-2	1317	1493	1263	1358	8.87	cps
Iron	54-2	2964	3080	2950	2998	2.39	cps
Krypton	83-1	200	127	153	160	23.20	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-20	Instrumnet Name :	P7
Client Sample ID :	MJNLC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:13:55	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1190	1077	1113	1127	5.13	cps
Lead	207-1	1000	967	927	964	3.81	cps
Lead	208-1	4714	4504	4437	4551	3.17	cps
Lithium	6-1	1976647	1947880	1944334	1956287	0.91	cps
Magnesium	24-2	6892	7135	7082	7036	1.82	cps
Manganese	55-2	3710	3764	3754	3743	0.76	cps
Molybdenum	94-1	363	377	403	381	5.34	cps
Molybdenum	95-1	287	277	243	269	8.44	cps
Molybdenum	96-1	307	343	367	339	8.93	cps
Molybdenum	97-1	153	167	153	158	4.88	cps
Molybdenum	98-1	453	433	420	436	3.85	cps
Neodymium	150-1	13	10	23	16	44.60	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	820	753	897	823	8.71	cps
Phosphorus	31-2	133	197	177	169	19.17	cps
Potassium	39-2	62742	62538	63117	62799	0.47	cps
Rhodium	103-1	11899247	11752448	11812768	11821487	0.62	cps
Rhodium	103-2	7058862	7055862	7030931	7048552	0.22	cps
Scandium	45-1	6640239	6623577	6651745	6638520	0.21	cps
Scandium	45-2	576199	571512	577315	575009	0.54	cps
Selenium	82-1	228	213	147	196	22.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	447	363	467	426	12.88	cps
Silicon	28-1	562281	568853	572752	567962	0.93	cps
Silver	107-1	137	130	127	131	3.88	cps
Silver	109-1	87	70	57	71	21.14	cps
Sodium	23-2	84922	84755	85247	84975	0.29	cps
Strontium	86-1	613	670	563	616	8.67	cps
Strontium	88-1	3050	3114	3130	3098	1.36	cps
Sulfur	34-1	180384	179204	179899	179829	0.33	cps
Terbium	159-1	16680867	16265181	16167279	16371109	1.67	cps
Terbium	159-2	11300618	11326924	11464767	11364103	0.78	cps
Thallium	203-1	277	217	267	253	12.69	cps
Thallium	205-1	727	540	587	618	15.72	cps
Tin	118-1	2077	1720	1857	1885	9.55	cps
Titanium	47-1	160	137	117	138	15.74	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-20	Instrumnet Name :	P7
Client Sample ID :	MJNLC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:13:55	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	10	30	18	60.28	cps
Vanadium	51-2	43	47	50	47	7.15	cps
Yttrium	89-1	19220661	19176678	19001024	19132788	0.61	cps
Yttrium	89-2	5291271	5299601	5251624	5280832	0.49	cps
Zinc	66-2	860	860	917	879	3.72	cps
Zirconium	90-1	813	717	767	766	6.31	cps
Zirconium	91-1	77	120	100	99	21.93	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:17:17	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3137206	3137138	3138881	3137742	0.03	cps
Antimony	121-1	4097725	4183614	4148931	4143423	1.04	cps
Arsenic	75-2	508854	510252	511544	510217	0.26	cps
Barium	135-1	825240	836893	842232	834788	1.04	cps
Barium	137-1	1425563	1455840	1460494	1447299	1.31	cps
Beryllium	9-1	527	587	530	548	6.16	cps
Bismuth	209-1	10943241	10492016	10208411	10547889	3.51	cps
Bismuth	209-2	8563305	8666096	8573982	8601128	0.66	cps
Bromine	81-1	46944	46346	44069	45786	3.31	cps
Bromine	81-2	5731	5861	5558	5717	2.66	cps
Cadmium	108-1	693	740	723	719	3.29	cps
Cadmium	106-1	6065	5735	5828	5876	2.90	cps
Cadmium	111-1	6455	6622	6853	6643	3.01	cps
Calcium	43-1	314163	321458	323793	319805	1.57	cps
Calcium	44-1	4886938	5044684	5075645	5002422	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153633	154893	153902	154143	0.43	cps
Cobalt	59-2	410773	413375	417662	413937	0.84	cps
Copper	63-2	1602758	1638717	1613733	1618403	1.14	cps
Dysprosium	156-1	24615	24655	24485	24585	0.36	cps
Dysprosium	156-2	20228	20725	20298	20417	1.32	cps
Erbium	164-1	23273	25126	24792	24397	4.05	cps
Erbium	164-2	17828	17902	17992	17907	0.46	cps
Gadolinium	160-1	25530	25777	25046	25451	1.46	cps
Gadolinium	160-2	19594	19570	19908	19691	0.96	cps
Holmium	165-1	17767745	16775764	16532367	17025292	3.84	cps
Holmium	165-2	11994154	12004771	12060989	12019971	0.30	cps
Indium	115-1	14400477	13514903	13585964	13833782	3.56	cps
Indium	115-2	5121456	5065382	5132768	5106535	0.71	cps
Iron	56-2	225104450	228716097	226774997	226865181	0.80	cps
Iron	57-2	5563359	5610603	5629326	5601096	0.61	cps
Iron	54-2	12387687	12390030	12403265	12393661	0.07	cps
Krypton	83-1	253	220	243	239	7.16	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:17:17	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7610677	7902517	7674556	7729250	1.98	cps
Lead	207-1	6713809	6830041	6740821	6761557	0.90	cps
Lead	208-1	30451107	31141348	30767975	30786810	1.12	cps
Lithium	6-1	2128808	2030560	2021796	2060388	2.88	cps
Magnesium	24-2	3473235	3482643	3464529	3473469	0.26	cps
Manganese	55-2	7261514	7346916	7310855	7306429	0.59	cps
Molybdenum	94-1	65834	67682	68610	67375	2.10	cps
Molybdenum	95-1	71430	72056	73992	72493	1.84	cps
Molybdenum	96-1	84097	84754	86996	85282	1.78	cps
Molybdenum	97-1	44942	46444	46009	45798	1.69	cps
Molybdenum	98-1	116261	118167	119104	117844	1.23	cps
Neodymium	150-1	34987	36140	36059	35729	1.80	cps
Neodymium	150-2	22441	22027	22007	22159	1.11	cps
Nickel	60-2	93063	94763	93425	93750	0.96	cps
Phosphorus	31-2	14007	14157	14360	14174	1.25	cps
Potassium	39-2	1649839	1649279	1645209	1648109	0.15	cps
Rhodium	103-1	12783971	12169352	11989341	12314221	3.38	cps
Rhodium	103-2	7295492	7373918	7445080	7371497	1.02	cps
Scandium	45-1	7392006	7032239	6946389	7123545	3.32	cps
Scandium	45-2	616570	623537	617877	619328	0.60	cps
Selenium	82-1	332	319	307	319	3.85	cps
Selenium	77-2	87	67	93	82	16.87	cps
Selenium	78-2	533	607	467	536	13.08	cps
Silicon	28-1	20642802	21279059	21303776	21075212	1.78	cps
Silver	107-1	15415	15358	15425	15399	0.23	cps
Silver	109-1	14881	14514	14824	14740	1.34	cps
Sodium	23-2	5337028	5381899	5314183	5344370	0.64	cps
Strontium	86-1	371289	379717	381926	377644	1.49	cps
Strontium	88-1	3312962	3393549	3420976	3375829	1.66	cps
Sulfur	34-1	231532	232941	233131	232535	0.38	cps
Terbium	159-1	18116106	17139420	17037649	17431058	3.42	cps
Terbium	159-2	11865693	11918475	11935600	11906589	0.31	cps
Thallium	203-1	4708	4884	5098	4896	3.99	cps
Thallium	205-1	11545	11612	12055	11737	2.36	cps
Tin	118-1	548814	560883	560932	556876	1.25	cps
Titanium	47-1	552126	565316	570240	562560	1.66	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:17:17	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34508	33632	34505	34215	1.47	cps
Vanadium	51-2	193166	193112	193490	193256	0.11	cps
Yttrium	89-1	21272024	20139099	20304271	20571798	2.98	cps
Yttrium	89-2	5604693	5648724	5735582	5663000	1.18	cps
Zinc	66-2	3470167	3464421	3501048	3478546	0.57	cps
Zirconium	90-1	69517	71292	71808	70872	1.70	cps
Zirconium	91-1	16456	16266	16463	16395	0.68	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:20:20	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1547096	1535893	1524347	1535779	0.74	cps
Antimony	121-1	563634	563218	562884	563245	0.07	cps
Arsenic	75-2	116244	115051	115827	115708	0.52	cps
Barium	135-1	268398	272788	266817	269334	1.15	cps
Barium	137-1	473348	472279	467820	471149	0.62	cps
Beryllium	9-1	323	380	420	374	12.97	cps
Bismuth	209-1	10308163	10434138	10257319	10333206	0.88	cps
Bismuth	209-2	8429339	8466967	8485739	8460681	0.34	cps
Bromine	81-1	50827	52436	54243	52502	3.25	cps
Bromine	81-2	8172	8092	8372	8212	1.76	cps
Cadmium	108-1	383	407	377	389	4.05	cps
Cadmium	106-1	5404	5154	5048	5202	3.52	cps
Cadmium	111-1	5100	5126	4895	5040	2.51	cps
Calcium	43-1	2183001	2186986	2168925	2179637	0.44	cps
Calcium	44-1	34857039	34724936	34957108	34846361	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86422	86801	85715	86313	0.64	cps
Cobalt	59-2	218080	219172	218947	218733	0.26	cps
Copper	63-2	1915286	1924403	1914526	1918072	0.29	cps
Dysprosium	156-1	21637	22555	22087	22093	2.08	cps
Dysprosium	156-2	18662	18509	18486	18552	0.52	cps
Erbium	164-1	20125	20024	19934	20028	0.48	cps
Erbium	164-2	14244	14354	14241	14280	0.45	cps
Gadolinium	160-1	22391	22325	22375	22363	0.16	cps
Gadolinium	160-2	16874	16747	17127	16916	1.15	cps
Holmium	165-1	16754509	16425786	16690743	16623679	1.05	cps
Holmium	165-2	11832346	11799959	11653098	11761801	0.81	cps
Indium	115-1	13305526	13243737	13346309	13298524	0.39	cps
Indium	115-2	4885742	4787560	4844628	4839310	1.02	cps
Iron	56-2	103625728	102723898	103039942	103129856	0.44	cps
Iron	57-2	2646372	2607255	2587965	2613864	1.14	cps
Iron	54-2	5661427	5586761	5612152	5620113	0.68	cps
Krypton	83-1	213	277	230	240	13.68	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:20:20	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3327054	3323064	3290540	3313552	0.60	cps
Lead	207-1	2896638	2922075	2875041	2897918	0.81	cps
Lead	208-1	13197985	13250620	13073071	13173892	0.69	cps
Lithium	6-1	2040321	1994293	2009175	2014596	1.17	cps
Magnesium	24-2	1814289	1814012	1805007	1811103	0.29	cps
Manganese	55-2	964140	959015	958281	960479	0.33	cps
Molybdenum	94-1	23489	23462	23489	23480	0.07	cps
Molybdenum	95-1	21466	21356	21556	21459	0.47	cps
Molybdenum	96-1	26320	26471	26541	26444	0.43	cps
Molybdenum	97-1	13503	13747	13827	13692	1.23	cps
Molybdenum	98-1	35694	35590	35643	35642	0.15	cps
Neodymium	150-1	36206	35688	35565	35820	0.95	cps
Neodymium	150-2	21513	21630	21486	21543	0.35	cps
Nickel	60-2	29519	29589	29275	29461	0.56	cps
Phosphorus	31-2	10630	10584	10254	10489	1.96	cps
Potassium	39-2	975602	969821	972584	972669	0.30	cps
Rhodium	103-1	12032642	11836313	11848068	11905674	0.92	cps
Rhodium	103-2	7047633	7071740	7055160	7058178	0.17	cps
Scandium	45-1	6821090	6636778	6682393	6713421	1.43	cps
Scandium	45-2	579998	577442	579655	579032	0.24	cps
Selenium	82-1	335	244	232	270	20.80	cps
Selenium	77-2	57	100	23	60	64.07	cps
Selenium	78-2	373	437	443	418	9.25	cps
Silicon	28-1	27202065	29436160	27719653	28119293	4.16	cps
Silver	107-1	21152	21773	20878	21268	2.16	cps
Silver	109-1	19981	20868	20338	20396	2.19	cps
Sodium	23-2	6743327	6626831	6681214	6683791	0.87	cps
Strontium	86-1	2354052	2358716	2395873	2369547	0.97	cps
Strontium	88-1	20678090	20697616	20479775	20618494	0.58	cps
Sulfur	34-1	262525	262610	263932	263022	0.30	cps
Terbium	159-1	17168431	16846330	16864018	16959593	1.07	cps
Terbium	159-2	11608918	11552249	11508235	11556467	0.44	cps
Thallium	203-1	3107	3080	3157	3115	1.25	cps
Thallium	205-1	7182	7159	7232	7191	0.52	cps
Tin	118-1	331860	330040	329221	330374	0.41	cps
Titanium	47-1	389465	386456	386852	387591	0.42	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA7	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:20:20	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47381	48438	47692	47837	1.14	cps
Vanadium	51-2	95261	95026	95077	95122	0.13	cps
Yttrium	89-1	20183897	20005032	19902916	20030615	0.71	cps
Yttrium	89-2	5380654	5348833	5388968	5372818	0.39	cps
Zinc	66-2	1433442	1423402	1426427	1427757	0.36	cps
Zirconium	90-1	30715	31544	31484	31248	1.48	cps
Zirconium	91-1	7135	7032	7148	7105	0.90	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:23:27	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2051919	2007116	2096668	2051901	2.18	cps
Antimony	121-1	1347090	1386673	1383995	1372586	1.61	cps
Arsenic	75-2	627954	626524	637575	630684	0.95	cps
Barium	135-1	201089	209794	204434	205106	2.14	cps
Barium	137-1	351135	360955	360806	357632	1.57	cps
Beryllium	9-1	773	753	907	811	10.28	cps
Bismuth	209-1	11203017	10562652	10354657	10706775	4.13	cps
Bismuth	209-2	8619310	8620954	8681726	8640663	0.41	cps
Bromine	81-1	35386	34707	35787	35293	1.55	cps
Bromine	81-2	4187	4514	4404	4368	3.81	cps
Cadmium	108-1	787	660	780	742	9.60	cps
Cadmium	106-1	5998	5848	5778	5875	1.91	cps
Cadmium	111-1	7678	8320	8113	8037	4.08	cps
Calcium	43-1	209018	218781	218476	215425	2.58	cps
Calcium	44-1	3275852	3426574	3447471	3383299	2.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155077	156832	155701	155870	0.57	cps
Cobalt	59-2	365530	364582	365905	365339	0.19	cps
Copper	63-2	2327411	2356561	2358495	2347489	0.74	cps
Dysprosium	156-1	28973	28983	29371	29109	0.78	cps
Dysprosium	156-2	23847	24475	24809	24377	2.00	cps
Erbium	164-1	28118	28355	28753	28409	1.13	cps
Erbium	164-2	20004	20592	20942	20513	2.31	cps
Gadolinium	160-1	28850	30079	29825	29585	2.19	cps
Gadolinium	160-2	22728	22662	22812	22734	0.33	cps
Holmium	165-1	18022561	16809658	16714057	17182092	4.25	cps
Holmium	165-2	11955151	12109409	12072960	12045840	0.67	cps
Indium	115-1	14820602	14134397	13790092	14248364	3.68	cps
Indium	115-2	5161720	5214395	5259264	5211793	0.94	cps
Iron	56-2	207863117	208624710	208738570	208408799	0.23	cps
Iron	57-2	5136108	5140003	5168938	5148350	0.35	cps
Iron	54-2	11290358	11366438	11355516	11337437	0.36	cps
Krypton	83-1	293	213	280	262	16.34	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:23:27	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8661039	8939573	8886807	8829140	1.68	cps
Lead	207-1	7631468	7758340	7737835	7709214	0.88	cps
Lead	208-1	34885784	35579041	35353427	35272751	1.00	cps
Lithium	6-1	2163960	2020789	1989933	2058227	4.51	cps
Magnesium	24-2	2157334	2117631	2165350	2146772	1.19	cps
Manganese	55-2	1460784	1466579	1487048	1471470	0.94	cps
Molybdenum	94-1	161566	170307	169471	167115	2.89	cps
Molybdenum	95-1	274504	282978	284519	280667	1.92	cps
Molybdenum	96-1	299157	308514	309891	305854	1.91	cps
Molybdenum	97-1	173534	177301	178918	176584	1.56	cps
Molybdenum	98-1	443392	460392	462989	455591	2.34	cps
Neodymium	150-1	42424	43791	42848	43021	1.63	cps
Neodymium	150-2	26355	26291	25784	26143	1.20	cps
Nickel	60-2	64149	64554	64501	64402	0.34	cps
Phosphorus	31-2	12095	12165	12325	12195	0.97	cps
Potassium	39-2	1636618	1633159	1659321	1643033	0.86	cps
Rhodium	103-1	12885802	12196635	12383506	12488648	2.85	cps
Rhodium	103-2	7433904	7455099	7359829	7416277	0.67	cps
Scandium	45-1	7404171	7077714	7039260	7173715	2.79	cps
Scandium	45-2	615689	612778	618354	615607	0.45	cps
Selenium	82-1	273	280	187	247	20.92	cps
Selenium	77-2	90	80	77	82	8.44	cps
Selenium	78-2	530	493	603	542	10.33	cps
Silicon	28-1	58196882	60958884	59583654	59579807	2.32	cps
Silver	107-1	13627	13633	14247	13836	2.58	cps
Silver	109-1	12405	13143	13229	12926	3.50	cps
Sodium	23-2	7539797	7405548	7546757	7497367	1.06	cps
Strontium	86-1	211474	220905	218530	216970	2.26	cps
Strontium	88-1	1891836	1988457	1964130	1948141	2.58	cps
Sulfur	34-1	216839	220951	217644	218478	1.00	cps
Terbium	159-1	18575541	17263517	17174758	17671272	4.44	cps
Terbium	159-2	11851347	11806058	11902496	11853300	0.41	cps
Thallium	203-1	10381	10671	10818	10623	2.09	cps
Thallium	205-1	25581	24906	25708	25398	1.70	cps
Tin	118-1	445643	465545	465274	458820	2.49	cps
Titanium	47-1	236373	244940	249055	243456	2.66	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:23:27	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54116	56172	54301	54863	2.07	cps
Vanadium	51-2	126743	125681	127230	126551	0.63	cps
Yttrium	89-1	21718046	20662344	20574248	20984879	3.03	cps
Yttrium	89-2	5676275	5664766	5714748	5685263	0.46	cps
Zinc	66-2	2651188	2661545	2702043	2671592	1.01	cps
Zirconium	90-1	22110	23052	26607	23923	9.91	cps
Zirconium	91-1	5524	5644	6125	5765	5.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:26:30	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1620001	1628438	1613878	1620772	0.45	cps
Antimony	121-1	245803	246822	246109	246245	0.21	cps
Arsenic	75-2	23632	23539	23151	23441	1.09	cps
Barium	135-1	90757	90841	90599	90732	0.14	cps
Barium	137-1	157009	156467	157488	156988	0.33	cps
Beryllium	9-1	287	293	237	272	11.38	cps
Bismuth	209-1	10490309	10164976	10248848	10301378	1.64	cps
Bismuth	209-2	8680019	8609716	8538956	8609564	0.82	cps
Bromine	81-1	35957	36789	37247	36664	1.78	cps
Bromine	81-2	4431	4481	4791	4567	4.27	cps
Cadmium	108-1	230	257	197	228	13.20	cps
Cadmium	106-1	5168	4844	5094	5035	3.37	cps
Cadmium	111-1	2668	2696	2889	2751	4.37	cps
Calcium	43-1	482710	482330	477272	480771	0.63	cps
Calcium	44-1	7503937	7550418	7437451	7497268	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88618	89674	89436	89243	0.62	cps
Cobalt	59-2	75495	75026	74229	74917	0.85	cps
Copper	63-2	820133	822080	815278	819164	0.43	cps
Dysprosium	156-1	24164	23924	23927	24005	0.57	cps
Dysprosium	156-2	19260	19861	20422	19847	2.93	cps
Erbium	164-1	20111	20075	20038	20075	0.18	cps
Erbium	164-2	14091	14377	14014	14161	1.35	cps
Gadolinium	160-1	23400	23677	23687	23588	0.69	cps
Gadolinium	160-2	18229	18175	17645	18016	1.79	cps
Holmium	165-1	17050976	16818579	16913208	16927588	0.69	cps
Holmium	165-2	11914336	11878365	11888621	11893774	0.16	cps
Indium	115-1	13702945	13386551	13437316	13508937	1.26	cps
Indium	115-2	4976842	4974596	4925182	4958873	0.59	cps
Iron	56-2	57419972	58000132	57843867	57754657	0.52	cps
Iron	57-2	1460991	1411590	1435061	1435881	1.72	cps
Iron	54-2	3185313	3153275	3172747	3170445	0.51	cps
Krypton	83-1	190	257	193	213	17.61	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:26:30	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	690122	691937	694474	692178	0.32	cps
Lead	207-1	596580	597620	600703	598301	0.36	cps
Lead	208-1	2726256	2724217	2728966	2726480	0.09	cps
Lithium	6-1	2019107	1973969	1992236	1995104	1.14	cps
Magnesium	24-2	1650478	1663595	1666511	1660195	0.51	cps
Manganese	55-2	510269	507039	507229	508179	0.36	cps
Molybdenum	94-1	27276	28060	27897	27744	1.49	cps
Molybdenum	95-1	12389	12586	12926	12633	2.15	cps
Molybdenum	96-1	17527	17841	16876	17415	2.83	cps
Molybdenum	97-1	7652	7906	8066	7874	2.65	cps
Molybdenum	98-1	20144	20501	20815	20487	1.64	cps
Neodymium	150-1	40628	41397	40444	40823	1.24	cps
Neodymium	150-2	25189	24027	24919	24712	2.46	cps
Nickel	60-2	35769	35643	35742	35718	0.19	cps
Phosphorus	31-2	11484	11681	11631	11599	0.88	cps
Potassium	39-2	667370	667350	667268	667329	0.01	cps
Rhodium	103-1	12576922	12025378	12141754	12248018	2.37	cps
Rhodium	103-2	7296579	7355022	7295263	7315622	0.47	cps
Scandium	45-1	7010503	6935192	6776960	6907552	1.73	cps
Scandium	45-2	594649	591235	592153	592679	0.30	cps
Selenium	82-1	293	267	295	285	5.41	cps
Selenium	77-2	83	87	73	81	8.56	cps
Selenium	78-2	480	470	450	467	3.27	cps
Silicon	28-1	5215225	5170016	5250248	5211830	0.77	cps
Silver	107-1	8546	8196	8656	8466	2.84	cps
Silver	109-1	8039	7635	7836	7837	2.57	cps
Sodium	23-2	5435831	5419799	5468358	5441329	0.45	cps
Strontium	86-1	259394	262370	259461	260408	0.65	cps
Strontium	88-1	2321593	2351905	2331591	2335030	0.66	cps
Sulfur	34-1	262189	266513	265997	264900	0.89	cps
Terbium	159-1	17456545	17071504	17022815	17183621	1.38	cps
Terbium	159-2	11904505	11629366	11615996	11716622	1.39	cps
Thallium	203-1	2894	3134	3064	3030	4.07	cps
Thallium	205-1	6795	7055	6959	6936	1.90	cps
Tin	118-1	58555	58719	58605	58626	0.14	cps
Titanium	47-1	795009	796885	788619	793504	0.55	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:26:30	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40478	41384	40876	40913	1.11	cps
Vanadium	51-2	129059	128380	129372	128937	0.39	cps
Yttrium	89-1	20579922	20334463	20217871	20377418	0.91	cps
Yttrium	89-2	5443922	5438999	5431712	5438211	0.11	cps
Zinc	66-2	276337	277172	276774	276761	0.15	cps
Zirconium	90-1	55290	56127	58915	56777	3.34	cps
Zirconium	91-1	12249	12619	12235	12368	1.76	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:29:41	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3356442	3385340	3381744	3374509	0.47	cps
Antimony	121-1	10200723	10399405	10449772	10349967	1.27	cps
Arsenic	75-2	730889	731861	730492	731081	0.10	cps
Barium	135-1	323786	328395	331175	327785	1.14	cps
Barium	137-1	564177	576118	574277	571524	1.12	cps
Beryllium	9-1	990	1067	1130	1062	6.60	cps
Bismuth	209-1	10669584	10374678	10494180	10512814	1.41	cps
Bismuth	209-2	8704182	8720311	8576646	8667046	0.91	cps
Bromine	81-1	35539	36017	37234	36263	2.41	cps
Bromine	81-2	4541	4604	4397	4514	2.35	cps
Cadmium	108-1	663	607	633	634	4.47	cps
Cadmium	106-1	5925	5768	5761	5818	1.59	cps
Cadmium	111-1	5816	5846	5804	5822	0.38	cps
Calcium	43-1	205724	212189	211773	209895	1.72	cps
Calcium	44-1	3203854	3316430	3302936	3274407	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227716	229020	230517	229084	0.61	cps
Cobalt	59-2	414772	413231	415247	414417	0.25	cps
Copper	63-2	2891025	2874490	2821346	2862287	1.27	cps
Dysprosium	156-1	25780	26569	26402	26250	1.58	cps
Dysprosium	156-2	21316	21737	21457	21503	1.00	cps
Erbium	164-1	25804	25654	25517	25658	0.56	cps
Erbium	164-2	18309	18292	18175	18259	0.40	cps
Gadolinium	160-1	26422	27036	26852	26770	1.18	cps
Gadolinium	160-2	20775	20535	20789	20700	0.69	cps
Holmium	165-1	17177802	17017235	17065312	17086783	0.48	cps
Holmium	165-2	12178321	12216199	12138422	12177648	0.32	cps
Indium	115-1	14540116	14417665	14273417	14410399	0.93	cps
Indium	115-2	5383579	5458220	5427267	5423022	0.69	cps
Iron	56-2	256634516	258070189	257223956	257309554	0.28	cps
Iron	57-2	6266592	6277786	6348613	6297663	0.71	cps
Iron	54-2	14012740	13884326	13939231	13945432	0.46	cps
Krypton	83-1	220	263	247	243	8.98	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:29:41	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9084250	9188632	9248417	9173766	0.91	cps
Lead	207-1	8068564	8076014	8045141	8063240	0.20	cps
Lead	208-1	36528865	36612874	36605479	36582406	0.13	cps
Lithium	6-1	2050199	2011296	2044081	2035192	1.03	cps
Magnesium	24-2	3768122	3797284	3753717	3773041	0.59	cps
Manganese	55-2	2033755	2039327	2050285	2041122	0.41	cps
Molybdenum	94-1	244295	251117	250857	248756	1.55	cps
Molybdenum	95-1	374961	383853	385112	381309	1.45	cps
Molybdenum	96-1	414618	424931	425364	421638	1.44	cps
Molybdenum	97-1	235738	240975	240098	238937	1.17	cps
Molybdenum	98-1	606528	618219	621326	615357	1.27	cps
Neodymium	150-1	39181	38827	38616	38875	0.73	cps
Neodymium	150-2	23981	23657	23506	23714	1.02	cps
Nickel	60-2	129540	129745	130253	129846	0.28	cps
Phosphorus	31-2	13469	13863	13816	13716	1.57	cps
Potassium	39-2	1654321	1648213	1636579	1646371	0.55	cps
Rhodium	103-1	12641506	12390928	12617294	12549909	1.10	cps
Rhodium	103-2	7681832	7650322	7645883	7659346	0.26	cps
Scandium	45-1	7304657	7268277	7329742	7300892	0.42	cps
Scandium	45-2	647137	646750	646416	646767	0.06	cps
Selenium	82-1	454	420	436	437	3.97	cps
Selenium	77-2	87	77	140	101	33.67	cps
Selenium	78-2	550	527	530	536	2.36	cps
Silicon	28-1	9223558	9437163	11014458	9891726	9.89	cps
Silver	107-1	25967	26317	26998	26427	1.99	cps
Silver	109-1	24477	24544	24855	24625	0.82	cps
Sodium	23-2	5599335	5584023	5581337	5588232	0.17	cps
Strontium	86-1	214472	219813	219291	217859	1.35	cps
Strontium	88-1	1934699	1955553	1975169	1955140	1.04	cps
Sulfur	34-1	236313	237283	233609	235735	0.81	cps
Terbium	159-1	17583496	17401303	17050286	17345028	1.56	cps
Terbium	159-2	11955297	11827801	11931225	11904774	0.57	cps
Thallium	203-1	10181	10251	10080	10171	0.84	cps
Thallium	205-1	23944	24850	23757	24184	2.42	cps
Tin	118-1	1550015	1611380	1627679	1596358	2.57	cps
Titanium	47-1	574890	596467	600829	590729	2.35	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:29:41	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50817	50659	50870	50782	0.22	cps
Vanadium	51-2	199516	199476	200320	199771	0.24	cps
Yttrium	89-1	21177341	21146514	21151095	21158317	0.08	cps
Yttrium	89-2	5851635	5821395	5720926	5797985	1.18	cps
Zinc	66-2	2528300	2556463	2572101	2552288	0.87	cps
Zirconium	90-1	81602	85125	85098	83942	2.41	cps
Zirconium	91-1	18982	19590	19683	19418	1.96	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:32:42	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5900856	5872054	5806293	5859734	0.83	cps
Antimony	121-1	37862864	38485671	38282964	38210500	0.83	cps
Arsenic	75-2	5499653	5489292	5598032	5528992	1.09	cps
Barium	135-1	969847	987800	982301	979983	0.94	cps
Barium	137-1	1735911	1794920	1778343	1769725	1.72	cps
Beryllium	9-1	2777	2714	2757	2749	1.18	cps
Bismuth	209-1	10776620	10725360	10475783	10659254	1.51	cps
Bismuth	209-2	8855443	8822269	8674774	8784162	1.09	cps
Bromine	81-1	46282	47590	48402	47425	2.26	cps
Bromine	81-2	6738	7038	6922	6899	2.19	cps
Cadmium	108-1	5204	5024	4968	5065	2.44	cps
Cadmium	106-1	11832	11618	11551	11667	1.25	cps
Cadmium	111-1	43533	44435	43550	43839	1.18	cps
Calcium	43-1	1522901	1518353	1499108	1513454	0.83	cps
Calcium	44-1	24145696	24403577	24290893	24280055	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	902025	899496	900484	900668	0.14	cps
Cobalt	59-2	2127103	2140580	2152428	2140037	0.59	cps
Copper	63-2	18503538	18330762	18369687	18401329	0.49	cps
Dysprosium	156-1	39469	40435	40023	39976	1.21	cps
Dysprosium	156-2	34158	34603	34309	34356	0.66	cps
Erbium	164-1	40278	40686	39733	40232	1.19	cps
Erbium	164-2	29528	28563	28903	28998	1.69	cps
Gadolinium	160-1	38931	40288	39619	39613	1.71	cps
Gadolinium	160-2	29835	30122	30510	30156	1.12	cps
Holmium	165-1	16849843	16897672	16786229	16844581	0.33	cps
Holmium	165-2	12208974	12187090	11846682	12080916	1.68	cps
Indium	115-1	16614154	16462517	16396106	16490926	0.68	cps
Indium	115-2	6138778	6071079	6142679	6117512	0.66	cps
Iron	56-2	1137700863	1135604810	1135314596	1136206756	0.11	cps
Iron	57-2	28441135	28207550	28221612	28290099	0.46	cps
Iron	54-2	61636354	61997507	62311924	61981929	0.55	cps
Krypton	83-1	303	330	323	319	4.35	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:32:42	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	49003794	48903781	48729168	48878914	0.28	cps
Lead	207-1	42580539	42355779	42817851	42584723	0.54	cps
Lead	208-1	193968342	194600581	194768464	194445796	0.22	cps
Lithium	6-1	2046802	1988743	2012475	2016007	1.45	cps
Magnesium	24-2	4002096	3993820	4011986	4002634	0.23	cps
Manganese	55-2	3833421	3864189	3866046	3854552	0.48	cps
Molybdenum	94-1	2255242	2286976	2255863	2266027	0.80	cps
Molybdenum	95-1	3775633	3851847	3807954	3811811	1.00	cps
Molybdenum	96-1	4095779	4140337	4155026	4130381	0.75	cps
Molybdenum	97-1	2347638	2371353	2371074	2363355	0.58	cps
Molybdenum	98-1	6036882	6162635	6095551	6098356	1.03	cps
Neodymium	150-1	62514	62069	63211	62598	0.92	cps
Neodymium	150-2	38873	38339	38756	38656	0.73	cps
Nickel	60-2	203387	202556	202403	202782	0.26	cps
Phosphorus	31-2	14487	14290	14340	14372	0.71	cps
Potassium	39-2	2938189	2927364	2932925	2932826	0.18	cps
Rhodium	103-1	12480074	12369207	12378594	12409292	0.50	cps
Rhodium	103-2	7470310	7522348	7426044	7472901	0.65	cps
Scandium	45-1	7391964	7227664	7242786	7287471	1.25	cps
Scandium	45-2	648095	649800	641692	646529	0.66	cps
Selenium	82-1	1086	1008	1018	1037	4.08	cps
Selenium	77-2	167	180	167	171	4.50	cps
Selenium	78-2	797	827	813	812	1.85	cps
Silicon	28-1	78477221	81216254	82268305	80653927	2.43	cps
Silver	107-1	120485	121930	123941	122118	1.42	cps
Silver	109-1	113695	115788	116833	115438	1.38	cps
Sodium	23-2	11454238	11427082	11327693	11403004	0.58	cps
Strontium	86-1	1383446	1459717	1397840	1413667	2.87	cps
Strontium	88-1	12505376	12666769	12604399	12592181	0.65	cps
Sulfur	34-1	423116	424561	424710	424129	0.21	cps
Terbium	159-1	17486419	17266822	17218866	17324036	0.82	cps
Terbium	159-2	11983763	12050928	11994691	12009794	0.30	cps
Thallium	203-1	68474	69312	69070	68952	0.63	cps
Thallium	205-1	161489	163927	161766	162394	0.82	cps
Tin	118-1	7557942	7539974	7585003	7560973	0.30	cps
Titanium	47-1	1574569	1630962	1626039	1610523	1.94	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:32:42	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	347110	353743	352711	351188	1.02	cps
Vanadium	51-2	276024	274538	274813	275125	0.29	cps
Yttrium	89-1	21328901	21118198	21030623	21159241	0.72	cps
Yttrium	89-2	5833475	5894298	5868671	5865481	0.52	cps
Zinc	66-2	16493044	16424745	16391524	16436438	0.31	cps
Zirconium	90-1	386603	392236	394713	391184	1.06	cps
Zirconium	91-1	94894	95495	94841	95076	0.38	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-10	Instrumnet Name :	P7
Client Sample ID :	MJNKB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:36:36	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3020663	3047068	3009646	3025792	0.64	cps
Antimony	121-1	6883225	6932354	6897761	6904447	0.37	cps
Arsenic	75-2	470734	468153	467158	468682	0.39	cps
Barium	135-1	275324	281855	282133	279771	1.38	cps
Barium	137-1	485611	483961	488475	486016	0.47	cps
Beryllium	9-1	630	653	697	660	5.13	cps
Bismuth	209-1	10560217	10473951	10393388	10475852	0.80	cps
Bismuth	209-2	8653879	8715774	8733797	8701150	0.48	cps
Bromine	81-1	34544	36381	36706	35877	3.25	cps
Bromine	81-2	4587	4287	4224	4366	4.45	cps
Cadmium	108-1	450	573	507	510	12.11	cps
Cadmium	106-1	5835	5808	5424	5689	4.03	cps
Cadmium	111-1	4433	4469	4591	4497	1.84	cps
Calcium	43-1	191243	193746	192494	192494	0.65	cps
Calcium	44-1	2929912	3002342	2992198	2974817	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179369	178141	178344	178618	0.37	cps
Cobalt	59-2	341827	340135	341094	341019	0.25	cps
Copper	63-2	1714570	1681194	1716545	1704103	1.17	cps
Dysprosium	156-1	22742	23022	23112	22959	0.84	cps
Dysprosium	156-2	19073	19390	18626	19030	2.02	cps
Erbium	164-1	21911	22315	22719	22315	1.81	cps
Erbium	164-2	15956	15729	15999	15895	0.91	cps
Gadolinium	160-1	23299	23500	23213	23337	0.63	cps
Gadolinium	160-2	18282	17825	18482	18196	1.85	cps
Holmium	165-1	17249842	17131251	16870831	17083975	1.13	cps
Holmium	165-2	12038742	12168847	12187891	12131827	0.67	cps
Indium	115-1	14592976	14324674	14215907	14377852	1.35	cps
Indium	115-2	5418641	5335055	5343435	5365710	0.86	cps
Iron	56-2	218198057	218499250	215813910	217503739	0.68	cps
Iron	57-2	5386144	5365382	5345708	5365745	0.38	cps
Iron	54-2	11800861	11878736	11724811	11801469	0.65	cps
Krypton	83-1	240	277	207	241	14.52	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-10	Instrumnet Name :	P7
Client Sample ID :	MJNKB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:36:36	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6644081	6769728	6789238	6734349	1.17	cps
Lead	207-1	5842472	5976921	6023682	5947691	1.58	cps
Lead	208-1	26824156	27299012	27353105	27158758	1.07	cps
Lithium	6-1	2051292	2013503	1987854	2017550	1.58	cps
Magnesium	24-2	3738023	3691202	3660193	3696473	1.06	cps
Manganese	55-2	2040070	2029150	2056724	2041981	0.68	cps
Molybdenum	94-1	96767	97033	96119	96639	0.49	cps
Molybdenum	95-1	105241	107296	106920	106486	1.03	cps
Molybdenum	96-1	122794	123267	122773	122945	0.23	cps
Molybdenum	97-1	66142	66694	67518	66785	1.04	cps
Molybdenum	98-1	170664	172250	172373	171762	0.55	cps
Neodymium	150-1	34282	33810	34241	34111	0.77	cps
Neodymium	150-2	21256	20936	20662	20951	1.42	cps
Nickel	60-2	108028	108099	108525	108218	0.25	cps
Phosphorus	31-2	15945	16663	16242	16283	2.21	cps
Potassium	39-2	1601451	1598053	1590980	1596828	0.33	cps
Rhodium	103-1	12895241	12791796	12688281	12791773	0.81	cps
Rhodium	103-2	7700676	7601617	7621916	7641403	0.68	cps
Scandium	45-1	7464515	7419026	7356187	7413243	0.73	cps
Scandium	45-2	650420	650395	655534	652116	0.45	cps
Selenium	82-1	368	376	441	395	10.12	cps
Selenium	77-2	97	70	57	74	27.36	cps
Selenium	78-2	630	553	493	559	12.26	cps
Silicon	28-1	5672606	5755611	7071093	6166437	12.72	cps
Silver	107-1	14030	14371	13867	14089	1.82	cps
Silver	109-1	13366	13083	13516	13322	1.65	cps
Sodium	23-2	5759310	5710251	5705245	5724935	0.52	cps
Strontium	86-1	196033	198135	198225	197464	0.63	cps
Strontium	88-1	1737297	1765791	1754439	1752509	0.82	cps
Sulfur	34-1	226517	226365	226459	226447	0.03	cps
Terbium	159-1	17578539	17589054	17475509	17547701	0.36	cps
Terbium	159-2	12011027	11797269	11929967	11912754	0.91	cps
Thallium	203-1	5161	5208	5288	5219	1.23	cps
Thallium	205-1	12282	12429	12129	12280	1.22	cps
Tin	118-1	1110099	1120085	1122310	1117498	0.58	cps
Titanium	47-1	529991	536831	537891	534904	0.80	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-10	Instrumnet Name :	P7
Client Sample ID :	MJNKB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:36:36	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32152	32256	31975	32128	0.44	cps
Vanadium	51-2	189578	189534	191194	190102	0.50	cps
Yttrium	89-1	21523156	21115051	21173185	21270464	1.04	cps
Yttrium	89-2	5827525	5736071	5856722	5806772	1.08	cps
Zinc	66-2	2178100	2177063	2150982	2168715	0.71	cps
Zirconium	90-1	96847	108619	99343	101603	6.11	cps
Zirconium	91-1	22204	22668	22457	22443	1.04	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:39:39	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5580901	5568196	5545522	5564873	0.32	cps
Antimony	121-1	32041142	31998133	32155412	32064896	0.25	cps
Arsenic	75-2	3596853	3617194	3618791	3610946	0.34	cps
Barium	135-1	2259430	2261706	2263707	2261614	0.09	cps
Barium	137-1	3907629	3940776	3900609	3916338	0.55	cps
Beryllium	9-1	1800	1900	1990	1897	5.01	cps
Bismuth	209-1	10706983	10358445	10393409	10486279	1.83	cps
Bismuth	209-2	8835922	8639873	8643994	8706596	1.29	cps
Bromine	81-1	45798	47957	49974	47910	4.36	cps
Bromine	81-2	7385	7008	6845	7080	3.91	cps
Cadmium	108-1	3054	2934	3080	3023	2.59	cps
Cadmium	106-1	9797	10097	9487	9793	3.12	cps
Cadmium	111-1	20912	21785	21122	21273	2.14	cps
Calcium	43-1	2435749	2494766	2482649	2471054	1.26	cps
Calcium	44-1	39273417	39561733	39768741	39534630	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257566	257109	258821	257832	0.34	cps
Cobalt	59-2	1164183	1165368	1164138	1164563	0.06	cps
Copper	63-2	13945089	14049790	13987151	13994010	0.38	cps
Dysprosium	156-1	27681	28736	28035	28151	1.91	cps
Dysprosium	156-2	23794	23383	23767	23648	0.97	cps
Erbium	164-1	29785	30837	30737	30453	1.91	cps
Erbium	164-2	22441	22435	22448	22441	0.03	cps
Gadolinium	160-1	28679	29134	28439	28751	1.23	cps
Gadolinium	160-2	22054	22198	22592	22281	1.25	cps
Holmium	165-1	17229425	16712665	16881888	16941326	1.56	cps
Holmium	165-2	12068194	12160230	12002103	12076842	0.66	cps
Indium	115-1	18362346	18227799	18290750	18293632	0.37	cps
Indium	115-2	6836840	6752785	6825873	6805166	0.67	cps
Iron	56-2	732405109	729075456	732558736	731346434	0.27	cps
Iron	57-2	17989879	18101986	18054926	18048930	0.31	cps
Iron	54-2	39616799	39526204	39645035	39596013	0.16	cps
Krypton	83-1	263	297	303	288	7.45	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:39:39	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	47765664	48350174	48380514	48165451	0.72	cps
Lead	207-1	42500992	42772999	42604990	42626327	0.32	cps
Lead	208-1	192593998	194433982	193840516	193622832	0.49	cps
Lithium	6-1	2020135	1992236	1996865	2003079	0.75	cps
Magnesium	24-2	4455078	4451487	4488105	4464890	0.45	cps
Manganese	55-2	5894895	5870860	5880997	5882250	0.21	cps
Molybdenum	94-1	578111	587790	583911	583271	0.84	cps
Molybdenum	95-1	764885	777721	777046	773218	0.93	cps
Molybdenum	96-1	849482	866909	873643	863345	1.44	cps
Molybdenum	97-1	480146	486154	486548	484283	0.74	cps
Molybdenum	98-1	1235749	1258156	1260856	1251587	1.10	cps
Neodymium	150-1	40876	41524	40899	41100	0.90	cps
Neodymium	150-2	25436	24942	24732	25037	1.44	cps
Nickel	60-2	169714	170530	170304	170183	0.25	cps
Phosphorus	31-2	16446	16773	16883	16700	1.36	cps
Potassium	39-2	2832467	2882014	2879409	2864630	0.97	cps
Rhodium	103-1	12864801	12451107	12431843	12582584	1.94	cps
Rhodium	103-2	7473363	7460818	7398849	7444343	0.54	cps
Scandium	45-1	7490665	7213244	7296081	7333330	1.94	cps
Scandium	45-2	644552	647536	650535	647541	0.46	cps
Selenium	82-1	1024	1084	1039	1049	2.96	cps
Selenium	77-2	130	117	167	138	18.79	cps
Selenium	78-2	783	753	853	797	6.44	cps
Silicon	28-1	24639550	25321735	25002685	24987990	1.37	cps
Silver	107-1	110590	113382	112609	112194	1.28	cps
Silver	109-1	105916	107535	106688	106713	0.76	cps
Sodium	23-2	12439963	12321379	12434603	12398649	0.54	cps
Strontium	86-1	1877862	1942644	1940190	1920232	1.91	cps
Strontium	88-1	16243987	16595776	16745493	16528419	1.56	cps
Sulfur	34-1	350476	357237	359350	355688	1.30	cps
Terbium	159-1	17808557	17206773	17431083	17482138	1.74	cps
Terbium	159-2	12077535	11835049	11883325	11931970	1.08	cps
Thallium	203-1	17238	17351	17401	17330	0.48	cps
Thallium	205-1	40116	40577	40557	40417	0.65	cps
Tin	118-1	8764709	8913601	8779335	8819215	0.93	cps
Titanium	47-1	1014801	1028719	1040166	1027895	1.24	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:39:39	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	160424	164141	163834	162800	1.27	cps
Vanadium	51-2	246937	245508	247504	246650	0.42	cps
Yttrium	89-1	21387262	20950009	21017403	21118225	1.11	cps
Yttrium	89-2	5845897	5812348	5783950	5814065	0.53	cps
Zinc	66-2	15974894	16004588	15973364	15984282	0.11	cps
Zirconium	90-1	379865	389711	392589	387389	1.72	cps
Zirconium	91-1	88803	92090	91533	90809	1.94	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-12	Instrumnet Name :	P7
Client Sample ID :	MJNKB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:42:34	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2527242	2468589	2501095	2498976	1.18	cps
Antimony	121-1	373429	374597	374883	374303	0.21	cps
Arsenic	75-2	30328	30091	30024	30147	0.53	cps
Barium	135-1	54832	55564	55829	55408	0.93	cps
Barium	137-1	96246	98680	95179	96701	1.86	cps
Beryllium	9-1	450	450	397	432	7.12	cps
Bismuth	209-1	10152343	9940539	10118441	10070441	1.13	cps
Bismuth	209-2	8597999	8576417	8504158	8559525	0.57	cps
Bromine	81-1	28514	29636	29967	29373	2.59	cps
Bromine	81-2	2914	2950	3040	2968	2.20	cps
Cadmium	108-1	157	180	110	149	23.94	cps
Cadmium	106-1	5221	5151	5238	5203	0.88	cps
Cadmium	111-1	1747	1755	1859	1787	3.48	cps
Calcium	43-1	119858	119304	120322	119828	0.43	cps
Calcium	44-1	1852082	1847530	1850096	1849903	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154959	155862	154279	155033	0.51	cps
Cobalt	59-2	135027	136533	134772	135444	0.70	cps
Copper	63-2	285685	288284	285798	286589	0.51	cps
Dysprosium	156-1	22765	23002	22962	22910	0.55	cps
Dysprosium	156-2	19003	19120	19153	19092	0.41	cps
Erbium	164-1	20922	20572	20999	20831	1.09	cps
Erbium	164-2	15145	14985	15385	15172	1.33	cps
Gadolinium	160-1	22822	23062	22915	22933	0.53	cps
Gadolinium	160-2	17972	18305	17604	17960	1.95	cps
Holmium	165-1	17174619	16848699	16649662	16890993	1.57	cps
Holmium	165-2	12084379	12216085	12060283	12120249	0.69	cps
Indium	115-1	13741371	13569051	13617228	13642550	0.65	cps
Indium	115-2	5221087	5220657	5121017	5187587	1.11	cps
Iron	56-2	122891175	122147188	121791968	122276777	0.46	cps
Iron	57-2	3025475	3019525	3021779	3022260	0.10	cps
Iron	54-2	6708400	6737503	6617685	6687863	0.93	cps
Krypton	83-1	233	197	237	222	9.99	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-12	Instrumnet Name :	P7
Client Sample ID :	MJNKB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:42:34	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	525565	523575	527705	525615	0.39	cps
Lead	207-1	446066	449536	453834	449812	0.87	cps
Lead	208-1	2064148	2066276	2076622	2069015	0.32	cps
Lithium	6-1	2005596	2035735	1993875	2011736	1.07	cps
Magnesium	24-2	3582271	3514226	3507576	3534691	1.17	cps
Manganese	55-2	1298683	1280749	1275733	1285055	0.94	cps
Molybdenum	94-1	29389	30111	30211	29904	1.50	cps
Molybdenum	95-1	6972	7122	7032	7042	1.07	cps
Molybdenum	96-1	12759	13573	13406	13246	3.25	cps
Molybdenum	97-1	4347	4481	4788	4539	4.97	cps
Molybdenum	98-1	11101	11718	11041	11287	3.32	cps
Neodymium	150-1	35368	34622	35040	35010	1.07	cps
Neodymium	150-2	21767	21710	20932	21470	2.17	cps
Nickel	60-2	92811	93281	93080	93057	0.25	cps
Phosphorus	31-2	10167	9787	10150	10034	2.14	cps
Potassium	39-2	1379226	1375420	1383098	1379248	0.28	cps
Rhodium	103-1	12727371	12536604	12703843	12655939	0.82	cps
Rhodium	103-2	7744626	7681464	7643655	7689915	0.66	cps
Scandium	45-1	7436081	7382253	7404241	7407525	0.37	cps
Scandium	45-2	656263	656441	646667	653124	0.86	cps
Selenium	82-1	290	285	233	269	11.83	cps
Selenium	77-2	90	70	63	74	18.64	cps
Selenium	78-2	583	523	540	549	5.64	cps
Silicon	28-1	5826911	5770876	5784715	5794167	0.50	cps
Silver	107-1	3140	2794	2784	2906	6.99	cps
Silver	109-1	2854	2617	2447	2639	7.74	cps
Sodium	23-2	4819812	4720630	4759971	4766804	1.05	cps
Strontium	86-1	137068	137041	139315	137808	0.95	cps
Strontium	88-1	1186908	1198249	1196801	1193986	0.52	cps
Sulfur	34-1	224667	221580	219889	222045	1.09	cps
Terbium	159-1	17191770	17167398	17146724	17168631	0.13	cps
Terbium	159-2	12046178	11948519	11870894	11955197	0.73	cps
Thallium	203-1	2287	2430	2334	2350	3.11	cps
Thallium	205-1	5561	5461	5324	5449	2.18	cps
Tin	118-1	69979	71295	70569	70614	0.93	cps
Titanium	47-1	498745	500914	502129	500596	0.34	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-12	Instrumnet Name :	P7
Client Sample ID :	MJNKB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:42:34	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15920	16073	15613	15868	1.48	cps
Vanadium	51-2	161365	161833	162409	161869	0.32	cps
Yttrium	89-1	21239093	21024640	21164153	21142629	0.51	cps
Yttrium	89-2	5868378	5880148	5815038	5854521	0.59	cps
Zinc	66-2	200719	200720	200672	200704	0.01	cps
Zirconium	90-1	69440	70070	70254	69921	0.61	cps
Zirconium	91-1	15375	15702	15775	15617	1.37	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-13	Instrumnet Name :	P7
Client Sample ID :	MJNKB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:45:43	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1735846	1741548	1721002	1732799	0.61	cps
Antimony	121-1	33185	33743	33432	33453	0.84	cps
Arsenic	75-2	7719	8059	8022	7933	2.35	cps
Barium	135-1	37534	38335	37630	37833	1.16	cps
Barium	137-1	65403	65212	64495	65037	0.74	cps
Beryllium	9-1	270	323	353	316	13.37	cps
Bismuth	209-1	10183520	9615248	10293678	10030815	3.63	cps
Bismuth	209-2	8571068	8531172	8447903	8516714	0.74	cps
Bromine	81-1	30658	31607	31631	31299	1.77	cps
Bromine	81-2	3370	3460	3337	3389	1.88	cps
Cadmium	108-1	63	110	77	83	28.85	cps
Cadmium	106-1	4978	4821	5254	5018	4.37	cps
Cadmium	111-1	1204	1157	1261	1208	4.31	cps
Calcium	43-1	141458	140015	140025	140499	0.59	cps
Calcium	44-1	2216811	2234993	2181704	2211170	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81582	82735	83044	82454	0.93	cps
Cobalt	59-2	54258	54117	53960	54112	0.28	cps
Copper	63-2	173587	169801	170074	171154	1.23	cps
Dysprosium	156-1	32698	33019	33139	32952	0.69	cps
Dysprosium	156-2	28375	28402	27965	28247	0.87	cps
Erbium	164-1	25380	26291	25660	25777	1.81	cps
Erbium	164-2	18355	18713	19020	18696	1.78	cps
Gadolinium	160-1	32287	32157	31786	32077	0.81	cps
Gadolinium	160-2	24481	24729	24622	24611	0.50	cps
Holmium	165-1	16863491	15733933	16870774	16489399	3.97	cps
Holmium	165-2	11940815	12075400	11941883	11986033	0.65	cps
Indium	115-1	13554582	12913936	13848497	13439005	3.56	cps
Indium	115-2	5120023	5034260	5033716	5062666	0.98	cps
Iron	56-2	72805429	72176311	71867169	72282969	0.66	cps
Iron	57-2	1794293	1779353	1797693	1790446	0.54	cps
Iron	54-2	3944244	3973483	3901176	3939634	0.92	cps
Krypton	83-1	260	230	240	243	6.28	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-13	Instrumnet Name :	P7
Client Sample ID :	MJNKB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:45:43	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	140090	142239	139612	140647	0.99	cps
Lead	207-1	119063	120142	119177	119461	0.50	cps
Lead	208-1	550295	557217	548876	552130	0.81	cps
Lithium	6-1	1987843	1942073	2033785	1987901	2.31	cps
Magnesium	24-2	1938794	1901759	1921330	1920628	0.96	cps
Manganese	55-2	1662665	1682544	1634336	1659849	1.46	cps
Molybdenum	94-1	25930	27079	25663	26224	2.87	cps
Molybdenum	95-1	5248	5094	5091	5144	1.74	cps
Molybdenum	96-1	10544	10214	10571	10443	1.90	cps
Molybdenum	97-1	3280	3384	3320	3328	1.57	cps
Molybdenum	98-1	8352	8589	8716	8553	2.16	cps
Neodymium	150-1	58233	57015	57962	57736	1.11	cps
Neodymium	150-2	34913	35254	35257	35141	0.56	cps
Nickel	60-2	28454	29045	28394	28631	1.26	cps
Phosphorus	31-2	16549	16255	16315	16373	0.95	cps
Potassium	39-2	719326	712272	712547	714715	0.56	cps
Rhodium	103-1	12682824	11949689	12732038	12454850	3.52	cps
Rhodium	103-2	7497294	7565632	7511909	7524945	0.48	cps
Scandium	45-1	7361106	6883256	7349824	7198062	3.79	cps
Scandium	45-2	633423	626979	629210	629870	0.52	cps
Selenium	82-1	193	258	261	237	16.16	cps
Selenium	77-2	77	77	123	92	29.22	cps
Selenium	78-2	607	550	530	562	7.07	cps
Silicon	28-1	4738659	5048428	5282472	5023186	5.43	cps
Silver	107-1	1213	1387	1307	1302	6.66	cps
Silver	109-1	1227	1297	1200	1241	4.02	cps
Sodium	23-2	5777589	5701093	5768981	5749221	0.73	cps
Strontium	86-1	146961	144013	144359	145111	1.11	cps
Strontium	88-1	1250744	1255421	1250540	1252235	0.22	cps
Sulfur	34-1	224251	224424	226469	225048	0.55	cps
Terbium	159-1	17360820	16441028	17475434	17092427	3.32	cps
Terbium	159-2	11792763	11814056	11822713	11809844	0.13	cps
Thallium	203-1	933	1043	953	977	6.00	cps
Thallium	205-1	2390	2557	2400	2449	3.82	cps
Tin	118-1	13473	13687	13556	13572	0.79	cps
Titanium	47-1	852324	849696	848278	850099	0.24	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-13	Instrumnet Name :	P7
Client Sample ID :	MJNKB9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:45:43	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13290	13337	13460	13362	0.66	cps
Vanadium	51-2	204850	205410	202935	204398	0.63	cps
Yttrium	89-1	21012120	19978590	21404347	20798352	3.54	cps
Yttrium	89-2	5724757	5701461	5704347	5710188	0.22	cps
Zinc	66-2	48913	48542	49074	48843	0.56	cps
Zirconium	90-1	62629	63302	65834	63922	2.64	cps
Zirconium	91-1	13743	14097	14087	13976	1.44	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-14	Instrumnet Name :	P7
Client Sample ID :	MJNKC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:49:29	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1630304	1620651	1599761	1616905	0.97	cps
Antimony	121-1	60393	61846	59747	60662	1.77	cps
Arsenic	75-2	15508	15582	15962	15684	1.55	cps
Barium	135-1	38556	39027	39157	38913	0.81	cps
Barium	137-1	68145	68404	66900	67816	1.19	cps
Beryllium	9-1	307	327	300	311	4.46	cps
Bismuth	209-1	10028824	10035192	10045307	10036441	0.08	cps
Bismuth	209-2	8483970	8406404	8458038	8449471	0.47	cps
Bromine	81-1	30177	30532	30638	30449	0.79	cps
Bromine	81-2	3220	3440	3460	3374	3.95	cps
Cadmium	108-1	60	87	67	71	19.52	cps
Cadmium	106-1	4954	4941	4624	4840	3.86	cps
Cadmium	111-1	1365	1302	1249	1305	4.44	cps
Calcium	43-1	105809	104839	105117	105255	0.47	cps
Calcium	44-1	1653098	1656326	1671565	1660329	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84639	84304	84391	84445	0.21	cps
Cobalt	59-2	55198	54147	54177	54507	1.10	cps
Copper	63-2	292527	292121	293406	292685	0.22	cps
Dysprosium	156-1	22241	22495	22919	22552	1.52	cps
Dysprosium	156-2	18996	18693	18672	18787	0.97	cps
Erbium	164-1	18232	18496	18506	18411	0.84	cps
Erbium	164-2	13483	13113	13407	13334	1.47	cps
Gadolinium	160-1	21954	22224	21804	21994	0.97	cps
Gadolinium	160-2	17368	17244	17424	17345	0.53	cps
Holmium	165-1	16624632	16809410	16650501	16694848	0.60	cps
Holmium	165-2	11894740	11746049	11898343	11846377	0.73	cps
Indium	115-1	13509430	13413520	13515474	13479475	0.42	cps
Indium	115-2	5029221	4932645	4996657	4986174	0.99	cps
Iron	56-2	63177292	62895066	63584557	63218972	0.55	cps
Iron	57-2	1592202	1571707	1590710	1584873	0.72	cps
Iron	54-2	3455892	3466784	3459086	3460587	0.16	cps
Krypton	83-1	250	267	233	250	6.67	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-14	Instrumnet Name :	P7
Client Sample ID :	MJNKC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:49:29	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	235979	235950	240408	237446	1.08	cps
Lead	207-1	201337	206254	204070	203887	1.21	cps
Lead	208-1	928028	934573	940350	934317	0.66	cps
Lithium	6-1	2004922	2010857	1985968	2000582	0.65	cps
Magnesium	24-2	1936673	1896658	1907654	1913661	1.08	cps
Manganese	55-2	646096	638939	643471	642835	0.56	cps
Molybdenum	94-1	19727	20121	19911	19920	0.99	cps
Molybdenum	95-1	3210	3194	3057	3154	2.67	cps
Molybdenum	96-1	7078	7212	6652	6981	4.19	cps
Molybdenum	97-1	1843	1900	1900	1881	1.74	cps
Molybdenum	98-1	5194	5044	4861	5033	3.32	cps
Neodymium	150-1	37249	37156	38041	37482	1.30	cps
Neodymium	150-2	22765	22889	23129	22928	0.81	cps
Nickel	60-2	36969	36361	35405	36245	2.17	cps
Phosphorus	31-2	11268	11521	11434	11408	1.13	cps
Potassium	39-2	813706	812504	812692	812968	0.08	cps
Rhodium	103-1	12700808	12389805	12436615	12509076	1.34	cps
Rhodium	103-2	7573404	7440220	7426184	7479936	1.09	cps
Scandium	45-1	7212011	7150910	7056161	7139694	1.10	cps
Scandium	45-2	624672	621976	621000	622549	0.31	cps
Selenium	82-1	192	230	230	217	10.02	cps
Selenium	77-2	77	100	40	72	41.88	cps
Selenium	78-2	470	500	527	499	5.68	cps
Silicon	28-1	5521075	5235823	4920628	5225842	5.75	cps
Silver	107-1	2757	2800	2740	2766	1.12	cps
Silver	109-1	2564	2550	2674	2596	2.61	cps
Sodium	23-2	4399458	4380875	4351339	4377224	0.55	cps
Strontium	86-1	111025	112069	113352	112149	1.04	cps
Strontium	88-1	968709	977561	973050	973107	0.45	cps
Sulfur	34-1	218276	218361	216596	217744	0.46	cps
Terbium	159-1	17259330	17142124	16803049	17068167	1.39	cps
Terbium	159-2	11799861	11864867	11722913	11795881	0.60	cps
Thallium	203-1	1720	1593	1710	1675	4.21	cps
Thallium	205-1	3771	3821	3831	3807	0.84	cps
Tin	118-1	29841	30486	30162	30163	1.07	cps
Titanium	47-1	501078	511647	512094	508273	1.23	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-14	Instrumnet Name :	P7
Client Sample ID :	MJNKC1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:49:29	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12596	12873	12900	12790	1.31	cps
Vanadium	51-2	126901	127466	127123	127163	0.22	cps
Yttrium	89-1	20670545	20617677	20570287	20619503	0.24	cps
Yttrium	89-2	5677726	5564704	5685094	5642508	1.20	cps
Zinc	66-2	63836	63036	65034	63968	1.57	cps
Zirconium	90-1	51502	48677	48809	49663	3.21	cps
Zirconium	91-1	10964	11551	10737	11084	3.79	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-15	Instrumnet Name :	P7
Client Sample ID :	MJNKC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:52:40	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2020911	2003031	2018160	2014034	0.48	cps
Antimony	121-1	4767	4641	4534	4647	2.51	cps
Arsenic	75-2	4234	4444	4341	4340	2.42	cps
Barium	135-1	42988	43372	42784	43048	0.69	cps
Barium	137-1	74162	74815	74934	74637	0.56	cps
Beryllium	9-1	400	383	377	387	3.11	cps
Bismuth	209-1	10024058	10073549	9987907	10028505	0.43	cps
Bismuth	209-2	8594544	8503929	8567738	8555404	0.54	cps
Bromine	81-1	28144	29576	29867	29196	3.16	cps
Bromine	81-2	3070	3150	3184	3135	1.86	cps
Cadmium	108-1	100	97	117	104	10.26	cps
Cadmium	106-1	5048	5111	4908	5022	2.07	cps
Cadmium	111-1	1324	1352	1274	1317	3.03	cps
Calcium	43-1	153659	154497	152774	153643	0.56	cps
Calcium	44-1	2390902	2445232	2457564	2431233	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75173	74305	74928	74802	0.60	cps
Cobalt	59-2	52903	51458	52558	52306	1.44	cps
Copper	63-2	134514	132419	133028	133320	0.81	cps
Dysprosium	156-1	36738	37904	37340	37327	1.56	cps
Dysprosium	156-2	32280	31853	32451	32195	0.96	cps
Erbium	164-1	29698	29671	29782	29717	0.19	cps
Erbium	164-2	20719	21286	21577	21194	2.06	cps
Gadolinium	160-1	35933	36273	36715	36307	1.08	cps
Gadolinium	160-2	27918	28552	27383	27951	2.09	cps
Holmium	165-1	16903124	16802509	16384400	16696678	1.65	cps
Holmium	165-2	11922076	11892948	11909381	11908135	0.12	cps
Indium	115-1	13518005	13377211	13304995	13400070	0.81	cps
Indium	115-2	4939821	4929576	4995390	4954929	0.71	cps
Iron	56-2	78275836	77273499	77455812	77668382	0.69	cps
Iron	57-2	1964316	1943955	1921519	1943263	1.10	cps
Iron	54-2	4295619	4227769	4267033	4263474	0.80	cps
Krypton	83-1	237	270	193	233	16.48	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-15	Instrumnet Name :	P7
Client Sample ID :	MJNKC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:52:40	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	55088	56289	55637	55671	1.08	cps
Lead	207-1	46044	46402	47078	46508	1.13	cps
Lead	208-1	215824	215959	213297	215027	0.70	cps
Lithium	6-1	2012753	2002554	1971290	1995532	1.08	cps
Magnesium	24-2	2083017	2060283	2065280	2069527	0.58	cps
Manganese	55-2	732589	727769	726720	729026	0.43	cps
Molybdenum	94-1	46998	47982	47347	47442	1.05	cps
Molybdenum	95-1	6798	6888	7158	6948	2.70	cps
Molybdenum	96-1	16166	15855	15612	15878	1.75	cps
Molybdenum	97-1	4344	4484	4397	4408	1.60	cps
Molybdenum	98-1	11128	11521	11608	11419	2.24	cps
Neodymium	150-1	66486	66529	65943	66319	0.49	cps
Neodymium	150-2	41401	40729	40267	40799	1.40	cps
Nickel	60-2	27455	27863	27515	27611	0.80	cps
Phosphorus	31-2	18468	18091	18455	18338	1.17	cps
Potassium	39-2	741420	729347	726999	732589	1.06	cps
Rhodium	103-1	12434316	12260340	12218075	12304244	0.93	cps
Rhodium	103-2	7407429	7401569	7410657	7406551	0.06	cps
Scandium	45-1	7146972	7095456	7051704	7098044	0.67	cps
Scandium	45-2	623208	620784	615968	619987	0.59	cps
Selenium	82-1	247	215	239	234	7.11	cps
Selenium	77-2	130	107	107	114	11.77	cps
Selenium	78-2	557	523	447	509	11.08	cps
Silicon	28-1	4699703	4383868	4367950	4483840	4.17	cps
Silver	107-1	707	827	860	798	10.11	cps
Silver	109-1	753	727	693	724	4.15	cps
Sodium	23-2	4649311	4600667	4588518	4612832	0.70	cps
Strontium	86-1	166952	165693	164848	165831	0.64	cps
Strontium	88-1	1420286	1464194	1470547	1451676	1.89	cps
Sulfur	34-1	301223	301005	303198	301809	0.40	cps
Terbium	159-1	17062359	16988134	16910246	16986913	0.45	cps
Terbium	159-2	11920221	11719965	11610664	11750283	1.34	cps
Thallium	203-1	1203	1223	1143	1190	3.50	cps
Thallium	205-1	2624	2797	2877	2766	4.68	cps
Tin	118-1	7749	7779	7916	7814	1.14	cps
Titanium	47-1	735447	732069	730932	732816	0.32	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-15	Instrumnet Name :	P7
Client Sample ID :	MJNKC2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:52:40	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24960	24893	24763	24872	0.40	cps
Vanadium	51-2	203181	204161	201405	202916	0.69	cps
Yttrium	89-1	20810236	20764884	20514730	20696617	0.77	cps
Yttrium	89-2	5630303	5597781	5584918	5604334	0.42	cps
Zinc	66-2	37474	37216	37824	37505	0.81	cps
Zirconium	90-1	117307	118554	126973	120945	4.35	cps
Zirconium	91-1	27970	26193	26658	26940	3.42	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:55:52	DataFile Name :	113CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12915651	12836667	12899351	12883890	0.32	cps
Antimony	121-1	6019240	5906720	5933826	5953262	0.99	cps
Arsenic	75-2	282855	281293	280904	281684	0.37	cps
Barium	135-1	7741669	7730172	7612970	7694937	0.93	cps
Barium	137-1	13198159	13193847	13206395	13199467	0.05	cps
Beryllium	9-1	675196	668054	662990	668746	0.92	cps
Bismuth	209-1	8862540	8971491	8897796	8910609	0.62	cps
Bismuth	209-2	7556129	7492299	7459791	7502740	0.65	cps
Bromine	81-1	14390	13753	13249	13798	4.14	cps
Bromine	81-2	297	313	303	304	2.76	cps
Cadmium	108-1	106484	107347	104966	106265	1.13	cps
Cadmium	106-1	153794	154626	154408	154276	0.28	cps
Cadmium	111-1	1442310	1448307	1440685	1443767	0.28	cps
Calcium	43-1	7313812	7127037	7236465	7225771	1.30	cps
Calcium	44-1	117762988	115177292	115246272	116062184	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2182066	2175664	2176042	2177924	0.16	cps
Cobalt	59-2	3352400	3365992	3329921	3349438	0.54	cps
Copper	63-2	23500707	23427125	23420888	23449574	0.19	cps
Dysprosium	156-1	373	297	303	324	13.09	cps
Dysprosium	156-2	423	507	503	478	9.88	cps
Erbium	164-1	360	323	303	329	8.74	cps
Erbium	164-2	257	260	257	258	0.75	cps
Gadolinium	160-1	307	283	233	274	13.65	cps
Gadolinium	160-2	733	833	747	771	7.04	cps
Holmium	165-1	15563624	15472731	15357362	15464573	0.67	cps
Holmium	165-2	11102767	11128198	11025772	11085579	0.48	cps
Indium	115-1	11761490	11606138	11460883	11609504	1.29	cps
Indium	115-2	4339463	4263720	4203142	4268775	1.60	cps
Iron	56-2	510697806	510135926	506559886	509131206	0.44	cps
Iron	57-2	12769864	12720166	12723463	12737831	0.22	cps
Iron	54-2	27558851	27810411	27701670	27690311	0.46	cps
Krypton	83-1	200	240	217	219	9.18	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:55:52	DataFile Name :	113CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23439233	23893861	23631495	23654863	0.96	cps
Lead	207-1	20458493	20878275	20651352	20662707	1.02	cps
Lead	208-1	93347879	95298124	93969481	94205161	1.06	cps
Lithium	6-1	1838940	1803927	1830723	1824530	1.00	cps
Magnesium	24-2	97115649	97173475	97032385	97107170	0.07	cps
Manganese	55-2	17718518	17736379	17666871	17707256	0.20	cps
Molybdenum	94-1	20215706	20130805	19777521	20041344	1.16	cps
Molybdenum	95-1	29252103	29157660	28809112	29072958	0.80	cps
Molybdenum	96-1	32182060	32146170	31657207	31995145	0.92	cps
Molybdenum	97-1	18350634	18293619	17976342	18206865	1.11	cps
Molybdenum	98-1	47586354	47076271	46469889	47044172	1.19	cps
Neodymium	150-1	507	537	483	509	5.25	cps
Neodymium	150-2	187	150	167	168	10.94	cps
Nickel	60-2	798064	800718	798627	799136	0.18	cps
Phosphorus	31-2	113053	111838	112916	112602	0.59	cps
Potassium	39-2	62986999	62912186	63299541	63066242	0.33	cps
Rhodium	103-1	10422695	10303336	10068707	10264913	1.75	cps
Rhodium	103-2	6128486	6092028	6073710	6098075	0.46	cps
Scandium	45-1	6292538	6168234	6093567	6184780	1.63	cps
Scandium	45-2	527365	528257	524212	526612	0.40	cps
Selenium	82-1	85432	84592	84155	84727	0.77	cps
Selenium	77-2	9006	8756	8893	8885	1.41	cps
Selenium	78-2	29483	30037	30011	29843	1.05	cps
Silicon	28-1	7421831	7284871	7261114	7322605	1.18	cps
Silver	107-1	7119402	7243162	7091764	7151443	1.13	cps
Silver	109-1	6938981	6822225	6774583	6845263	1.24	cps
Sodium	23-2	159263624	158657048	159660184	159193619	0.32	cps
Strontium	86-1	1859525	1839201	1835883	1844870	0.69	cps
Strontium	88-1	16304193	16121060	16037688	16154314	0.84	cps
Sulfur	34-1	557496	544948	539412	547285	1.69	cps
Terbium	159-1	15924154	15835658	16068868	15942893	0.74	cps
Terbium	159-2	10959383	10809637	10680245	10816422	1.29	cps
Thallium	203-1	5838477	5942468	5932639	5904528	0.97	cps
Thallium	205-1	13903579	14110699	14236387	14083555	1.19	cps
Tin	118-1	4917929	4909438	4864683	4897350	0.58	cps
Titanium	47-1	6843866	6772332	6683343	6766514	1.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 20:55:52	DataFile Name :	113CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18256803	18675569	18436324	18456232	1.14	cps
Vanadium	51-2	1936731	1902562	1948320	1929204	1.23	cps
Yttrium	89-1	18278421	17946562	17671645	17965543	1.69	cps
Yttrium	89-2	4867044	4901685	4749343	4839357	1.65	cps
Zinc	66-2	4050940	4024704	4040841	4038828	0.33	cps
Zirconium	90-1	10088168	9993173	9864380	9981907	1.13	cps
Zirconium	91-1	2214391	2232808	2197324	2214841	0.80	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:06:06	DataFile Name :	116CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	67	87	71	19.52	cps
Antimony	121-1	630	520	373	508	25.37	cps
Arsenic	75-2	37	13	7	19	83.40	cps
Barium	135-1	137	40	77	84	57.79	cps
Barium	137-1	163	70	60	98	58.29	cps
Beryllium	9-1	80	117	63	87	31.49	cps
Bismuth	209-1	9993235	9859373	9961518	9938042	0.70	cps
Bismuth	209-2	8370753	8324675	8483471	8392966	0.97	cps
Bromine	81-1	15091	15211	14848	15050	1.23	cps
Bromine	81-2	337	387	337	353	8.17	cps
Cadmium	108-1	17	7	7	10	57.72	cps
Cadmium	106-1	4747	4267	4174	4396	7.00	cps
Cadmium	111-1	998	866	854	906	8.85	cps
Calcium	43-1	203	197	207	202	2.52	cps
Calcium	44-1	6418	5504	5711	5878	8.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2114	2077	2134	2108	1.36	cps
Cobalt	59-2	100	67	123	97	29.46	cps
Copper	63-2	1277	1300	1317	1298	1.55	cps
Dysprosium	156-1	13	7	17	12	41.65	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	93	80	93	89	8.66	cps
Erbium	164-2	57	47	30	44	30.31	cps
Gadolinium	160-1	33	33	57	41	32.78	cps
Gadolinium	160-2	617	533	610	587	7.89	cps
Holmium	165-1	15879841	16144702	15987375	16003973	0.83	cps
Holmium	165-2	11423445	11490299	11452726	11455490	0.29	cps
Indium	115-1	12822391	12875727	12692472	12796864	0.74	cps
Indium	115-2	4789447	4746983	4791710	4776047	0.53	cps
Iron	56-2	20868	20684	23014	21522	6.02	cps
Iron	57-2	1107	1080	957	1048	7.64	cps
Iron	54-2	2407	2517	2524	2482	2.64	cps
Krypton	83-1	193	177	230	200	13.64	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:06:06	DataFile Name :	116CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1970	1607	1497	1691	14.65	cps
Lead	207-1	1800	1343	1427	1523	15.97	cps
Lead	208-1	7571	6174	6157	6634	12.23	cps
Lithium	6-1	1927299	1949851	1922542	1933231	0.75	cps
Magnesium	24-2	760	780	723	754	3.81	cps
Manganese	55-2	430	507	520	486	10.00	cps
Molybdenum	94-1	1354	370	437	720	76.36	cps
Molybdenum	95-1	1264	267	287	606	94.12	cps
Molybdenum	96-1	1141	380	503	675	60.51	cps
Molybdenum	97-1	610	243	183	346	66.86	cps
Molybdenum	98-1	1635	473	480	863	77.50	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	613	507	543	554	9.77	cps
Phosphorus	31-2	110	87	127	108	18.64	cps
Potassium	39-2	52534	52557	52199	52430	0.38	cps
Rhodium	103-1	11708076	11781134	11732833	11740681	0.32	cps
Rhodium	103-2	7042843	6973260	7103268	7039791	0.92	cps
Scandium	45-1	6613066	6550256	6565041	6576121	0.50	cps
Scandium	45-2	575615	574513	576769	575632	0.20	cps
Selenium	82-1	215	146	68	143	51.77	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	433	370	447	417	9.83	cps
Silicon	28-1	528236	532764	531581	530860	0.44	cps
Silver	107-1	300	153	143	199	44.10	cps
Silver	109-1	167	170	123	153	16.98	cps
Sodium	23-2	32197	31285	30777	31420	2.29	cps
Strontium	86-1	817	310	357	495	56.65	cps
Strontium	88-1	4004	307	247	1519	141.67	cps
Sulfur	34-1	170897	173429	173044	172457	0.79	cps
Terbium	159-1	16363742	16211141	16602624	16392502	1.20	cps
Terbium	159-2	11249357	11201213	11262332	11237634	0.29	cps
Thallium	203-1	340	330	333	334	1.52	cps
Thallium	205-1	817	840	830	829	1.41	cps
Tin	118-1	1320	1233	1197	1250	5.07	cps
Titanium	47-1	107	87	87	93	12.37	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:06:06	DataFile Name :	116CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	20	13	21	39.75	cps
Vanadium	51-2	37	23	30	30	22.23	cps
Yttrium	89-1	19092625	18996541	19112839	19067335	0.33	cps
Yttrium	89-2	5197420	5199148	5258878	5218482	0.67	cps
Zinc	66-2	263	217	213	231	12.10	cps
Zirconium	90-1	1284	737	703	908	35.89	cps
Zirconium	91-1	243	200	157	200	21.67	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-16	Instrumnet Name :	P7
Client Sample ID :	MJNKC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:09:25	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1792728	1752283	1755415	1766808	1.27	cps
Antimony	121-1	74937	76033	74193	75054	1.23	cps
Arsenic	75-2	18612	18812	18578	18667	0.68	cps
Barium	135-1	56866	57415	59698	57993	2.59	cps
Barium	137-1	99344	99948	101768	100353	1.26	cps
Beryllium	9-1	340	323	363	342	5.87	cps
Bismuth	209-1	10150533	10256237	9992715	10133161	1.31	cps
Bismuth	209-2	8511151	8462742	8492711	8488868	0.29	cps
Bromine	81-1	66298	69275	70705	68759	3.27	cps
Bromine	81-2	11668	11735	11248	11550	2.29	cps
Cadmium	108-1	183	180	190	184	2.76	cps
Cadmium	106-1	5144	4961	4681	4929	4.74	cps
Cadmium	111-1	2691	2610	2741	2681	2.48	cps
Calcium	43-1	539381	539908	539253	539514	0.06	cps
Calcium	44-1	8481673	8325318	8353658	8386883	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86958	86412	85785	86385	0.68	cps
Cobalt	59-2	48110	47301	48214	47875	1.04	cps
Copper	63-2	1191058	1184020	1194681	1189920	0.46	cps
Dysprosium	156-1	15826	15896	16266	15996	1.48	cps
Dysprosium	156-2	12863	13283	13617	13254	2.85	cps
Erbium	164-1	15135	15092	15022	15083	0.38	cps
Erbium	164-2	10751	10661	10667	10693	0.47	cps
Gadolinium	160-1	15963	15949	15812	15908	0.52	cps
Gadolinium	160-2	13116	12796	12225	12713	3.55	cps
Holmium	165-1	16814443	16768406	16322179	16635009	1.63	cps
Holmium	165-2	11762576	11806440	11740959	11769992	0.28	cps
Indium	115-1	13219992	13080285	13052741	13117673	0.68	cps
Indium	115-2	4823528	4888426	4847670	4853208	0.68	cps
Iron	56-2	52653443	52900874	52778749	52777689	0.23	cps
Iron	57-2	1331200	1328978	1324479	1328219	0.26	cps
Iron	54-2	2893984	2873857	2868076	2878639	0.47	cps
Krypton	83-1	223	280	237	247	12.01	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-16	Instrumnet Name :	P7
Client Sample ID :	MJNKC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:09:25	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	694399	699194	695920	696504	0.35	cps
Lead	207-1	595752	594314	594048	594705	0.15	cps
Lead	208-1	2719437	2736877	2718549	2724954	0.38	cps
Lithium	6-1	1972983	2004643	1965708	1981111	1.04	cps
Magnesium	24-2	2363733	2408954	2378946	2383877	0.97	cps
Manganese	55-2	610323	604952	605542	606939	0.49	cps
Molybdenum	94-1	24835	24938	24938	24904	0.24	cps
Molybdenum	95-1	14944	14934	14978	14952	0.15	cps
Molybdenum	96-1	19416	18969	18882	19089	1.50	cps
Molybdenum	97-1	9343	9166	9150	9220	1.16	cps
Molybdenum	98-1	23676	23920	23769	23788	0.52	cps
Neodymium	150-1	24024	23850	22922	23599	2.51	cps
Neodymium	150-2	14795	14494	14624	14638	1.03	cps
Nickel	60-2	35843	36802	36060	36235	1.39	cps
Phosphorus	31-2	7752	8066	8219	8012	2.97	cps
Potassium	39-2	924941	920707	912774	919474	0.67	cps
Rhodium	103-1	12102681	11963672	11840068	11968807	1.10	cps
Rhodium	103-2	7151289	7159465	7221364	7177373	0.53	cps
Scandium	45-1	6905328	6792263	6764361	6820651	1.09	cps
Scandium	45-2	596020	593983	591019	593674	0.42	cps
Selenium	82-1	417	308	333	353	16.12	cps
Selenium	77-2	67	60	50	59	14.25	cps
Selenium	78-2	533	507	493	511	3.98	cps
Silicon	28-1	4598993	4488858	5549992	4879281	11.96	cps
Silver	107-1	12606	12816	12479	12633	1.35	cps
Silver	109-1	12235	12212	11865	12104	1.71	cps
Sodium	23-2	9721297	9616669	9611590	9649852	0.64	cps
Strontium	86-1	684463	685735	692021	687407	0.59	cps
Strontium	88-1	6125291	6199285	6078287	6134288	0.99	cps
Sulfur	34-1	406402	405496	407085	406328	0.20	cps
Terbium	159-1	17153428	16879321	16863530	16965426	0.96	cps
Terbium	159-2	11596938	11664291	11602721	11621317	0.32	cps
Thallium	203-1	2367	2304	2364	2345	1.52	cps
Thallium	205-1	5455	5505	5364	5441	1.30	cps
Tin	118-1	134100	134360	135483	134648	0.55	cps
Titanium	47-1	360092	350791	351762	354215	1.44	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-16	Instrumnet Name :	P7
Client Sample ID :	MJNKC3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:09:25	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67434	67340	67568	67447	0.17	cps
Vanadium	51-2	106395	107140	106619	106718	0.36	cps
Yttrium	89-1	20049536	19884576	19706868	19880327	0.86	cps
Yttrium	89-2	5453377	5357245	5378584	5396402	0.94	cps
Zinc	66-2	94094	94839	94245	94392	0.42	cps
Zirconium	90-1	44909	44457	51217	46861	8.07	cps
Zirconium	91-1	10114	9687	10250	10017	2.94	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-17	Instrumnet Name :	P7
Client Sample ID :	MJNKG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:12:35	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1847867	1883492	1935717	1889025	2.34	cps
Antimony	121-1	246378	248469	250555	248467	0.84	cps
Arsenic	75-2	25946	25732	25545	25741	0.78	cps
Barium	135-1	57941	58466	59125	58511	1.01	cps
Barium	137-1	101994	102436	101778	102069	0.33	cps
Beryllium	9-1	380	320	407	369	12.03	cps
Bismuth	209-1	10044391	10112405	10126599	10094465	0.44	cps
Bismuth	209-2	8455083	8446176	8463200	8454819	0.10	cps
Bromine	81-1	29650	30004	30836	30163	2.02	cps
Bromine	81-2	3587	3437	3384	3469	3.04	cps
Cadmium	108-1	123	110	130	121	8.41	cps
Cadmium	106-1	4961	4881	4878	4906	0.96	cps
Cadmium	111-1	1581	1623	1545	1583	2.47	cps
Calcium	43-1	159205	160973	163365	161181	1.30	cps
Calcium	44-1	2515230	2544070	2520350	2526550	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100988	99895	101166	100683	0.68	cps
Cobalt	59-2	71911	72032	73053	72332	0.87	cps
Copper	63-2	410750	410257	411707	410905	0.18	cps
Dysprosium	156-1	25543	24996	24952	25164	1.31	cps
Dysprosium	156-2	21149	21256	21420	21275	0.64	cps
Erbium	164-1	21266	22164	21640	21690	2.08	cps
Erbium	164-2	15632	15425	15515	15524	0.67	cps
Gadolinium	160-1	24515	25480	25046	25013	1.93	cps
Gadolinium	160-2	19270	19153	19704	19376	1.50	cps
Holmium	165-1	16837776	16712856	16667868	16739500	0.53	cps
Holmium	165-2	11708800	11771021	11989140	11822987	1.25	cps
Indium	115-1	13331953	13361708	13335072	13342911	0.12	cps
Indium	115-2	4947121	4968902	4973555	4963193	0.28	cps
Iron	56-2	80680165	80751159	80474562	80635295	0.18	cps
Iron	57-2	1985109	1978604	1996747	1986820	0.46	cps
Iron	54-2	4388783	4332982	4403388	4375051	0.85	cps
Krypton	83-1	287	213	243	248	14.88	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-17	Instrumnet Name :	P7
Client Sample ID :	MJNKG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:12:35	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	510310	510560	515271	512047	0.55	cps
Lead	207-1	433745	436934	438776	436485	0.58	cps
Lead	208-1	2008500	2013252	2019477	2013743	0.27	cps
Lithium	6-1	1995236	2029028	2007407	2010557	0.85	cps
Magnesium	24-2	2150750	2092881	2152389	2132007	1.59	cps
Manganese	55-2	669651	678011	676559	674740	0.66	cps
Molybdenum	94-1	29374	28668	32296	30113	6.39	cps
Molybdenum	95-1	6725	7152	7028	6968	3.15	cps
Molybdenum	96-1	12385	12739	12375	12500	1.66	cps
Molybdenum	97-1	4271	4334	4041	4215	3.66	cps
Molybdenum	98-1	10657	11171	10971	10933	2.37	cps
Neodymium	150-1	40846	40963	41508	41105	0.86	cps
Neodymium	150-2	25743	25536	24976	25418	1.56	cps
Nickel	60-2	41344	42343	41621	41769	1.24	cps
Phosphorus	31-2	11965	12422	12112	12166	1.92	cps
Potassium	39-2	986708	989783	1002362	992951	0.84	cps
Rhodium	103-1	12266324	12258183	12271991	12265499	0.06	cps
Rhodium	103-2	7324967	7398674	7544718	7422786	1.51	cps
Scandium	45-1	6952597	7033374	6986820	6990930	0.58	cps
Scandium	45-2	621566	621397	624083	622349	0.24	cps
Selenium	82-1	178	273	220	224	21.41	cps
Selenium	77-2	83	57	73	71	18.94	cps
Selenium	78-2	517	500	513	510	1.73	cps
Silicon	28-1	5273873	4620751	4782375	4892333	6.95	cps
Silver	107-1	3340	3290	3137	3256	3.25	cps
Silver	109-1	3224	2877	3257	3119	6.75	cps
Sodium	23-2	4891802	4876637	4870825	4879755	0.22	cps
Strontium	86-1	173635	174440	177000	175025	1.00	cps
Strontium	88-1	1542473	1574120	1570420	1562338	1.11	cps
Sulfur	34-1	233057	232864	230908	232276	0.51	cps
Terbium	159-1	17079164	16946956	16990950	17005690	0.40	cps
Terbium	159-2	11839593	11631037	11713561	11728064	0.90	cps
Thallium	203-1	1833	1930	2040	1935	5.35	cps
Thallium	205-1	4487	4571	4724	4594	2.61	cps
Tin	118-1	60503	61929	59947	60793	1.68	cps
Titanium	47-1	575138	593855	590983	586659	1.72	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-17	Instrumnet Name :	P7
Client Sample ID :	MJNKG8	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:12:35	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15092	15436	15399	15309	1.23	cps
Vanadium	51-2	151350	150303	152387	151346	0.69	cps
Yttrium	89-1	20168590	20347504	20289958	20268684	0.45	cps
Yttrium	89-2	5615256	5615746	5688094	5639699	0.74	cps
Zinc	66-2	154705	154715	156591	155337	0.70	cps
Zirconium	90-1	68153	69257	70851	69420	1.95	cps
Zirconium	91-1	14848	15372	15715	15311	2.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-18	Instrumnet Name :	P7
Client Sample ID :	MJNKH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:15:46	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3166239	3149149	3113429	3142939	0.86	cps
Antimony	121-1	354071	361320	362897	359429	1.31	cps
Arsenic	75-2	72660	72797	72781	72746	0.10	cps
Barium	135-1	239186	238469	242653	240103	0.93	cps
Barium	137-1	415245	418151	422131	418509	0.83	cps
Beryllium	9-1	513	483	513	503	3.44	cps
Bismuth	209-1	10310827	10158504	10242709	10237346	0.75	cps
Bismuth	209-2	8594482	8518435	8668760	8593892	0.87	cps
Bromine	81-1	70654	73947	74534	73045	2.86	cps
Bromine	81-2	11838	12302	12319	12153	2.24	cps
Cadmium	108-1	397	290	357	348	15.49	cps
Cadmium	106-1	5398	5358	5358	5371	0.43	cps
Cadmium	111-1	4278	4414	4376	4356	1.61	cps
Calcium	43-1	252655	253958	256351	254321	0.74	cps
Calcium	44-1	3920778	3929369	3964544	3938230	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179244	176938	179322	178501	0.76	cps
Cobalt	59-2	178599	176636	180716	178651	1.14	cps
Copper	63-2	6647343	6648824	6679734	6658634	0.27	cps
Dysprosium	156-1	25774	25493	25794	25687	0.65	cps
Dysprosium	156-2	22084	21497	22241	21941	1.79	cps
Erbium	164-1	23446	22996	23660	23367	1.45	cps
Erbium	164-2	17264	16743	17594	17201	2.49	cps
Gadolinium	160-1	25617	26255	26051	25974	1.25	cps
Gadolinium	160-2	19908	20198	20405	20170	1.24	cps
Holmium	165-1	16946645	16480078	16965555	16797426	1.64	cps
Holmium	165-2	12227008	12102469	12187490	12172322	0.52	cps
Indium	115-1	13570665	13586673	13615769	13591036	0.17	cps
Indium	115-2	5183807	5111250	5093163	5129407	0.94	cps
Iron	56-2	129929941	129432145	129743848	129701978	0.19	cps
Iron	57-2	3240534	3233097	3222271	3231968	0.28	cps
Iron	54-2	7014060	6999517	7083112	7032229	0.64	cps
Krypton	83-1	247	237	230	238	3.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-18	Instrumnet Name :	P7
Client Sample ID :	MJNKH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:15:46	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2362317	2421330	2396052	2393233	1.24	cps
Lead	207-1	2082696	2083514	2102862	2089691	0.55	cps
Lead	208-1	9527391	9567210	9583819	9559473	0.30	cps
Lithium	6-1	2073598	1997400	2027507	2032835	1.89	cps
Magnesium	24-2	3077028	3051067	3109652	3079249	0.95	cps
Manganese	55-2	825752	825942	836330	829341	0.73	cps
Molybdenum	94-1	40396	40730	40750	40625	0.49	cps
Molybdenum	95-1	31417	31474	31754	31548	0.57	cps
Molybdenum	96-1	39176	39035	39687	39299	0.87	cps
Molybdenum	97-1	20221	19877	19790	19963	1.14	cps
Molybdenum	98-1	49697	51504	51246	50816	1.92	cps
Neodymium	150-1	40471	40294	40648	40471	0.44	cps
Neodymium	150-2	25149	24782	25179	25037	0.88	cps
Nickel	60-2	49565	50491	49421	49826	1.17	cps
Phosphorus	31-2	12148	11695	12192	12011	2.29	cps
Potassium	39-2	1439965	1441642	1486601	1456069	1.82	cps
Rhodium	103-1	12297167	12403402	12539078	12413216	0.98	cps
Rhodium	103-2	7666937	7556772	7587774	7603827	0.75	cps
Scandium	45-1	7190807	7211156	7314579	7238847	0.92	cps
Scandium	45-2	648444	641126	645918	645163	0.58	cps
Selenium	82-1	386	427	382	398	6.27	cps
Selenium	77-2	77	73	107	86	21.46	cps
Selenium	78-2	620	620	647	629	2.45	cps
Silicon	28-1	8906416	12485271	8626644	10006110	21.50	cps
Silver	107-1	71642	73786	74614	73347	2.09	cps
Silver	109-1	68491	70500	70704	69898	1.75	cps
Sodium	23-2	10319220	10228524	10461381	10336375	1.14	cps
Strontium	86-1	283215	284606	286419	284746	0.56	cps
Strontium	88-1	2529838	2535256	2568202	2544432	0.82	cps
Sulfur	34-1	425989	425525	429175	426896	0.47	cps
Terbium	159-1	17114522	17213458	17186193	17171391	0.30	cps
Terbium	159-2	11978618	11734404	11865092	11859371	1.03	cps
Thallium	203-1	3561	3727	3847	3712	3.88	cps
Thallium	205-1	8966	8666	8806	8813	1.70	cps
Tin	118-1	229284	226788	233123	229732	1.39	cps
Titanium	47-1	637225	636824	639438	637829	0.22	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-18	Instrumnet Name :	P7
Client Sample ID :	MJNKH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:15:46	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43819	45026	44157	44334	1.41	cps
Vanadium	51-2	170251	170767	171192	170737	0.28	cps
Yttrium	89-1	20761037	20775546	21152415	20896332	1.06	cps
Yttrium	89-2	5784895	5743439	5806772	5778369	0.56	cps
Zinc	66-2	802775	797101	807339	802405	0.64	cps
Zirconium	90-1	60867	59545	60527	60313	1.14	cps
Zirconium	91-1	13633	13290	13373	13432	1.33	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:19:33	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2210664	2156506	2270502	2212557	2.58	cps
Antimony	121-1	133943	132867	133311	133374	0.41	cps
Arsenic	75-2	31837	31139	31493	31490	1.11	cps
Barium	135-1	93280	93689	93793	93587	0.29	cps
Barium	137-1	162076	160973	159779	160943	0.71	cps
Beryllium	9-1	363	360	360	361	0.53	cps
Bismuth	209-1	10286726	10283896	10198546	10256389	0.49	cps
Bismuth	209-2	8470671	8449547	8394999	8438406	0.46	cps
Bromine	81-1	64945	66442	68705	66697	2.84	cps
Bromine	81-2	10527	10757	10394	10559	1.74	cps
Cadmium	108-1	330	193	203	242	31.45	cps
Cadmium	106-1	5331	4931	4984	5082	4.28	cps
Cadmium	111-1	3132	3413	3194	3246	4.54	cps
Calcium	43-1	868823	858309	850086	859073	1.09	cps
Calcium	44-1	13517374	13421022	13382984	13440460	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124929	125712	124787	125143	0.40	cps
Cobalt	59-2	45957	46164	46405	46175	0.49	cps
Copper	63-2	4767293	4738317	4743788	4749800	0.32	cps
Dysprosium	156-1	20205	20582	21133	20640	2.26	cps
Dysprosium	156-2	17284	17151	17010	17148	0.80	cps
Erbium	164-1	18182	18759	18576	18506	1.59	cps
Erbium	164-2	13366	12929	12769	13022	2.37	cps
Gadolinium	160-1	21176	20785	20756	20906	1.12	cps
Gadolinium	160-2	15993	15749	15729	15823	0.93	cps
Holmium	165-1	16904286	16718022	16462330	16694879	1.33	cps
Holmium	165-2	11840792	11905987	11743037	11829939	0.69	cps
Indium	115-1	13521024	13445245	13274865	13413711	0.94	cps
Indium	115-2	4945154	4871562	4868395	4895037	0.89	cps
Iron	56-2	70683764	70063037	70374006	70373602	0.44	cps
Iron	57-2	1803853	1771638	1768962	1781485	1.09	cps
Iron	54-2	3855887	3863068	3799918	3839624	0.90	cps
Krypton	83-1	237	213	233	228	5.54	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:19:33	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1189719	1186061	1204715	1193499	0.83	cps
Lead	207-1	1019642	1024213	1022383	1022080	0.23	cps
Lead	208-1	4833584	4845756	4867239	4848860	0.35	cps
Lithium	6-1	2053852	2004525	2029328	2029235	1.22	cps
Magnesium	24-2	2116721	2092126	2056887	2088578	1.44	cps
Manganese	55-2	443085	441267	438460	440937	0.53	cps
Molybdenum	94-1	29777	28952	29403	29377	1.41	cps
Molybdenum	95-1	20448	19516	19283	19749	3.12	cps
Molybdenum	96-1	25529	24741	25529	25266	1.80	cps
Molybdenum	97-1	12849	12339	12002	12396	3.44	cps
Molybdenum	98-1	31988	32610	31748	32115	1.38	cps
Neodymium	150-1	33286	32785	32918	32996	0.79	cps
Neodymium	150-2	19944	20111	19434	19830	1.78	cps
Nickel	60-2	34964	35432	35208	35201	0.66	cps
Phosphorus	31-2	9783	10417	10080	10093	3.14	cps
Potassium	39-2	957436	950739	949821	952665	0.44	cps
Rhodium	103-1	12456055	12194687	12146281	12265674	1.36	cps
Rhodium	103-2	7283666	7326441	7320458	7310188	0.32	cps
Scandium	45-1	7126820	7012283	6895434	7011512	1.65	cps
Scandium	45-2	601205	598866	590702	596924	0.92	cps
Selenium	82-1	342	360	333	345	4.04	cps
Selenium	77-2	77	60	73	70	12.60	cps
Selenium	78-2	460	463	387	437	9.92	cps
Silicon	28-1	7484745	6436783	8431357	7450961	13.39	cps
Silver	107-1	45825	45026	44722	45191	1.26	cps
Silver	109-1	45324	43228	42592	43715	3.27	cps
Sodium	23-2	9056828	8941297	9024973	9007699	0.66	cps
Strontium	86-1	902087	893273	876932	890764	1.43	cps
Strontium	88-1	7932193	7987467	7887605	7935755	0.63	cps
Sulfur	34-1	515656	509103	504593	509784	1.09	cps
Terbium	159-1	17152432	17192747	17083051	17142743	0.32	cps
Terbium	159-2	11768259	11593333	11494453	11618682	1.19	cps
Thallium	203-1	2860	3027	3110	2999	4.25	cps
Thallium	205-1	6942	7275	7399	7205	3.28	cps
Tin	118-1	112095	110264	111370	111243	0.83	cps
Titanium	47-1	599766	584978	579254	587999	1.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:19:33	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31350	31036	31909	31432	1.41	cps
Vanadium	51-2	117765	118692	118722	118393	0.46	cps
Yttrium	89-1	20829978	20380646	19936759	20382461	2.19	cps
Yttrium	89-2	5536697	5461040	5449090	5482276	0.87	cps
Zinc	66-2	209565	207653	206436	207885	0.76	cps
Zirconium	90-1	52117	47871	47707	49232	5.08	cps
Zirconium	91-1	10881	10988	10594	10821	1.88	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-01	Instrumnet Name :	P7
Client Sample ID :	ME2922	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:22:41	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4003052	3977968	3928521	3969847	0.96	cps
Antimony	121-1	9964	9750	9727	9813	1.33	cps
Arsenic	75-2	8352	7872	8422	8216	3.65	cps
Barium	135-1	447943	443922	443598	445154	0.54	cps
Barium	137-1	775599	774113	780416	776709	0.42	cps
Beryllium	9-1	1463	1553	1573	1530	3.83	cps
Bismuth	209-1	10260024	10112405	10128701	10167043	0.80	cps
Bismuth	209-2	8322614	8537353	8681060	8513676	2.12	cps
Bromine	81-1	19066	19216	19486	19256	1.11	cps
Bromine	81-2	1057	970	927	984	6.72	cps
Cadmium	108-1	150	177	177	168	9.18	cps
Cadmium	106-1	5201	5244	5274	5240	0.70	cps
Cadmium	111-1	2995	3034	2824	2951	3.78	cps
Calcium	43-1	1730307	1707681	1741064	1726351	0.99	cps
Calcium	44-1	27869273	27831817	27568800	27756630	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184429	183859	180175	182821	1.26	cps
Cobalt	59-2	131816	130414	129993	130741	0.73	cps
Copper	63-2	191951	191903	189702	191185	0.67	cps
Dysprosium	156-1	53304	53046	53063	53138	0.27	cps
Dysprosium	156-2	43347	43948	42384	43226	1.83	cps
Erbium	164-1	43906	43945	45005	44285	1.41	cps
Erbium	164-2	31549	31666	31268	31494	0.65	cps
Gadolinium	160-1	51929	53461	52926	52772	1.47	cps
Gadolinium	160-2	39633	39429	39215	39425	0.53	cps
Holmium	165-1	17057191	17126294	16888445	17023977	0.72	cps
Holmium	165-2	11673209	11971850	12432221	12025760	3.18	cps
Indium	115-1	13520907	13248450	13281084	13350147	1.11	cps
Indium	115-2	4810289	4846502	5074248	4910346	2.91	cps
Iron	56-2	175218091	173169311	171125737	173171046	1.18	cps
Iron	57-2	4389296	4319526	4279919	4329580	1.28	cps
Iron	54-2	9505828	9390361	9285985	9394058	1.17	cps
Krypton	83-1	323	287	237	282	15.42	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-01	Instrumnet Name :	P7
Client Sample ID :	ME2922	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:22:41	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	612360	620388	617053	616600	0.65	cps
Lead	207-1	502456	499234	499846	500512	0.34	cps
Lead	208-1	2341739	2352697	2354661	2349699	0.30	cps
Lithium	6-1	1992118	2018014	2001236	2003789	0.66	cps
Magnesium	24-2	10529092	10542690	10361328	10477703	0.96	cps
Manganese	55-2	2899353	2855321	2828685	2861119	1.25	cps
Molybdenum	94-1	26467	27406	26374	26749	2.13	cps
Molybdenum	95-1	15325	15308	15168	15267	0.56	cps
Molybdenum	96-1	21633	21806	21249	21563	1.32	cps
Molybdenum	97-1	9680	9733	9533	9649	1.07	cps
Molybdenum	98-1	25158	24377	24958	24831	1.63	cps
Neodymium	150-1	81282	80515	81366	81054	0.58	cps
Neodymium	150-2	49209	49323	48958	49163	0.38	cps
Nickel	60-2	89092	88153	87691	88312	0.81	cps
Phosphorus	31-2	11665	11408	11508	11527	1.12	cps
Potassium	39-2	1444678	1419034	1458029	1440580	1.38	cps
Rhodium	103-1	12400279	12034255	12272920	12235818	1.52	cps
Rhodium	103-2	7071267	7177642	7503786	7250898	3.11	cps
Scandium	45-1	7161196	6976870	6929783	7022616	1.74	cps
Scandium	45-2	583338	597549	625923	602270	3.60	cps
Selenium	82-1	337	351	359	349	3.26	cps
Selenium	77-2	127	140	130	132	5.25	cps
Selenium	78-2	573	513	500	529	7.39	cps
Silicon	28-1	9715548	10517441	11556231	10596407	8.71	cps
Silver	107-1	3297	3024	3147	3156	4.34	cps
Silver	109-1	3107	3104	2910	3040	3.70	cps
Sodium	23-2	161037	162508	159699	161081	0.87	cps
Strontium	86-1	382389	381360	382516	382088	0.17	cps
Strontium	88-1	3449628	3413327	3398716	3420557	0.77	cps
Sulfur	34-1	215255	215227	214883	215122	0.10	cps
Terbium	159-1	17537962	17299062	17426915	17421313	0.69	cps
Terbium	159-2	11460335	11596394	12379507	11812079	4.20	cps
Thallium	203-1	4334	4377	4177	4296	2.45	cps
Thallium	205-1	9400	10007	9930	9779	3.38	cps
Tin	118-1	25402	26174	25563	25713	1.58	cps
Titanium	47-1	247724	257036	250407	251722	1.90	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-01	Instrumnet Name :	P7
Client Sample ID :	ME2922	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:22:41	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56543	56359	56580	56494	0.21	cps
Vanadium	51-2	188866	188909	186679	188151	0.68	cps
Yttrium	89-1	21161886	20855442	20718244	20911857	1.09	cps
Yttrium	89-2	5439342	5609159	5769816	5606105	2.95	cps
Zinc	66-2	155971	154755	153842	154856	0.69	cps
Zirconium	90-1	48035	49072	53768	50292	6.07	cps
Zirconium	91-1	10931	10657	10941	10843	1.48	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-02	Instrumnet Name :	P7
Client Sample ID :	ME2924	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:25:49	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4197626	4203754	4194739	4198706	0.11	cps
Antimony	121-1	8826	8513	8092	8477	4.34	cps
Arsenic	75-2	10487	10364	9940	10264	2.80	cps
Barium	135-1	483487	491790	488854	488044	0.86	cps
Barium	137-1	842881	852989	839627	845165	0.82	cps
Beryllium	9-1	1617	1440	1573	1543	5.97	cps
Bismuth	209-1	10390932	10159378	10208931	10253080	1.19	cps
Bismuth	209-2	8429401	8348026	8392585	8390004	0.49	cps
Bromine	81-1	17183	17163	17757	17368	1.94	cps
Bromine	81-2	730	820	823	791	6.69	cps
Cadmium	108-1	223	190	223	212	9.07	cps
Cadmium	106-1	5191	5328	5308	5275	1.40	cps
Cadmium	111-1	2820	2900	3002	2907	3.13	cps
Calcium	43-1	2250946	2249649	2183339	2227978	1.74	cps
Calcium	44-1	35346497	36071628	35358152	35592092	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208737	206966	206960	207554	0.49	cps
Cobalt	59-2	142344	142485	142330	142386	0.06	cps
Copper	63-2	202808	200642	200646	201365	0.62	cps
Dysprosium	156-1	57812	58505	58260	58192	0.60	cps
Dysprosium	156-2	47925	47483	48386	47931	0.94	cps
Erbium	164-1	49059	50250	50116	49808	1.31	cps
Erbium	164-2	35502	35405	35104	35337	0.59	cps
Gadolinium	160-1	57072	58076	59164	58104	1.80	cps
Gadolinium	160-2	43173	43447	43895	43505	0.84	cps
Holmium	165-1	17228319	16849709	16687121	16921716	1.64	cps
Holmium	165-2	11811701	11882177	11764082	11819320	0.50	cps
Indium	115-1	13733600	13305789	13059093	13366161	2.55	cps
Indium	115-2	4813018	4806628	4785286	4801644	0.30	cps
Iron	56-2	197101404	197098184	197090097	197096562	0.00	cps
Iron	57-2	4887743	4991294	4900056	4926364	1.15	cps
Iron	54-2	10797822	10651336	10714105	10721088	0.69	cps
Krypton	83-1	263	297	280	280	5.95	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-02	Instrumnet Name :	P7
Client Sample ID :	ME2924	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:25:49	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	436290	443390	447765	442482	1.31	cps
Lead	207-1	353256	361818	359980	358352	1.26	cps
Lead	208-1	1667274	1697228	1687299	1683934	0.91	cps
Lithium	6-1	2077423	2038756	2029510	2048563	1.24	cps
Magnesium	24-2	12563179	12363365	12452972	12459839	0.80	cps
Manganese	55-2	3653083	3654058	3645205	3650782	0.13	cps
Molybdenum	94-1	28775	29847	36624	31749	13.41	cps
Molybdenum	95-1	19420	19526	19506	19484	0.29	cps
Molybdenum	96-1	25893	25863	26785	26180	2.00	cps
Molybdenum	97-1	12586	12435	12355	12459	0.94	cps
Molybdenum	98-1	31858	31648	31086	31531	1.27	cps
Neodymium	150-1	89183	88623	88620	88808	0.37	cps
Neodymium	150-2	53675	53946	53317	53646	0.59	cps
Nickel	60-2	93888	94542	92553	93661	1.08	cps
Phosphorus	31-2	10437	10767	11031	10745	2.77	cps
Potassium	39-2	1347884	1306480	1316088	1323484	1.64	cps
Rhodium	103-1	12372348	11973989	11794836	12047058	2.45	cps
Rhodium	103-2	7107164	7190292	7039124	7112193	1.06	cps
Scandium	45-1	7102099	6878043	6753403	6911182	2.56	cps
Scandium	45-2	586835	584510	583164	584836	0.32	cps
Selenium	82-1	384	345	332	354	7.74	cps
Selenium	77-2	180	183	143	169	13.14	cps
Selenium	78-2	487	477	533	499	6.06	cps
Silicon	28-1	10269826	10450035	11803153	10841004	7.73	cps
Silver	107-1	2247	2407	2384	2346	3.69	cps
Silver	109-1	2274	2130	2157	2187	3.49	cps
Sodium	23-2	165730	164171	170075	166659	1.84	cps
Strontium	86-1	347511	350741	349057	349103	0.46	cps
Strontium	88-1	3086164	3117516	3145816	3116499	0.96	cps
Sulfur	34-1	232373	230804	231315	231497	0.35	cps
Terbium	159-1	17445110	17232028	17327622	17334920	0.62	cps
Terbium	159-2	11617968	11618626	11489627	11575407	0.64	cps
Thallium	203-1	4534	4311	4514	4453	2.78	cps
Thallium	205-1	10634	10814	10221	10556	2.88	cps
Tin	118-1	16913	16730	16767	16803	0.58	cps
Titanium	47-1	243362	246801	246477	245547	0.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-02	Instrumnet Name :	P7
Client Sample ID :	ME2924	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:25:49	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56303	55378	55934	55872	0.83	cps
Vanadium	51-2	203752	203552	204141	203815	0.15	cps
Yttrium	89-1	21127636	20638543	20543894	20770025	1.51	cps
Yttrium	89-2	5496089	5480504	5514070	5496888	0.31	cps
Zinc	66-2	131677	132242	129892	131270	0.93	cps
Zirconium	90-1	50938	49746	49045	49910	1.92	cps
Zirconium	91-1	10867	10681	10827	10792	0.91	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-03	Instrumnet Name :	P7
Client Sample ID :	ME2925	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:28:59	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6250812	6174701	6166952	6197488	0.75	cps
Antimony	121-1	7075	7352	7372	7266	2.28	cps
Arsenic	75-2	9943	9930	9980	9951	0.26	cps
Barium	135-1	755838	761535	759811	759061	0.38	cps
Barium	137-1	1305780	1321345	1316226	1314450	0.60	cps
Beryllium	9-1	2037	2280	2114	2144	5.80	cps
Bismuth	209-1	9987325	9982975	9944140	9971480	0.24	cps
Bismuth	209-2	8261823	8352105	8333021	8315650	0.57	cps
Bromine	81-1	15869	15552	16056	15825	1.61	cps
Bromine	81-2	607	567	540	571	5.88	cps
Cadmium	108-1	387	413	400	400	3.33	cps
Cadmium	106-1	5711	5534	5578	5608	1.64	cps
Cadmium	111-1	3784	3752	3774	3770	0.44	cps
Calcium	43-1	2781567	2749067	2747757	2759464	0.69	cps
Calcium	44-1	44283333	44028689	43931286	44081103	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219440	217762	217376	218193	0.50	cps
Cobalt	59-2	213510	210829	210931	211757	0.72	cps
Copper	63-2	280962	283913	280927	281934	0.61	cps
Dysprosium	156-1	76762	76765	75568	76365	0.90	cps
Dysprosium	156-2	61906	62702	61745	62118	0.83	cps
Erbium	164-1	65395	65908	65302	65535	0.50	cps
Erbium	164-2	46102	46480	47249	46611	1.25	cps
Gadolinium	160-1	77536	78002	78103	77880	0.39	cps
Gadolinium	160-2	58602	57270	57775	57882	1.16	cps
Holmium	165-1	16850834	16692154	16495366	16679451	1.07	cps
Holmium	165-2	11762195	11825903	11856156	11814751	0.41	cps
Indium	115-1	13108688	12957180	12946499	13004122	0.70	cps
Indium	115-2	4785576	4780408	4739831	4768605	0.53	cps
Iron	56-2	239505143	238479036	241404816	239796332	0.62	cps
Iron	57-2	5950696	5980199	5954484	5961793	0.27	cps
Iron	54-2	12998671	13061379	13014158	13024736	0.25	cps
Krypton	83-1	283	350	333	322	10.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-03	Instrumnet Name :	P7
Client Sample ID :	ME2925	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:28:59	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	503263	509285	506966	506505	0.60	cps
Lead	207-1	411637	412783	412494	412305	0.14	cps
Lead	208-1	1919278	1941639	1943835	1934918	0.70	cps
Lithium	6-1	2018657	2035081	1993104	2015614	1.05	cps
Magnesium	24-2	13109647	13121177	13244931	13158585	0.57	cps
Manganese	55-2	4145514	4114112	4084582	4114736	0.74	cps
Molybdenum	94-1	96566	99354	96136	97352	1.79	cps
Molybdenum	95-1	26046	26026	25996	26023	0.10	cps
Molybdenum	96-1	44604	45066	44534	44735	0.65	cps
Molybdenum	97-1	16036	16489	16369	16298	1.44	cps
Molybdenum	98-1	42060	42177	42488	42242	0.52	cps
Neodymium	150-1	114715	114987	114318	114673	0.29	cps
Neodymium	150-2	70270	69513	69165	69650	0.81	cps
Nickel	60-2	143505	141361	143815	142894	0.93	cps
Phosphorus	31-2	11728	11271	11298	11432	2.24	cps
Potassium	39-2	1819234	1779444	1795291	1797990	1.11	cps
Rhodium	103-1	11875070	11780660	11603368	11753032	1.17	cps
Rhodium	103-2	6973699	7032457	6971225	6992460	0.50	cps
Scandium	45-1	6964089	6861086	6747194	6857456	1.58	cps
Scandium	45-2	579771	581215	582154	581047	0.21	cps
Selenium	82-1	340	242	221	268	23.78	cps
Selenium	77-2	197	227	177	200	12.58	cps
Selenium	78-2	507	577	487	523	9.03	cps
Silicon	28-1	10117788	10182022	10105056	10134955	0.41	cps
Silver	107-1	2334	2467	2324	2375	3.37	cps
Silver	109-1	1947	1950	2177	2025	6.51	cps
Sodium	23-2	211133	215061	209858	212017	1.28	cps
Strontium	86-1	489178	490269	487253	488900	0.31	cps
Strontium	88-1	4420330	4386948	4360443	4389240	0.68	cps
Sulfur	34-1	241113	242677	243243	242344	0.46	cps
Terbium	159-1	16895770	16927390	16866403	16896521	0.18	cps
Terbium	159-2	11464316	11607340	11537546	11536401	0.62	cps
Thallium	203-1	4217	4477	4434	4376	3.18	cps
Thallium	205-1	10211	10034	10491	10245	2.25	cps
Tin	118-1	16750	16987	17294	17010	1.60	cps
Titanium	47-1	327538	328887	322643	326356	1.01	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-03	Instrumnet Name :	P7
Client Sample ID :	ME2925	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:28:59	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76493	76881	77706	77026	0.80	cps
Vanadium	51-2	224325	225235	222989	224183	0.50	cps
Yttrium	89-1	20560653	20226054	20285687	20357465	0.88	cps
Yttrium	89-2	5509538	5492845	5482737	5495040	0.25	cps
Zinc	66-2	204702	200962	200827	202164	1.09	cps
Zirconium	90-1	224434	225944	226954	225777	0.56	cps
Zirconium	91-1	50216	50062	50303	50193	0.24	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:32:11	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2807800	2835989	2821745	2821845	0.50	cps
Antimony	121-1	3177599	3334694	3360451	3290915	3.01	cps
Arsenic	75-2	332467	331193	334527	332729	0.51	cps
Barium	135-1	271342	288208	288981	282844	3.52	cps
Barium	137-1	473277	496473	506141	491964	3.43	cps
Beryllium	9-1	513	487	520	507	3.48	cps
Bismuth	209-1	11053190	10348350	10460007	10620516	3.57	cps
Bismuth	209-2	8506093	8567884	8524075	8532684	0.37	cps
Bromine	81-1	26895	29710	30585	29063	6.64	cps
Bromine	81-2	3297	3310	3340	3316	0.67	cps
Cadmium	108-1	333	423	420	392	13.01	cps
Cadmium	106-1	5658	5551	5514	5574	1.34	cps
Cadmium	111-1	3994	4106	4088	4063	1.47	cps
Calcium	43-1	177921	189065	190665	185884	3.73	cps
Calcium	44-1	2820578	2981540	2976447	2926188	3.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166332	167801	166416	166850	0.49	cps
Cobalt	59-2	319610	320050	320124	319928	0.09	cps
Copper	63-2	1078970	1081119	1082218	1080769	0.15	cps
Dysprosium	156-1	27535	23006	23176	24572	10.45	cps
Dysprosium	156-2	19660	19507	19717	19628	0.55	cps
Erbium	164-1	22535	23093	23550	23059	2.20	cps
Erbium	164-2	17041	16724	16503	16756	1.61	cps
Gadolinium	160-1	23072	23757	25016	23948	4.12	cps
Gadolinium	160-2	19003	18609	18843	18818	1.05	cps
Holmium	165-1	18038592	17097852	16915915	17350787	3.47	cps
Holmium	165-2	11880671	11849332	11836445	11855483	0.19	cps
Indium	115-1	14565574	13763205	13711628	14013469	3.42	cps
Indium	115-2	5144326	5134707	5017832	5098955	1.38	cps
Iron	56-2	182454437	184115644	183161751	183243944	0.45	cps
Iron	57-2	4524297	4569685	4511692	4535225	0.67	cps
Iron	54-2	9967177	9976715	10021746	9988546	0.29	cps
Krypton	83-1	283	240	267	263	8.30	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:32:11	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4342760	4538699	4639530	4506997	3.35	cps
Lead	207-1	3844267	4008015	3999410	3950564	2.33	cps
Lead	208-1	17260331	18038780	18298850	17865987	3.02	cps
Lithium	6-1	2124318	2066741	2016171	2069077	2.62	cps
Magnesium	24-2	3449707	3440819	3400752	3430426	0.76	cps
Manganese	55-2	5603618	5625704	5604005	5611109	0.23	cps
Molybdenum	94-1	47370	49771	50721	49287	3.50	cps
Molybdenum	95-1	49306	52380	53246	51644	4.01	cps
Molybdenum	96-1	58634	61294	62704	60877	3.40	cps
Molybdenum	97-1	30512	33021	34010	32514	5.55	cps
Molybdenum	98-1	79300	84690	85139	83043	3.91	cps
Neodymium	150-1	31783	34465	33493	33247	4.09	cps
Neodymium	150-2	21186	21847	21256	21430	1.69	cps
Nickel	60-2	94968	97028	96521	96172	1.12	cps
Phosphorus	31-2	13960	14080	13987	14009	0.45	cps
Potassium	39-2	1334007	1308177	1318531	1320238	0.98	cps
Rhodium	103-1	13163786	12485110	12352785	12667227	3.43	cps
Rhodium	103-2	7457853	7476661	7428904	7454473	0.32	cps
Scandium	45-1	7455714	6974488	7056708	7162303	3.59	cps
Scandium	45-2	618150	626051	618720	620973	0.71	cps
Selenium	82-1	217	229	245	230	6.08	cps
Selenium	77-2	77	80	37	64	37.42	cps
Selenium	78-2	557	513	567	546	5.20	cps
Silicon	28-1	9756704	10823784	10688851	10423113	5.57	cps
Silver	107-1	9653	10234	10437	10108	4.02	cps
Silver	109-1	8976	9817	9456	9416	4.48	cps
Sodium	23-2	5349848	5330898	5381716	5354154	0.48	cps
Strontium	86-1	215046	229139	231074	225086	3.89	cps
Strontium	88-1	1938875	2085485	2090618	2038326	4.23	cps
Sulfur	34-1	237339	240415	239664	239139	0.67	cps
Terbium	159-1	18441736	17459568	17231258	17710854	3.63	cps
Terbium	159-2	11894197	11850559	11784952	11843236	0.46	cps
Thallium	203-1	3821	3997	4124	3981	3.83	cps
Thallium	205-1	9333	9960	9810	9701	3.38	cps
Tin	118-1	421971	448145	449605	439907	3.53	cps
Titanium	47-1	431019	457773	468343	452378	4.25	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-01	Instrumnet Name :	P7
Client Sample ID :	MJNKA0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:32:11	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25127	26994	26994	26372	4.09	cps
Vanadium	51-2	172614	175046	174108	173923	0.70	cps
Yttrium	89-1	21704581	20815991	20501134	21007235	2.97	cps
Yttrium	89-2	5616675	5645969	5640785	5634477	0.28	cps
Zinc	66-2	1668676	1691842	1723509	1694676	1.62	cps
Zirconium	90-1	54274	58353	57351	56659	3.75	cps
Zirconium	91-1	12639	13276	13383	13099	3.07	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:35:18	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5549743	5526770	5500378	5525630	0.45	cps
Antimony	121-1	18394443	18457999	18613200	18488548	0.61	cps
Arsenic	75-2	2109054	2060788	2090179	2086674	1.17	cps
Barium	135-1	980156	994576	990775	988502	0.76	cps
Barium	137-1	1775760	1786156	1791387	1784434	0.45	cps
Beryllium	9-1	1110	1063	927	1033	9.22	cps
Bismuth	209-1	10225248	10114882	10221002	10187044	0.61	cps
Bismuth	209-2	8652838	8698625	8708032	8686498	0.34	cps
Bromine	81-1	45858	46871	48613	47114	2.96	cps
Bromine	81-2	6922	6752	6535	6736	2.88	cps
Cadmium	108-1	1893	1950	1967	1937	1.99	cps
Cadmium	106-1	8012	7959	7569	7847	3.09	cps
Cadmium	111-1	16385	16130	16736	16417	1.85	cps
Calcium	43-1	638654	644707	643705	642356	0.51	cps
Calcium	44-1	9953383	10072632	9878427	9968147	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	282123	281081	278959	280721	0.57	cps
Cobalt	59-2	1108186	1099037	1103353	1103525	0.41	cps
Copper	63-2	6451515	6374518	6481850	6435961	0.86	cps
Dysprosium	156-1	37132	36307	36822	36754	1.13	cps
Dysprosium	156-2	31479	30777	31459	31238	1.28	cps
Erbium	164-1	36905	37330	37838	37358	1.25	cps
Erbium	164-2	27103	26619	26375	26699	1.39	cps
Gadolinium	160-1	36561	37059	37176	36932	0.88	cps
Gadolinium	160-2	28446	28112	28406	28321	0.64	cps
Holmium	165-1	16865379	16544682	16730871	16713644	0.96	cps
Holmium	165-2	12065525	12203236	12003056	12090606	0.85	cps
Indium	115-1	14938737	14885381	15066265	14963461	0.62	cps
Indium	115-2	5645950	5643612	5627898	5639153	0.17	cps
Iron	56-2	518968286	515643286	516839646	517150406	0.33	cps
Iron	57-2	12859429	12791776	12676695	12775967	0.72	cps
Iron	54-2	28223860	28062872	28173167	28153300	0.29	cps
Krypton	83-1	220	280	260	253	12.06	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:35:18	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23822838	23813585	24110794	23915739	0.71	cps
Lead	207-1	20682141	20800032	21051531	20844568	0.91	cps
Lead	208-1	94874457	94645297	95778794	95099516	0.63	cps
Lithium	6-1	1999457	2005297	1985326	1996693	0.51	cps
Magnesium	24-2	5091297	5025920	5030019	5049079	0.73	cps
Manganese	55-2	5716987	5666578	5727171	5703579	0.57	cps
Molybdenum	94-1	210527	212344	212434	211768	0.51	cps
Molybdenum	95-1	259129	263683	262126	261646	0.88	cps
Molybdenum	96-1	295237	297414	296924	296525	0.39	cps
Molybdenum	97-1	162630	164076	163385	163364	0.44	cps
Molybdenum	98-1	417174	422337	423489	421000	0.80	cps
Neodymium	150-1	53825	54414	53749	53996	0.67	cps
Neodymium	150-2	33353	32233	33433	33006	2.03	cps
Nickel	60-2	149637	149796	150833	150089	0.43	cps
Phosphorus	31-2	17570	17116	17173	17287	1.43	cps
Potassium	39-2	3033775	2996631	2961161	2997189	1.21	cps
Rhodium	103-1	12295150	12245234	12259253	12266546	0.21	cps
Rhodium	103-2	7519348	7453607	7422272	7465076	0.66	cps
Scandium	45-1	7145192	7200407	7163256	7169618	0.39	cps
Scandium	45-2	636761	635164	631912	634613	0.39	cps
Selenium	82-1	726	611	706	681	9.06	cps
Selenium	77-2	110	147	170	142	21.27	cps
Selenium	78-2	723	647	697	689	5.65	cps
Silicon	28-1	33225824	33095983	33416322	33246043	0.48	cps
Silver	107-1	63428	64767	64870	64355	1.25	cps
Silver	109-1	60813	62480	62353	61882	1.50	cps
Sodium	23-2	10840636	10681845	10790172	10770885	0.75	cps
Strontium	86-1	542430	551338	544986	546251	0.84	cps
Strontium	88-1	4882582	4854651	4903165	4880133	0.50	cps
Sulfur	34-1	314236	312154	314433	313608	0.40	cps
Terbium	159-1	17051919	17066716	17133317	17083984	0.25	cps
Terbium	159-2	12018594	11903172	11730142	11883969	1.22	cps
Thallium	203-1	14561	14838	14718	14706	0.94	cps
Thallium	205-1	34922	35533	35089	35181	0.90	cps
Tin	118-1	3492901	3501099	3499492	3497831	0.12	cps
Titanium	47-1	935530	944588	948544	942888	0.71	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:35:18	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	127163	127687	127361	127403	0.21	cps
Vanadium	51-2	291019	289504	287083	289202	0.69	cps
Yttrium	89-1	20587453	20670528	21116502	20791494	1.37	cps
Yttrium	89-2	5783526	5746178	5718302	5749335	0.57	cps
Zinc	66-2	9324895	9189723	9258470	9257696	0.73	cps
Zirconium	90-1	168727	169556	172146	170143	1.05	cps
Zirconium	91-1	40038	41207	41626	40957	2.01	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-08	Instrumnet Name :	P7
Client Sample ID :	MJNKA6S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:38:19	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500850	2463319	2500156	2488108	0.86	cps
Antimony	121-1	1692043	1707749	1718357	1706050	0.78	cps
Arsenic	75-2	280063	279847	277632	279181	0.48	cps
Barium	135-1	1670365	1697908	1667713	1678662	1.00	cps
Barium	137-1	2878538	2905088	2919994	2901207	0.72	cps
Beryllium	9-1	15324	15084	15641	15350	1.82	cps
Bismuth	209-1	10221793	10192906	10097649	10170783	0.64	cps
Bismuth	209-2	8274726	8034847	8193455	8167676	1.49	cps
Bromine	81-1	52041	53814	55734	53863	3.43	cps
Bromine	81-2	8426	8372	8296	8365	0.78	cps
Cadmium	108-1	22531	22661	22431	22541	0.51	cps
Cadmium	106-1	35453	35704	36108	35755	0.92	cps
Cadmium	111-1	330013	327628	330308	329316	0.45	cps
Calcium	43-1	913184	914924	917027	915045	0.21	cps
Calcium	44-1	14432906	14400419	14348008	14393778	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	337659	337057	333194	335970	0.72	cps
Cobalt	59-2	1043851	1039059	1036751	1039887	0.35	cps
Copper	63-2	3075772	3067931	3033292	3058998	0.74	cps
Dysprosium	156-1	26074	26044	26054	26057	0.06	cps
Dysprosium	156-2	21734	21383	22041	21719	1.52	cps
Erbium	164-1	23313	22886	22488	22896	1.80	cps
Erbium	164-2	16486	16263	16203	16317	0.92	cps
Gadolinium	160-1	25346	25800	25644	25597	0.90	cps
Gadolinium	160-2	19931	20061	19634	19875	1.10	cps
Holmium	165-1	16377595	16172363	16686587	16412182	1.58	cps
Holmium	165-2	11602237	11250029	11572423	11474896	1.70	cps
Indium	115-1	13303175	13370054	13346314	13339847	0.25	cps
Indium	115-2	4938357	4758352	4885677	4860795	1.90	cps
Iron	56-2	146417764	147053928	145595081	146355591	0.50	cps
Iron	57-2	3595562	3638482	3612445	3615496	0.60	cps
Iron	54-2	7918975	7979614	7906500	7935030	0.49	cps
Krypton	83-1	280	267	280	276	2.79	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-08	Instrumnet Name :	P7
Client Sample ID :	MJNKA6S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:38:19	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5536483	5561675	5544484	5547547	0.23	cps
Lead	207-1	4759470	4797206	4674867	4743848	1.32	cps
Lead	208-1	21841052	21898320	21569869	21769747	0.81	cps
Lithium	6-1	1977997	1977847	1986129	1980658	0.24	cps
Magnesium	24-2	2464051	2444479	2416410	2441646	0.98	cps
Manganese	55-2	1544560	1543983	1523803	1537448	0.77	cps
Molybdenum	94-1	57650	57081	56840	57190	0.73	cps
Molybdenum	95-1	55317	56455	55187	55653	1.25	cps
Molybdenum	96-1	65221	65610	66426	65752	0.94	cps
Molybdenum	97-1	34564	34681	34795	34680	0.33	cps
Molybdenum	98-1	89415	90303	91299	90339	1.04	cps
Neodymium	150-1	41882	41812	43333	42342	2.03	cps
Neodymium	150-2	26051	26131	25009	25730	2.43	cps
Nickel	60-2	242134	242232	241531	241966	0.16	cps
Phosphorus	31-2	11761	11991	12188	11980	1.78	cps
Potassium	39-2	1302077	1294676	1290348	1295700	0.46	cps
Rhodium	103-1	12167001	12147544	12156772	12157106	0.08	cps
Rhodium	103-2	7252945	6987243	7091812	7110667	1.88	cps
Scandium	45-1	7039905	6974403	6998465	7004258	0.47	cps
Scandium	45-2	603891	576073	588933	589632	2.36	cps
Selenium	82-1	45768	45253	45782	45601	0.66	cps
Selenium	77-2	5044	4908	4961	4971	1.39	cps
Selenium	78-2	16633	16730	16976	16780	1.06	cps
Silicon	28-1	17699950	9814192	10969143	12827761	33.20	cps
Silver	107-1	183852	184135	183450	183812	0.19	cps
Silver	109-1	174983	175984	175454	175474	0.29	cps
Sodium	23-2	8668929	8639076	8586438	8631481	0.48	cps
Strontium	86-1	847262	849923	851184	849456	0.24	cps
Strontium	88-1	7516139	7620564	7626586	7587763	0.82	cps
Sulfur	34-1	342584	343433	346207	344075	0.55	cps
Terbium	159-1	16838875	16887470	17024392	16916913	0.57	cps
Terbium	159-2	11468729	11028389	11305275	11267464	1.98	cps
Thallium	203-1	2330614	2347275	2365973	2347954	0.75	cps
Thallium	205-1	5420891	5586540	5605588	5537673	1.83	cps
Tin	118-1	395099	395853	397217	396056	0.27	cps
Titanium	47-1	778313	786099	783392	782601	0.51	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-08	Instrumnet Name :	P7
Client Sample ID :	MJNKA6S	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:38:19	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53768	53886	54066	53907	0.28	cps
Vanadium	51-2	596951	597507	599085	597848	0.19	cps
Yttrium	89-1	20359143	20300131	20304679	20321318	0.16	cps
Yttrium	89-2	5455285	5242739	5422501	5373509	2.13	cps
Zinc	66-2	1758092	1771759	1774825	1768225	0.50	cps
Zirconium	90-1	67976	68821	67340	68046	1.09	cps
Zirconium	91-1	15255	15632	15412	15433	1.23	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:41:20	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4418700	4349875	4419654	4396076	0.91	cps
Antimony	121-1	9429166	9364062	9387452	9393560	0.35	cps
Arsenic	75-2	1243586	1237322	1240494	1240467	0.25	cps
Barium	135-1	1071977	1080091	1079486	1077185	0.42	cps
Barium	137-1	1939922	1928292	1919227	1929147	0.54	cps
Beryllium	9-1	933	1050	1053	1012	6.75	cps
Bismuth	209-1	10434720	10220315	10060437	10238491	1.83	cps
Bismuth	209-2	8506322	8627032	8587489	8573614	0.72	cps
Bromine	81-1	48840	50315	52021	50392	3.16	cps
Bromine	81-2	7575	7732	7585	7631	1.15	cps
Cadmium	108-1	1427	1450	1353	1410	3.58	cps
Cadmium	106-1	7662	7399	7078	7380	3.96	cps
Cadmium	111-1	9722	9755	9730	9735	0.18	cps
Calcium	43-1	1452737	1474283	1461431	1462817	0.74	cps
Calcium	44-1	23471960	23550509	23338379	23453616	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207497	207980	205854	207110	0.54	cps
Cobalt	59-2	1283197	1269861	1283782	1278947	0.62	cps
Copper	63-2	5525725	5494780	5468243	5496250	0.52	cps
Dysprosium	156-1	35378	36267	35759	35801	1.25	cps
Dysprosium	156-2	30169	29999	29888	30019	0.47	cps
Erbium	164-1	35468	35425	35064	35319	0.63	cps
Erbium	164-2	25173	25106	25206	25162	0.20	cps
Gadolinium	160-1	36016	35726	36170	35971	0.63	cps
Gadolinium	160-2	27050	26993	27410	27151	0.83	cps
Holmium	165-1	16979376	16492412	16693736	16721841	1.46	cps
Holmium	165-2	11955227	11860636	12004428	11940097	0.61	cps
Indium	115-1	14735705	14678981	14402245	14605644	1.22	cps
Indium	115-2	5472863	5356572	5453515	5427650	1.15	cps
Iron	56-2	511720366	508104072	506428739	508751059	0.53	cps
Iron	57-2	12552121	12570031	12587711	12569955	0.14	cps
Iron	54-2	27826401	27713597	27694855	27744951	0.26	cps
Krypton	83-1	283	257	270	270	4.94	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:41:20	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16749615	16800208	16478266	16676030	1.04	cps
Lead	207-1	14594446	14479810	14448139	14507465	0.53	cps
Lead	208-1	66623762	66225977	65705879	66185206	0.70	cps
Lithium	6-1	2008575	1995022	1985293	1996297	0.59	cps
Magnesium	24-2	4286053	4301851	4282344	4290082	0.24	cps
Manganese	55-2	3437844	3442982	3432690	3437839	0.15	cps
Molybdenum	94-1	190056	191545	190151	190584	0.44	cps
Molybdenum	95-1	149814	151962	150224	150667	0.76	cps
Molybdenum	96-1	185062	187424	185547	186011	0.67	cps
Molybdenum	97-1	93423	93892	95667	94327	1.25	cps
Molybdenum	98-1	242392	245625	246344	244787	0.86	cps
Neodymium	150-1	54642	55137	54448	54742	0.65	cps
Neodymium	150-2	32882	33610	33887	33460	1.55	cps
Nickel	60-2	85083	85300	85203	85195	0.13	cps
Phosphorus	31-2	25418	24977	25201	25199	0.87	cps
Potassium	39-2	2819375	2794257	2811223	2808285	0.46	cps
Rhodium	103-1	12535235	12166246	12437633	12379705	1.54	cps
Rhodium	103-2	7533823	7391042	7567404	7497423	1.25	cps
Scandium	45-1	7372429	7190107	7236003	7266179	1.31	cps
Scandium	45-2	643613	644228	640041	642627	0.35	cps
Selenium	82-1	553	591	544	563	4.41	cps
Selenium	77-2	163	133	147	148	10.17	cps
Selenium	78-2	553	633	547	578	8.35	cps
Silicon	28-1	18636176	18135572	18580128	18450625	1.49	cps
Silver	107-1	44475	44856	45040	44790	0.64	cps
Silver	109-1	42372	42021	40921	41771	1.81	cps
Sodium	23-2	9486559	9388733	9429026	9434773	0.52	cps
Strontium	86-1	1706486	1702670	1662265	1690473	1.45	cps
Strontium	88-1	14734371	14745996	14706558	14728975	0.14	cps
Sulfur	34-1	294373	295158	294665	294732	0.13	cps
Terbium	159-1	17543276	16891770	17257246	17230764	1.90	cps
Terbium	159-2	11839800	11832552	11904505	11858952	0.33	cps
Thallium	203-1	9233	8970	8636	8946	3.34	cps
Thallium	205-1	22338	21687	21120	21715	2.81	cps
Tin	118-1	2239840	2254803	2204384	2233009	1.16	cps
Titanium	47-1	1014946	1023550	1018503	1018999	0.42	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:41:20	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79729	80137	79684	79850	0.31	cps
Vanadium	51-2	256989	254653	254993	255545	0.49	cps
Yttrium	89-1	21232475	20800667	20962514	20998552	1.04	cps
Yttrium	89-2	5901780	5794872	5792899	5829850	1.07	cps
Zinc	66-2	7547394	7469581	7550130	7522369	0.61	cps
Zirconium	90-1	281844	283103	282547	282498	0.22	cps
Zirconium	91-1	62907	64327	64966	64067	1.64	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:44:18	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5483015	5492221	5365015	5446751	1.30	cps
Antimony	121-1	14064883	13923581	14049309	14012591	0.55	cps
Arsenic	75-2	2018709	2058262	1996296	2024422	1.55	cps
Barium	135-1	705678	714910	714011	711533	0.72	cps
Barium	137-1	1233900	1242766	1233047	1236571	0.44	cps
Beryllium	9-1	1093	1090	1200	1128	5.55	cps
Bismuth	209-1	10163394	10187349	10231783	10194175	0.34	cps
Bismuth	209-2	8805286	8662287	8706888	8724820	0.84	cps
Bromine	81-1	44764	46961	46433	46053	2.49	cps
Bromine	81-2	6898	6401	6418	6573	4.29	cps
Cadmium	108-1	1507	1543	1607	1552	3.26	cps
Cadmium	106-1	7459	7235	7185	7293	2.00	cps
Cadmium	111-1	13260	13139	13999	13466	3.46	cps
Calcium	43-1	564566	566380	575700	568882	1.05	cps
Calcium	44-1	8810633	8772190	8945457	8842760	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	293261	292238	292578	292692	0.18	cps
Cobalt	59-2	1660802	1643645	1649433	1651293	0.53	cps
Copper	63-2	7026298	6926057	6991641	6981332	0.73	cps
Dysprosium	156-1	38382	38295	38406	38361	0.15	cps
Dysprosium	156-2	32013	32621	32210	32282	0.96	cps
Erbium	164-1	39045	40682	39964	39897	2.06	cps
Erbium	164-2	29641	28776	29464	29294	1.56	cps
Gadolinium	160-1	39288	39345	39826	39487	0.75	cps
Gadolinium	160-2	29618	30376	29965	29987	1.27	cps
Holmium	165-1	16812308	16818808	16695089	16775402	0.42	cps
Holmium	165-2	12231888	12037598	12021642	12097043	0.97	cps
Indium	115-1	15122537	15162282	15140353	15141724	0.13	cps
Indium	115-2	5642875	5605062	5622367	5623435	0.34	cps
Iron	56-2	493453059	493052113	488002086	491502419	0.62	cps
Iron	57-2	12254902	12187003	12031486	12157797	0.94	cps
Iron	54-2	26660022	26592096	26658894	26637004	0.15	cps
Krypton	83-1	240	260	280	260	7.69	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:44:18	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20207266	20572197	20622498	20467320	1.11	cps
Lead	207-1	17736329	17897622	18022501	17885484	0.80	cps
Lead	208-1	80515458	81511748	82065875	81364360	0.97	cps
Lithium	6-1	2042774	2026692	2012089	2027185	0.76	cps
Magnesium	24-2	4872874	4847447	4827315	4849212	0.47	cps
Manganese	55-2	3677010	3679564	3632018	3662864	0.73	cps
Molybdenum	94-1	239165	238126	239504	238932	0.30	cps
Molybdenum	95-1	329293	330510	331378	330394	0.32	cps
Molybdenum	96-1	365156	373778	368544	369159	1.18	cps
Molybdenum	97-1	205886	205882	207025	206264	0.32	cps
Molybdenum	98-1	530947	532621	534277	532615	0.31	cps
Neodymium	150-1	57848	56928	57463	57413	0.81	cps
Neodymium	150-2	35588	34372	34569	34843	1.87	cps
Nickel	60-2	147621	145804	145485	146303	0.79	cps
Phosphorus	31-2	15805	15258	15595	15552	1.77	cps
Potassium	39-2	3256178	3237282	3237134	3243532	0.34	cps
Rhodium	103-1	12680561	12575326	12534376	12596754	0.60	cps
Rhodium	103-2	7572018	7444957	7548210	7521728	0.90	cps
Scandium	45-1	7332237	7328495	7409342	7356691	0.62	cps
Scandium	45-2	652186	645782	650657	649542	0.51	cps
Selenium	82-1	755	690	696	713	5.00	cps
Selenium	77-2	133	137	117	129	8.31	cps
Selenium	78-2	690	680	690	687	0.84	cps
Silicon	28-1	18018771	18541079	19268979	18609610	3.37	cps
Silver	107-1	53097	53000	53893	53330	0.92	cps
Silver	109-1	49805	50166	50675	50215	0.87	cps
Sodium	23-2	11413969	11450965	11307180	11390705	0.66	cps
Strontium	86-1	452416	460320	463717	458818	1.26	cps
Strontium	88-1	4103400	4145874	4113934	4121069	0.54	cps
Sulfur	34-1	310042	311000	311485	310842	0.24	cps
Terbium	159-1	17173613	17413752	16950110	17179158	1.35	cps
Terbium	159-2	11949307	11827238	11967501	11914682	0.64	cps
Thallium	203-1	17057	17909	17621	17529	2.47	cps
Thallium	205-1	41206	40948	41567	41240	0.75	cps
Tin	118-1	3928073	3966711	3980790	3958525	0.69	cps
Titanium	47-1	890802	894594	908727	898041	1.05	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:44:18	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	130261	128778	129508	129516	0.57	cps
Vanadium	51-2	287369	286984	284880	286411	0.47	cps
Yttrium	89-1	21403940	21384881	21235719	21341513	0.43	cps
Yttrium	89-2	5843599	5792084	5799420	5811701	0.48	cps
Zinc	66-2	6938631	6834272	6831880	6868261	0.89	cps
Zirconium	90-1	138011	138307	140475	138931	0.97	cps
Zirconium	91-1	32757	33445	34805	33669	3.10	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:47:17	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9315556	9264448	9399103	9326369	0.73	cps
Antimony	121-1	109100575	115032272	116426032	113519626	3.43	cps
Arsenic	75-2	10607141	10511507	10588014	10568887	0.48	cps
Barium	135-1	3436539	3618025	3708566	3587710	3.86	cps
Barium	137-1	5932629	6288931	6304593	6175384	3.41	cps
Beryllium	9-1	3034	3030	3170	3078	2.60	cps
Bismuth	209-1	12099181	11304683	11036916	11480260	4.81	cps
Bismuth	209-2	9397679	9348854	9292058	9346197	0.57	cps
Bromine	81-1	22247	24300	25048	23865	6.08	cps
Bromine	81-2	2117	2070	1980	2056	3.38	cps
Cadmium	108-1	9306	10024	10124	9818	4.54	cps
Cadmium	106-1	18392	19113	19523	19009	3.01	cps
Cadmium	111-1	83445	87954	88657	86686	3.26	cps
Calcium	43-1	1398391	1506817	1526609	1477272	4.67	cps
Calcium	44-1	22474516	23690223	24169528	23444756	3.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	525300	523534	525587	524807	0.21	cps
Cobalt	59-2	2923524	2874024	2916201	2904583	0.92	cps
Copper	63-2	37441215	37547515	37560390	37516374	0.17	cps
Dysprosium	156-1	32511	34539	34335	33795	3.30	cps
Dysprosium	156-2	29701	29835	30486	30008	1.40	cps
Erbium	164-1	34813	36681	36648	36048	2.97	cps
Erbium	164-2	27297	26699	27050	27015	1.11	cps
Gadolinium	160-1	31215	34018	34135	33123	4.99	cps
Gadolinium	160-2	26301	26575	25744	26207	1.62	cps
Holmium	165-1	18630803	17022916	16633306	17429008	6.08	cps
Holmium	165-2	12107711	11928786	11898190	11978229	0.94	cps
Indium	115-1	22551062	21507214	21527893	21862056	2.73	cps
Indium	115-2	8072975	8150208	8064394	8095859	0.58	cps
Iron	56-2	1589279923	1584888243	1581138910	1585102359	0.26	cps
Iron	57-2	39378971	39042509	39387249	39269576	0.50	cps
Iron	54-2	86294842	85933065	86121689	86116532	0.21	cps
Krypton	83-1	247	300	340	296	15.84	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:47:17	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	155633891	162307851	162821074	160254272	2.50	cps
Lead	207-1	135984731	140733185	142397825	139705247	2.38	cps
Lead	208-1	619394891	643962657	651432000	638263183	2.63	cps
Lithium	6-1	2208198	1972490	1957008	2045899	6.88	cps
Magnesium	24-2	4413021	4418733	4496095	4442616	1.04	cps
Manganese	55-2	9111124	8987262	9057388	9051925	0.69	cps
Molybdenum	94-1	827784	874894	895110	865929	3.99	cps
Molybdenum	95-1	1217581	1305331	1313768	1278893	4.16	cps
Molybdenum	96-1	1393083	1469021	1483178	1448427	3.34	cps
Molybdenum	97-1	760518	813429	824195	799381	4.26	cps
Molybdenum	98-1	1994598	2129616	2150767	2091660	4.05	cps
Neodymium	150-1	46945	50932	49958	49278	4.22	cps
Neodymium	150-2	31639	31502	30934	31358	1.19	cps
Nickel	60-2	489464	490370	491295	490376	0.19	cps
Phosphorus	31-2	10474	9787	10477	10246	3.88	cps
Potassium	39-2	7510352	7523538	7541705	7525198	0.21	cps
Rhodium	103-1	13769877	12427088	12291343	12829436	6.37	cps
Rhodium	103-2	7583510	7550087	7497751	7543783	0.57	cps
Scandium	45-1	8166196	7482131	7481038	7709788	5.13	cps
Scandium	45-2	675385	668931	673609	672642	0.50	cps
Selenium	82-1	2322	2475	2460	2419	3.49	cps
Selenium	77-2	313	333	347	331	5.07	cps
Selenium	78-2	1443	1407	1463	1438	2.00	cps
Silicon	28-1	72108517	77072301	78424671	75868496	4.38	cps
Silver	107-1	361750	386493	389083	379109	3.98	cps
Silver	109-1	345467	364437	371142	360349	3.70	cps
Sodium	23-2	12312478	12241807	12424651	12326312	0.75	cps
Strontium	86-1	895104	956197	967772	939691	4.16	cps
Strontium	88-1	8081826	8450356	8576269	8369484	3.07	cps
Sulfur	34-1	394588	409643	415760	406663	2.68	cps
Terbium	159-1	19127679	17378414	16964569	17823554	6.44	cps
Terbium	159-2	12047624	11841245	11886479	11925116	0.91	cps
Thallium	203-1	75260	79721	81197	78726	3.93	cps
Thallium	205-1	180861	190656	189789	187102	2.90	cps
Tin	118-1	21525125	22779860	23275711	22526899	4.01	cps
Titanium	47-1	1303351	1384163	1397819	1361778	3.75	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:47:17	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	291480	307393	310659	303177	3.38	cps
Vanadium	51-2	401432	400418	401854	401235	0.18	cps
Yttrium	89-1	23469451	21152969	21265291	21962570	5.95	cps
Yttrium	89-2	5921392	5955104	5962554	5946350	0.37	cps
Zinc	66-2	42725359	42698521	42793469	42739117	0.11	cps
Zirconium	90-1	354023	378893	387654	373523	4.67	cps
Zirconium	91-1	92295	97673	100226	96731	4.19	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:50:10	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9635675	9472517	9470747	9526313	0.99	cps
Antimony	121-1	51700721	52073534	52005298	51926518	0.38	cps
Arsenic	75-2	7304658	7266754	7189897	7253770	0.81	cps
Barium	135-1	2821623	2868551	2834686	2841620	0.85	cps
Barium	137-1	4869396	4863739	4861049	4864728	0.09	cps
Beryllium	9-1	2817	2867	2814	2833	1.05	cps
Bismuth	209-1	10811085	10593870	10423212	10609389	1.83	cps
Bismuth	209-2	8939919	8934945	8976278	8950381	0.25	cps
Bromine	81-1	32102	33414	33287	32935	2.20	cps
Bromine	81-2	3701	3841	3667	3736	2.46	cps
Cadmium	108-1	4507	4597	4491	4532	1.27	cps
Cadmium	106-1	11855	11545	11448	11616	1.83	cps
Cadmium	111-1	30519	29457	30100	30025	1.78	cps
Calcium	43-1	2289174	2276881	2280988	2282348	0.27	cps
Calcium	44-1	36379546	36219702	36427161	36342136	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	283335	281085	280605	281675	0.52	cps
Cobalt	59-2	8063966	8111409	8108579	8094651	0.33	cps
Copper	63-2	25620475	25718242	25580923	25639880	0.28	cps
Dysprosium	156-1	41501	41020	41454	41325	0.64	cps
Dysprosium	156-2	35612	35321	35672	35535	0.53	cps
Erbium	164-1	51203	51605	51705	51504	0.52	cps
Erbium	164-2	36899	36691	37514	37035	1.15	cps
Gadolinium	160-1	41986	41251	41434	41557	0.92	cps
Gadolinium	160-2	31840	31312	31372	31508	0.92	cps
Holmium	165-1	16934234	16450072	16830303	16738203	1.52	cps
Holmium	165-2	12078774	11987958	12070711	12045814	0.42	cps
Indium	115-1	21598252	21695188	21723729	21672390	0.30	cps
Indium	115-2	8000038	8046878	8055528	8034148	0.37	cps
Iron	56-2	1518428991	1528983444	1535996510	1527802982	0.58	cps
Iron	57-2	37974422	37929139	38051842	37985134	0.16	cps
Iron	54-2	83654980	83173502	83322355	83383613	0.30	cps
Krypton	83-1	367	357	273	332	15.42	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:50:10	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	64336359	65003307	64736661	64692109	0.52	cps
Lead	207-1	56768971	57348576	57246174	57121240	0.54	cps
Lead	208-1	259781101	260488058	259479536	259916232	0.20	cps
Lithium	6-1	1973658	1965644	1971440	1970247	0.21	cps
Magnesium	24-2	4636233	4634762	4600486	4623827	0.44	cps
Manganese	55-2	8987757	8882312	8952640	8940903	0.60	cps
Molybdenum	94-1	568048	568392	573421	569954	0.53	cps
Molybdenum	95-1	665975	672620	673525	670707	0.61	cps
Molybdenum	96-1	762126	766821	766831	765259	0.35	cps
Molybdenum	97-1	418965	417666	421675	419435	0.49	cps
Molybdenum	98-1	1078019	1079028	1087027	1081358	0.46	cps
Neodymium	150-1	60325	60285	61406	60672	1.05	cps
Neodymium	150-2	37814	37563	38098	37825	0.71	cps
Nickel	60-2	205505	204126	202095	203909	0.84	cps
Phosphorus	31-2	10267	10394	10237	10299	0.81	cps
Potassium	39-2	8445788	8503204	8522964	8490652	0.47	cps
Rhodium	103-1	12461933	12298185	12305186	12355101	0.75	cps
Rhodium	103-2	7414499	7361022	7391428	7388983	0.36	cps
Scandium	45-1	7466127	7403428	7436641	7435399	0.42	cps
Scandium	45-2	654861	651073	653350	653095	0.29	cps
Selenium	82-1	1645	1540	1671	1619	4.27	cps
Selenium	77-2	263	170	190	208	23.65	cps
Selenium	78-2	1080	1067	1060	1069	0.95	cps
Silicon	28-1	137110688	139706061	139715028	138843926	1.08	cps
Silver	107-1	191077	190816	190983	190959	0.07	cps
Silver	109-1	179115	182487	180728	180777	0.93	cps
Sodium	23-2	13193271	13298778	13167642	13219897	0.53	cps
Strontium	86-1	1203987	1203774	1210242	1206001	0.30	cps
Strontium	88-1	10792733	10820965	10934683	10849460	0.69	cps
Sulfur	34-1	452226	451962	454346	452845	0.29	cps
Terbium	159-1	17058810	16934169	16961789	16984923	0.39	cps
Terbium	159-2	11758345	11853150	11863703	11825066	0.49	cps
Thallium	203-1	37164	37508	38056	37576	1.20	cps
Thallium	205-1	87643	88404	89354	88467	0.97	cps
Tin	118-1	11842304	11730972	11826582	11799953	0.51	cps
Titanium	47-1	1703292	1715674	1729256	1716074	0.76	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:50:10	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	202323	203891	207894	204703	1.40	cps
Vanadium	51-2	377742	377845	375333	376973	0.38	cps
Yttrium	89-1	21336041	21436722	21328232	21366998	0.28	cps
Yttrium	89-2	5882756	5848033	5875143	5868644	0.31	cps
Zinc	66-2	24240745	24335401	24319385	24298510	0.21	cps
Zirconium	90-1	514702	516403	522651	517919	0.81	cps
Zirconium	91-1	123450	125195	127646	125430	1.68	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:53:07	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1599175	1623877	1587055	1603369	1.17	cps
Antimony	121-1	51947	46535	46107	48196	6.75	cps
Arsenic	75-2	7185	7032	7198	7138	1.30	cps
Barium	135-1	47669	49403	48880	48651	1.83	cps
Barium	137-1	82762	85294	84606	84221	1.55	cps
Beryllium	9-1	337	283	307	309	8.65	cps
Bismuth	209-1	10506355	9972548	9916002	10131635	3.22	cps
Bismuth	209-2	8362386	8461306	8363386	8395692	0.68	cps
Bromine	81-1	52734	56471	57464	55556	4.49	cps
Bromine	81-2	8846	9013	8816	8892	1.19	cps
Cadmium	108-1	90	110	80	93	16.37	cps
Cadmium	106-1	5174	4661	4591	4809	6.63	cps
Cadmium	111-1	1653	1683	1636	1657	1.43	cps
Calcium	43-1	206067	210127	208580	208258	0.98	cps
Calcium	44-1	3217619	3309406	3227777	3251601	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83003	82320	82527	82617	0.42	cps
Cobalt	59-2	47612	46886	46719	47072	1.01	cps
Copper	63-2	353956	354052	352226	353411	0.29	cps
Dysprosium	156-1	15165	15242	15152	15186	0.32	cps
Dysprosium	156-2	13093	12656	12636	12795	2.02	cps
Erbium	164-1	14261	14421	14131	14271	1.02	cps
Erbium	164-2	10304	10284	10251	10279	0.26	cps
Gadolinium	160-1	14991	15445	15065	15167	1.61	cps
Gadolinium	160-2	12306	12315	12506	12376	0.91	cps
Holmium	165-1	17572178	16658717	16665065	16965320	3.10	cps
Holmium	165-2	11897637	12063200	11819689	11926842	1.04	cps
Indium	115-1	14389696	13563830	13470290	13807939	3.66	cps
Indium	115-2	5069630	5034916	4998664	5034403	0.70	cps
Iron	56-2	48674506	48207766	48450669	48444314	0.48	cps
Iron	57-2	1207412	1205600	1201676	1204896	0.24	cps
Iron	54-2	2665774	2644567	2622326	2644222	0.82	cps
Krypton	83-1	247	233	263	248	6.07	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:53:07	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	368175	368828	365439	367481	0.49	cps
Lead	207-1	313379	311560	315165	313368	0.58	cps
Lead	208-1	1438309	1446407	1436229	1440315	0.37	cps
Lithium	6-1	2110187	2006239	1978319	2031582	3.42	cps
Magnesium	24-2	2152936	2135889	2141380	2143402	0.41	cps
Manganese	55-2	574545	574432	572214	573730	0.23	cps
Molybdenum	94-1	10457	10718	10657	10611	1.28	cps
Molybdenum	95-1	4674	4724	4414	4604	3.62	cps
Molybdenum	96-1	6795	6728	6872	6798	1.06	cps
Molybdenum	97-1	2814	2764	2684	2754	2.38	cps
Molybdenum	98-1	7499	7285	7569	7451	1.98	cps
Neodymium	150-1	22488	23042	23249	22926	1.72	cps
Neodymium	150-2	14094	14544	14478	14372	1.69	cps
Nickel	60-2	37627	37046	37537	37403	0.84	cps
Phosphorus	31-2	8809	9290	8949	9016	2.74	cps
Potassium	39-2	934485	927351	924355	928731	0.56	cps
Rhodium	103-1	13149240	12433650	12445686	12676192	3.23	cps
Rhodium	103-2	7574720	7446677	7434009	7485135	1.04	cps
Scandium	45-1	7584657	7232219	7200477	7339118	2.91	cps
Scandium	45-2	635536	632469	629944	632649	0.44	cps
Selenium	82-1	284	291	278	284	2.25	cps
Selenium	77-2	53	67	53	58	13.33	cps
Selenium	78-2	523	520	450	498	8.32	cps
Silicon	28-1	5664553	5564577	5325414	5518181	3.16	cps
Silver	107-1	5781	5034	4858	5224	9.38	cps
Silver	109-1	5468	4968	4654	5030	8.16	cps
Sodium	23-2	7878856	7792483	7796232	7822524	0.62	cps
Strontium	86-1	252711	256395	258576	255894	1.16	cps
Strontium	88-1	2295437	2318221	2304717	2306125	0.50	cps
Sulfur	34-1	273439	278085	277019	276181	0.88	cps
Terbium	159-1	17678733	16997034	17115967	17263911	2.11	cps
Terbium	159-2	11546202	11666807	11819990	11677666	1.18	cps
Thallium	203-1	2037	2107	2110	2085	1.99	cps
Thallium	205-1	5188	5228	5158	5191	0.68	cps
Tin	118-1	50481	49956	50652	50363	0.72	cps
Titanium	47-1	272406	279121	287578	279702	2.72	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC4	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:53:07	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30802	31494	31417	31238	1.21	cps
Vanadium	51-2	89101	90989	89859	89983	1.06	cps
Yttrium	89-1	21606686	20928671	20556577	21030645	2.53	cps
Yttrium	89-2	5744254	5674808	5603079	5674047	1.24	cps
Zinc	66-2	53900	52816	52325	53014	1.52	cps
Zirconium	90-1	21132	20591	28656	23460	19.22	cps
Zirconium	91-1	4671	4681	4854	4735	2.18	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:56:16	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2219271	2174005	2189815	2194364	1.05	cps
Antimony	121-1	68241	68010	67896	68049	0.26	cps
Arsenic	75-2	32278	32769	33044	32697	1.19	cps
Barium	135-1	59470	59621	59714	59602	0.21	cps
Barium	137-1	103396	103708	104685	103929	0.65	cps
Beryllium	9-1	320	303	390	338	13.61	cps
Bismuth	209-1	10125142	10119564	9980457	10075054	0.81	cps
Bismuth	209-2	8439953	8575147	8489215	8501438	0.80	cps
Bromine	81-1	34918	36415	36041	35791	2.18	cps
Bromine	81-2	4364	4177	4547	4363	4.24	cps
Cadmium	108-1	73	133	90	99	31.32	cps
Cadmium	106-1	4921	4714	4734	4790	2.38	cps
Cadmium	111-1	1733	1623	1712	1690	3.45	cps
Calcium	43-1	135428	135693	135014	135378	0.25	cps
Calcium	44-1	2119203	2113907	2120040	2117717	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85611	86603	86077	86097	0.58	cps
Cobalt	59-2	35706	35666	35078	35483	0.99	cps
Copper	63-2	3027647	2998531	3026845	3017674	0.55	cps
Dysprosium	156-1	27190	27350	26722	27087	1.20	cps
Dysprosium	156-2	22385	22047	22505	22312	1.06	cps
Erbium	164-1	22625	22835	22972	22811	0.77	cps
Erbium	164-2	16967	16770	16213	16650	2.35	cps
Gadolinium	160-1	26442	26809	26649	26633	0.69	cps
Gadolinium	160-2	20625	20402	20218	20415	1.00	cps
Holmium	165-1	16785810	16603720	16979719	16789750	1.12	cps
Holmium	165-2	11942816	11938871	11768161	11883283	0.84	cps
Indium	115-1	13579668	13584632	13437186	13533829	0.62	cps
Indium	115-2	5018300	5009678	4996655	5008211	0.22	cps
Iron	56-2	65621019	65152044	65398509	65390524	0.36	cps
Iron	57-2	1633463	1620984	1628781	1627743	0.39	cps
Iron	54-2	3640790	3552631	3558032	3583818	1.38	cps
Krypton	83-1	277	263	267	269	2.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:56:16	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1330708	1334079	1319275	1328021	0.58	cps
Lead	207-1	1142322	1156045	1135784	1144717	0.90	cps
Lead	208-1	5390158	5389822	5332539	5370840	0.62	cps
Lithium	6-1	1991947	2002104	2016021	2003357	0.60	cps
Magnesium	24-2	1737327	1728256	1735088	1733557	0.27	cps
Manganese	55-2	461844	457544	461686	460358	0.53	cps
Molybdenum	94-1	14841	15161	15098	15033	1.13	cps
Molybdenum	95-1	4981	5141	4714	4945	4.36	cps
Molybdenum	96-1	8366	8376	8079	8274	2.04	cps
Molybdenum	97-1	3134	3190	2990	3105	3.32	cps
Molybdenum	98-1	7699	8212	8096	8002	3.36	cps
Neodymium	150-1	44236	44292	44905	44478	0.83	cps
Neodymium	150-2	27313	26682	27965	27320	2.35	cps
Nickel	60-2	37604	37524	38212	37780	1.00	cps
Phosphorus	31-2	16409	16452	16119	16327	1.11	cps
Potassium	39-2	770089	763505	766688	766761	0.43	cps
Rhodium	103-1	12526288	12443317	12328766	12432790	0.80	cps
Rhodium	103-2	7474433	7468731	7430676	7457947	0.32	cps
Scandium	45-1	7166423	7235442	7233116	7211660	0.54	cps
Scandium	45-2	625831	623221	626707	625253	0.29	cps
Selenium	82-1	229	246	238	238	3.59	cps
Selenium	77-2	110	67	50	76	40.99	cps
Selenium	78-2	487	560	517	521	7.08	cps
Silicon	28-1	4678665	4470153	4406013	4518277	3.16	cps
Silver	107-1	4467	4464	4567	4500	1.31	cps
Silver	109-1	4011	4134	4127	4091	1.70	cps
Sodium	23-2	5159616	5075965	5185196	5140259	1.11	cps
Strontium	86-1	127036	127724	125210	126657	1.03	cps
Strontium	88-1	1103580	1106131	1106387	1105366	0.14	cps
Sulfur	34-1	206472	205360	202375	204736	1.03	cps
Terbium	159-1	16965545	17083990	17060538	17036691	0.37	cps
Terbium	159-2	11690203	11629159	11810320	11709894	0.79	cps
Thallium	203-1	1320	1293	1217	1277	4.20	cps
Thallium	205-1	3020	3130	3020	3057	2.08	cps
Tin	118-1	47097	47568	47401	47355	0.50	cps
Titanium	47-1	781875	779466	775840	779060	0.39	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:56:16	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43381	43431	43040	43284	0.49	cps
Vanadium	51-2	166602	166854	168313	167256	0.55	cps
Yttrium	89-1	20869363	20849100	20751908	20823457	0.30	cps
Yttrium	89-2	5701494	5669461	5659239	5676731	0.39	cps
Zinc	66-2	112294	111956	112093	112114	0.15	cps
Zirconium	90-1	33338	32940	35144	33807	3.47	cps
Zirconium	91-1	7592	7392	7352	7445	1.73	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:59:25	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3599033	3561488	3527321	3562614	1.01	cps
Antimony	121-1	587449	603549	609030	600009	1.87	cps
Arsenic	75-2	96346	95263	95877	95829	0.57	cps
Barium	135-1	446310	457444	463138	455631	1.88	cps
Barium	137-1	769597	798086	797667	788450	2.07	cps
Beryllium	9-1	507	550	507	521	4.80	cps
Bismuth	209-1	10789794	10033528	10252178	10358500	3.76	cps
Bismuth	209-2	8542202	8618291	8451441	8537311	0.98	cps
Bromine	81-1	65688	70581	72477	69582	5.03	cps
Bromine	81-2	11585	12062	11538	11728	2.47	cps
Cadmium	108-1	577	500	530	536	7.21	cps
Cadmium	106-1	6138	5494	5648	5760	5.84	cps
Cadmium	111-1	5701	5776	5858	5778	1.36	cps
Calcium	43-1	272330	281560	284504	279465	2.27	cps
Calcium	44-1	4267758	4352656	4434487	4351634	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194247	192724	191293	192755	0.77	cps
Cobalt	59-2	308881	307917	306527	307775	0.38	cps
Copper	63-2	5641299	5619885	5586518	5615900	0.49	cps
Dysprosium	156-1	30874	32387	33373	32211	3.91	cps
Dysprosium	156-2	27971	27621	27357	27649	1.11	cps
Erbium	164-1	28229	29154	29635	29006	2.46	cps
Erbium	164-2	21303	21086	21146	21178	0.53	cps
Gadolinium	160-1	31128	32040	32324	31831	1.96	cps
Gadolinium	160-2	24845	24972	24011	24609	2.12	cps
Holmium	165-1	17854482	16553566	16780987	17063012	4.07	cps
Holmium	165-2	11897199	11853183	11828305	11859562	0.29	cps
Indium	115-1	14550699	13428037	13382962	13787233	4.80	cps
Indium	115-2	5048361	5062250	5012124	5040912	0.51	cps
Iron	56-2	194700750	193821524	193552324	194024866	0.31	cps
Iron	57-2	4789268	4800523	4816486	4802092	0.28	cps
Iron	54-2	10637766	10543887	10541544	10574399	0.52	cps
Krypton	83-1	247	280	270	266	6.44	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:59:25	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3467762	3549542	3559172	3525492	1.42	cps
Lead	207-1	2928141	3106980	3088342	3041154	3.23	cps
Lead	208-1	13494779	13993073	14084103	13857318	2.29	cps
Lithium	6-1	2131732	1927020	1965108	2007954	5.42	cps
Magnesium	24-2	3359319	3364004	3390836	3371386	0.50	cps
Manganese	55-2	1222887	1217219	1215783	1218630	0.31	cps
Molybdenum	94-1	57245	57010	58826	57694	1.71	cps
Molybdenum	95-1	40088	41462	42124	41225	2.52	cps
Molybdenum	96-1	50648	52373	53263	52095	2.55	cps
Molybdenum	97-1	25168	26407	25619	25732	2.44	cps
Molybdenum	98-1	65402	66932	68426	66920	2.26	cps
Neodymium	150-1	50701	52029	51604	51445	1.32	cps
Neodymium	150-2	32096	32003	32277	32125	0.43	cps
Nickel	60-2	56205	56974	56091	56423	0.85	cps
Phosphorus	31-2	16566	15675	16362	16201	2.88	cps
Potassium	39-2	1717318	1706783	1698166	1707422	0.56	cps
Rhodium	103-1	13164189	12448335	12379646	12664057	3.43	cps
Rhodium	103-2	7411026	7418903	7335985	7388638	0.62	cps
Scandium	45-1	7720060	7100656	7169913	7330210	4.63	cps
Scandium	45-2	621817	617913	619061	619597	0.32	cps
Selenium	82-1	388	344	354	362	6.40	cps
Selenium	77-2	117	83	103	101	16.60	cps
Selenium	78-2	507	623	570	567	10.31	cps
Silicon	28-1	11109422	11634969	10456141	11066844	5.34	cps
Silver	107-1	51708	52458	53856	52674	2.07	cps
Silver	109-1	48959	50213	50511	49894	1.65	cps
Sodium	23-2	10000210	9876986	9872591	9916596	0.73	cps
Strontium	86-1	317168	327223	327491	323961	1.82	cps
Strontium	88-1	2844503	2926164	2960771	2910479	2.05	cps
Sulfur	34-1	336963	344895	343129	341662	1.22	cps
Terbium	159-1	18345185	16935859	17155568	17478871	4.34	cps
Terbium	159-2	11717861	11604111	11765518	11695830	0.71	cps
Thallium	203-1	3184	3337	3087	3203	3.94	cps
Thallium	205-1	7549	8002	7576	7709	3.30	cps
Tin	118-1	332126	344932	346114	341057	2.27	cps
Titanium	47-1	865084	903985	901889	890319	2.46	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 21:59:25	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79235	81920	81015	80724	1.69	cps
Vanadium	51-2	216253	216483	212849	215195	0.95	cps
Yttrium	89-1	22371039	21088870	20721814	21393908	4.05	cps
Yttrium	89-2	5708732	5710623	5728262	5715872	0.19	cps
Zinc	66-2	2037275	2004214	2045807	2029099	1.08	cps
Zirconium	90-1	92505	92838	93465	92936	0.52	cps
Zirconium	91-1	20421	22941	20785	21382	6.37	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-13	Instrumnet Name :	P7
Client Sample ID :	MJNKJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:02:28	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2559231	2526765	2526888	2537628	0.74	cps
Antimony	121-1	176871	179336	179138	178448	0.77	cps
Arsenic	75-2	44146	43667	43965	43926	0.55	cps
Barium	135-1	110941	110922	109524	110462	0.74	cps
Barium	137-1	189964	192427	194405	192266	1.16	cps
Beryllium	9-1	420	433	433	429	1.79	cps
Bismuth	209-1	10094007	10241502	10008283	10114597	1.17	cps
Bismuth	209-2	8445385	8526447	8504990	8492274	0.49	cps
Bromine	81-1	66549	69573	69683	68602	2.59	cps
Bromine	81-2	11585	11064	11024	11224	2.79	cps
Cadmium	108-1	313	237	260	270	14.56	cps
Cadmium	106-1	4914	5174	4918	5002	2.98	cps
Cadmium	111-1	3646	3832	3794	3757	2.61	cps
Calcium	43-1	205745	203549	205792	205029	0.63	cps
Calcium	44-1	3261372	3219470	3165883	3215575	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150451	150444	150078	150324	0.14	cps
Cobalt	59-2	58042	57158	58159	57786	0.95	cps
Copper	63-2	5917243	5804387	5821968	5847866	1.04	cps
Dysprosium	156-1	23653	24318	24074	24015	1.40	cps
Dysprosium	156-2	20862	20028	20485	20458	2.04	cps
Erbium	164-1	21133	21320	21433	21295	0.71	cps
Erbium	164-2	15632	15308	15756	15565	1.48	cps
Gadolinium	160-1	24121	25036	24081	24412	2.21	cps
Gadolinium	160-2	18606	18536	18422	18521	0.50	cps
Holmium	165-1	16882269	16388023	16385258	16551850	1.73	cps
Holmium	165-2	11800950	11951700	11765569	11839406	0.83	cps
Indium	115-1	13491842	13335703	13307800	13378448	0.74	cps
Indium	115-2	4996378	4907704	4996691	4966924	1.03	cps
Iron	56-2	85000255	83604520	84448000	84350925	0.83	cps
Iron	57-2	2137192	2086421	2095514	2106375	1.29	cps
Iron	54-2	4638550	4599270	4585381	4607734	0.60	cps
Krypton	83-1	247	240	233	240	2.78	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-13	Instrumnet Name :	P7
Client Sample ID :	MJNKJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:02:28	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1591110	1595174	1578705	1588330	0.54	cps
Lead	207-1	1353037	1363952	1375970	1364320	0.84	cps
Lead	208-1	6435200	6460289	6495403	6463631	0.47	cps
Lithium	6-1	1996254	1924363	1977601	1966073	1.90	cps
Magnesium	24-2	2520137	2486498	2505900	2504178	0.67	cps
Manganese	55-2	512488	505615	508241	508781	0.68	cps
Molybdenum	94-1	30469	30923	31430	30941	1.56	cps
Molybdenum	95-1	25539	26093	25522	25718	1.26	cps
Molybdenum	96-1	31541	31283	30706	31177	1.37	cps
Molybdenum	97-1	15715	15942	16306	15988	1.86	cps
Molybdenum	98-1	41519	41419	41689	41542	0.33	cps
Neodymium	150-1	39064	38793	38763	38873	0.43	cps
Neodymium	150-2	23660	23283	23727	23556	1.02	cps
Nickel	60-2	37991	38406	37871	38089	0.74	cps
Phosphorus	31-2	12005	11615	12018	11879	1.93	cps
Potassium	39-2	1155596	1150609	1145240	1150482	0.45	cps
Rhodium	103-1	12364891	12129279	12224268	12239480	0.97	cps
Rhodium	103-2	7429062	7314581	7345337	7362993	0.80	cps
Scandium	45-1	7075963	7083544	6964257	7041255	0.95	cps
Scandium	45-2	615194	615039	611471	613901	0.34	cps
Selenium	82-1	371	382	377	377	1.54	cps
Selenium	77-2	90	97	63	83	21.17	cps
Selenium	78-2	550	513	537	533	3.48	cps
Silicon	28-1	7776196	5885785	6274012	6645331	15.02	cps
Silver	107-1	60733	59645	59843	60074	0.96	cps
Silver	109-1	57939	57671	57159	57589	0.69	cps
Sodium	23-2	12053749	11852601	11855458	11920602	0.97	cps
Strontium	86-1	224360	224414	223491	224088	0.23	cps
Strontium	88-1	2010324	2009969	2014862	2011718	0.14	cps
Sulfur	34-1	562991	560066	561585	561547	0.26	cps
Terbium	159-1	16761946	16885461	17007286	16884898	0.73	cps
Terbium	159-2	11807785	11649532	11650133	11702483	0.78	cps
Thallium	203-1	3434	3374	3581	3463	3.07	cps
Thallium	205-1	8443	8296	8349	8363	0.89	cps
Tin	118-1	141568	142786	143210	142521	0.60	cps
Titanium	47-1	645760	637669	637876	640435	0.72	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-13	Instrumnet Name :	P7
Client Sample ID :	MJNKJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:02:28	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39204	39131	39118	39151	0.12	cps
Vanadium	51-2	141903	139918	139760	140527	0.85	cps
Yttrium	89-1	20646662	20283959	20346771	20425797	0.95	cps
Yttrium	89-2	5609013	5662614	5618370	5629999	0.51	cps
Zinc	66-2	296063	294420	293635	294706	0.42	cps
Zirconium	90-1	43886	44528	44461	44291	0.80	cps
Zirconium	91-1	10091	9540	9747	9792	2.84	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:32:10	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12736207	12738590	12759794	12744864	0.10	cps
Antimony	121-1	5765455	5800521	5779408	5781795	0.31	cps
Arsenic	75-2	276359	275371	275272	275667	0.22	cps
Barium	135-1	7537041	7542789	7464391	7514741	0.58	cps
Barium	137-1	13049985	12909881	12909034	12956300	0.63	cps
Beryllium	9-1	677639	673057	672590	674429	0.41	cps
Bismuth	209-1	8790760	8470526	8464511	8575265	2.18	cps
Bismuth	209-2	7172980	7354420	7223283	7250228	1.29	cps
Bromine	81-1	14137	13249	12822	13403	5.00	cps
Bromine	81-2	100	157	140	132	22.03	cps
Cadmium	108-1	106759	103781	102653	104397	2.03	cps
Cadmium	106-1	152062	149689	148248	150000	1.28	cps
Cadmium	111-1	1410181	1404499	1398281	1404320	0.42	cps
Calcium	43-1	7577258	7313272	7203870	7364800	2.61	cps
Calcium	44-1	121614308	118321838	115750488	118562212	2.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2154292	2139231	2123490	2139004	0.72	cps
Cobalt	59-2	3310305	3290953	3281228	3294162	0.45	cps
Copper	63-2	23018410	23281130	22862240	23053927	0.92	cps
Dysprosium	156-1	240	297	300	279	12.09	cps
Dysprosium	156-2	543	477	507	509	6.56	cps
Erbium	164-1	287	323	380	330	14.25	cps
Erbium	164-2	220	213	267	233	12.45	cps
Gadolinium	160-1	250	253	287	263	7.70	cps
Gadolinium	160-2	757	737	687	727	4.96	cps
Holmium	165-1	15518331	14776532	14820491	15038451	2.77	cps
Holmium	165-2	10705056	10746881	10722937	10724958	0.20	cps
Indium	115-1	11973647	11400723	11402989	11592453	2.85	cps
Indium	115-2	4133101	4196472	4172509	4167361	0.77	cps
Iron	56-2	504007459	501419646	497917526	501114877	0.61	cps
Iron	57-2	12623746	12526299	12462111	12537385	0.65	cps
Iron	54-2	27249174	27205936	27102551	27185887	0.28	cps
Krypton	83-1	170	213	187	190	11.51	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:32:10	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22285764	22335479	22415651	22345631	0.29	cps
Lead	207-1	19514348	19617546	19733379	19621758	0.56	cps
Lead	208-1	88828223	89092913	89640982	89187372	0.46	cps
Lithium	6-1	1744025	1731007	1723979	1733004	0.59	cps
Magnesium	24-2	95287519	96154432	94865112	95435687	0.69	cps
Manganese	55-2	17576903	17498017	17324923	17466614	0.74	cps
Molybdenum	94-1	20226660	20150051	19543174	19973295	1.87	cps
Molybdenum	95-1	29452209	29037310	28471824	28987114	1.70	cps
Molybdenum	96-1	32282337	31782048	31497450	31853945	1.25	cps
Molybdenum	97-1	18236308	18007722	17879873	18041301	1.00	cps
Molybdenum	98-1	47269213	46269644	45515999	46351619	1.90	cps
Neodymium	150-1	450	523	493	489	7.54	cps
Neodymium	150-2	167	157	140	154	8.72	cps
Nickel	60-2	781984	778135	779050	779723	0.26	cps
Phosphorus	31-2	111223	111092	111069	111128	0.07	cps
Potassium	39-2	61810032	61226864	61734482	61590460	0.51	cps
Rhodium	103-1	10654131	10106218	9917803	10226051	3.74	cps
Rhodium	103-2	5947667	5989670	5833168	5923502	1.37	cps
Scandium	45-1	6757256	6263389	6172046	6397564	4.92	cps
Scandium	45-2	520808	521402	516429	519546	0.52	cps
Selenium	82-1	85202	83460	82969	83877	1.40	cps
Selenium	77-2	8819	8643	9040	8834	2.25	cps
Selenium	78-2	29920	29519	29336	29592	1.01	cps
Silicon	28-1	7638343	7345759	7145245	7376449	3.36	cps
Silver	107-1	7246184	7057291	7018119	7107198	1.72	cps
Silver	109-1	6937725	6740284	6637739	6771916	2.25	cps
Sodium	23-2	154916861	155949464	155097078	155321134	0.36	cps
Strontium	86-1	1866607	1818279	1794857	1826581	2.00	cps
Strontium	88-1	16207669	15828336	15846822	15960942	1.34	cps
Sulfur	34-1	573101	549742	543841	555561	2.79	cps
Terbium	159-1	15850980	15124179	15174388	15383182	2.64	cps
Terbium	159-2	10563639	10535136	10446941	10515239	0.58	cps
Thallium	203-1	5618753	5652653	5704336	5658581	0.76	cps
Thallium	205-1	13335846	13406904	13487832	13410194	0.57	cps
Tin	118-1	4793743	4795094	4758483	4782440	0.43	cps
Titanium	47-1	7215876	6923646	6861081	7000201	2.71	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:32:10	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17358169	17784131	17770459	17637586	1.37	cps
Vanadium	51-2	1936663	1900892	1895910	1911155	1.16	cps
Yttrium	89-1	18784550	17814483	17539223	18046086	3.63	cps
Yttrium	89-2	4703208	4723455	4709550	4712071	0.22	cps
Zinc	66-2	3968257	3982175	3920172	3956868	0.82	cps
Zirconium	90-1	10072788	9878683	9565041	9838837	2.60	cps
Zirconium	91-1	2244765	2182715	2155346	2194275	2.09	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:35:11	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	303	330	333	9.54	cps
Antimony	121-1	2254	2267	1977	2166	7.56	cps
Arsenic	75-2	43	30	17	30	44.43	cps
Barium	135-1	390	357	210	319	30.03	cps
Barium	137-1	650	513	463	542	17.82	cps
Beryllium	9-1	113	110	130	118	9.10	cps
Bismuth	209-1	9557765	9579868	9519367	9552333	0.32	cps
Bismuth	209-2	8232936	8025357	8081445	8113246	1.32	cps
Bromine	81-1	12269	12946	12442	12552	2.80	cps
Bromine	81-2	213	173	223	203	13.01	cps
Cadmium	108-1	27	3	23	18	71.00	cps
Cadmium	106-1	4124	4081	3991	4065	1.67	cps
Cadmium	111-1	921	907	872	900	2.83	cps
Calcium	43-1	460	440	367	422	11.64	cps
Calcium	44-1	10404	9700	8933	9679	7.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1887	1900	2017	1935	3.70	cps
Cobalt	59-2	167	147	127	147	13.64	cps
Copper	63-2	1527	1490	1527	1515	1.40	cps
Dysprosium	156-1	7	0	10	6	91.64	cps
Dysprosium	156-2	10	0	13	8	89.21	cps
Erbium	164-1	87	63	60	70	20.76	cps
Erbium	164-2	53	57	50	53	6.25	cps
Gadolinium	160-1	53	73	100	76	30.99	cps
Gadolinium	160-2	557	490	547	531	6.77	cps
Holmium	165-1	15072237	15116425	14992363	15060342	0.42	cps
Holmium	165-2	11218004	11121717	11087765	11142495	0.61	cps
Indium	115-1	12258095	12078087	12068079	12134753	0.88	cps
Indium	115-2	4572317	4602923	4601629	4592290	0.38	cps
Iron	56-2	31269	28834	27612	29239	6.37	cps
Iron	57-2	1000	1043	1140	1061	6.76	cps
Iron	54-2	2890	2824	2684	2799	3.77	cps
Krypton	83-1	127	207	227	187	28.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:35:11	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2017	1957	1620	1865	11.47	cps
Lead	207-1	1600	1690	1453	1581	7.56	cps
Lead	208-1	7691	7341	6721	7251	6.78	cps
Lithium	6-1	1800113	1810987	1836337	1815812	1.02	cps
Magnesium	24-2	2597	2217	2017	2277	12.94	cps
Manganese	55-2	667	703	567	646	10.96	cps
Molybdenum	94-1	1807	1580	1283	1557	16.86	cps
Molybdenum	95-1	2013	1767	1537	1772	13.45	cps
Molybdenum	96-1	2357	2104	1883	2115	11.20	cps
Molybdenum	97-1	1240	1130	980	1117	11.69	cps
Molybdenum	98-1	3404	2994	2610	3003	13.22	cps
Neodymium	150-1	10	3	10	8	49.52	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	547	513	503	521	4.35	cps
Phosphorus	31-2	93	117	113	108	11.71	cps
Potassium	39-2	52032	51868	51664	51855	0.36	cps
Rhodium	103-1	11099002	11085580	10955396	11046659	0.72	cps
Rhodium	103-2	6666416	6793582	6723911	6727969	0.95	cps
Scandium	45-1	6116144	6091129	6136716	6114663	0.37	cps
Scandium	45-2	543429	536864	540954	540416	0.61	cps
Selenium	82-1	243	154	124	173	35.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	420	410	380	403	5.16	cps
Silicon	28-1	480067	483631	482015	481904	0.37	cps
Silver	107-1	837	683	560	693	19.99	cps
Silver	109-1	753	593	527	624	18.66	cps
Sodium	23-2	27631	27084	26837	27184	1.50	cps
Strontium	86-1	373	440	413	409	8.21	cps
Strontium	88-1	867	813	707	796	10.24	cps
Sulfur	34-1	160307	159981	161499	160596	0.50	cps
Terbium	159-1	15804469	15506271	15381517	15564086	1.40	cps
Terbium	159-2	10830404	10869967	10799704	10833359	0.33	cps
Thallium	203-1	947	777	853	859	9.91	cps
Thallium	205-1	2534	2130	2074	2246	11.17	cps
Tin	118-1	1573	1543	1373	1497	7.21	cps
Titanium	47-1	430	350	263	348	23.97	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:35:11	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	980	730	660	790	21.30	cps
Vanadium	51-2	43	43	40	42	4.55	cps
Yttrium	89-1	17895406	17923413	17852467	17890429	0.20	cps
Yttrium	89-2	4962687	5031172	5007257	5000372	0.70	cps
Zinc	66-2	283	280	240	268	9.01	cps
Zirconium	90-1	1323	1357	1250	1310	4.17	cps
Zirconium	91-1	297	300	323	307	4.74	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:41:08	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4454380	4550005	4472083	4492156	1.13	cps
Antimony	121-1	27018735	27783461	27864795	27555664	1.69	cps
Arsenic	75-2	4124387	4057526	4162191	4114701	1.29	cps
Barium	135-1	678337	700181	698748	692422	1.76	cps
Barium	137-1	1181099	1205744	1209095	1198646	1.28	cps
Beryllium	9-1	2100	2104	2134	2112	0.87	cps
Bismuth	209-1	10310743	10096359	10284604	10230569	1.14	cps
Bismuth	209-2	8650487	8638749	8497019	8595418	0.99	cps
Bromine	81-1	38991	40970	41625	40529	3.38	cps
Bromine	81-2	6211	5901	6228	6114	3.01	cps
Cadmium	108-1	27489	28244	29029	28254	2.72	cps
Cadmium	106-1	42295	42683	44075	43017	2.18	cps
Cadmium	111-1	380683	386635	393774	387031	1.69	cps
Calcium	43-1	1512363	1583602	1566137	1554034	2.39	cps
Calcium	44-1	24067406	25028308	25059608	24718441	2.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1444213	1465591	1459132	1456312	0.75	cps
Cobalt	59-2	4078850	4080446	4084741	4081346	0.07	cps
Copper	63-2	13014979	13037142	13160539	13070886	0.60	cps
Dysprosium	156-1	28703	29043	29013	28920	0.65	cps
Dysprosium	156-2	24909	25830	25867	25535	2.13	cps
Erbium	164-1	28416	28442	28786	28548	0.72	cps
Erbium	164-2	21567	20983	21046	21198	1.51	cps
Gadolinium	160-1	27871	28920	28399	28397	1.85	cps
Gadolinium	160-2	22845	22498	22238	22527	1.35	cps
Holmium	165-1	16288266	16177796	16361639	16275900	0.57	cps
Holmium	165-2	12086285	11909571	11930406	11975421	0.81	cps
Indium	115-1	14936461	15041230	15454425	15144038	1.81	cps
Indium	115-2	5816814	5821099	5818132	5818682	0.04	cps
Iron	56-2	854954601	848038974	846547267	849846947	0.53	cps
Iron	57-2	21038094	20997153	21224510	21086586	0.57	cps
Iron	54-2	46413081	45955373	46482009	46283488	0.62	cps
Krypton	83-1	243	213	213	223	7.76	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:41:08	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35314609	35780160	35404992	35499920	0.70	cps
Lead	207-1	30632385	30935200	30991111	30852899	0.63	cps
Lead	208-1	140684368	141669160	140409764	140921097	0.47	cps
Lithium	6-1	1907456	1888953	1926913	1907774	0.99	cps
Magnesium	24-2	3152581	3197424	3184763	3178256	0.73	cps
Manganese	55-2	3046601	3041695	3036030	3041442	0.17	cps
Molybdenum	94-1	1659590	1696616	1758391	1704865	2.93	cps
Molybdenum	95-1	2654197	2797707	2779088	2743664	2.84	cps
Molybdenum	96-1	2947004	3037451	3023107	3002521	1.62	cps
Molybdenum	97-1	1693170	1724775	1751745	1723230	1.70	cps
Molybdenum	98-1	4319627	4411970	4422127	4384575	1.29	cps
Neodymium	150-1	45129	45272	45841	45414	0.83	cps
Neodymium	150-2	28893	29341	28629	28954	1.24	cps
Nickel	60-2	158490	155621	158426	157512	1.04	cps
Phosphorus	31-2	14524	14033	14624	14394	2.20	cps
Potassium	39-2	2269102	2272179	2274150	2271810	0.11	cps
Rhodium	103-1	11822944	11719534	12106436	11882971	1.69	cps
Rhodium	103-2	7381252	7476188	7408376	7421938	0.66	cps
Scandium	45-1	6945843	6959128	7175112	7026694	1.83	cps
Scandium	45-2	647093	644444	642617	644718	0.35	cps
Selenium	82-1	45537	47235	47738	46837	2.46	cps
Selenium	77-2	5531	5458	5434	5474	0.92	cps
Selenium	78-2	18388	18318	18822	18509	1.47	cps
Silicon	28-1	53040913	54832199	56650659	54841257	3.29	cps
Silver	107-1	82419	84165	83736	83440	1.09	cps
Silver	109-1	76779	78622	80277	78559	2.23	cps
Sodium	23-2	8858965	8959564	8916072	8911533	0.57	cps
Strontium	86-1	909311	938422	945217	930983	2.05	cps
Strontium	88-1	8175565	8483503	8402933	8354000	1.91	cps
Sulfur	34-1	346561	357527	359144	354410	1.93	cps
Terbium	159-1	16575810	16654523	16895094	16708475	1.00	cps
Terbium	159-2	11819577	11855122	11699122	11791274	0.69	cps
Thallium	203-1	2291341	2275127	2301625	2289364	0.58	cps
Thallium	205-1	5392036	5487297	5455886	5445073	0.89	cps
Tin	118-1	4996520	5086140	5154049	5078903	1.56	cps
Titanium	47-1	1101560	1140567	1159866	1133998	2.62	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:41:08	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	189398	188047	190303	189249	0.60	cps
Vanadium	51-2	204516	208986	208094	207198	1.14	cps
Yttrium	89-1	19781319	20199987	20601016	20194108	2.03	cps
Yttrium	89-2	5771169	5890125	5738875	5800056	1.37	cps
Zinc	66-2	11987041	12043660	12186161	12072287	0.85	cps
Zirconium	90-1	375483	391309	396526	387773	2.83	cps
Zirconium	91-1	92392	92298	93683	92791	0.83	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:43:58	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3267884	3236263	3185877	3230008	1.28	cps
Antimony	121-1	64802	62696	58241	61913	5.41	cps
Arsenic	75-2	169007	166692	165707	167135	1.01	cps
Barium	135-1	579058	577360	580688	579035	0.29	cps
Barium	137-1	1007861	1006781	1003418	1006020	0.23	cps
Beryllium	9-1	1390	1417	1263	1357	6.04	cps
Bismuth	209-1	9906762	9871298	9794065	9857375	0.58	cps
Bismuth	209-2	8261074	8263092	8185026	8236397	0.54	cps
Bromine	81-1	19299	18719	18919	18979	1.55	cps
Bromine	81-2	957	1057	1053	1022	5.56	cps
Cadmium	108-1	22030	22164	21479	21891	1.66	cps
Cadmium	106-1	36248	35039	35306	35531	1.79	cps
Cadmium	111-1	325900	326650	325483	326011	0.18	cps
Calcium	43-1	2379812	2305329	2285108	2323416	2.15	cps
Calcium	44-1	37348865	36932019	36732180	37004355	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	216341	214672	212630	214548	0.87	cps
Cobalt	59-2	139505	137990	136618	138038	1.05	cps
Copper	63-2	233370	232233	232506	232703	0.26	cps
Dysprosium	156-1	55606	55656	55402	55555	0.24	cps
Dysprosium	156-2	46423	45681	46460	46188	0.95	cps
Erbium	164-1	47832	47631	47958	47807	0.35	cps
Erbium	164-2	34366	34011	34185	34187	0.52	cps
Gadolinium	160-1	54355	54077	54729	54387	0.60	cps
Gadolinium	160-2	40652	41033	41097	40927	0.59	cps
Holmium	165-1	16297569	16301362	16323571	16307500	0.09	cps
Holmium	165-2	11815934	11595794	11620156	11677295	1.03	cps
Indium	115-1	13057814	12980742	13036966	13025174	0.31	cps
Indium	115-2	4792573	4867807	4783096	4814492	0.96	cps
Iron	56-2	189457484	189577864	186191684	188409011	1.02	cps
Iron	57-2	4743941	4675827	4706189	4708652	0.72	cps
Iron	54-2	10264317	10321123	10203268	10262903	0.57	cps
Krypton	83-1	257	253	337	282	16.72	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:43:58	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	817567	816899	819815	818094	0.19	cps
Lead	207-1	663840	659589	658711	660713	0.42	cps
Lead	208-1	3104823	3114177	3105666	3108222	0.17	cps
Lithium	6-1	1917099	1888128	1908035	1904421	0.78	cps
Magnesium	24-2	14282028	14281455	14072740	14212074	0.85	cps
Manganese	55-2	6329706	6325156	6265631	6306831	0.57	cps
Molybdenum	94-1	42595	42959	41856	42470	1.32	cps
Molybdenum	95-1	24207	25395	23115	24239	4.70	cps
Molybdenum	96-1	33275	34270	31220	32921	4.72	cps
Molybdenum	97-1	14524	15195	14611	14777	2.47	cps
Molybdenum	98-1	37876	38863	36997	37912	2.46	cps
Neodymium	150-1	86402	86956	86707	86688	0.32	cps
Neodymium	150-2	52092	52457	52069	52206	0.42	cps
Nickel	60-2	103296	103628	103349	103424	0.17	cps
Phosphorus	31-2	12775	12322	11938	12345	3.40	cps
Potassium	39-2	1188757	1177012	1173493	1179754	0.68	cps
Rhodium	103-1	11996639	11790889	11728166	11838565	1.19	cps
Rhodium	103-2	7122586	7175870	6952013	7083490	1.65	cps
Scandium	45-1	7104930	6948253	6882359	6978514	1.64	cps
Scandium	45-2	593698	585637	585240	588191	0.81	cps
Selenium	82-1	47504	46858	46805	47056	0.83	cps
Selenium	77-2	5358	5141	4984	5161	3.63	cps
Selenium	78-2	17400	17801	17404	17535	1.31	cps
Silicon	28-1	29303972	28448943	28754988	28835968	1.50	cps
Silver	107-1	5271	5278	4828	5125	5.03	cps
Silver	109-1	5081	4871	4634	4862	4.60	cps
Sodium	23-2	148743	149393	148096	148744	0.44	cps
Strontium	86-1	301192	299349	295742	298761	0.93	cps
Strontium	88-1	2737143	2694099	2662427	2697890	1.39	cps
Sulfur	34-1	234292	231649	230022	231988	0.93	cps
Terbium	159-1	17061383	16956175	16780874	16932810	0.84	cps
Terbium	159-2	11495279	11491129	11546541	11510983	0.27	cps
Thallium	203-1	2189602	2200051	2225450	2205034	0.84	cps
Thallium	205-1	5187704	5294344	5264231	5248759	1.05	cps
Tin	118-1	19006	18706	17925	18545	3.01	cps
Titanium	47-1	320574	320322	317997	319631	0.44	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:43:58	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42856	43197	43194	43082	0.45	cps
Vanadium	51-2	162754	161850	161261	161955	0.46	cps
Yttrium	89-1	20691020	20555469	20277601	20508030	1.03	cps
Yttrium	89-2	5514184	5559813	5457046	5510348	0.93	cps
Zinc	66-2	464912	463969	458169	462350	0.79	cps
Zirconium	90-1	77409	79062	77298	77923	1.27	cps
Zirconium	91-1	17294	17043	17484	17274	1.28	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:47:06	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6041571	6091726	6103124	6078807	0.54	cps
Antimony	121-1	59563	62077	62639	61426	2.67	cps
Arsenic	75-2	171032	171252	171100	171128	0.07	cps
Barium	135-1	770721	806437	802520	793226	2.47	cps
Barium	137-1	1344343	1409183	1398945	1384157	2.52	cps
Beryllium	9-1	2047	2127	1993	2056	3.26	cps
Bismuth	209-1	10858474	9926512	9794335	10193107	5.69	cps
Bismuth	209-2	8300242	8159823	8309628	8256564	1.02	cps
Bromine	81-1	15909	16296	16329	16178	1.44	cps
Bromine	81-2	560	493	627	560	11.90	cps
Cadmium	108-1	20655	21630	21179	21154	2.31	cps
Cadmium	106-1	33910	35072	34427	34470	1.69	cps
Cadmium	111-1	302363	317149	316617	312043	2.69	cps
Calcium	43-1	2794778	2868518	2835883	2833060	1.30	cps
Calcium	44-1	44727623	46173933	45425783	45442446	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213549	212089	211436	212358	0.51	cps
Cobalt	59-2	213560	212844	211404	212603	0.52	cps
Copper	63-2	266364	265797	263242	265134	0.63	cps
Dysprosium	156-1	77017	80318	80670	79335	2.54	cps
Dysprosium	156-2	65324	65053	64507	64961	0.64	cps
Erbium	164-1	63564	68246	67666	66492	3.84	cps
Erbium	164-2	48199	47955	46992	47716	1.34	cps
Gadolinium	160-1	75676	79725	80818	78740	3.44	cps
Gadolinium	160-2	59743	58609	59204	59185	0.96	cps
Holmium	165-1	18191229	16461205	16235976	16962803	6.31	cps
Holmium	165-2	11798148	11544534	11694140	11678941	1.09	cps
Indium	115-1	14401871	13118336	12910198	13476801	5.99	cps
Indium	115-2	4773301	4676163	4703994	4717819	1.06	cps
Iron	56-2	239491683	239459370	237664430	238871828	0.44	cps
Iron	57-2	5961123	5997863	5950711	5969899	0.41	cps
Iron	54-2	13121942	12944726	12857982	12974884	1.04	cps
Krypton	83-1	260	223	307	263	15.86	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:47:06	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	349190	360970	362639	357600	2.05	cps
Lead	207-1	277757	289703	290562	286007	2.50	cps
Lead	208-1	1318400	1362351	1372528	1351093	2.13	cps
Lithium	6-1	2116444	1937466	1937252	1997054	5.18	cps
Magnesium	24-2	15358736	15196802	15108197	15221245	0.83	cps
Manganese	55-2	3838234	3798149	3754534	3796972	1.10	cps
Molybdenum	94-1	59895	62094	62623	61538	2.35	cps
Molybdenum	95-1	17210	18398	17881	17830	3.34	cps
Molybdenum	96-1	29099	30656	30756	30170	3.08	cps
Molybdenum	97-1	10971	11551	11094	11205	2.73	cps
Molybdenum	98-1	27249	28925	28304	28159	3.01	cps
Neodymium	150-1	116971	122795	121915	120560	2.60	cps
Neodymium	150-2	74254	73822	73206	73760	0.71	cps
Nickel	60-2	137039	136165	137587	136930	0.52	cps
Phosphorus	31-2	13556	12882	13623	13354	3.07	cps
Potassium	39-2	2049884	2028842	1999796	2026174	1.24	cps
Rhodium	103-1	13125081	11872105	11689198	12228795	6.39	cps
Rhodium	103-2	6984173	6847778	6925380	6919110	0.99	cps
Scandium	45-1	7829958	6890319	6838482	7186253	7.77	cps
Scandium	45-2	593952	581005	582413	585790	1.21	cps
Selenium	82-1	44191	45258	45495	44981	1.54	cps
Selenium	77-2	4958	5211	4874	5014	3.50	cps
Selenium	78-2	16813	16793	16449	16685	1.23	cps
Silicon	28-1	11762063	14638802	10013198	12138021	19.24	cps
Silver	107-1	2254	2367	2390	2337	3.13	cps
Silver	109-1	2040	2200	2197	2146	4.26	cps
Sodium	23-2	201984	207649	201520	203717	1.68	cps
Strontium	86-1	483246	501627	496364	493746	1.92	cps
Strontium	88-1	4360443	4515796	4598413	4491551	2.69	cps
Sulfur	34-1	233592	234600	230959	233050	0.81	cps
Terbium	159-1	18409271	17118935	16715529	17414578	5.08	cps
Terbium	159-2	11456937	11319864	11391612	11389471	0.60	cps
Thallium	203-1	2085705	2157479	2167905	2137030	2.09	cps
Thallium	205-1	5042402	5156942	5241600	5146981	1.94	cps
Tin	118-1	11585	11958	11518	11687	2.03	cps
Titanium	47-1	358320	370706	374920	367982	2.34	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04ARE	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:47:06	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65387	69290	68911	67863	3.17	cps
Vanadium	51-2	230905	229929	228416	229750	0.55	cps
Yttrium	89-1	22990580	20468106	20384379	21281022	6.96	cps
Yttrium	89-2	5473706	5442749	5424083	5446846	0.46	cps
Zinc	66-2	150102	149052	146911	148688	1.09	cps
Zirconium	90-1	135985	142968	141251	140068	2.60	cps
Zirconium	91-1	30913	32299	32055	31756	2.33	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:50:17	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7805061	7928522	7814049	7849211	0.88	cps
Antimony	121-1	58679	59419	61106	59734	2.08	cps
Arsenic	75-2	191857	192038	192308	192068	0.12	cps
Barium	135-1	319848	323618	325846	323104	0.94	cps
Barium	137-1	557362	568927	564045	563445	1.03	cps
Beryllium	9-1	1443	1520	1590	1518	4.83	cps
Bismuth	209-1	10085183	10000644	10011696	10032508	0.46	cps
Bismuth	209-2	8461951	8507363	8535064	8501459	0.43	cps
Bromine	81-1	19697	20561	20478	20245	2.36	cps
Bromine	81-2	1267	1517	1240	1341	11.38	cps
Cadmium	108-1	27580	27757	28154	27830	1.06	cps
Cadmium	106-1	42358	43763	42515	42879	1.79	cps
Cadmium	111-1	398289	404468	406970	403242	1.11	cps
Calcium	43-1	417830	427502	434649	426660	1.98	cps
Calcium	44-1	6446598	6606155	6714462	6589072	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159341	160093	159139	159524	0.31	cps
Cobalt	59-2	260761	260846	259408	260339	0.31	cps
Copper	63-2	547896	544647	548585	547043	0.38	cps
Dysprosium	156-1	48865	49149	49042	49018	0.29	cps
Dysprosium	156-2	40060	40371	40993	40475	1.17	cps
Erbium	164-1	48246	50150	50150	49515	2.22	cps
Erbium	164-2	36340	35114	35822	35759	1.72	cps
Gadolinium	160-1	47179	48591	48544	48105	1.67	cps
Gadolinium	160-2	36601	36417	36501	36506	0.25	cps
Holmium	165-1	16713256	16523179	16580921	16605785	0.59	cps
Holmium	165-2	11993563	11881186	12122657	11999136	1.01	cps
Indium	115-1	13256062	13058881	13197695	13170879	0.77	cps
Indium	115-2	5094972	5019858	5007966	5040932	0.94	cps
Iron	56-2	244848270	243417436	245201950	244489219	0.39	cps
Iron	57-2	6126086	6065118	6033361	6074855	0.78	cps
Iron	54-2	13282379	13371192	13393221	13348931	0.44	cps
Krypton	83-1	270	323	260	284	11.97	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:50:17	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	940107	955625	945450	947061	0.83	cps
Lead	207-1	784234	794067	789283	789195	0.62	cps
Lead	208-1	3765965	3789701	3785825	3780497	0.34	cps
Lithium	6-1	1932323	1878636	1972276	1927745	2.44	cps
Magnesium	24-2	6164076	6140145	6176074	6160098	0.30	cps
Manganese	55-2	3553844	3539559	3572695	3555366	0.47	cps
Molybdenum	94-1	43020	42903	44053	43325	1.46	cps
Molybdenum	95-1	5254	5438	5604	5432	3.22	cps
Molybdenum	96-1	15311	15815	15652	15593	1.65	cps
Molybdenum	97-1	3257	3184	3307	3249	1.91	cps
Molybdenum	98-1	8593	8543	8713	8616	1.01	cps
Neodymium	150-1	69915	71172	72414	71167	1.76	cps
Neodymium	150-2	44363	44172	43841	44125	0.60	cps
Nickel	60-2	82633	81466	82468	82189	0.77	cps
Phosphorus	31-2	10594	10844	10664	10700	1.21	cps
Potassium	39-2	619190	616064	610772	615342	0.69	cps
Rhodium	103-1	12013044	12238304	12250744	12167364	1.10	cps
Rhodium	103-2	7502487	7376795	7525243	7468175	1.07	cps
Scandium	45-1	7119799	7180367	7261452	7187206	0.99	cps
Scandium	45-2	645061	645267	643947	644759	0.11	cps
Selenium	82-1	57943	59264	60398	59201	2.08	cps
Selenium	77-2	6758	6768	6632	6719	1.13	cps
Selenium	78-2	22203	23101	22400	22568	2.09	cps
Silicon	28-1	13025351	13282205	13346305	13217953	1.28	cps
Silver	107-1	1310	1230	1313	1285	3.67	cps
Silver	109-1	6211	1080	1293	2862	101.44	cps
Sodium	23-2	205484	203347	203158	203996	0.63	cps
Strontium	86-1	288292	296539	296485	293772	1.62	cps
Strontium	88-1	2575181	2633541	2671285	2626669	1.84	cps
Sulfur	34-1	181972	179393	173074	178147	2.57	cps
Terbium	159-1	17044671	17068594	16934638	17015968	0.42	cps
Terbium	159-2	11928915	11677641	11783806	11796788	1.07	cps
Thallium	203-1	2557439	2628008	2581938	2589129	1.38	cps
Thallium	205-1	6065089	6254921	6135917	6151976	1.56	cps
Tin	118-1	20087	19797	20628	20171	2.09	cps
Titanium	47-1	376453	381874	384477	380935	1.07	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:50:17	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38853	39101	37790	38581	1.80	cps
Vanadium	51-2	551856	550145	549369	550457	0.23	cps
Yttrium	89-1	20703067	20748126	21084011	20845068	1.00	cps
Yttrium	89-2	5794595	5734163	5877278	5802012	1.24	cps
Zinc	66-2	120269	120793	120346	120470	0.23	cps
Zirconium	90-1	108229	112356	111087	110557	1.91	cps
Zirconium	91-1	24213	24948	25162	24775	2.01	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:53:25	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5362972	5322663	5465625	5383754	1.37	cps
Antimony	121-1	57829	58123	57628	57860	0.43	cps
Arsenic	75-2	148945	147282	149710	148645	0.84	cps
Barium	135-1	459587	463491	460831	461303	0.43	cps
Barium	137-1	789010	798304	803692	797002	0.93	cps
Beryllium	9-1	1190	1157	1150	1166	1.84	cps
Bismuth	209-1	10279151	9916980	9859602	10018578	2.27	cps
Bismuth	209-2	8380555	8266547	8235662	8294255	0.92	cps
Bromine	81-1	15411	15792	14674	15292	3.72	cps
Bromine	81-2	367	453	393	404	10.98	cps
Cadmium	108-1	22034	22127	22578	22246	1.31	cps
Cadmium	106-1	36857	37111	35854	36607	1.81	cps
Cadmium	111-1	312558	315999	316551	315036	0.69	cps
Calcium	43-1	436131	440069	442378	439526	0.72	cps
Calcium	44-1	6816191	6885392	6834534	6845372	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133787	133454	134553	133931	0.42	cps
Cobalt	59-2	189257	190026	190506	189930	0.33	cps
Copper	63-2	343549	344876	342588	343671	0.33	cps
Dysprosium	156-1	103437	103679	104186	103767	0.37	cps
Dysprosium	156-2	84911	85196	85421	85176	0.30	cps
Erbium	164-1	102539	103876	104883	103766	1.13	cps
Erbium	164-2	75073	74889	74899	74954	0.14	cps
Gadolinium	160-1	105728	105785	107982	106499	1.21	cps
Gadolinium	160-2	79926	80345	81106	80459	0.74	cps
Holmium	165-1	16983989	16352794	16597315	16644699	1.91	cps
Holmium	165-2	11772508	11667814	11630279	11690200	0.63	cps
Indium	115-1	13621730	13109029	12934031	13221597	2.70	cps
Indium	115-2	4837368	4910803	4850396	4866189	0.81	cps
Iron	56-2	248636223	250358703	251970616	250321847	0.67	cps
Iron	57-2	6170141	6236660	6197374	6201391	0.54	cps
Iron	54-2	13622237	13475447	13576386	13558023	0.55	cps
Krypton	83-1	350	260	283	298	15.69	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:53:25	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	394409	399488	398779	397559	0.69	cps
Lead	207-1	334089	336793	336179	335687	0.42	cps
Lead	208-1	1531755	1560391	1552439	1548195	0.95	cps
Lithium	6-1	1980547	1894685	1890057	1921763	2.65	cps
Magnesium	24-2	5630660	5601862	5740867	5657796	1.30	cps
Manganese	55-2	3275165	3272906	3293629	3280567	0.35	cps
Molybdenum	94-1	310832	312419	311209	311486	0.27	cps
Molybdenum	95-1	5604	5444	5394	5481	2.00	cps
Molybdenum	96-1	60280	61405	61552	61079	1.14	cps
Molybdenum	97-1	3234	3434	3354	3340	3.01	cps
Molybdenum	98-1	8896	9020	8719	8878	1.70	cps
Neodymium	150-1	148627	154179	151929	151578	1.84	cps
Neodymium	150-2	93172	94373	93789	93778	0.64	cps
Nickel	60-2	91212	92932	92338	92161	0.95	cps
Phosphorus	31-2	35438	35775	35478	35563	0.52	cps
Potassium	39-2	679129	681324	688212	682888	0.69	cps
Rhodium	103-1	12775812	12151246	11868947	12265335	3.78	cps
Rhodium	103-2	7275210	7215697	7092724	7194544	1.29	cps
Scandium	45-1	7489194	7140679	7102743	7244205	2.94	cps
Scandium	45-2	618362	619865	621438	619888	0.25	cps
Selenium	82-1	42186	42827	42946	42653	0.96	cps
Selenium	77-2	4938	4891	4918	4915	0.48	cps
Selenium	78-2	16065	15648	16015	15910	1.43	cps
Silicon	28-1	15653688	15882438	15974949	15837025	1.04	cps
Silver	107-1	1527	1533	1477	1512	2.05	cps
Silver	109-1	900	1050	907	952	8.90	cps
Sodium	23-2	551672	551307	553909	552296	0.25	cps
Strontium	86-1	319795	323197	318142	320378	0.80	cps
Strontium	88-1	2862268	2874631	2904927	2880609	0.76	cps
Sulfur	34-1	163911	161685	160192	161930	1.16	cps
Terbium	159-1	17592396	16676699	16664174	16977756	3.14	cps
Terbium	159-2	11506508	11354320	11541921	11467583	0.87	cps
Thallium	203-1	2089404	2127449	2134479	2117111	1.15	cps
Thallium	205-1	4974088	5042443	5085108	5033880	1.11	cps
Tin	118-1	19717	20131	19730	19859	1.18	cps
Titanium	47-1	4714246	4734634	4685400	4711427	0.53	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06ARE	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:53:25	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39565	40298	39917	39927	0.92	cps
Vanadium	51-2	595540	597645	599583	597589	0.34	cps
Yttrium	89-1	22125677	21166826	21320880	21537794	2.39	cps
Yttrium	89-2	5800708	5786150	5811272	5799377	0.22	cps
Zinc	66-2	117998	117622	117500	117707	0.22	cps
Zirconium	90-1	833425	849549	844712	842562	0.98	cps
Zirconium	91-1	184377	185257	186788	185474	0.66	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:56:35	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4387706	4473622	4406975	4422768	1.02	cps
Antimony	121-1	27679904	28513085	28453482	28215490	1.65	cps
Arsenic	75-2	4133967	4089376	4151597	4124980	0.78	cps
Barium	135-1	702533	716180	716103	711605	1.10	cps
Barium	137-1	1232559	1242582	1246691	1240611	0.59	cps
Beryllium	9-1	2087	2154	2103	2115	1.64	cps
Bismuth	209-1	10662362	10410266	10218525	10430385	2.13	cps
Bismuth	209-2	8527238	8679936	8646428	8617868	0.93	cps
Bromine	81-1	40128	42180	43230	41846	3.77	cps
Bromine	81-2	6011	5771	5825	5869	2.15	cps
Cadmium	108-1	29453	30248	30515	30072	1.84	cps
Cadmium	106-1	44481	45952	45872	45435	1.82	cps
Cadmium	111-1	406244	409470	416515	410743	1.28	cps
Calcium	43-1	1528336	1588185	1593556	1570026	2.31	cps
Calcium	44-1	24867634	25150937	25506658	25175076	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1443882	1437137	1436545	1439188	0.28	cps
Cobalt	59-2	4105295	4200262	4142337	4149298	1.15	cps
Copper	63-2	12923468	13043466	12957915	12974950	0.48	cps
Dysprosium	156-1	29661	30219	29354	29745	1.47	cps
Dysprosium	156-2	26128	25944	25684	25918	0.86	cps
Erbium	164-1	29474	29531	29688	29565	0.37	cps
Erbium	164-2	21470	21600	21089	21386	1.24	cps
Gadolinium	160-1	29057	29845	29257	29386	1.39	cps
Gadolinium	160-2	22154	22755	23012	22641	1.95	cps
Holmium	165-1	17078789	16605436	16678752	16787659	1.52	cps
Holmium	165-2	11906788	12131941	11842870	11960533	1.27	cps
Indium	115-1	15691141	15487228	15489842	15556070	0.75	cps
Indium	115-2	5750318	5849394	5834040	5811251	0.92	cps
Iron	56-2	845131241	853629214	848365481	849041978	0.51	cps
Iron	57-2	21080309	21185761	20968968	21078346	0.51	cps
Iron	54-2	46204314	46284731	45999911	46162985	0.32	cps
Krypton	83-1	193	260	280	244	18.56	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:56:35	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35691885	36073006	36216260	35993717	0.75	cps
Lead	207-1	31013485	31412425	31360920	31262276	0.69	cps
Lead	208-1	141688274	142912726	142685935	142428978	0.46	cps
Lithium	6-1	1981683	1934520	1910681	1942295	1.86	cps
Magnesium	24-2	3153427	3156472	3114492	3141464	0.75	cps
Manganese	55-2	3026883	3009518	3008435	3014945	0.34	cps
Molybdenum	94-1	1715881	1719063	1728997	1721314	0.40	cps
Molybdenum	95-1	2782284	2860874	2841977	2828379	1.45	cps
Molybdenum	96-1	3011569	3094450	3113865	3073295	1.77	cps
Molybdenum	97-1	1694537	1768122	1780760	1747807	2.66	cps
Molybdenum	98-1	4416046	4465167	4498052	4459755	0.93	cps
Neodymium	150-1	45306	45737	46727	45923	1.59	cps
Neodymium	150-2	28495	28599	28242	28445	0.65	cps
Nickel	60-2	157908	159581	159168	158886	0.55	cps
Phosphorus	31-2	14527	14794	14417	14579	1.33	cps
Potassium	39-2	2215155	2268130	2205977	2229754	1.50	cps
Rhodium	103-1	12615521	12356891	12324994	12432469	1.28	cps
Rhodium	103-2	7454081	7507576	7477345	7479667	0.36	cps
Scandium	45-1	7364791	7146916	7189322	7233676	1.60	cps
Scandium	45-2	636771	644846	638906	640174	0.65	cps
Selenium	82-1	48186	49505	49505	49065	1.55	cps
Selenium	77-2	5314	5641	5404	5453	3.10	cps
Selenium	78-2	18632	18271	18855	18586	1.59	cps
Silicon	28-1	56829672	57743851	57219252	57264259	0.80	cps
Silver	107-1	84024	84832	85614	84824	0.94	cps
Silver	109-1	79228	80562	80911	80234	1.11	cps
Sodium	23-2	8800235	8909795	8831346	8847126	0.64	cps
Strontium	86-1	941640	968651	969904	960065	1.66	cps
Strontium	88-1	8495766	8603612	8658383	8585920	0.96	cps
Sulfur	34-1	350134	357145	359619	355633	1.38	cps
Terbium	159-1	17408570	17313238	17065777	17262528	1.02	cps
Terbium	159-2	11698916	11943242	11869674	11837278	1.06	cps
Thallium	203-1	2271021	2280431	2311730	2287727	0.93	cps
Thallium	205-1	5438849	5440442	5465232	5448174	0.27	cps
Tin	118-1	5161061	5162960	5272739	5198920	1.23	cps
Titanium	47-1	1154135	1169031	1184803	1169323	1.31	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06ARE2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 22:56:35	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	189979	191198	189356	190178	0.49	cps
Vanadium	51-2	206820	207350	207773	207314	0.23	cps
Yttrium	89-1	21146383	21108971	20980234	21078529	0.41	cps
Yttrium	89-2	5749732	5847984	5848180	5815298	0.98	cps
Zinc	66-2	12079238	12170849	12153421	12134503	0.40	cps
Zirconium	90-1	391120	403047	403843	399337	1.78	cps
Zirconium	91-1	92482	94367	95974	94275	1.85	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:44:56	DataFile Name :	143CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12647840	12653164	12623804	12641603	0.12	cps
Antimony	121-1	5736892	5714195	5723904	5724997	0.20	cps
Arsenic	75-2	271023	272193	270536	271251	0.31	cps
Barium	135-1	7387264	7373335	7352367	7370989	0.24	cps
Barium	137-1	12739432	12673341	12630871	12681215	0.43	cps
Beryllium	9-1	677393	668013	671941	672449	0.70	cps
Bismuth	209-1	8476166	8609654	8345695	8477171	1.56	cps
Bismuth	209-2	7159432	7016641	7082719	7086264	1.01	cps
Bromine	81-1	13023	12245	11862	12376	4.78	cps
Bromine	81-2	150	150	100	133	21.65	cps
Cadmium	108-1	102801	101179	101961	101980	0.80	cps
Cadmium	106-1	148669	146197	145894	146920	1.04	cps
Cadmium	111-1	1391481	1380432	1376728	1382880	0.56	cps
Calcium	43-1	7295495	7156052	7069641	7173729	1.59	cps
Calcium	44-1	117151158	115491562	113331278	115324666	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2113485	2122930	2119131	2118515	0.22	cps
Cobalt	59-2	3282412	3255178	3227087	3254893	0.85	cps
Copper	63-2	22792560	22507208	22644003	22647924	0.63	cps
Dysprosium	156-1	287	273	263	274	4.26	cps
Dysprosium	156-2	530	503	577	537	6.92	cps
Erbium	164-1	290	273	303	289	5.20	cps
Erbium	164-2	200	267	257	241	14.91	cps
Gadolinium	160-1	247	323	253	274	15.47	cps
Gadolinium	160-2	643	713	747	701	7.52	cps
Holmium	165-1	14606585	14671171	14575379	14617711	0.33	cps
Holmium	165-2	10613878	10491226	10583587	10562897	0.60	cps
Indium	115-1	11334512	11115534	10798200	11082749	2.43	cps
Indium	115-2	4208610	4163415	4122179	4164735	1.04	cps
Iron	56-2	495421433	497866459	488588713	493958868	0.97	cps
Iron	57-2	12393337	12353469	12392632	12379813	0.18	cps
Iron	54-2	27170358	26849622	26866340	26962107	0.67	cps
Krypton	83-1	223	173	230	209	14.83	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:44:56	DataFile Name :	143CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22166383	22283550	22175302	22208412	0.29	cps
Lead	207-1	19452875	19706241	19343443	19500853	0.95	cps
Lead	208-1	88989727	89702017	88806140	89165961	0.53	cps
Lithium	6-1	1681016	1674952	1681852	1679273	0.22	cps
Magnesium	24-2	95075449	94645019	94329649	94683372	0.40	cps
Manganese	55-2	17344563	17132667	16944823	17140684	1.17	cps
Molybdenum	94-1	19892312	19509024	19431926	19611087	1.26	cps
Molybdenum	95-1	28906600	28407822	28414687	28576370	1.00	cps
Molybdenum	96-1	31839330	31168375	30753805	31253837	1.75	cps
Molybdenum	97-1	17951248	17813371	17522534	17762384	1.23	cps
Molybdenum	98-1	46459559	45684054	45317083	45820232	1.27	cps
Neodymium	150-1	437	420	507	454	10.12	cps
Neodymium	150-2	180	160	187	176	7.91	cps
Nickel	60-2	771398	766432	764574	767468	0.46	cps
Phosphorus	31-2	110687	110401	108414	109834	1.13	cps
Potassium	39-2	61340894	60886357	61012731	61079994	0.38	cps
Rhodium	103-1	10000510	9785460	9734773	9840248	1.43	cps
Rhodium	103-2	5872312	5833730	5806395	5837479	0.57	cps
Scandium	45-1	6236062	6036951	5949153	6074055	2.42	cps
Scandium	45-2	514606	508146	512358	511703	0.64	cps
Selenium	82-1	82353	81288	81925	81855	0.66	cps
Selenium	77-2	8593	8369	8456	8472	1.33	cps
Selenium	78-2	29175	29058	29145	29126	0.21	cps
Silicon	28-1	7314908	7120354	7065800	7167021	1.83	cps
Silver	107-1	7031275	6846711	6831437	6903141	1.61	cps
Silver	109-1	6767099	6635170	6512592	6638287	1.92	cps
Sodium	23-2	155333474	154676948	153714831	154575084	0.53	cps
Strontium	86-1	1823617	1806471	1764366	1798152	1.70	cps
Strontium	88-1	15747917	15688600	15421023	15619180	1.11	cps
Sulfur	34-1	558133	537845	530969	542316	2.60	cps
Terbium	159-1	15111861	15068542	14896883	15025762	0.76	cps
Terbium	159-2	10511233	10519120	10405312	10478555	0.61	cps
Thallium	203-1	5521177	5553473	5585666	5553439	0.58	cps
Thallium	205-1	13337962	13431149	13301396	13356835	0.50	cps
Tin	118-1	4755415	4749736	4669173	4724775	1.02	cps
Titanium	47-1	6994302	6701577	6664471	6786784	2.66	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:44:56	DataFile Name :	143CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17403070	17618220	17626834	17549374	0.72	cps
Vanadium	51-2	1911383	1915397	1865453	1897411	1.46	cps
Yttrium	89-1	17557270	17299796	16989226	17282097	1.65	cps
Yttrium	89-2	4738030	4619318	4653781	4670376	1.31	cps
Zinc	66-2	3920344	3933437	3905945	3919908	0.35	cps
Zirconium	90-1	9687743	9773193	9476763	9645900	1.58	cps
Zirconium	91-1	2168492	2138648	2158833	2155325	0.71	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:47:40	DataFile Name :	144CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	177	203	174	17.23	cps
Antimony	121-1	2260	2174	2013	2149	5.82	cps
Arsenic	75-2	10	27	20	19	44.42	cps
Barium	135-1	150	130	127	136	9.31	cps
Barium	137-1	247	207	237	230	9.05	cps
Beryllium	9-1	157	113	123	131	17.31	cps
Bismuth	209-1	9098590	9375993	9424360	9299648	1.89	cps
Bismuth	209-2	7955283	8188440	7997864	8047196	1.54	cps
Bromine	81-1	12135	12319	12205	12220	0.76	cps
Bromine	81-2	130	160	147	146	10.33	cps
Cadmium	108-1	20	10	3	11	75.52	cps
Cadmium	106-1	3974	4064	3837	3958	2.88	cps
Cadmium	111-1	832	857	806	832	3.05	cps
Calcium	43-1	253	243	257	251	2.76	cps
Calcium	44-1	6361	6291	6301	6318	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1863	2020	1867	1917	4.67	cps
Cobalt	59-2	113	127	170	137	21.68	cps
Copper	63-2	1230	1270	1230	1243	1.86	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	87	63	53	68	25.24	cps
Erbium	164-2	47	63	67	59	18.19	cps
Gadolinium	160-1	53	73	73	67	17.32	cps
Gadolinium	160-2	553	560	557	557	0.60	cps
Holmium	165-1	14257923	14941884	14947089	14715632	2.69	cps
Holmium	165-2	10876166	10988466	10797454	10887362	0.88	cps
Indium	115-1	11200093	11823590	11880605	11634763	3.24	cps
Indium	115-2	4506143	4480110	4504375	4496876	0.32	cps
Iron	56-2	23528	22874	22507	22970	2.25	cps
Iron	57-2	1027	1013	980	1007	2.39	cps
Iron	54-2	2457	2610	2504	2524	3.12	cps
Krypton	83-1	167	137	237	180	28.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:47:40	DataFile Name :	144CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1067	1020	923	1003	7.29	cps
Lead	207-1	917	780	783	827	9.43	cps
Lead	208-1	4477	3910	3570	3986	11.49	cps
Lithium	6-1	1686812	1775171	1804205	1755396	3.48	cps
Magnesium	24-2	1680	1507	1573	1587	5.51	cps
Manganese	55-2	493	450	503	482	5.88	cps
Molybdenum	94-1	1220	980	957	1052	13.85	cps
Molybdenum	95-1	1317	1047	1093	1152	12.52	cps
Molybdenum	96-1	1443	1297	1137	1292	11.87	cps
Molybdenum	97-1	840	720	767	776	7.80	cps
Molybdenum	98-1	2260	1943	1830	2011	11.08	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	567	447	527	513	11.90	cps
Phosphorus	31-2	123	110	90	108	15.57	cps
Potassium	39-2	50637	50463	50126	50409	0.52	cps
Rhodium	103-1	10265386	10820546	10700327	10595420	2.76	cps
Rhodium	103-2	6618693	6661468	6587621	6622594	0.56	cps
Scandium	45-1	5687484	5953848	6052647	5897993	3.20	cps
Scandium	45-2	529168	536068	529623	531620	0.73	cps
Selenium	82-1	163	202	76	147	43.95	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	317	330	403	350	13.33	cps
Silicon	28-1	480667	473207	478535	477470	0.80	cps
Silver	107-1	783	660	610	684	13.03	cps
Silver	109-1	587	573	557	572	2.63	cps
Sodium	23-2	24874	24863	24616	24784	0.59	cps
Strontium	86-1	280	303	367	317	14.16	cps
Strontium	88-1	350	443	367	387	12.87	cps
Sulfur	34-1	156761	157459	157499	157240	0.26	cps
Terbium	159-1	14582781	15409608	15432685	15141691	3.20	cps
Terbium	159-2	10712354	10916722	10822199	10817092	0.95	cps
Thallium	203-1	790	810	793	798	1.34	cps
Thallium	205-1	2120	1913	1903	1979	6.18	cps
Tin	118-1	1487	1413	1493	1465	3.03	cps
Titanium	47-1	173	150	153	159	7.94	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-27 23:47:40	DataFile Name :	144CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	277	237	217	243	12.55	cps
Vanadium	51-2	43	23	33	33	30.00	cps
Yttrium	89-1	16678250	17372992	17785889	17279044	3.24	cps
Yttrium	89-2	4888464	4937077	4876205	4900582	0.66	cps
Zinc	66-2	247	177	213	212	16.50	cps
Zirconium	90-1	1090	1033	1143	1089	5.05	cps
Zirconium	91-1	230	260	233	241	6.82	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:51:01	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	987867	995009	988137	990337	0.41	cps
Antimony	121-1	54175	55828	54944	54982	1.50	cps
Arsenic	75-2	5048	5134	5141	5108	1.02	cps
Barium	135-1	263379	267652	266927	265986	0.86	cps
Barium	137-1	456294	466776	464108	462392	1.18	cps
Beryllium	9-1	903	1003	970	959	5.31	cps
Bismuth	209-1	10014901	9790360	9707653	9837638	1.62	cps
Bismuth	209-2	8192124	8239304	8157596	8196341	0.50	cps
Bromine	81-1	18115	18398	18428	18314	0.95	cps
Bromine	81-2	1297	1370	1487	1385	6.92	cps
Cadmium	108-1	720	703	767	730	4.50	cps
Cadmium	106-1	5341	5138	5271	5250	1.97	cps
Cadmium	111-1	9011	9203	9228	9147	1.30	cps
Calcium	43-1	1168665	1173943	1211690	1184766	1.98	cps
Calcium	44-1	18555386	18880874	19116832	18851031	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2661544	2633861	2623205	2639537	0.75	cps
Cobalt	59-2	58892	58624	57824	58447	0.95	cps
Copper	63-2	242528	241819	243249	242532	0.29	cps
Dysprosium	156-1	8810	8970	8933	8904	0.94	cps
Dysprosium	156-2	7542	7749	7742	7678	1.53	cps
Erbium	164-1	9166	9323	9070	9186	1.39	cps
Erbium	164-2	6818	7015	6918	6917	1.42	cps
Gadolinium	160-1	8940	9053	9090	9027	0.87	cps
Gadolinium	160-2	7676	7452	7335	7488	2.31	cps
Holmium	165-1	15843221	15511201	15743464	15699295	1.09	cps
Holmium	165-2	11403353	11372471	11384538	11386787	0.14	cps
Indium	115-1	12511993	12235193	12330677	12359287	1.14	cps
Indium	115-2	4628528	4633331	4652224	4638028	0.27	cps
Iron	56-2	367200675	363836661	362916221	364651186	0.62	cps
Iron	57-2	9059128	9021605	9033520	9038084	0.21	cps
Iron	54-2	20013386	19774085	19902316	19896596	0.60	cps
Krypton	83-1	260	223	190	224	15.60	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:51:01	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4149621	4245877	4223359	4206286	1.20	cps
Lead	207-1	3459431	3523109	3558347	3513629	1.43	cps
Lead	208-1	16043946	16348140	16345486	16245857	1.08	cps
Lithium	6-1	1882353	1849494	1844286	1858711	1.11	cps
Magnesium	24-2	3081882	3111369	3061568	3084940	0.81	cps
Manganese	55-2	17302171	17168048	16946494	17138904	1.05	cps
Molybdenum	94-1	47390	48430	49309	48376	1.99	cps
Molybdenum	95-1	66631	66055	66560	66415	0.47	cps
Molybdenum	96-1	75423	76274	78134	76610	1.81	cps
Molybdenum	97-1	40854	41465	42462	41594	1.95	cps
Molybdenum	98-1	104950	106870	107028	106283	1.09	cps
Neodymium	150-1	13960	13900	14010	13957	0.39	cps
Neodymium	150-2	8756	8569	8526	8617	1.42	cps
Nickel	60-2	373825	373318	374071	373738	0.10	cps
Phosphorus	31-2	7979	7785	7709	7824	1.78	cps
Potassium	39-2	437913	436772	434707	436464	0.37	cps
Rhodium	103-1	11575752	11225975	11161726	11321151	1.97	cps
Rhodium	103-2	6744789	6792775	6856656	6798073	0.83	cps
Scandium	45-1	6519285	6354004	6404650	6425979	1.32	cps
Scandium	45-2	560133	558913	559287	559444	0.11	cps
Selenium	82-1	180	262	287	243	23.08	cps
Selenium	77-2	27	37	57	40	38.18	cps
Selenium	78-2	470	430	380	427	10.57	cps
Silicon	28-1	11328694	11628370	11682325	11546463	1.65	cps
Silver	107-1	22084	22728	22314	22375	1.46	cps
Silver	109-1	21022	21870	21686	21526	2.07	cps
Sodium	23-2	123763	125324	124229	124439	0.64	cps
Strontium	86-1	231457	236554	237820	235277	1.43	cps
Strontium	88-1	2127741	2133092	2141208	2134014	0.32	cps
Sulfur	34-1	194518	195919	196740	195725	0.57	cps
Terbium	159-1	16409258	15962384	16107981	16159874	1.41	cps
Terbium	159-2	11362338	11071051	11084589	11172659	1.47	cps
Thallium	203-1	8209	8616	8369	8398	2.44	cps
Thallium	205-1	20165	20475	19781	20141	1.73	cps
Tin	118-1	49371	50184	50221	49925	0.96	cps
Titanium	47-1	269626	275104	275752	273494	1.23	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:51:01	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15449	15703	16160	15771	2.28	cps
Vanadium	51-2	136056	137422	135737	136405	0.66	cps
Yttrium	89-1	19098135	18632126	18697399	18809220	1.34	cps
Yttrium	89-2	5150274	5149932	5174613	5158273	0.27	cps
Zinc	66-2	951976	954676	955724	954125	0.20	cps
Zirconium	90-1	29640	30505	30214	30120	1.46	cps
Zirconium	91-1	6732	6612	6858	6734	1.83	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:54:10	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2103858	2114766	2102932	2107186	0.31	cps
Antimony	121-1	13296387	13748125	13744846	13596453	1.91	cps
Arsenic	75-2	1901106	1903722	1919806	1908211	0.53	cps
Barium	135-1	322256	332605	331796	328886	1.75	cps
Barium	137-1	559235	577277	582592	573035	2.14	cps
Beryllium	9-1	1050	1090	1040	1060	2.50	cps
Bismuth	209-1	9976378	10012799	10092904	10027360	0.59	cps
Bismuth	209-2	8378869	8473044	8519996	8457303	0.85	cps
Bromine	81-1	25702	26748	27793	26748	3.91	cps
Bromine	81-2	2954	2904	2947	2935	0.93	cps
Cadmium	108-1	1600	1760	1797	1719	6.08	cps
Cadmium	106-1	6798	6912	6698	6803	1.57	cps
Cadmium	111-1	14188	14558	14924	14557	2.53	cps
Calcium	43-1	731575	763694	772643	755971	2.86	cps
Calcium	44-1	11608370	11964549	12172086	11915001	2.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	306382	306117	308851	307117	0.49	cps
Cobalt	59-2	731895	730595	732143	731544	0.11	cps
Copper	63-2	6241277	6157694	6211359	6203443	0.68	cps
Dysprosium	156-1	13743	13773	14301	13939	2.25	cps
Dysprosium	156-2	11918	12399	12409	12242	2.29	cps
Erbium	164-1	13907	13820	13867	13865	0.31	cps
Erbium	164-2	10130	10097	10277	10168	0.94	cps
Gadolinium	160-1	13166	13737	13597	13500	2.20	cps
Gadolinium	160-2	11131	11225	10838	11064	1.83	cps
Holmium	165-1	15899762	16225339	16039456	16054852	1.02	cps
Holmium	165-2	11711335	11746563	11836179	11764692	0.55	cps
Indium	115-1	13599694	13805418	13881034	13762049	1.06	cps
Indium	115-2	5325767	5330774	5341116	5332552	0.15	cps
Iron	56-2	402578394	404226247	402199301	403001314	0.27	cps
Iron	57-2	9914397	9916406	9910993	9913932	0.03	cps
Iron	54-2	21693372	21782810	21970554	21815579	0.65	cps
Krypton	83-1	237	230	237	234	1.64	cps

1000

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:54:10	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16809963	16969033	16998089	16925695	0.60	cps
Lead	207-1	14749296	14724152	14978821	14817423	0.95	cps
Lead	208-1	67270549	67751358	68244997	67755635	0.72	cps
Lithium	6-1	1825312	1864332	1876129	1855258	1.43	cps
Magnesium	24-2	1487235	1502668	1505149	1498350	0.65	cps
Manganese	55-2	1420854	1447198	1457615	1441889	1.31	cps
Molybdenum	94-1	768861	793256	799595	787237	2.06	cps
Molybdenum	95-1	1231248	1259726	1288693	1259889	2.28	cps
Molybdenum	96-1	1339330	1385557	1422132	1382340	3.00	cps
Molybdenum	97-1	774071	794904	805663	791546	2.03	cps
Molybdenum	98-1	2062440	2107172	2090733	2086782	1.08	cps
Neodymium	150-1	21403	22141	22127	21890	1.93	cps
Neodymium	150-2	13930	14141	13777	13949	1.31	cps
Nickel	60-2	75127	74999	75294	75140	0.20	cps
Phosphorus	31-2	6892	7195	7005	7031	2.18	cps
Potassium	39-2	1100594	1109025	1121083	1110234	0.93	cps
Rhodium	103-1	11501712	11614913	11778537	11631721	1.20	cps
Rhodium	103-2	7283158	7311545	7251138	7281947	0.42	cps
Scandium	45-1	6602878	6796608	6874638	6758041	2.07	cps
Scandium	45-2	618505	620873	623135	620838	0.37	cps
Selenium	82-1	471	420	452	448	5.77	cps
Selenium	77-2	73	57	57	62	15.46	cps
Selenium	78-2	557	473	583	538	10.67	cps
Silicon	28-1	23724774	25229010	25653715	24869166	4.08	cps
Silver	107-1	39751	40710	41198	40553	1.82	cps
Silver	109-1	38100	39243	39540	38961	1.95	cps
Sodium	23-2	4186992	4154025	4224257	4188425	0.84	cps
Strontium	86-1	438046	453192	454446	448561	2.04	cps
Strontium	88-1	3945379	4046348	4093419	4028382	1.88	cps
Sulfur	34-1	253727	259949	261275	258317	1.56	cps
Terbium	159-1	16075215	16329230	16505884	16303443	1.33	cps
Terbium	159-2	11488313	11714557	11569129	11590666	0.99	cps
Thallium	203-1	23991	24339	24245	24192	0.74	cps
Thallium	205-1	56995	58187	57916	57699	1.08	cps
Tin	118-1	2418315	2555761	2507682	2493919	2.80	cps
Titanium	47-1	522080	536553	542646	533760	1.98	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:54:10	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	89683	91613	92248	91181	1.46	cps
Vanadium	51-2	98690	96610	98958	98086	1.31	cps
Yttrium	89-1	19119540	19296758	19766338	19394212	1.72	cps
Yttrium	89-2	5624679	5660511	5615908	5633699	0.42	cps
Zinc	66-2	5655505	5648280	5662060	5655282	0.12	cps
Zirconium	90-1	181030	185155	187711	184632	1.83	cps
Zirconium	91-1	42485	44140	43972	43532	2.09	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:57:15	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2132197	2134199	2130659	2132352	0.08	cps
Antimony	121-1	13698122	13933728	13856619	13829490	0.87	cps
Arsenic	75-2	1952793	1922783	1945455	1940344	0.81	cps
Barium	135-1	326857	338096	338785	334580	2.00	cps
Barium	137-1	569729	587106	585356	580730	1.65	cps
Beryllium	9-1	1123	1133	993	1083	7.21	cps
Bismuth	209-1	10401484	10104226	10007429	10171046	2.02	cps
Bismuth	209-2	8651298	8546073	8561911	8586428	0.66	cps
Bromine	81-1	26814	28224	28862	27967	3.75	cps
Bromine	81-2	3067	2910	2967	2981	2.66	cps
Cadmium	108-1	1827	1820	1747	1798	2.47	cps
Cadmium	106-1	7255	7035	6938	7076	2.29	cps
Cadmium	111-1	14666	14734	14692	14697	0.23	cps
Calcium	43-1	765019	791772	792554	783115	2.00	cps
Calcium	44-1	12058348	12386134	12387309	12277263	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313361	312701	314693	313585	0.32	cps
Cobalt	59-2	746463	742585	740985	743344	0.38	cps
Copper	63-2	6307244	6273093	6309526	6296621	0.32	cps
Dysprosium	156-1	13914	14174	14227	14105	1.19	cps
Dysprosium	156-2	12412	12255	12506	12391	1.02	cps
Erbium	164-1	13183	14584	13774	13847	5.08	cps
Erbium	164-2	9914	10164	9877	9985	1.56	cps
Gadolinium	160-1	13530	14110	13510	13717	2.49	cps
Gadolinium	160-2	11351	10911	10894	11052	2.35	cps
Holmium	165-1	16922530	16255744	16278601	16485625	2.30	cps
Holmium	165-2	12095378	11867080	11861609	11941356	1.12	cps
Indium	115-1	14846489	14244577	14117069	14402712	2.70	cps
Indium	115-2	5496705	5381215	5447602	5441841	1.07	cps
Iron	56-2	409958901	407674594	409653407	409095634	0.30	cps
Iron	57-2	10056788	10056819	10046592	10053400	0.06	cps
Iron	54-2	22126304	22162389	21970128	22086274	0.46	cps
Krypton	83-1	223	243	200	222	9.76	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:57:15	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16345768	17021986	16759641	16709132	2.04	cps
Lead	207-1	14311213	14796981	14483504	14530566	1.69	cps
Lead	208-1	65515606	67386311	66767357	66556424	1.43	cps
Lithium	6-1	1967101	1909299	1886189	1920863	2.17	cps
Magnesium	24-2	1526989	1501387	1526151	1518176	0.96	cps
Manganese	55-2	1488114	1474739	1466088	1476313	0.75	cps
Molybdenum	94-1	783775	806765	817175	802572	2.13	cps
Molybdenum	95-1	1266913	1294873	1312508	1291431	1.78	cps
Molybdenum	96-1	1402346	1454120	1448311	1434926	1.98	cps
Molybdenum	97-1	793659	812701	817841	808067	1.58	cps
Molybdenum	98-1	2117489	2141827	2139444	2132920	0.63	cps
Neodymium	150-1	21032	21780	22498	21770	3.37	cps
Neodymium	150-2	14104	13290	13994	13796	3.20	cps
Nickel	60-2	76534	76581	77214	76776	0.49	cps
Phosphorus	31-2	6938	7262	7055	7085	2.31	cps
Potassium	39-2	1130030	1121745	1129085	1126953	0.40	cps
Rhodium	103-1	12673262	12181371	12184459	12346364	2.29	cps
Rhodium	103-2	7626461	7438974	7470679	7512038	1.34	cps
Scandium	45-1	7369360	7172071	7137792	7226408	1.73	cps
Scandium	45-2	650220	639199	647432	645617	0.89	cps
Selenium	82-1	537	450	534	507	9.79	cps
Selenium	77-2	70	87	100	86	17.57	cps
Selenium	78-2	563	507	520	530	5.59	cps
Silicon	28-1	25052147	26027092	26081591	25720277	2.25	cps
Silver	107-1	41205	41900	42465	41857	1.51	cps
Silver	109-1	38698	40436	39677	39604	2.20	cps
Sodium	23-2	4257285	4218775	4292487	4256182	0.87	cps
Strontium	86-1	451664	465308	466162	461045	1.76	cps
Strontium	88-1	4047069	4137185	4131884	4105379	1.23	cps
Sulfur	34-1	262962	265821	267530	265438	0.87	cps
Terbium	159-1	17266108	16742193	16575622	16861308	2.14	cps
Terbium	159-2	11822131	11747304	11818863	11796099	0.36	cps
Thallium	203-1	23257	24459	24616	24110	3.08	cps
Thallium	205-1	55673	58940	57297	57304	2.85	cps
Tin	118-1	2502862	2602507	2512722	2539363	2.16	cps
Titanium	47-1	540155	561051	559024	553410	2.08	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	2
Date & Time Acquired :	2024-12-27 23:57:15	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87382	89455	89425	88754	1.34	cps
Vanadium	51-2	101082	100132	100820	100678	0.49	cps
Yttrium	89-1	20842563	20201585	20272531	20438893	1.72	cps
Yttrium	89-2	5798051	5667602	5736821	5734158	1.14	cps
Zinc	66-2	5756407	5761275	5798264	5771982	0.40	cps
Zirconium	90-1	182618	191866	195964	190150	3.60	cps
Zirconium	91-1	43401	45263	45410	44691	2.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:00:16	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412531	410542	412776	411950	0.30	cps
Antimony	121-1	2738156	2741344	2745188	2741563	0.13	cps
Arsenic	75-2	374938	373698	373372	374003	0.22	cps
Barium	135-1	65423	66672	67663	66586	1.69	cps
Barium	137-1	114285	114103	117312	115233	1.56	cps
Beryllium	9-1	200	253	270	241	15.17	cps
Bismuth	209-1	9837957	9794460	9878291	9836903	0.43	cps
Bismuth	209-2	8449568	8431982	8413022	8431524	0.22	cps
Bromine	81-1	18044	18442	18171	18219	1.11	cps
Bromine	81-2	677	793	757	742	8.04	cps
Cadmium	108-1	333	357	327	339	4.65	cps
Cadmium	106-1	5211	4848	4894	4984	3.97	cps
Cadmium	111-1	3635	3659	3690	3661	0.75	cps
Calcium	43-1	155693	157076	158474	157081	0.89	cps
Calcium	44-1	2461131	2424105	2486377	2457204	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62997	63151	62077	62742	0.93	cps
Cobalt	59-2	146655	147786	147382	147274	0.39	cps
Copper	63-2	1238642	1236538	1235749	1236976	0.12	cps
Dysprosium	156-1	2730	2747	2787	2755	1.06	cps
Dysprosium	156-2	2454	2360	2487	2434	2.70	cps
Erbium	164-1	2930	2810	2810	2850	2.43	cps
Erbium	164-2	1977	2070	2117	2055	3.47	cps
Gadolinium	160-1	2710	2850	2837	2799	2.76	cps
Gadolinium	160-2	2754	2677	2627	2686	2.38	cps
Holmium	165-1	15981009	15869375	16049044	15966476	0.57	cps
Holmium	165-2	11803428	11702985	11577970	11694795	0.97	cps
Indium	115-1	13302780	13220481	13195881	13239714	0.42	cps
Indium	115-2	5065314	5053570	5046037	5054974	0.19	cps
Iron	56-2	79940112	79521074	79606427	79689204	0.28	cps
Iron	57-2	2012557	1994325	1994156	2000346	0.53	cps
Iron	54-2	4383367	4374011	4367759	4375046	0.18	cps
Krypton	83-1	217	250	213	227	8.94	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:00:16	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3347692	3328370	3371046	3349036	0.64	cps
Lead	207-1	2902390	2907594	2921446	2910477	0.34	cps
Lead	208-1	13285999	13181576	13314851	13260809	0.53	cps
Lithium	6-1	1846590	1834322	1837772	1839562	0.34	cps
Magnesium	24-2	286719	287969	287864	287517	0.24	cps
Manganese	55-2	281571	282530	279393	281165	0.57	cps
Molybdenum	94-1	158086	160963	160600	159883	0.98	cps
Molybdenum	95-1	255101	256574	256678	256118	0.34	cps
Molybdenum	96-1	275503	279273	279953	278243	0.86	cps
Molybdenum	97-1	158846	162050	162356	161084	1.21	cps
Molybdenum	98-1	415388	413924	414812	414708	0.18	cps
Neodymium	150-1	4571	4274	4501	4449	3.49	cps
Neodymium	150-2	2710	2597	2714	2674	2.48	cps
Nickel	60-2	15969	15745	15752	15822	0.80	cps
Phosphorus	31-2	1533	1433	1527	1498	3.73	cps
Potassium	39-2	265572	265602	266348	265841	0.17	cps
Rhodium	103-1	12318520	12178598	12139034	12212051	0.77	cps
Rhodium	103-2	7427974	7403393	7491803	7441057	0.61	cps
Scandium	45-1	7070399	6968265	7099422	7046029	0.98	cps
Scandium	45-2	620078	623779	624337	622731	0.37	cps
Selenium	82-1	235	215	211	220	5.80	cps
Selenium	77-2	17	20	13	17	20.01	cps
Selenium	78-2	393	553	403	450	19.92	cps
Silicon	28-1	5713935	5901943	5825644	5813841	1.63	cps
Silver	107-1	8342	8406	8339	8362	0.45	cps
Silver	109-1	8079	7852	7982	7971	1.43	cps
Sodium	23-2	821636	822930	822721	822429	0.08	cps
Strontium	86-1	91294	93048	92226	92189	0.95	cps
Strontium	88-1	787023	793601	802090	794238	0.95	cps
Sulfur	34-1	192344	193613	194298	193419	0.51	cps
Terbium	159-1	16384885	16329587	16196383	16303618	0.59	cps
Terbium	159-2	11634868	11513493	11438592	11528984	0.86	cps
Thallium	203-1	5114	5034	4934	5028	1.79	cps
Thallium	205-1	11518	11869	11552	11646	1.66	cps
Tin	118-1	483429	496346	487569	489114	1.35	cps
Titanium	47-1	109680	109982	110378	110014	0.32	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:00:16	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17892	17705	17852	17816	0.55	cps
Vanadium	51-2	19933	19536	18965	19478	2.50	cps
Yttrium	89-1	19612007	19795665	19927793	19778488	0.80	cps
Yttrium	89-2	5573230	5485949	5525253	5528144	0.79	cps
Zinc	66-2	1129156	1132056	1129785	1130332	0.13	cps
Zirconium	90-1	37454	38153	38367	37991	1.26	cps
Zirconium	91-1	8603	8816	8506	8641	1.84	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:03:25	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1292684	1288945	1257079	1279569	1.53	cps
Antimony	121-1	807324	822945	818001	816090	0.98	cps
Arsenic	75-2	143270	143318	142960	143183	0.14	cps
Barium	135-1	784535	787570	788609	786904	0.27	cps
Barium	137-1	1366436	1373808	1374280	1371508	0.32	cps
Beryllium	9-1	7775	7972	7545	7764	2.75	cps
Bismuth	209-1	9973755	10036483	10018022	10009420	0.32	cps
Bismuth	209-2	8318744	8485323	8401242	8401770	0.99	cps
Bromine	81-1	32953	33889	34263	33702	2.00	cps
Bromine	81-2	3841	4161	4017	4006	4.00	cps
Cadmium	108-1	11048	11368	11074	11163	1.59	cps
Cadmium	106-1	19840	20024	20204	20023	0.91	cps
Cadmium	111-1	164102	164443	162989	163845	0.46	cps
Calcium	43-1	467030	470185	465806	467673	0.48	cps
Calcium	44-1	7314420	7272113	7356268	7314267	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172965	174588	173968	173840	0.47	cps
Cobalt	59-2	534674	534282	538476	535811	0.43	cps
Copper	63-2	1602977	1572820	1546560	1574119	1.79	cps
Dysprosium	156-1	12672	12913	12656	12747	1.13	cps
Dysprosium	156-2	11378	10751	10697	10942	3.46	cps
Erbium	164-1	11378	11461	11108	11316	1.63	cps
Erbium	164-2	8339	8483	8299	8374	1.15	cps
Gadolinium	160-1	12369	12743	12779	12630	1.80	cps
Gadolinium	160-2	10517	9887	9940	10115	3.46	cps
Holmium	165-1	16414177	16308720	16211022	16311306	0.62	cps
Holmium	165-2	11753979	11823845	11685638	11754487	0.59	cps
Indium	115-1	13488151	13470961	13242597	13400569	1.02	cps
Indium	115-2	5118798	5039518	4999946	5052754	1.20	cps
Iron	56-2	75356949	74550107	74541427	74816161	0.63	cps
Iron	57-2	1881611	1850999	1858941	1863850	0.85	cps
Iron	54-2	4096146	4071881	4045502	4071176	0.62	cps
Krypton	83-1	253	280	250	261	6.30	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:03:25	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2653780	2706507	2684654	2681647	0.99	cps
Lead	207-1	2282533	2333464	2276244	2297413	1.37	cps
Lead	208-1	10495607	10648207	10488316	10544043	0.86	cps
Lithium	6-1	1900299	1956666	1872004	1909656	2.26	cps
Magnesium	24-2	1286610	1264911	1250556	1267359	1.43	cps
Manganese	55-2	772091	772038	761565	768565	0.79	cps
Molybdenum	94-1	28304	28518	28421	28414	0.38	cps
Molybdenum	95-1	28842	28538	28090	28490	1.33	cps
Molybdenum	96-1	33609	34200	33047	33619	1.71	cps
Molybdenum	97-1	18332	18502	17884	18239	1.75	cps
Molybdenum	98-1	46554	46377	46403	46445	0.21	cps
Neodymium	150-1	21136	20502	20849	20829	1.52	cps
Neodymium	150-2	12839	13096	12549	12828	2.13	cps
Nickel	60-2	124817	124720	123681	124406	0.51	cps
Phosphorus	31-2	6601	6365	6035	6334	4.50	cps
Potassium	39-2	706404	710167	701181	705917	0.64	cps
Rhodium	103-1	12228145	12348416	12367435	12314666	0.61	cps
Rhodium	103-2	7398674	7408552	7420289	7409171	0.15	cps
Scandium	45-1	7237740	7170599	7161560	7189967	0.58	cps
Scandium	45-2	634641	626810	625956	629136	0.76	cps
Selenium	82-1	22507	22529	22787	22608	0.69	cps
Selenium	77-2	2350	2337	2650	2446	7.25	cps
Selenium	78-2	8446	8949	8896	8764	3.16	cps
Silicon	28-1	4999367	5745985	5216678	5320677	7.22	cps
Silver	107-1	90272	92794	90966	91344	1.43	cps
Silver	109-1	88049	87532	86754	87445	0.75	cps
Sodium	23-2	4502181	4454098	4474306	4476862	0.54	cps
Strontium	86-1	423831	420317	422428	422192	0.42	cps
Strontium	88-1	3790831	3767698	3735054	3764528	0.74	cps
Sulfur	34-1	261786	265233	266394	264471	0.91	cps
Terbium	159-1	16686988	16790975	17003737	16827234	0.96	cps
Terbium	159-2	11593502	11646828	11509644	11583325	0.60	cps
Thallium	203-1	1072672	1098785	1077128	1082862	1.29	cps
Thallium	205-1	2672496	2661550	2666880	2666975	0.21	cps
Tin	118-1	196465	198316	197796	197526	0.48	cps
Titanium	47-1	394147	398483	398642	397091	0.64	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:03:25	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26213	26203	26189	26201	0.04	cps
Vanadium	51-2	308775	304187	306052	306338	0.75	cps
Yttrium	89-1	20218914	20451250	20336207	20335457	0.57	cps
Yttrium	89-2	5663918	5585456	5601628	5617001	0.74	cps
Zinc	66-2	891034	891856	880020	887637	0.74	cps
Zirconium	90-1	32159	32416	33215	32596	1.69	cps
Zirconium	91-1	7455	7285	7235	7325	1.58	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:06:31	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	834919	835226	843721	837955	0.60	cps
Antimony	121-1	5663136	5706909	5623461	5664502	0.74	cps
Arsenic	75-2	754019	752519	752788	753108	0.11	cps
Barium	135-1	131003	131622	131151	131258	0.25	cps
Barium	137-1	227492	230773	231441	229902	0.92	cps
Beryllium	9-1	437	423	507	456	9.83	cps
Bismuth	209-1	9730650	10011092	9873962	9871902	1.42	cps
Bismuth	209-2	8544908	8418163	8465614	8476228	0.76	cps
Bromine	81-1	20624	20638	20518	20593	0.32	cps
Bromine	81-2	1340	1333	1260	1311	3.39	cps
Cadmium	108-1	780	677	910	789	14.82	cps
Cadmium	106-1	5861	5741	5558	5720	2.67	cps
Cadmium	111-1	6507	6713	6414	6545	2.34	cps
Calcium	43-1	312398	318890	319952	317080	1.29	cps
Calcium	44-1	4898352	4992678	5001229	4964086	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125352	125802	124969	125374	0.33	cps
Cobalt	59-2	299132	295576	298376	297695	0.63	cps
Copper	63-2	2585617	2574013	2574657	2578096	0.25	cps
Dysprosium	156-1	5638	5571	5668	5626	0.88	cps
Dysprosium	156-2	5171	4781	4788	4913	4.55	cps
Erbium	164-1	5621	5745	5801	5722	1.61	cps
Erbium	164-2	4101	4184	4101	4128	1.17	cps
Gadolinium	160-1	5431	5528	5278	5412	2.33	cps
Gadolinium	160-2	4841	4924	4854	4873	0.92	cps
Holmium	165-1	16088638	16128136	16206009	16140928	0.37	cps
Holmium	165-2	11698525	11826018	11887076	11803873	0.82	cps
Indium	115-1	13535128	13529278	13631350	13565252	0.42	cps
Indium	115-2	5161245	5260248	5231303	5217599	0.98	cps
Iron	56-2	161728514	161470838	160219088	161139480	0.50	cps
Iron	57-2	4023396	4030327	3969206	4007643	0.84	cps
Iron	54-2	8852932	8769883	8815462	8812759	0.47	cps
Krypton	83-1	200	177	230	202	13.22	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:06:31	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6518558	6639924	6596662	6585048	0.93	cps
Lead	207-1	5697277	5780368	5755413	5744353	0.74	cps
Lead	208-1	26044332	26381538	26248232	26224701	0.65	cps
Lithium	6-1	1898060	1881357	1873161	1884193	0.67	cps
Magnesium	24-2	578749	580358	585251	581453	0.58	cps
Manganese	55-2	573651	570921	573632	572734	0.27	cps
Molybdenum	94-1	319077	321618	324146	321613	0.79	cps
Molybdenum	95-1	512551	514639	517865	515018	0.52	cps
Molybdenum	96-1	561599	566011	562894	563501	0.40	cps
Molybdenum	97-1	321005	325064	322541	322870	0.63	cps
Molybdenum	98-1	823103	839961	837751	833605	1.10	cps
Neodymium	150-1	8553	8856	8573	8661	1.96	cps
Neodymium	150-2	5398	5665	5298	5453	3.48	cps
Nickel	60-2	31496	31536	32034	31689	0.95	cps
Phosphorus	31-2	3054	2974	3130	3053	2.57	cps
Potassium	39-2	488018	482597	484751	485122	0.56	cps
Rhodium	103-1	12176581	12297746	12206881	12227069	0.52	cps
Rhodium	103-2	7413482	7599529	7400165	7471059	1.49	cps
Scandium	45-1	7033711	7141198	7130617	7101842	0.83	cps
Scandium	45-2	634783	636975	634478	635412	0.21	cps
Selenium	82-1	285	386	302	324	16.70	cps
Selenium	77-2	53	43	20	39	43.98	cps
Selenium	78-2	537	563	480	527	8.08	cps
Silicon	28-1	10244255	10452315	10207072	10301214	1.28	cps
Silver	107-1	16957	18008	17157	17374	3.21	cps
Silver	109-1	16610	16897	16570	16692	1.07	cps
Sodium	23-2	1750206	1747263	1750218	1749229	0.10	cps
Strontium	86-1	183519	189310	187400	186743	1.58	cps
Strontium	88-1	1646897	1647668	1679268	1657944	1.11	cps
Sulfur	34-1	217219	219098	217391	217902	0.48	cps
Terbium	159-1	16443882	16536604	16545598	16508694	0.34	cps
Terbium	159-2	11615621	11731531	11628971	11658708	0.54	cps
Thallium	203-1	9774	10030	9957	9920	1.33	cps
Thallium	205-1	23731	23914	23253	23633	1.44	cps
Tin	118-1	994975	1008806	1003381	1002387	0.70	cps
Titanium	47-1	218940	222342	218437	219907	0.97	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:06:31	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35307	35430	34906	35214	0.78	cps
Vanadium	51-2	39876	39545	40441	39954	1.13	cps
Yttrium	89-1	20058812	19945953	20236210	20080325	0.73	cps
Yttrium	89-2	5696326	5726697	5681312	5701445	0.41	cps
Zinc	66-2	2285156	2304579	2317086	2302274	0.70	cps
Zirconium	90-1	75960	76665	75382	76002	0.85	cps
Zirconium	91-1	18201	18118	18265	18195	0.41	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:09:39	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	826848	828298	826359	827168	0.12	cps
Antimony	121-1	5679512	5719806	5638016	5679111	0.72	cps
Arsenic	75-2	752070	753397	748284	751250	0.35	cps
Barium	135-1	130775	132092	132369	131745	0.65	cps
Barium	137-1	228176	229502	229756	229145	0.37	cps
Beryllium	9-1	463	430	443	446	3.77	cps
Bismuth	209-1	9960831	9849362	9926575	9912256	0.58	cps
Bismuth	209-2	8554606	8486967	8415644	8485739	0.82	cps
Bromine	81-1	20454	20891	20655	20667	1.06	cps
Bromine	81-2	1427	1193	1197	1272	10.51	cps
Cadmium	108-1	743	760	727	743	2.24	cps
Cadmium	106-1	5721	5581	5674	5659	1.26	cps
Cadmium	111-1	6576	6245	6194	6338	3.27	cps
Calcium	43-1	313447	320659	318178	317428	1.15	cps
Calcium	44-1	4908699	4930433	5028137	4955756	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125047	123652	125641	124780	0.82	cps
Cobalt	59-2	294379	293829	294392	294200	0.11	cps
Copper	63-2	2570685	2523100	2600637	2564807	1.52	cps
Dysprosium	156-1	5434	5601	5708	5581	2.47	cps
Dysprosium	156-2	4701	4694	4948	4781	3.02	cps
Erbium	164-1	5568	5615	5678	5620	0.98	cps
Erbium	164-2	3934	4284	4154	4124	4.29	cps
Gadolinium	160-1	5081	5661	5601	5448	5.86	cps
Gadolinium	160-2	4467	4704	4637	4603	2.65	cps
Holmium	165-1	16110751	16071519	16142682	16108318	0.22	cps
Holmium	165-2	11798605	11733543	11703119	11745089	0.42	cps
Indium	115-1	13538608	13643399	13504944	13562317	0.53	cps
Indium	115-2	5163397	5187376	5141523	5164099	0.44	cps
Iron	56-2	158748431	160736608	159757041	159747360	0.62	cps
Iron	57-2	3985659	4000487	3970770	3985639	0.37	cps
Iron	54-2	8804630	8746334	8756542	8769169	0.36	cps
Krypton	83-1	243	243	237	241	1.60	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:09:39	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6492029	6559062	6614857	6555316	0.94	cps
Lead	207-1	5666550	5729955	5784461	5726988	1.03	cps
Lead	208-1	25844718	26222627	26374685	26147343	1.04	cps
Lithium	6-1	1889842	1889221	1890367	1889810	0.03	cps
Magnesium	24-2	574351	576448	579389	576729	0.44	cps
Manganese	55-2	569261	570875	566812	568983	0.36	cps
Molybdenum	94-1	317678	321542	322227	320482	0.77	cps
Molybdenum	95-1	511556	516209	517090	514952	0.58	cps
Molybdenum	96-1	558325	562650	562004	560993	0.42	cps
Molybdenum	97-1	320686	323028	323955	322556	0.52	cps
Molybdenum	98-1	827744	839047	836477	834423	0.71	cps
Neodymium	150-1	8476	8726	8763	8655	1.80	cps
Neodymium	150-2	5461	5511	5651	5541	1.78	cps
Nickel	60-2	31593	30908	31152	31218	1.11	cps
Phosphorus	31-2	3007	3040	3147	3065	2.39	cps
Potassium	39-2	481450	485815	486036	484434	0.53	cps
Rhodium	103-1	12267745	12240269	12226461	12244825	0.17	cps
Rhodium	103-2	7521892	7503558	7404428	7476626	0.85	cps
Scandium	45-1	7136251	7095709	7131781	7121247	0.31	cps
Scandium	45-2	635676	635133	635175	635328	0.05	cps
Selenium	82-1	306	282	258	282	8.44	cps
Selenium	77-2	37	33	17	29	37.08	cps
Selenium	78-2	470	503	577	517	10.56	cps
Silicon	28-1	10404759	10345499	10479218	10409825	0.64	cps
Silver	107-1	17177	17467	17420	17355	0.90	cps
Silver	109-1	16146	16449	16593	16396	1.39	cps
Sodium	23-2	1744406	1763417	1742575	1750133	0.66	cps
Strontium	86-1	185662	187105	185898	186222	0.42	cps
Strontium	88-1	1643265	1690645	1659070	1664327	1.45	cps
Sulfur	34-1	214213	218455	218114	216927	1.09	cps
Terbium	159-1	16648477	16578194	16470602	16565758	0.54	cps
Terbium	159-2	11668666	11720922	11617067	11668885	0.45	cps
Thallium	203-1	9613	9647	9590	9617	0.30	cps
Thallium	205-1	22322	22689	22772	22594	1.06	cps
Tin	118-1	992393	998789	999720	996967	0.40	cps
Titanium	47-1	218190	222184	223047	221140	1.17	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:09:39	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34785	35247	35334	35122	0.84	cps
Vanadium	51-2	39458	39806	39776	39680	0.49	cps
Yttrium	89-1	20256735	20195700	20101898	20184777	0.39	cps
Yttrium	89-2	5695609	5612876	5592385	5633623	0.97	cps
Zinc	66-2	2295065	2308966	2307555	2303862	0.33	cps
Zirconium	90-1	75786	77061	75905	76250	0.92	cps
Zirconium	91-1	18295	17931	18355	18194	1.26	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL2X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 00:12:46	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167825	166929	168113	167623	0.37	cps
Antimony	121-1	1080575	1083787	1104229	1089530	1.18	cps
Arsenic	75-2	151164	150645	151567	151125	0.31	cps
Barium	135-1	26181	26097	26358	26212	0.51	cps
Barium	137-1	45697	46265	46155	46039	0.65	cps
Beryllium	9-1	123	120	140	128	8.39	cps
Bismuth	209-1	9904493	9670795	9832775	9802688	1.22	cps
Bismuth	209-2	8463387	8381408	8297890	8380895	0.99	cps
Bromine	81-1	16393	16763	16099	16418	2.03	cps
Bromine	81-2	403	387	377	389	3.46	cps
Cadmium	108-1	130	177	153	153	15.22	cps
Cadmium	106-1	5081	4791	4828	4900	3.22	cps
Cadmium	111-1	2046	1982	2047	2025	1.83	cps
Calcium	43-1	63562	64269	64041	63957	0.56	cps
Calcium	44-1	1017075	1036033	1031320	1028143	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27512	26630	27445	27196	1.80	cps
Cobalt	59-2	59902	59815	58885	59534	0.95	cps
Copper	63-2	507740	503978	505067	505595	0.38	cps
Dysprosium	156-1	1143	1167	1080	1130	3.97	cps
Dysprosium	156-2	887	967	920	924	4.35	cps
Erbium	164-1	1170	1360	1187	1239	8.49	cps
Erbium	164-2	920	937	893	917	2.38	cps
Gadolinium	160-1	1160	1140	1133	1145	1.21	cps
Gadolinium	160-2	1463	1380	1493	1446	4.06	cps
Holmium	165-1	16184163	15996087	15921685	16033978	0.84	cps
Holmium	165-2	11738271	11728834	11668081	11711729	0.33	cps
Indium	115-1	13303715	13241573	13365627	13303638	0.47	cps
Indium	115-2	5127694	5048628	5066452	5080925	0.82	cps
Iron	56-2	32225751	32216198	32018683	32153544	0.36	cps
Iron	57-2	809537	805039	806495	807024	0.28	cps
Iron	54-2	1780796	1755146	1736057	1757333	1.28	cps
Krypton	83-1	210	250	167	209	19.95	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL2X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 00:12:46	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1234508	1257465	1251867	1247947	0.96	cps
Lead	207-1	1072395	1081310	1091057	1081587	0.86	cps
Lead	208-1	5057112	5080247	5089452	5075604	0.33	cps
Lithium	6-1	1915802	1897471	1868607	1893960	1.26	cps
Magnesium	24-2	118441	116681	117441	117521	0.75	cps
Manganese	55-2	116637	115758	115983	116126	0.39	cps
Molybdenum	94-1	63815	64622	65425	64621	1.25	cps
Molybdenum	95-1	102385	103667	103415	103156	0.66	cps
Molybdenum	96-1	112407	113809	112505	112907	0.69	cps
Molybdenum	97-1	64301	64384	65268	64651	0.83	cps
Molybdenum	98-1	166089	165734	168085	166636	0.76	cps
Neodymium	150-1	1670	1643	1817	1710	5.46	cps
Neodymium	150-2	1087	1067	1130	1094	2.96	cps
Nickel	60-2	7489	7472	7285	7415	1.52	cps
Phosphorus	31-2	707	740	653	700	6.25	cps
Potassium	39-2	141934	140295	141635	141288	0.62	cps
Rhodium	103-1	12310835	12265903	12379962	12318900	0.47	cps
Rhodium	103-2	7484837	7539087	7485328	7503084	0.42	cps
Scandium	45-1	7175714	7078163	7057674	7103851	0.89	cps
Scandium	45-2	636499	635756	629258	633838	0.63	cps
Selenium	82-1	249	161	277	229	26.58	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	473	463	470	469	1.09	cps
Silicon	28-1	2713955	2735860	2760977	2736931	0.86	cps
Silver	107-1	3550	3657	3374	3527	4.06	cps
Silver	109-1	3134	2977	3447	3186	7.51	cps
Sodium	23-2	351280	348988	347182	349150	0.59	cps
Strontium	86-1	37190	37113	37026	37110	0.22	cps
Strontium	88-1	316312	323794	326996	322367	1.70	cps
Sulfur	34-1	186455	188315	188126	187632	0.55	cps
Terbium	159-1	16648233	16716431	16574439	16646367	0.43	cps
Terbium	159-2	11481253	11552249	11594309	11542604	0.50	cps
Thallium	203-1	2060	2120	2000	2060	2.91	cps
Thallium	205-1	5108	5071	5194	5124	1.24	cps
Tin	118-1	198978	200015	200951	199982	0.49	cps
Titanium	47-1	43643	45088	44131	44287	1.66	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL2X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 00:12:46	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6875	6855	7039	6923	1.45	cps
Vanadium	51-2	7762	7996	7946	7901	1.56	cps
Yttrium	89-1	20173806	19900308	20215100	20096404	0.85	cps
Yttrium	89-2	5598107	5610904	5616300	5608437	0.17	cps
Zinc	66-2	453802	451486	450603	451964	0.37	cps
Zirconium	90-1	15178	15695	15702	15525	1.94	cps
Zirconium	91-1	3630	3587	3721	3646	1.87	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:16:06	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	837183	836226	841215	838208	0.32	cps
Antimony	121-1	5430317	5569414	5483653	5494462	1.28	cps
Arsenic	75-2	761864	758917	762562	761114	0.25	cps
Barium	135-1	377416	379571	377915	378301	0.30	cps
Barium	137-1	657527	659706	658172	658468	0.17	cps
Beryllium	9-1	3374	3554	3364	3430	3.12	cps
Bismuth	209-1	9759080	9930799	9812088	9833989	0.89	cps
Bismuth	209-2	8454729	8575688	8516562	8515660	0.71	cps
Bromine	81-1	19930	20184	20317	20144	0.98	cps
Bromine	81-2	1327	1193	1233	1251	5.47	cps
Cadmium	108-1	5158	5001	5124	5094	1.62	cps
Cadmium	106-1	11698	12122	11611	11810	2.31	cps
Cadmium	111-1	69851	70710	71061	70541	0.88	cps
Calcium	43-1	308624	311240	310917	310260	0.46	cps
Calcium	44-1	4853668	4860881	4853776	4856108	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163104	161844	164064	163004	0.68	cps
Cobalt	59-2	451587	454424	451598	452536	0.36	cps
Copper	63-2	2549183	2514998	2534687	2532956	0.68	cps
Dysprosium	156-1	5358	5531	5481	5457	1.64	cps
Dysprosium	156-2	4774	4734	4754	4754	0.42	cps
Erbium	164-1	5408	5414	5241	5354	1.83	cps
Erbium	164-2	3984	3761	3994	3913	3.37	cps
Gadolinium	160-1	5251	5438	5468	5386	2.18	cps
Gadolinium	160-2	4861	4601	4901	4788	3.40	cps
Holmium	165-1	16262816	16474187	16142777	16293260	1.03	cps
Holmium	165-2	11915594	11990570	11810672	11905612	0.76	cps
Indium	115-1	13703663	13551688	13815343	13690231	0.97	cps
Indium	115-2	5248167	5232294	5249608	5243357	0.18	cps
Iron	56-2	156778704	157142434	155513214	156478118	0.55	cps
Iron	57-2	3877693	3857758	3830525	3855325	0.61	cps
Iron	54-2	8607044	8544899	8553646	8568529	0.39	cps
Krypton	83-1	197	230	213	213	7.81	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:16:06	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6626931	6756547	6708210	6697229	0.98	cps
Lead	207-1	5785363	5805575	5774302	5788413	0.27	cps
Lead	208-1	26447174	26831021	26507031	26595075	0.78	cps
Lithium	6-1	1884368	1906824	1887978	1893057	0.64	cps
Magnesium	24-2	566378	565083	565681	565714	0.11	cps
Manganese	55-2	639643	634553	636161	636786	0.41	cps
Molybdenum	94-1	312728	315864	314646	314413	0.50	cps
Molybdenum	95-1	507352	504435	505615	505801	0.29	cps
Molybdenum	96-1	546939	547771	552078	548929	0.50	cps
Molybdenum	97-1	313131	316727	317328	315728	0.72	cps
Molybdenum	98-1	816527	817555	820393	818158	0.24	cps
Neodymium	150-1	8559	8149	8713	8474	3.44	cps
Neodymium	150-2	5271	5208	5268	5249	0.68	cps
Nickel	60-2	71600	71693	71921	71738	0.23	cps
Phosphorus	31-2	3244	3030	2914	3063	5.47	cps
Potassium	39-2	475332	475020	475937	475430	0.10	cps
Rhodium	103-1	12291132	12293623	12393875	12326210	0.48	cps
Rhodium	103-2	7495399	7488329	7572527	7518752	0.62	cps
Scandium	45-1	7182301	7204401	7144715	7177139	0.42	cps
Scandium	45-2	637601	639008	640417	639009	0.22	cps
Selenium	82-1	9183	9226	9163	9191	0.35	cps
Selenium	77-2	1053	1143	1000	1066	6.80	cps
Selenium	78-2	3844	3814	3837	3832	0.41	cps
Silicon	28-1	9895144	10832823	10119401	10282456	4.76	cps
Silver	107-1	47982	49153	49380	48838	1.54	cps
Silver	109-1	45572	46805	46635	46337	1.44	cps
Sodium	23-2	1711451	1710584	1685749	1702595	0.86	cps
Strontium	86-1	182698	180940	181855	181831	0.48	cps
Strontium	88-1	1610341	1603513	1620191	1611348	0.52	cps
Sulfur	34-1	216156	216153	215944	216084	0.06	cps
Terbium	159-1	16629606	16821075	16349434	16600038	1.43	cps
Terbium	159-2	11725485	11631244	11644237	11666989	0.44	cps
Thallium	203-1	435471	438765	434348	436195	0.53	cps
Thallium	205-1	1029712	1031157	1037034	1032634	0.38	cps
Tin	118-1	970341	976243	975803	974129	0.34	cps
Titanium	47-1	218162	217090	217355	217536	0.26	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:16:06	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33883	34712	34137	34244	1.24	cps
Vanadium	51-2	131735	129778	129120	130211	1.04	cps
Yttrium	89-1	20135774	20358263	20195961	20229999	0.57	cps
Yttrium	89-2	5774315	5693457	5690246	5719339	0.83	cps
Zinc	66-2	2252915	2272575	2234800	2253430	0.84	cps
Zirconium	90-1	73188	73797	74474	73820	0.87	cps
Zirconium	91-1	17294	18125	17527	17649	2.43	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:19:13	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	418085	416304	414958	416449	0.38	cps
Antimony	121-1	2787558	2878565	2777867	2814663	1.97	cps
Arsenic	75-2	375920	375982	373875	375259	0.32	cps
Barium	135-1	64840	65171	64612	64875	0.43	cps
Barium	137-1	114362	114251	112863	113825	0.73	cps
Beryllium	9-1	227	227	263	239	8.86	cps
Bismuth	209-1	9724386	9891361	9716894	9777547	1.01	cps
Bismuth	209-2	8478559	8458434	8513794	8483595	0.33	cps
Bromine	81-1	17944	17661	18165	17923	1.41	cps
Bromine	81-2	733	717	770	740	3.69	cps
Cadmium	108-1	380	307	370	352	11.29	cps
Cadmium	106-1	5581	5058	5164	5268	5.25	cps
Cadmium	111-1	3720	3738	3567	3675	2.56	cps
Calcium	43-1	155998	159292	157982	157758	1.05	cps
Calcium	44-1	2463454	2425969	2503775	2464399	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62509	63871	63730	63370	1.18	cps
Cobalt	59-2	147998	147755	146110	147288	0.70	cps
Copper	63-2	1253527	1250490	1246257	1250091	0.29	cps
Dysprosium	156-1	2840	2794	2624	2753	4.14	cps
Dysprosium	156-2	2264	2360	2307	2310	2.10	cps
Erbium	164-1	2717	2897	2837	2817	3.25	cps
Erbium	164-2	1997	1987	2167	2050	4.93	cps
Gadolinium	160-1	2817	2780	2947	2848	3.08	cps
Gadolinium	160-2	2704	2607	2847	2719	4.44	cps
Holmium	165-1	16191616	16167254	16037340	16132070	0.51	cps
Holmium	165-2	11696866	11842393	11766465	11768575	0.62	cps
Indium	115-1	13645623	13469597	13282691	13465970	1.35	cps
Indium	115-2	5116886	5103448	5101740	5107358	0.16	cps
Iron	56-2	80103222	80426520	79781252	80103665	0.40	cps
Iron	57-2	1968932	2018552	1970744	1986076	1.42	cps
Iron	54-2	4342277	4376841	4353763	4357627	0.40	cps
Krypton	83-1	253	257	163	224	23.59	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:19:13	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3215256	3294237	3195223	3234905	1.62	cps
Lead	207-1	2838139	2874689	2843580	2852136	0.69	cps
Lead	208-1	12923264	13086047	12852962	12954091	0.92	cps
Lithium	6-1	1957062	1920849	1918685	1932198	1.12	cps
Magnesium	24-2	293011	292539	290450	292000	0.47	cps
Manganese	55-2	283620	284559	282845	283675	0.30	cps
Molybdenum	94-1	162743	161048	159895	161229	0.89	cps
Molybdenum	95-1	256395	255500	253462	255119	0.59	cps
Molybdenum	96-1	278122	278010	276509	277547	0.32	cps
Molybdenum	97-1	161093	162083	158129	160435	1.28	cps
Molybdenum	98-1	411260	415041	413808	413369	0.47	cps
Neodymium	150-1	4371	4471	4281	4374	2.17	cps
Neodymium	150-2	2627	2710	2730	2689	2.04	cps
Nickel	60-2	15091	15632	15892	15538	2.63	cps
Phosphorus	31-2	1700	1540	1613	1618	4.95	cps
Potassium	39-2	270837	271979	268525	270447	0.65	cps
Rhodium	103-1	12508742	12345294	12402981	12419006	0.67	cps
Rhodium	103-2	7548456	7451449	7494154	7498019	0.65	cps
Scandium	45-1	7202565	7163536	7211913	7192671	0.36	cps
Scandium	45-2	642253	640057	635885	639398	0.51	cps
Selenium	82-1	225	235	305	255	17.10	cps
Selenium	77-2	7	7	13	9	43.25	cps
Selenium	78-2	500	507	387	464	14.52	cps
Silicon	28-1	5539592	5740972	5536180	5605582	2.09	cps
Silver	107-1	8469	8473	8906	8616	2.92	cps
Silver	109-1	7809	8159	8256	8075	2.91	cps
Sodium	23-2	833656	828036	827466	829719	0.41	cps
Strontium	86-1	92337	93088	92706	92710	0.40	cps
Strontium	88-1	796744	804354	801024	800707	0.48	cps
Sulfur	34-1	196720	196695	198523	197312	0.53	cps
Terbium	159-1	16676210	16439339	16423547	16513032	0.86	cps
Terbium	159-2	11651729	11685265	11715083	11684026	0.27	cps
Thallium	203-1	5054	5134	5084	5091	0.79	cps
Thallium	205-1	11862	11972	11382	11738	2.68	cps
Tin	118-1	494002	497539	496524	496022	0.37	cps
Titanium	47-1	108959	109442	110076	109492	0.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:19:13	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16597	17468	17175	17080	2.59	cps
Vanadium	51-2	19353	20437	19720	19836	2.78	cps
Yttrium	89-1	20448283	20299495	19822628	20190135	1.62	cps
Yttrium	89-2	5670797	5633841	5599069	5634569	0.64	cps
Zinc	66-2	1127007	1117372	1112689	1119023	0.65	cps
Zirconium	90-1	38270	38103	37261	37878	1.43	cps
Zirconium	91-1	8973	8769	8889	8877	1.15	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:22:27	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427167	427657	421877	425567	0.75	cps
Antimony	121-1	2841350	2826194	2870077	2845873	0.78	cps
Arsenic	75-2	382188	384073	379094	381785	0.66	cps
Barium	135-1	65932	66622	66233	66262	0.52	cps
Barium	137-1	114244	117084	116801	116043	1.35	cps
Beryllium	9-1	230	283	233	249	12.00	cps
Bismuth	209-1	10014630	9795126	9758143	9855966	1.41	cps
Bismuth	209-2	8378016	8493772	8325258	8399015	1.03	cps
Bromine	81-1	18235	17804	18014	18018	1.19	cps
Bromine	81-2	663	693	773	710	8.01	cps
Cadmium	108-1	370	377	387	378	2.22	cps
Cadmium	106-1	5328	5241	4928	5165	4.08	cps
Cadmium	111-1	3887	3720	3650	3753	3.25	cps
Calcium	43-1	158198	161050	161783	160344	1.18	cps
Calcium	44-1	2521295	2541638	2520039	2527657	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64182	65552	64263	64666	1.19	cps
Cobalt	59-2	150152	151115	148395	149887	0.92	cps
Copper	63-2	1275383	1274112	1270322	1273272	0.21	cps
Dysprosium	156-1	2570	2750	2810	2710	4.61	cps
Dysprosium	156-2	2524	2497	2507	2509	0.54	cps
Erbium	164-1	2704	2747	2804	2751	1.82	cps
Erbium	164-2	1937	2007	2064	2002	3.17	cps
Gadolinium	160-1	2764	2767	2610	2714	3.30	cps
Gadolinium	160-2	2714	2854	2850	2806	2.85	cps
Holmium	165-1	16328870	15839980	16039398	16069416	1.53	cps
Holmium	165-2	11845805	11727024	11719932	11764254	0.60	cps
Indium	115-1	13615161	13349344	13327530	13430678	1.19	cps
Indium	115-2	5136519	5127469	5066703	5110230	0.74	cps
Iron	56-2	81598269	82374594	81016770	81663211	0.83	cps
Iron	57-2	2012982	2053095	1989652	2018576	1.59	cps
Iron	54-2	4486724	4505649	4367880	4453418	1.68	cps
Krypton	83-1	190	213	167	190	12.28	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:22:27	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3307209	3243581	3249911	3266900	1.07	cps
Lead	207-1	2893280	2897876	2854074	2881743	0.84	cps
Lead	208-1	13283698	13096888	12948809	13109798	1.28	cps
Lithium	6-1	1963244	1919692	1878496	1920477	2.21	cps
Magnesium	24-2	297468	299811	294268	297182	0.94	cps
Manganese	55-2	289475	291744	287411	289543	0.75	cps
Molybdenum	94-1	161119	161972	162170	161753	0.35	cps
Molybdenum	95-1	258523	259946	261775	260081	0.63	cps
Molybdenum	96-1	283414	286697	285891	285334	0.60	cps
Molybdenum	97-1	160311	163465	163210	162329	1.08	cps
Molybdenum	98-1	417117	417437	422375	418976	0.70	cps
Neodymium	150-1	4314	4447	4554	4439	2.71	cps
Neodymium	150-2	2804	2760	2644	2736	3.03	cps
Nickel	60-2	16139	16216	16029	16128	0.58	cps
Phosphorus	31-2	1560	1557	1507	1541	1.94	cps
Potassium	39-2	273887	275850	272674	274137	0.58	cps
Rhodium	103-1	12590239	12274008	12203126	12355791	1.67	cps
Rhodium	103-2	7499926	7385866	7331056	7405616	1.16	cps
Scandium	45-1	7286383	7132832	7110465	7176560	1.33	cps
Scandium	45-2	645793	644879	631133	640602	1.28	cps
Selenium	82-1	339	237	297	291	17.68	cps
Selenium	77-2	20	20	13	18	21.66	cps
Selenium	78-2	500	567	497	521	7.58	cps
Silicon	28-1	5569190	5699950	5739839	5669660	1.57	cps
Silver	107-1	8503	8499	8656	8553	1.05	cps
Silver	109-1	8166	8226	8212	8201	0.38	cps
Sodium	23-2	846016	853234	839817	846355	0.79	cps
Strontium	86-1	93249	94058	94360	93889	0.61	cps
Strontium	88-1	813860	814175	812384	813473	0.12	cps
Sulfur	34-1	199896	200089	199400	199795	0.18	cps
Terbium	159-1	16842274	16473681	16223928	16513295	1.88	cps
Terbium	159-2	11624371	11711271	11515258	11616967	0.85	cps
Thallium	203-1	4814	4914	5194	4974	3.96	cps
Thallium	205-1	11662	11602	11558	11607	0.45	cps
Tin	118-1	498863	509796	502812	503824	1.10	cps
Titanium	47-1	112118	111081	112901	112033	0.81	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-07DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1D	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:22:27	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17432	17789	17011	17410	2.24	cps
Vanadium	51-2	20280	20668	19923	20290	1.83	cps
Yttrium	89-1	20195993	20118298	19839615	20051302	0.93	cps
Yttrium	89-2	5674971	5687067	5567459	5643165	1.17	cps
Zinc	66-2	1141784	1151976	1142933	1145565	0.49	cps
Zirconium	90-1	37865	38002	37926	37931	0.18	cps
Zirconium	91-1	9213	9133	9193	9180	0.45	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL3X50	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	50
Date & Time Acquired :	2024-12-28 00:25:37	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81575	81976	83039	82197	0.92	cps
Antimony	121-1	523611	525535	519900	523016	0.55	cps
Arsenic	75-2	73330	73300	73434	73354	0.10	cps
Barium	135-1	12709	12793	12539	12680	1.02	cps
Barium	137-1	22207	21723	22284	22072	1.38	cps
Beryllium	9-1	87	63	87	79	17.08	cps
Bismuth	209-1	9721202	9691108	9569711	9660674	0.83	cps
Bismuth	209-2	8234497	8350149	8388047	8324231	0.96	cps
Bromine	81-1	15732	15398	15171	15434	1.83	cps
Bromine	81-2	253	283	243	260	8.01	cps
Cadmium	108-1	80	83	77	80	4.16	cps
Cadmium	106-1	4938	5124	4667	4910	4.68	cps
Cadmium	111-1	1618	1563	1429	1537	6.32	cps
Calcium	43-1	31205	30915	30628	30916	0.93	cps
Calcium	44-1	502643	502060	501303	502002	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13780	14070	13993	13948	1.08	cps
Cobalt	59-2	29008	29108	28798	28971	0.55	cps
Copper	63-2	246054	244819	244949	245274	0.28	cps
Dysprosium	156-1	577	560	480	539	9.59	cps
Dysprosium	156-2	497	440	550	496	11.10	cps
Erbium	164-1	570	590	520	560	6.44	cps
Erbium	164-2	493	380	447	440	12.95	cps
Gadolinium	160-1	500	573	473	516	10.04	cps
Gadolinium	160-2	1103	953	1033	1030	7.29	cps
Holmium	165-1	15912839	15956684	15707741	15859088	0.84	cps
Holmium	165-2	11619356	11752072	11685428	11685619	0.57	cps
Indium	115-1	13219241	13040245	13190631	13150039	0.73	cps
Indium	115-2	5068968	4950943	5037602	5019171	1.22	cps
Iron	56-2	15726964	15672651	15716981	15705532	0.18	cps
Iron	57-2	390669	394413	391133	392072	0.52	cps
Iron	54-2	865051	865311	863569	864644	0.11	cps
Krypton	83-1	207	210	217	211	2.41	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL3X50	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	50
Date & Time Acquired :	2024-12-28 00:25:37	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	599680	598365	601410	599818	0.25	cps
Lead	207-1	516029	516673	515605	516102	0.10	cps
Lead	208-1	2374232	2370650	2358402	2367761	0.35	cps
Lithium	6-1	1898264	1859318	1895060	1884214	1.15	cps
Magnesium	24-2	57256	57243	57356	57285	0.11	cps
Manganese	55-2	56415	56164	56127	56236	0.28	cps
Molybdenum	94-1	30926	31644	30482	31017	1.89	cps
Molybdenum	95-1	49864	50125	49998	49996	0.26	cps
Molybdenum	96-1	55137	53698	54451	54429	1.32	cps
Molybdenum	97-1	31273	31033	31978	31428	1.56	cps
Molybdenum	98-1	80319	80906	80282	80502	0.43	cps
Neodymium	150-1	877	887	897	887	1.13	cps
Neodymium	150-2	527	510	567	534	5.45	cps
Nickel	60-2	3650	3510	3570	3577	1.96	cps
Phosphorus	31-2	407	427	393	409	4.10	cps
Potassium	39-2	98660	98254	99479	98798	0.63	cps
Rhodium	103-1	12152824	12313765	12148754	12205115	0.77	cps
Rhodium	103-2	7466696	7409762	7450168	7442209	0.39	cps
Scandium	45-1	7168988	7121873	7132229	7141030	0.35	cps
Scandium	45-2	635355	636208	636724	636096	0.11	cps
Selenium	82-1	199	157	139	165	18.48	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	527	493	553	524	5.73	cps
Silicon	28-1	1786595	1809046	1859094	1818245	2.04	cps
Silver	107-1	1647	1853	1733	1745	5.95	cps
Silver	109-1	1477	1630	1610	1572	5.30	cps
Sodium	23-2	180575	179945	179823	180114	0.22	cps
Strontium	86-1	18285	18465	18235	18328	0.66	cps
Strontium	88-1	156930	156354	154987	156090	0.64	cps
Sulfur	34-1	184884	186119	184267	185090	0.51	cps
Terbium	159-1	16475296	16052533	16277631	16268487	1.30	cps
Terbium	159-2	11462044	11455059	11364610	11427238	0.48	cps
Thallium	203-1	1147	1237	1220	1201	3.99	cps
Thallium	205-1	2644	2860	2854	2786	4.42	cps
Tin	118-1	97198	98494	97490	97727	0.70	cps
Titanium	47-1	21582	21752	21752	21696	0.45	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06LDL3X50	Instrumnet Name :	P7
Client Sample ID :	MJNKB1L	Dilution Factor :	50
Date & Time Acquired :	2024-12-28 00:25:37	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3344	3247	3214	3268	2.07	cps
Vanadium	51-2	3867	3917	3741	3842	2.37	cps
Yttrium	89-1	20090763	19920245	19752612	19921207	0.85	cps
Yttrium	89-2	5623522	5627190	5570850	5607187	0.56	cps
Zinc	66-2	220064	218184	221129	219792	0.68	cps
Zirconium	90-1	8016	7922	8212	8050	1.84	cps
Zirconium	91-1	1827	1877	1747	1817	3.61	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:28:59	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422371	414000	426580	420984	1.52	cps
Antimony	121-1	2672324	2742984	2720487	2711931	1.33	cps
Arsenic	75-2	382201	376012	379610	379274	0.82	cps
Barium	135-1	185369	189106	186262	186912	1.04	cps
Barium	137-1	323746	328247	324392	325461	0.75	cps
Beryllium	9-1	1640	1650	1633	1641	0.51	cps
Bismuth	209-1	9841724	9660909	9702367	9735000	0.97	cps
Bismuth	209-2	8417726	8384905	8324946	8375859	0.56	cps
Bromine	81-1	17611	17848	17567	17675	0.85	cps
Bromine	81-2	623	783	687	698	11.55	cps
Cadmium	108-1	2457	2644	2517	2539	3.75	cps
Cadmium	106-1	8299	8299	7829	8142	3.33	cps
Cadmium	111-1	35088	35742	35303	35377	0.94	cps
Calcium	43-1	153743	152352	153814	153303	0.54	cps
Calcium	44-1	2392280	2435938	2400804	2409674	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82628	82725	82377	82577	0.22	cps
Cobalt	59-2	225766	227532	222991	225429	1.02	cps
Copper	63-2	1243460	1247630	1254131	1248407	0.43	cps
Dysprosium	156-1	2740	2710	2734	2728	0.58	cps
Dysprosium	156-2	2414	2470	2454	2446	1.19	cps
Erbium	164-1	2594	2704	2737	2678	2.80	cps
Erbium	164-2	2000	2000	1893	1965	3.14	cps
Gadolinium	160-1	2620	2657	2594	2624	1.21	cps
Gadolinium	160-2	2767	2700	2510	2659	5.01	cps
Holmium	165-1	16020659	15910685	15841276	15924207	0.57	cps
Holmium	165-2	11750891	11765741	11729254	11748629	0.16	cps
Indium	115-1	13421059	13425493	13225497	13357350	0.86	cps
Indium	115-2	5223519	5136194	5172057	5177256	0.85	cps
Iron	56-2	78030619	77975721	77854782	77953707	0.12	cps
Iron	57-2	1939497	1936538	1926027	1934021	0.37	cps
Iron	54-2	4325102	4282018	4275720	4294280	0.63	cps
Krypton	83-1	280	210	200	230	18.95	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:28:59	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3271197	3230484	3318886	3273522	1.35	cps
Lead	207-1	2872523	2857600	2850590	2860238	0.39	cps
Lead	208-1	13063534	13002907	13157265	13074569	0.59	cps
Lithium	6-1	1928991	1944055	1912063	1928370	0.83	cps
Magnesium	24-2	285701	285416	286821	285979	0.26	cps
Manganese	55-2	320008	316934	316201	317714	0.64	cps
Molybdenum	94-1	154906	154541	156095	155181	0.52	cps
Molybdenum	95-1	247815	251377	248838	249343	0.74	cps
Molybdenum	96-1	270492	271715	271684	271297	0.26	cps
Molybdenum	97-1	155285	154742	156245	155424	0.49	cps
Molybdenum	98-1	402553	402897	403456	402969	0.11	cps
Neodymium	150-1	4091	4207	4514	4271	5.12	cps
Neodymium	150-2	2507	2607	2624	2579	2.45	cps
Nickel	60-2	35759	35883	37102	36248	2.05	cps
Phosphorus	31-2	1610	1517	1493	1540	4.01	cps
Potassium	39-2	264429	262902	265849	264393	0.56	cps
Rhodium	103-1	12218390	12170949	12217706	12202348	0.22	cps
Rhodium	103-2	7551824	7453098	7475573	7493499	0.69	cps
Scandium	45-1	7260919	7185370	7151540	7199277	0.78	cps
Scandium	45-2	646252	636243	640157	640884	0.79	cps
Selenium	82-1	4516	4723	4543	4594	2.45	cps
Selenium	77-2	513	457	510	493	6.45	cps
Selenium	78-2	2040	1987	2214	2080	5.70	cps
Silicon	28-1	5360797	5416671	5609932	5462467	2.39	cps
Silver	107-1	23576	24354	23906	23945	1.63	cps
Silver	109-1	22501	22494	22361	22452	0.35	cps
Sodium	23-2	814603	807070	812450	811374	0.48	cps
Strontium	86-1	89902	89617	89701	89740	0.16	cps
Strontium	88-1	769175	776292	773654	773040	0.47	cps
Sulfur	34-1	200808	202807	202003	201873	0.50	cps
Terbium	159-1	16630056	16571209	16473550	16558272	0.48	cps
Terbium	159-2	11666056	11723833	11425279	11605056	1.36	cps
Thallium	203-1	212228	213520	214171	213306	0.46	cps
Thallium	205-1	500421	502462	510472	504452	1.05	cps
Tin	118-1	476117	480920	481841	479626	0.64	cps
Titanium	47-1	106381	108190	105615	106729	1.24	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-08DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB1S	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:28:59	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16497	16928	16377	16601	1.74	cps
Vanadium	51-2	64929	64336	64340	64535	0.53	cps
Yttrium	89-1	19990018	19979519	19591385	19853640	1.14	cps
Yttrium	89-2	5724822	5676258	5572773	5657951	1.37	cps
Zinc	66-2	1106685	1104642	1105581	1105636	0.09	cps
Zirconium	90-1	36358	36886	36555	36600	0.73	cps
Zirconium	91-1	8613	8536	8583	8577	0.45	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:32:09	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1663057	1714043	1704592	1693898	1.60	cps
Antimony	121-1	4699072	4962220	4881760	4847684	2.78	cps
Arsenic	75-2	366166	366930	367142	366746	0.14	cps
Barium	135-1	151576	160507	158767	156950	3.02	cps
Barium	137-1	267190	277708	277835	274244	2.23	cps
Beryllium	9-1	610	593	583	596	2.26	cps
Bismuth	209-1	10993981	10086224	9897271	10325825	5.68	cps
Bismuth	209-2	8329587	8454708	8416102	8400132	0.76	cps
Bromine	81-1	23686	25115	24644	24482	2.97	cps
Bromine	81-2	2154	2067	2194	2138	3.03	cps
Cadmium	108-1	350	350	360	353	1.63	cps
Cadmium	106-1	6071	5721	5354	5716	6.27	cps
Cadmium	111-1	3531	3400	3326	3419	3.04	cps
Calcium	43-1	100165	106725	105527	104139	3.35	cps
Calcium	44-1	1578392	1659801	1638267	1625487	2.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115141	115864	114661	115222	0.53	cps
Cobalt	59-2	209035	207797	209951	208928	0.52	cps
Copper	63-2	1401795	1397728	1398146	1399223	0.16	cps
Dysprosium	156-1	11792	12739	12416	12316	3.91	cps
Dysprosium	156-2	10347	10707	10501	10518	1.72	cps
Erbium	164-1	11645	12599	12245	12163	3.97	cps
Erbium	164-2	8816	8846	9150	8937	2.06	cps
Gadolinium	160-1	12252	12843	12866	12654	2.75	cps
Gadolinium	160-2	10561	10160	10321	10347	1.95	cps
Holmium	165-1	18292454	16554271	16636261	17160995	5.71	cps
Holmium	165-2	11889879	11783717	11758020	11810539	0.59	cps
Indium	115-1	15370317	14027701	13797932	14398650	5.90	cps
Indium	115-2	5266680	5205231	5315534	5262481	1.05	cps
Iron	56-2	128628328	128664611	128518248	128603729	0.06	cps
Iron	57-2	3170228	3163788	3190009	3174675	0.43	cps
Iron	54-2	6986874	6930176	6977412	6964821	0.44	cps
Krypton	83-1	247	247	290	261	9.58	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:32:09	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4151522	4315124	4283206	4249950	2.04	cps
Lead	207-1	3633527	3793392	3757922	3728280	2.25	cps
Lead	208-1	16430880	17306214	17098640	16945245	2.70	cps
Lithium	6-1	2239033	1984843	1956826	2060234	7.55	cps
Magnesium	24-2	1926601	1905311	1912794	1914902	0.56	cps
Manganese	55-2	996855	995756	994015	995542	0.14	cps
Molybdenum	94-1	116372	121808	123014	120398	2.94	cps
Molybdenum	95-1	178820	186206	187441	184155	2.53	cps
Molybdenum	96-1	196139	206612	204799	202517	2.76	cps
Molybdenum	97-1	112590	118438	117840	116289	2.77	cps
Molybdenum	98-1	289381	303050	302754	298395	2.62	cps
Neodymium	150-1	17935	18209	18652	18265	1.98	cps
Neodymium	150-2	12035	11825	11508	11789	2.25	cps
Nickel	60-2	65593	64789	66088	65490	1.00	cps
Phosphorus	31-2	7272	7322	7122	7238	1.44	cps
Potassium	39-2	869281	875334	875115	873243	0.39	cps
Rhodium	103-1	14100091	12812411	12604626	13172376	6.15	cps
Rhodium	103-2	7593599	7607775	7597687	7599687	0.10	cps
Scandium	45-1	8377261	7419894	7343560	7713572	7.47	cps
Scandium	45-2	658200	658589	657616	658135	0.07	cps
Selenium	82-1	311	298	221	277	17.59	cps
Selenium	77-2	47	43	70	53	27.24	cps
Selenium	78-2	587	620	483	563	12.65	cps
Silicon	28-1	5624277	5455388	5532340	5537335	1.53	cps
Silver	107-1	13059	12759	12923	12914	1.16	cps
Silver	109-1	12432	12846	12465	12581	1.83	cps
Sodium	23-2	2817653	2866737	2821755	2835382	0.96	cps
Strontium	86-1	100873	105689	105229	103930	2.56	cps
Strontium	88-1	877036	925142	920261	907480	2.92	cps
Sulfur	34-1	207286	206624	206018	206643	0.31	cps
Terbium	159-1	18772963	17213833	16913683	17633493	5.66	cps
Terbium	159-2	11974468	11764974	11806414	11848619	0.94	cps
Thallium	203-1	4988	5184	5254	5142	2.69	cps
Thallium	205-1	12329	12469	12209	12336	1.06	cps
Tin	118-1	732065	769534	766325	755975	2.75	cps
Titanium	47-1	282545	295221	298057	291941	2.83	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB0	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:32:09	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22997	24075	23404	23492	2.32	cps
Vanadium	51-2	99760	100595	99887	100081	0.45	cps
Yttrium	89-1	23388658	20704942	20777779	21623793	7.07	cps
Yttrium	89-2	5796290	5788954	5816814	5800686	0.25	cps
Zinc	66-2	1220324	1226525	1219859	1222236	0.30	cps
Zirconium	90-1	39650	41178	41563	40797	2.48	cps
Zirconium	91-1	9240	9627	9613	9493	2.31	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:35:19	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1142025	1130528	1127901	1133485	0.66	cps
Antimony	121-1	7248474	7292666	7270716	7270619	0.30	cps
Arsenic	75-2	1069722	1069044	1067446	1068737	0.11	cps
Barium	135-1	186015	187697	190307	188006	1.15	cps
Barium	137-1	326887	328780	326151	327273	0.41	cps
Beryllium	9-1	570	647	667	628	8.13	cps
Bismuth	209-1	9848342	9997689	9814668	9886900	0.99	cps
Bismuth	209-2	8498060	8472752	8344363	8438392	0.98	cps
Bromine	81-1	20631	21419	20805	20952	1.98	cps
Bromine	81-2	1347	1383	1540	1423	7.22	cps
Cadmium	108-1	1000	950	1023	991	3.78	cps
Cadmium	106-1	5898	6035	6021	5985	1.26	cps
Cadmium	111-1	9252	9497	9134	9295	1.99	cps
Calcium	43-1	306299	309676	307500	307825	0.56	cps
Calcium	44-1	4780724	4783750	4795718	4786731	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181865	182368	180873	181702	0.42	cps
Cobalt	59-2	412167	414346	416304	414272	0.50	cps
Copper	63-2	3661828	3646686	3679792	3662769	0.45	cps
Dysprosium	156-1	7429	7465	7452	7449	0.25	cps
Dysprosium	156-2	6758	6658	6562	6659	1.48	cps
Erbium	164-1	7495	7589	7702	7595	1.36	cps
Erbium	164-2	5544	5611	5561	5572	0.62	cps
Gadolinium	160-1	7365	7812	7822	7667	3.40	cps
Gadolinium	160-2	6225	6291	6338	6285	0.91	cps
Holmium	165-1	16174002	16328813	16186736	16229850	0.53	cps
Holmium	165-2	11776339	11856690	11758039	11797023	0.44	cps
Indium	115-1	13978949	13837795	13721499	13846081	0.93	cps
Indium	115-2	5224458	5317702	5192743	5244968	1.24	cps
Iron	56-2	226380537	226955303	226509150	226614997	0.13	cps
Iron	57-2	5641287	5606202	5655731	5634407	0.45	cps
Iron	54-2	12388904	12420684	12218762	12342783	0.88	cps
Krypton	83-1	190	213	247	217	13.15	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:35:19	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9236949	9319188	9339785	9298641	0.59	cps
Lead	207-1	8045414	8096016	8201313	8114248	0.98	cps
Lead	208-1	36800521	36908631	37259185	36989446	0.65	cps
Lithium	6-1	1920881	1929709	1932163	1927584	0.31	cps
Magnesium	24-2	754657	753073	754218	753983	0.11	cps
Manganese	55-2	748902	752586	747231	749573	0.37	cps
Molybdenum	94-1	434703	439460	434685	436283	0.63	cps
Molybdenum	95-1	710961	716149	715369	714160	0.39	cps
Molybdenum	96-1	772974	778218	777174	776122	0.36	cps
Molybdenum	97-1	446770	454124	445162	448685	1.06	cps
Molybdenum	98-1	1148818	1166831	1151511	1155720	0.84	cps
Neodymium	150-1	11515	11932	11982	11809	2.17	cps
Neodymium	150-2	7485	7332	7175	7331	2.12	cps
Nickel	60-2	40504	41390	40772	40889	1.11	cps
Phosphorus	31-2	2984	2860	2887	2910	2.23	cps
Potassium	39-2	641169	639275	638638	639694	0.21	cps
Rhodium	103-1	12247831	12500163	12299817	12349270	1.08	cps
Rhodium	103-2	7456537	7549859	7491943	7499446	0.63	cps
Scandium	45-1	7287742	7192966	7208549	7229752	0.70	cps
Scandium	45-2	640530	635982	638226	638246	0.36	cps
Selenium	82-1	360	390	374	374	3.99	cps
Selenium	77-2	37	67	40	48	34.42	cps
Selenium	78-2	630	620	503	584	12.05	cps
Silicon	28-1	17005459	16693957	16785121	16828179	0.95	cps
Silver	107-1	23195	23779	23933	23636	1.65	cps
Silver	109-1	22120	22584	22721	22475	1.40	cps
Sodium	23-2	2296396	2256689	2271194	2274760	0.88	cps
Strontium	86-1	270098	271755	270519	270791	0.32	cps
Strontium	88-1	2386495	2417932	2428869	2411099	0.91	cps
Sulfur	34-1	224759	226389	226023	225724	0.38	cps
Terbium	159-1	16449628	16540997	16483446	16491357	0.28	cps
Terbium	159-2	11758739	11577391	11754627	11696919	0.89	cps
Thallium	203-1	12923	13136	13187	13082	1.07	cps
Thallium	205-1	31075	31263	31293	31210	0.38	cps
Tin	118-1	1394402	1406609	1403375	1401462	0.45	cps
Titanium	47-1	309080	313528	313335	311981	0.81	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:35:19	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	64730	65922	66043	65565	1.11	cps
Vanadium	51-2	54695	54745	54789	54743	0.09	cps
Yttrium	89-1	20161416	20093666	20240253	20165112	0.36	cps
Yttrium	89-2	5634998	5682274	5674922	5664065	0.45	cps
Zinc	66-2	3291435	3254618	3305508	3283854	0.80	cps
Zirconium	90-1	73308	75010	74142	74154	1.15	cps
Zirconium	91-1	17604	18141	18108	17951	1.68	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DL2X20	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	20
Date & Time Acquired :	2024-12-28 00:38:26	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289322	287660	287629	288204	0.34	cps
Antimony	121-1	1894769	1872366	1874395	1880510	0.66	cps
Arsenic	75-2	272486	272041	270130	271552	0.46	cps
Barium	135-1	47944	46305	47492	47247	1.79	cps
Barium	137-1	81988	83081	82923	82664	0.71	cps
Beryllium	9-1	147	157	193	166	14.84	cps
Bismuth	209-1	9863556	9768695	9884222	9838824	0.63	cps
Bismuth	209-2	7900339	8221822	8260324	8127495	2.43	cps
Bromine	81-1	17173	17080	17197	17150	0.36	cps
Bromine	81-2	547	383	413	448	19.42	cps
Cadmium	108-1	283	253	270	269	5.59	cps
Cadmium	106-1	5131	4918	4811	4953	3.29	cps
Cadmium	111-1	3077	3158	2884	3040	4.63	cps
Calcium	43-1	77590	78331	77946	77955	0.48	cps
Calcium	44-1	1210379	1218678	1225106	1218054	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48006	47173	47588	47589	0.87	cps
Cobalt	59-2	105397	105336	105078	105270	0.16	cps
Copper	63-2	913924	910135	911293	911784	0.21	cps
Dysprosium	156-1	1657	1937	1823	1806	7.80	cps
Dysprosium	156-2	1647	1680	1767	1698	3.65	cps
Erbium	164-1	1990	1917	2020	1976	2.69	cps
Erbium	164-2	1397	1590	1473	1487	6.55	cps
Gadolinium	160-1	1857	2007	1910	1925	3.95	cps
Gadolinium	160-2	1960	1947	2110	2006	4.52	cps
Holmium	165-1	16301400	15920140	16109321	16110287	1.18	cps
Holmium	165-2	11078310	11527376	11505245	11370310	2.23	cps
Indium	115-1	13492288	13179251	13276009	13315849	1.20	cps
Indium	115-2	4821041	5072995	5073161	4989066	2.92	cps
Iron	56-2	57546159	57146031	57755397	57482529	0.54	cps
Iron	57-2	1425177	1430403	1412894	1422825	0.63	cps
Iron	54-2	3146703	3134958	3152803	3144821	0.29	cps
Krypton	83-1	167	207	207	193	11.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DL2X20	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	20
Date & Time Acquired :	2024-12-28 00:38:26	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2334904	2343969	2364313	2347729	0.64	cps
Lead	207-1	2036739	2049770	2056888	2047799	0.50	cps
Lead	208-1	9366642	9381781	9432660	9393694	0.37	cps
Lithium	6-1	1929581	1901017	1978115	1936238	2.01	cps
Magnesium	24-2	193254	192272	190476	192001	0.73	cps
Manganese	55-2	189867	190620	188345	189611	0.61	cps
Molybdenum	94-1	108276	109525	111171	109657	1.32	cps
Molybdenum	95-1	179479	181945	180792	180739	0.68	cps
Molybdenum	96-1	194046	196555	195481	195361	0.64	cps
Molybdenum	97-1	111951	112451	113956	112786	0.93	cps
Molybdenum	98-1	290966	291388	288907	290420	0.46	cps
Neodymium	150-1	2964	3147	2857	2989	4.91	cps
Neodymium	150-2	1900	1837	1973	1903	3.59	cps
Nickel	60-2	10924	10744	10967	10878	1.09	cps
Phosphorus	31-2	940	893	850	894	5.03	cps
Potassium	39-2	204561	204967	203491	204340	0.37	cps
Rhodium	103-1	12427404	12223303	12318274	12322994	0.83	cps
Rhodium	103-2	7130376	7415885	7470293	7338851	2.49	cps
Scandium	45-1	7198263	7086151	7174341	7152918	0.83	cps
Scandium	45-2	600612	630396	629731	620247	2.74	cps
Selenium	82-1	262	267	200	243	15.34	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	453	440	490	461	5.61	cps
Silicon	28-1	4770376	4801333	4840129	4803946	0.73	cps
Silver	107-1	5791	6331	6138	6087	4.50	cps
Silver	109-1	5758	5638	5888	5761	2.17	cps
Sodium	23-2	565508	563182	564479	564390	0.21	cps
Strontium	86-1	69804	68930	68163	68966	1.19	cps
Strontium	88-1	596308	592123	594350	594260	0.35	cps
Sulfur	34-1	188878	189827	190345	189683	0.39	cps
Terbium	159-1	16383477	16509546	16513094	16468706	0.45	cps
Terbium	159-2	10998552	11467752	11493814	11320040	2.46	cps
Thallium	203-1	3424	3500	3540	3488	1.70	cps
Thallium	205-1	8136	8369	7982	8163	2.39	cps
Tin	118-1	354825	358706	352926	355486	0.83	cps
Titanium	47-1	78730	79293	78623	78882	0.46	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-09DL2X20	Instrumnet Name :	P7
Client Sample ID :	MJNKB2	Dilution Factor :	20
Date & Time Acquired :	2024-12-28 00:38:26	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16500	16954	16824	16760	1.39	cps
Vanadium	51-2	13926	13896	13977	13933	0.29	cps
Yttrium	89-1	20231972	19813353	20082254	20042526	1.06	cps
Yttrium	89-2	5385985	5527046	5542093	5485042	1.57	cps
Zinc	66-2	818935	821368	812535	817612	0.56	cps
Zirconium	90-1	18265	18792	19303	18787	2.76	cps
Zirconium	91-1	4407	4391	4754	4517	4.54	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:41:40	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2791431	2700150	2741957	2744513	1.66	cps
Antimony	121-1	14955719	15281402	15312424	15183182	1.30	cps
Arsenic	75-2	1721172	1701643	1722339	1715051	0.68	cps
Barium	135-1	1021370	1036147	1030748	1029422	0.73	cps
Barium	137-1	1828016	1867050	1853941	1849669	1.07	cps
Beryllium	9-1	937	1083	1020	1013	7.26	cps
Bismuth	209-1	10624193	10071947	9985035	10227058	3.39	cps
Bismuth	209-2	8405738	8433896	8466238	8435291	0.36	cps
Bromine	81-1	28501	30258	30461	29740	3.62	cps
Bromine	81-2	3330	3447	3330	3369	2.00	cps
Cadmium	108-1	1493	1490	1540	1508	1.85	cps
Cadmium	106-1	7739	7232	6905	7292	5.76	cps
Cadmium	111-1	10800	11050	10444	10765	2.83	cps
Calcium	43-1	1209509	1199231	1220577	1209772	0.88	cps
Calcium	44-1	19132758	19317574	19242443	19230925	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125322	126303	126091	125905	0.41	cps
Cobalt	59-2	573023	569552	570473	571016	0.31	cps
Copper	63-2	6830173	6935414	6877305	6880964	0.77	cps
Dysprosium	156-1	13343	12846	13166	13118	1.92	cps
Dysprosium	156-2	11328	11348	11261	11312	0.40	cps
Erbium	164-1	14297	14641	14428	14455	1.20	cps
Erbium	164-2	10404	10574	10371	10450	1.04	cps
Gadolinium	160-1	13383	13590	13406	13460	0.84	cps
Gadolinium	160-2	10834	11391	10934	11053	2.69	cps
Holmium	165-1	17500043	16342900	16316803	16719916	4.04	cps
Holmium	165-2	11817973	11771707	11728739	11772807	0.38	cps
Indium	115-1	16249844	15436309	15547961	15744705	2.80	cps
Indium	115-2	5883869	5795786	5894712	5858123	0.93	cps
Iron	56-2	356180328	357237901	357555195	356991141	0.20	cps
Iron	57-2	8816068	8712733	8757354	8762052	0.59	cps
Iron	54-2	19451616	19337138	19406843	19398532	0.30	cps
Krypton	83-1	273	223	247	248	10.10	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:41:40	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22290421	22722009	22865516	22625982	1.32	cps
Lead	207-1	19858258	20141533	20148102	20049298	0.83	cps
Lead	208-1	89905239	91720886	91443363	91023163	1.07	cps
Lithium	6-1	2100233	1999007	1948652	2015964	3.83	cps
Magnesium	24-2	2216205	2199119	2204675	2206666	0.39	cps
Manganese	55-2	2876834	2884448	2895545	2885609	0.33	cps
Molybdenum	94-1	271362	277887	277982	275744	1.38	cps
Molybdenum	95-1	363922	370473	370106	368167	1.00	cps
Molybdenum	96-1	404428	414292	414440	411053	1.40	cps
Molybdenum	97-1	226738	233233	232182	230718	1.51	cps
Molybdenum	98-1	589728	598761	603730	597406	1.19	cps
Neodymium	150-1	19360	19497	19644	19500	0.73	cps
Neodymium	150-2	12379	12082	12035	12165	1.53	cps
Nickel	60-2	83055	82784	83360	83066	0.35	cps
Phosphorus	31-2	8549	8442	8786	8592	2.05	cps
Potassium	39-2	1454699	1439038	1446177	1446638	0.54	cps
Rhodium	103-1	13075095	12424421	12374716	12624744	3.10	cps
Rhodium	103-2	7457660	7371532	7445361	7424851	0.63	cps
Scandium	45-1	7907792	7385756	7285949	7526499	4.44	cps
Scandium	45-2	646172	641505	641414	643030	0.42	cps
Selenium	82-1	539	651	599	596	9.40	cps
Selenium	77-2	67	80	60	69	14.78	cps
Selenium	78-2	650	610	633	631	3.18	cps
Silicon	28-1	12982088	13587667	13223757	13264504	2.30	cps
Silver	107-1	52675	54120	54003	53600	1.50	cps
Silver	109-1	51364	51642	51498	51501	0.27	cps
Sodium	23-2	6132289	6025122	6057430	6071614	0.91	cps
Strontium	86-1	873359	885952	895538	884950	1.26	cps
Strontium	88-1	7765701	7916542	7950041	7877428	1.25	cps
Sulfur	34-1	266878	269467	271149	269165	0.80	cps
Terbium	159-1	17826038	16775897	16570421	17057452	3.95	cps
Terbium	159-2	11704736	11569655	11508311	11594234	0.87	cps
Thallium	203-1	7939	8333	8089	8120	2.45	cps
Thallium	205-1	19598	19571	19644	19604	0.19	cps
Tin	118-1	4104811	4221785	4218937	4181844	1.60	cps
Titanium	47-1	495750	506520	503950	502073	1.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:41:40	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72828	75211	76257	74766	2.35	cps
Vanadium	51-2	119720	119942	119747	119803	0.10	cps
Yttrium	89-1	21828932	20714185	20578781	21040633	3.26	cps
Yttrium	89-2	5787992	5688843	5762904	5746580	0.90	cps
Zinc	66-2	7694076	7800878	7828680	7774545	0.91	cps
Zirconium	90-1	179424	184252	183565	182414	1.43	cps
Zirconium	91-1	42097	43066	43234	42799	1.43	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:44:41	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1075929	1079817	1076630	1077459	0.19	cps
Antimony	121-1	6182365	6242004	6233442	6219270	0.52	cps
Arsenic	75-2	689681	692780	692728	691729	0.26	cps
Barium	135-1	416647	420096	419776	418840	0.46	cps
Barium	137-1	723225	721643	724806	723225	0.22	cps
Beryllium	9-1	390	433	513	446	14.04	cps
Bismuth	209-1	9810215	9782098	9918978	9837097	0.73	cps
Bismuth	209-2	8341033	8347402	8499371	8395935	1.07	cps
Bromine	81-1	21606	21870	21706	21727	0.61	cps
Bromine	81-2	1380	1397	1563	1447	7.01	cps
Cadmium	108-1	623	593	637	618	3.59	cps
Cadmium	106-1	6118	5775	5761	5885	3.44	cps
Cadmium	111-1	4945	4987	4827	4919	1.69	cps
Calcium	43-1	499011	503783	499059	500617	0.55	cps
Calcium	44-1	7883269	7844649	7914067	7880662	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53230	53367	52514	53037	0.86	cps
Cobalt	59-2	229555	231106	232777	231146	0.70	cps
Copper	63-2	2814080	2826905	2854766	2831917	0.73	cps
Dysprosium	156-1	5574	5488	5328	5463	2.29	cps
Dysprosium	156-2	4547	4667	4687	4634	1.63	cps
Erbium	164-1	5851	5985	6111	5982	2.17	cps
Erbium	164-2	4477	4407	4277	4387	2.31	cps
Gadolinium	160-1	5688	5675	5621	5661	0.62	cps
Gadolinium	160-2	4824	4824	5044	4898	2.59	cps
Holmium	165-1	16044412	16179359	16145408	16123060	0.44	cps
Holmium	165-2	11740826	11572213	11835949	11716329	1.14	cps
Indium	115-1	14276735	14120304	13977187	14124742	1.06	cps
Indium	115-2	5247322	5368488	5288675	5301495	1.16	cps
Iron	56-2	144334288	145304885	145138568	144925913	0.36	cps
Iron	57-2	3583418	3574585	3589873	3582626	0.21	cps
Iron	54-2	7888412	7924482	7823407	7878767	0.65	cps
Krypton	83-1	187	200	200	196	3.94	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:44:41	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9344214	9334605	9363473	9347430	0.16	cps
Lead	207-1	8253111	8264025	8257099	8258078	0.07	cps
Lead	208-1	37564263	37417799	37406110	37462724	0.24	cps
Lithium	6-1	1931209	1878486	1955830	1921842	2.06	cps
Magnesium	24-2	844483	847258	846503	846081	0.17	cps
Manganese	55-2	1134135	1146156	1138100	1139464	0.54	cps
Molybdenum	94-1	112249	114191	112763	113068	0.89	cps
Molybdenum	95-1	149346	152239	151363	150982	0.98	cps
Molybdenum	96-1	166836	167379	169887	168034	0.97	cps
Molybdenum	97-1	95258	95284	95674	95405	0.24	cps
Molybdenum	98-1	244073	241360	241237	242223	0.66	cps
Neodymium	150-1	8109	7949	7729	7929	2.41	cps
Neodymium	150-2	4708	4914	5144	4922	4.44	cps
Nickel	60-2	34316	34516	34302	34378	0.35	cps
Phosphorus	31-2	3284	3567	3460	3437	4.16	cps
Potassium	39-2	624120	628227	630157	627501	0.49	cps
Rhodium	103-1	12266148	12305922	12223917	12265329	0.33	cps
Rhodium	103-2	7373356	7445536	7377655	7398849	0.55	cps
Scandium	45-1	7199034	7239226	7241832	7226697	0.33	cps
Scandium	45-2	636390	635037	637972	636466	0.23	cps
Selenium	82-1	400	349	356	368	7.56	cps
Selenium	77-2	27	33	40	33	20.00	cps
Selenium	78-2	513	553	560	542	4.65	cps
Silicon	28-1	5765623	6212019	6512975	6163539	6.10	cps
Silver	107-1	21579	22678	22104	22120	2.48	cps
Silver	109-1	20611	21389	21092	21031	1.87	cps
Sodium	23-2	2491414	2473404	2492415	2485744	0.43	cps
Strontium	86-1	360837	365339	357828	361335	1.05	cps
Strontium	88-1	3243564	3259047	3254467	3252359	0.24	cps
Sulfur	34-1	223459	222250	220947	222219	0.57	cps
Terbium	159-1	16483371	16464236	16403136	16450248	0.25	cps
Terbium	159-2	11469367	11521286	11549000	11513217	0.35	cps
Thallium	203-1	3344	3377	3437	3386	1.40	cps
Thallium	205-1	8256	8016	7906	8059	2.22	cps
Tin	118-1	1697993	1745919	1730575	1724829	1.42	cps
Titanium	47-1	203956	205090	205408	204818	0.37	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:44:41	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30007	30685	30582	30425	1.20	cps
Vanadium	51-2	48407	49190	48788	48795	0.80	cps
Yttrium	89-1	20270754	20335571	20187369	20264565	0.37	cps
Yttrium	89-2	5619218	5645252	5649621	5638030	0.29	cps
Zinc	66-2	3188280	3210025	3263788	3220698	1.21	cps
Zirconium	90-1	73010	74521	72863	73465	1.25	cps
Zirconium	91-1	16793	17778	17414	17328	2.87	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:47:51	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	534966	539973	538652	537863	0.48	cps
Antimony	121-1	3013928	3120692	3080817	3071813	1.76	cps
Arsenic	75-2	340641	345134	343559	343111	0.66	cps
Barium	135-1	201713	208038	207375	205708	1.69	cps
Barium	137-1	351274	362918	360759	358317	1.73	cps
Beryllium	9-1	263	277	250	263	5.06	cps
Bismuth	209-1	9974276	9754105	9752378	9826920	1.30	cps
Bismuth	209-2	8261781	8267942	8453106	8327610	1.31	cps
Bromine	81-1	17911	18398	18358	18222	1.48	cps
Bromine	81-2	870	810	740	807	8.07	cps
Cadmium	108-1	287	317	260	288	9.85	cps
Cadmium	106-1	5461	5238	5084	5261	3.60	cps
Cadmium	111-1	3100	2847	2921	2956	4.39	cps
Calcium	43-1	240401	248276	250039	246239	2.08	cps
Calcium	44-1	3804136	3949402	3874797	3876112	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27078	28287	27428	27597	2.25	cps
Cobalt	59-2	115218	115822	115285	115442	0.29	cps
Copper	63-2	1371748	1367015	1369588	1369450	0.17	cps
Dysprosium	156-1	2720	2674	2634	2676	1.62	cps
Dysprosium	156-2	2074	2317	2257	2216	5.72	cps
Erbium	164-1	2964	3064	2947	2991	2.11	cps
Erbium	164-2	2007	2220	2200	2142	5.50	cps
Gadolinium	160-1	2607	2734	2944	2761	6.16	cps
Gadolinium	160-2	2824	2550	2617	2664	5.35	cps
Holmium	165-1	16449348	16239293	15972106	16220249	1.47	cps
Holmium	165-2	11747383	11507894	11700889	11652055	1.09	cps
Indium	115-1	14145650	13588204	13680672	13804842	2.16	cps
Indium	115-2	5160016	5160649	5196801	5172489	0.41	cps
Iron	56-2	71958592	71801361	72486486	72082146	0.50	cps
Iron	57-2	1812911	1805847	1766173	1794977	1.40	cps
Iron	54-2	3916130	3912723	3920360	3916404	0.10	cps
Krypton	83-1	137	200	220	186	23.44	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:47:51	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4448897	4632804	4545948	4542550	2.03	cps
Lead	207-1	3859462	4154428	4035090	4016327	3.69	cps
Lead	208-1	17708284	18593113	18329495	18210297	2.49	cps
Lithium	6-1	2016589	1934595	1942491	1964558	2.30	cps
Magnesium	24-2	423741	421781	422263	422595	0.24	cps
Manganese	55-2	565952	567724	568883	567519	0.26	cps
Molybdenum	94-1	54417	55939	55802	55386	1.52	cps
Molybdenum	95-1	72773	75054	74783	74203	1.68	cps
Molybdenum	96-1	81328	82789	83299	82472	1.24	cps
Molybdenum	97-1	45206	46718	46624	46183	1.83	cps
Molybdenum	98-1	118443	120334	119541	119439	0.80	cps
Neodymium	150-1	3797	3974	4101	3957	3.85	cps
Neodymium	150-2	2480	2487	2464	2477	0.49	cps
Nickel	60-2	17510	17297	17634	17480	0.98	cps
Phosphorus	31-2	1643	1707	1957	1769	9.37	cps
Potassium	39-2	340089	341573	339651	340437	0.30	cps
Rhodium	103-1	12568869	12392472	12441475	12467605	0.73	cps
Rhodium	103-2	7413955	7465187	7458993	7446045	0.38	cps
Scandium	45-1	7500727	7173963	7074716	7249802	3.07	cps
Scandium	45-2	633257	639262	637105	636541	0.48	cps
Selenium	82-1	317	283	215	272	19.09	cps
Selenium	77-2	17	13	10	13	25.01	cps
Selenium	78-2	463	517	513	498	6.00	cps
Silicon	28-1	3462747	3371849	3307842	3380813	2.30	cps
Silver	107-1	10924	11008	11244	11059	1.50	cps
Silver	109-1	10114	10244	10300	10219	0.94	cps
Sodium	23-2	1254952	1239415	1230949	1241772	0.98	cps
Strontium	86-1	173895	178042	180441	177459	1.87	cps
Strontium	88-1	1559448	1615377	1604363	1593062	1.86	cps
Sulfur	34-1	204144	206005	206323	205491	0.57	cps
Terbium	159-1	17159605	16765833	16511968	16812469	1.94	cps
Terbium	159-2	11510939	11401319	11499391	11470550	0.53	cps
Thallium	203-1	1723	1907	1713	1781	6.11	cps
Thallium	205-1	3974	4134	4177	4095	2.62	cps
Tin	118-1	798731	823379	818776	813629	1.61	cps
Titanium	47-1	98891	100514	101595	100333	1.36	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB4	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 00:47:51	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14949	14948	15799	15232	3.23	cps
Vanadium	51-2	24416	24800	24069	24429	1.50	cps
Yttrium	89-1	20931735	20347308	20185560	20488201	1.92	cps
Yttrium	89-2	5596688	5584592	5637329	5606203	0.49	cps
Zinc	66-2	1586900	1576715	1578458	1580691	0.34	cps
Zirconium	90-1	35590	36946	35874	36137	1.98	cps
Zirconium	91-1	8529	8683	8793	8668	1.53	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:50:59	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2807759	2804750	2858227	2823579	1.06	cps
Antimony	121-1	8786014	8971562	8816398	8857991	1.12	cps
Arsenic	75-2	1011289	1002067	999583	1004313	0.61	cps
Barium	135-1	474641	484195	479611	479482	1.00	cps
Barium	137-1	830984	837375	839214	835858	0.52	cps
Beryllium	9-1	597	507	550	551	8.17	cps
Bismuth	209-1	10099293	9970509	9893234	9987679	1.04	cps
Bismuth	209-2	8443324	8518393	8449714	8470477	0.49	cps
Bromine	81-1	29673	30488	30879	30347	2.03	cps
Bromine	81-2	3440	3240	3724	3468	7.00	cps
Cadmium	108-1	937	1053	980	990	5.96	cps
Cadmium	106-1	6542	6161	6368	6357	2.99	cps
Cadmium	111-1	8446	8218	8682	8449	2.74	cps
Calcium	43-1	318274	321121	321931	320442	0.60	cps
Calcium	44-1	4936985	4973051	5021585	4977207	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144108	141722	143347	143059	0.85	cps
Cobalt	59-2	553704	556495	555365	555188	0.25	cps
Copper	63-2	3277681	3279685	3279284	3278883	0.03	cps
Dysprosium	156-1	17741	17711	18205	17886	1.55	cps
Dysprosium	156-2	15031	14995	15198	15075	0.72	cps
Erbium	164-1	17404	18145	17995	17848	2.19	cps
Erbium	164-2	12669	12906	13053	12876	1.50	cps
Gadolinium	160-1	18158	18052	17251	17820	2.78	cps
Gadolinium	160-2	13994	14284	14117	14132	1.03	cps
Holmium	165-1	16468869	16410384	16161325	16346859	1.00	cps
Holmium	165-2	11936602	12032889	11836026	11935173	0.82	cps
Indium	115-1	14406762	14240263	14004000	14217008	1.42	cps
Indium	115-2	5391811	5364440	5353358	5369870	0.37	cps
Iron	56-2	262593109	260245563	260103869	260980847	0.54	cps
Iron	57-2	6427491	6384142	6355069	6388901	0.57	cps
Iron	54-2	14321746	14153232	14135509	14203496	0.72	cps
Krypton	83-1	147	260	273	227	30.71	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:50:59	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11375314	11523939	11390772	11430008	0.71	cps
Lead	207-1	10028927	10065110	9972679	10022239	0.46	cps
Lead	208-1	45341551	46060784	45622765	45675033	0.79	cps
Lithium	6-1	2041263	1990158	1988283	2006568	1.50	cps
Magnesium	24-2	2571928	2538628	2582898	2564485	0.90	cps
Manganese	55-2	2952362	2894957	2875131	2907483	1.38	cps
Molybdenum	94-1	102203	103113	103183	102833	0.53	cps
Molybdenum	95-1	126709	126662	127604	126992	0.42	cps
Molybdenum	96-1	145643	145963	145249	145618	0.25	cps
Molybdenum	97-1	78680	80268	80500	79816	1.24	cps
Molybdenum	98-1	204150	208101	207713	206655	1.05	cps
Neodymium	150-1	25587	26244	25790	25874	1.30	cps
Neodymium	150-2	16530	16433	16189	16384	1.07	cps
Nickel	60-2	76738	76125	76591	76485	0.42	cps
Phosphorus	31-2	8856	8853	9089	8933	1.52	cps
Potassium	39-2	1590861	1575434	1573090	1579795	0.61	cps
Rhodium	103-1	12551079	12376067	12328906	12418684	0.94	cps
Rhodium	103-2	7606477	7552824	7512418	7557240	0.62	cps
Scandium	45-1	7474591	7284813	7287616	7349007	1.48	cps
Scandium	45-2	658739	645862	649163	651254	1.03	cps
Selenium	82-1	531	415	434	460	13.50	cps
Selenium	77-2	60	63	80	68	15.81	cps
Selenium	78-2	587	643	697	642	8.57	cps
Silicon	28-1	17512675	17178016	17141539	17277410	1.18	cps
Silver	107-1	32196	32109	32022	32109	0.27	cps
Silver	109-1	30155	30622	30412	30396	0.77	cps
Sodium	23-2	5427113	5436576	5479982	5447890	0.52	cps
Strontium	86-1	266805	269437	267510	267917	0.51	cps
Strontium	88-1	2380389	2428819	2395671	2401626	1.03	cps
Sulfur	34-1	252035	250124	251460	251207	0.39	cps
Terbium	159-1	16904013	16878889	16504438	16762447	1.34	cps
Terbium	159-2	11681209	11670638	11705957	11685935	0.16	cps
Thallium	203-1	7012	7325	7459	7265	3.16	cps
Thallium	205-1	17111	17505	17288	17301	1.14	cps
Tin	118-1	1671874	1709587	1687615	1689692	1.12	cps
Titanium	47-1	471155	473360	481238	475251	1.12	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 00:50:59	DataFile Name :	164SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59004	59603	60440	59682	1.21	cps
Vanadium	51-2	147802	145940	145406	146383	0.86	cps
Yttrium	89-1	20996274	20711104	20582497	20763292	1.02	cps
Yttrium	89-2	5798963	5821444	5751508	5790639	0.62	cps
Zinc	66-2	4657002	4552247	4612840	4607363	1.14	cps
Zirconium	90-1	82571	83227	84301	83366	1.05	cps
Zirconium	91-1	20020	19880	20201	20034	0.80	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:54:07	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1074053	1073652	1072177	1073294	0.09	cps
Antimony	121-1	3464975	3587933	3487107	3513338	1.87	cps
Arsenic	75-2	397318	394371	393197	394962	0.54	cps
Barium	135-1	189399	190335	189730	189822	0.25	cps
Barium	137-1	328134	333227	331467	330943	0.78	cps
Beryllium	9-1	210	243	260	238	10.71	cps
Bismuth	209-1	9827135	9845824	9804367	9825775	0.21	cps
Bismuth	209-2	8503908	8297911	8344426	8382081	1.29	cps
Bromine	81-1	20721	20975	21289	20995	1.35	cps
Bromine	81-2	1537	1450	1373	1453	5.62	cps
Cadmium	108-1	343	423	433	400	12.33	cps
Cadmium	106-1	5211	5181	4951	5114	2.78	cps
Cadmium	111-1	3972	4015	3865	3951	1.95	cps
Calcium	43-1	126667	126743	127651	127020	0.43	cps
Calcium	44-1	2006397	2011490	1991336	2003074	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57680	56381	57349	57137	1.18	cps
Cobalt	59-2	217688	218304	218203	218065	0.15	cps
Copper	63-2	1252107	1254217	1251879	1252734	0.10	cps
Dysprosium	156-1	6852	7085	6872	6936	1.87	cps
Dysprosium	156-2	5908	6031	5791	5910	2.03	cps
Erbium	164-1	6625	7122	7079	6942	3.96	cps
Erbium	164-2	5258	5408	5271	5312	1.56	cps
Gadolinium	160-1	6622	7239	7235	7032	5.05	cps
Gadolinium	160-2	6061	5868	5811	5914	2.22	cps
Holmium	165-1	16252256	16332778	16039417	16208150	0.94	cps
Holmium	165-2	11745381	11626790	11814409	11728860	0.81	cps
Indium	115-1	13516972	13715266	13535079	13589106	0.81	cps
Indium	115-2	5179835	5131675	5114988	5142166	0.65	cps
Iron	56-2	101956402	101438825	102403262	101932830	0.47	cps
Iron	57-2	2571926	2504594	2501374	2525965	1.58	cps
Iron	54-2	5557659	5571746	5543830	5557745	0.25	cps
Krypton	83-1	210	213	177	200	10.14	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:54:07	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4492451	4535253	4583986	4537230	1.01	cps
Lead	207-1	4062290	3950298	4001299	4004629	1.40	cps
Lead	208-1	18219517	18061235	18177619	18152790	0.45	cps
Lithium	6-1	1891192	1940166	1949423	1926927	1.62	cps
Magnesium	24-2	951073	950635	951348	951019	0.04	cps
Manganese	55-2	1109993	1106330	1106130	1107484	0.20	cps
Molybdenum	94-1	39961	41034	40750	40582	1.37	cps
Molybdenum	95-1	49958	51099	50209	50422	1.19	cps
Molybdenum	96-1	57998	57121	57348	57489	0.79	cps
Molybdenum	97-1	31621	32065	32289	31992	1.06	cps
Molybdenum	98-1	82561	81589	81130	81760	0.89	cps
Neodymium	150-1	10217	10447	10227	10297	1.26	cps
Neodymium	150-2	6392	6358	6608	6453	2.10	cps
Nickel	60-2	30080	30044	30778	30301	1.37	cps
Phosphorus	31-2	3410	3624	3537	3524	3.05	cps
Potassium	39-2	659284	656196	657147	657542	0.24	cps
Rhodium	103-1	12322099	12281658	12227338	12277032	0.39	cps
Rhodium	103-2	7455660	7427325	7400744	7427910	0.37	cps
Scandium	45-1	7212459	7240081	7145388	7199309	0.68	cps
Scandium	45-2	633959	629912	632985	632285	0.33	cps
Selenium	82-1	239	259	263	254	5.00	cps
Selenium	77-2	17	3	33	18	84.55	cps
Selenium	78-2	520	543	457	507	8.85	cps
Silicon	28-1	6992714	7086238	7228077	7102343	1.67	cps
Silver	107-1	12439	12716	13266	12807	3.29	cps
Silver	109-1	12028	12345	12102	12159	1.36	cps
Sodium	23-2	2166896	2168410	2171170	2168826	0.10	cps
Strontium	86-1	105622	105145	106750	105839	0.78	cps
Strontium	88-1	914760	918028	930572	921120	0.91	cps
Sulfur	34-1	201979	199585	200717	200760	0.60	cps
Terbium	159-1	16615974	16516962	16298905	16477280	0.98	cps
Terbium	159-2	11613443	11670731	11722067	11668747	0.47	cps
Thallium	203-1	2927	3130	2807	2955	5.53	cps
Thallium	205-1	6908	6595	6952	6818	2.86	cps
Tin	118-1	651324	654843	651479	652548	0.30	cps
Titanium	47-1	186942	188096	185518	186852	0.69	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-02DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA2	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:54:07	DataFile Name :	165SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23882	23591	24242	23905	1.36	cps
Vanadium	51-2	57596	56973	57820	57463	0.76	cps
Yttrium	89-1	19967195	19962679	20141496	20023790	0.51	cps
Yttrium	89-2	5634851	5557988	5692267	5628369	1.20	cps
Zinc	66-2	1845529	1811856	1815665	1824350	1.01	cps
Zirconium	90-1	31641	33057	32887	32528	2.38	cps
Zirconium	91-1	7886	7649	7952	7829	2.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:57:14	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867954	867153	866772	867293	0.07	cps
Antimony	121-1	1829240	1823878	1829076	1827398	0.17	cps
Arsenic	75-2	248622	247429	247450	247833	0.28	cps
Barium	135-1	208217	210441	211799	210152	0.86	cps
Barium	137-1	360939	368572	371830	367113	1.52	cps
Beryllium	9-1	200	213	227	213	6.25	cps
Bismuth	209-1	10039688	9802639	9858915	9900414	1.25	cps
Bismuth	209-2	8406112	8280491	8304966	8330523	0.80	cps
Bromine	81-1	21065	21606	22137	21603	2.48	cps
Bromine	81-2	1573	1590	1490	1551	3.45	cps
Cadmium	108-1	300	310	257	289	9.81	cps
Cadmium	106-1	5284	4964	5174	5141	3.16	cps
Cadmium	111-1	2646	2628	2625	2633	0.43	cps
Calcium	43-1	295610	298747	298366	297574	0.58	cps
Calcium	44-1	4624207	4636513	4688424	4649715	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43737	43248	43302	43429	0.62	cps
Cobalt	59-2	258595	256967	257378	257647	0.33	cps
Copper	63-2	1085315	1091535	1086716	1087855	0.30	cps
Dysprosium	156-1	6928	7099	6952	6993	1.32	cps
Dysprosium	156-2	5751	6048	6121	5974	3.28	cps
Erbium	164-1	7025	6982	6785	6931	1.85	cps
Erbium	164-2	4994	5058	4958	5003	1.01	cps
Gadolinium	160-1	6832	7162	6908	6967	2.48	cps
Gadolinium	160-2	5868	5528	5988	5795	4.12	cps
Holmium	165-1	16291049	16136410	15926241	16117900	1.14	cps
Holmium	165-2	11766884	11596004	11558202	11640363	0.96	cps
Indium	115-1	13677954	13279843	13316713	13424836	1.64	cps
Indium	115-2	5080709	5068104	5031462	5060091	0.51	cps
Iron	56-2	102502972	102464082	102256262	102407772	0.13	cps
Iron	57-2	2596905	2518517	2534189	2549870	1.63	cps
Iron	54-2	5617826	5481381	5533683	5544297	1.24	cps
Krypton	83-1	233	203	263	233	12.86	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:57:14	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3216948	3251059	3254047	3240685	0.64	cps
Lead	207-1	2816233	2874034	2864224	2851497	1.08	cps
Lead	208-1	12827683	13014453	13060541	12967559	0.95	cps
Lithium	6-1	1998107	1943927	1953334	1965123	1.47	cps
Magnesium	24-2	824711	829304	821386	825133	0.48	cps
Manganese	55-2	676201	671467	663458	670375	0.96	cps
Molybdenum	94-1	36693	36646	36365	36568	0.48	cps
Molybdenum	95-1	29376	30442	29854	29891	1.79	cps
Molybdenum	96-1	35974	36602	36399	36325	0.88	cps
Molybdenum	97-1	18105	18348	18685	18379	1.59	cps
Molybdenum	98-1	46979	47978	48189	47715	1.36	cps
Neodymium	150-1	11014	10794	10691	10833	1.53	cps
Neodymium	150-2	6538	6485	6735	6586	2.00	cps
Nickel	60-2	17520	17450	17757	17576	0.92	cps
Phosphorus	31-2	5298	4934	5181	5138	3.61	cps
Potassium	39-2	621647	619208	615902	618919	0.47	cps
Rhodium	103-1	12438457	12260586	12282114	12327052	0.79	cps
Rhodium	103-2	7414254	7403674	7290824	7369584	0.93	cps
Scandium	45-1	7302962	7198837	7186716	7229505	0.88	cps
Scandium	45-2	636528	633916	631502	633982	0.40	cps
Selenium	82-1	277	246	194	239	17.59	cps
Selenium	77-2	30	17	23	23	28.56	cps
Selenium	78-2	573	540	483	532	8.55	cps
Silicon	28-1	4266973	4353711	4610486	4410390	4.05	cps
Silver	107-1	8763	8636	8766	8722	0.85	cps
Silver	109-1	8453	8339	8489	8427	0.93	cps
Sodium	23-2	1912086	1957080	1908106	1925757	1.41	cps
Strontium	86-1	323391	322603	320863	322285	0.40	cps
Strontium	88-1	2933427	2900330	2881307	2905022	0.91	cps
Sulfur	34-1	197989	202216	203239	201148	1.38	cps
Terbium	159-1	16763917	16456013	16507724	16575885	0.99	cps
Terbium	159-2	11709468	11457744	11528927	11565380	1.12	cps
Thallium	203-1	1780	1610	1783	1725	5.75	cps
Thallium	205-1	4157	4224	4241	4207	1.05	cps
Tin	118-1	416999	418286	421292	418859	0.53	cps
Titanium	47-1	200220	205424	204410	203351	1.36	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-03DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKA3	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 00:57:14	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15079	15075	15199	15118	0.47	cps
Vanadium	51-2	50377	50327	50939	50548	0.67	cps
Yttrium	89-1	20480528	20090177	19716421	20095709	1.90	cps
Yttrium	89-2	5655212	5574045	5556374	5595210	0.94	cps
Zinc	66-2	1559525	1525007	1492534	1525689	2.20	cps
Zirconium	90-1	53196	53624	54611	53810	1.35	cps
Zirconium	91-1	12509	12455	12435	12466	0.30	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:00:23	DataFile Name :	167CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12424586	12471636	12485840	12460688	0.26	cps
Antimony	121-1	5745363	5662352	5707874	5705196	0.73	cps
Arsenic	75-2	265928	269936	267859	267908	0.75	cps
Barium	135-1	7414681	7366315	7383432	7388142	0.33	cps
Barium	137-1	12927588	12777885	12698768	12801414	0.91	cps
Beryllium	9-1	685328	674419	670616	676787	1.13	cps
Bismuth	209-1	8831468	8656939	8757502	8748636	1.00	cps
Bismuth	209-2	7235458	7272254	7369633	7292448	0.95	cps
Bromine	81-1	13339	12422	12395	12719	4.23	cps
Bromine	81-2	160	187	190	179	9.19	cps
Cadmium	108-1	104792	103003	103271	103688	0.93	cps
Cadmium	106-1	152618	147645	146015	148759	2.31	cps
Cadmium	111-1	1415539	1393519	1389907	1399655	0.99	cps
Calcium	43-1	7180177	6922228	6903426	7001944	2.21	cps
Calcium	44-1	115640015	111621928	111244208	112835384	2.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2070550	2068815	2012483	2050616	1.61	cps
Cobalt	59-2	3210236	3209480	3226248	3215321	0.29	cps
Copper	63-2	22310631	22389161	22411097	22370296	0.24	cps
Dysprosium	156-1	323	347	327	332	3.80	cps
Dysprosium	156-2	460	477	537	491	8.21	cps
Erbium	164-1	333	323	330	329	1.55	cps
Erbium	164-2	260	240	297	266	10.82	cps
Gadolinium	160-1	257	283	227	256	11.09	cps
Gadolinium	160-2	750	760	773	761	1.54	cps
Holmium	165-1	15271846	15035255	14953760	15086954	1.10	cps
Holmium	165-2	10655588	10790840	10717828	10721419	0.63	cps
Indium	115-1	11488365	11212772	11137465	11279534	1.64	cps
Indium	115-2	4095435	4037501	4054511	4062482	0.73	cps
Iron	56-2	490971486	489421633	489654379	490015833	0.17	cps
Iron	57-2	12213285	12062797	12304799	12193627	1.00	cps
Iron	54-2	26598408	26749687	26322190	26556762	0.82	cps
Krypton	83-1	200	253	217	223	12.22	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:00:23	DataFile Name :	167CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22747306	23095735	23132165	22991735	0.92	cps
Lead	207-1	19918304	20229955	20161807	20103355	0.81	cps
Lead	208-1	91096797	92015607	92150209	91754204	0.62	cps
Lithium	6-1	1811995	1773906	1817373	1801091	1.32	cps
Magnesium	24-2	93850919	94181275	93229302	93753832	0.52	cps
Manganese	55-2	16921314	17002212	17021434	16981653	0.31	cps
Molybdenum	94-1	19803950	19455433	19346094	19535159	1.22	cps
Molybdenum	95-1	28861956	27886960	27884635	28211184	2.00	cps
Molybdenum	96-1	31843925	30501553	30681349	31008942	2.35	cps
Molybdenum	97-1	17915749	17543985	17414510	17624748	1.48	cps
Molybdenum	98-1	46206801	45083143	44695084	45328343	1.73	cps
Neodymium	150-1	480	433	527	480	9.72	cps
Neodymium	150-2	150	153	200	168	16.66	cps
Nickel	60-2	761989	762035	761341	761788	0.05	cps
Phosphorus	31-2	108920	108846	108538	108768	0.19	cps
Potassium	39-2	59432964	60605309	60028666	60022313	0.98	cps
Rhodium	103-1	10277685	9850079	9802935	9976900	2.62	cps
Rhodium	103-2	5815045	5847082	5882295	5848140	0.58	cps
Scandium	45-1	6242242	5947682	5868264	6019396	3.27	cps
Scandium	45-2	504674	509713	505814	506734	0.52	cps
Selenium	82-1	83606	81560	81247	82138	1.56	cps
Selenium	77-2	8706	8406	8619	8577	1.80	cps
Selenium	78-2	28718	28945	28621	28761	0.58	cps
Silicon	28-1	7462800	7035870	6978195	7158955	3.70	cps
Silver	107-1	7050805	6894616	6859148	6934857	1.47	cps
Silver	109-1	6731968	6601499	6520853	6618107	1.61	cps
Sodium	23-2	154243374	152557434	152718714	153173174	0.61	cps
Strontium	86-1	1825223	1792598	1789525	1802448	1.10	cps
Strontium	88-1	15841874	15549368	15261492	15550911	1.87	cps
Sulfur	34-1	554240	533294	522168	536567	3.03	cps
Terbium	159-1	15479214	15182087	15283408	15314903	0.99	cps
Terbium	159-2	10429610	10445044	10494145	10456266	0.32	cps
Thallium	203-1	5696444	5756602	5902883	5785310	1.84	cps
Thallium	205-1	13561196	13804546	13836691	13734144	1.10	cps
Tin	118-1	4776359	4700909	4728628	4735299	0.81	cps
Titanium	47-1	6786656	6584082	6435884	6602208	2.67	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:00:23	DataFile Name :	167CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18192721	18154933	18326128	18224594	0.49	cps
Vanadium	51-2	1873771	1878430	1850564	1867589	0.80	cps
Yttrium	89-1	17773386	17261763	17183025	17406058	1.84	cps
Yttrium	89-2	4626801	4626703	4669414	4640973	0.53	cps
Zinc	66-2	3866031	3855485	3871124	3864213	0.21	cps
Zirconium	90-1	9704505	9604094	9478483	9595694	1.18	cps
Zirconium	91-1	2168235	2112195	2124458	2134963	1.38	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:03:08	DataFile Name :	168CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1090	1090	1080	1087	0.53	cps
Antimony	121-1	3377	2947	2477	2934	15.35	cps
Arsenic	75-2	70	27	30	42	57.11	cps
Barium	135-1	1163	1033	850	1016	15.50	cps
Barium	137-1	1997	1607	1493	1699	15.54	cps
Beryllium	9-1	243	280	193	239	18.21	cps
Bismuth	209-1	9736540	9772940	9858457	9789312	0.64	cps
Bismuth	209-2	8199387	8180261	8234767	8204805	0.34	cps
Bromine	81-1	11831	11858	11771	11820	0.38	cps
Bromine	81-2	133	153	173	153	13.04	cps
Cadmium	108-1	27	20	23	23	14.29	cps
Cadmium	106-1	4231	4171	4044	4148	2.30	cps
Cadmium	111-1	1141	1068	998	1069	6.70	cps
Calcium	43-1	1257	1087	907	1083	16.16	cps
Calcium	44-1	23271	19967	17036	20091	15.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2013	2040	2100	2051	2.16	cps
Cobalt	59-2	413	413	410	412	0.47	cps
Copper	63-2	3290	2954	2944	3063	6.44	cps
Dysprosium	156-1	10	3	13	9	57.30	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	70	60	67	66	7.77	cps
Erbium	164-2	40	43	67	50	29.06	cps
Gadolinium	160-1	53	60	63	59	8.65	cps
Gadolinium	160-2	627	560	593	593	5.62	cps
Holmium	165-1	15570982	15431003	15373681	15458555	0.66	cps
Holmium	165-2	11099069	11237791	11167753	11168204	0.62	cps
Indium	115-1	12088279	12243872	12066860	12133003	0.80	cps
Indium	115-2	4440856	4459990	4492568	4464471	0.59	cps
Iron	56-2	65388	62111	59260	62253	4.93	cps
Iron	57-2	1987	1807	1903	1899	4.74	cps
Iron	54-2	4991	4681	4574	4749	4.56	cps
Krypton	83-1	143	167	137	149	10.58	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:03:08	DataFile Name :	168CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4714	3907	3427	4016	16.19	cps
Lead	207-1	3837	3370	3037	3415	11.77	cps
Lead	208-1	18305	15207	13383	15632	15.92	cps
Lithium	6-1	1904499	1894503	1895928	1898310	0.28	cps
Magnesium	24-2	8539	8116	7552	8069	6.14	cps
Manganese	55-2	1873	1670	1620	1721	7.80	cps
Molybdenum	94-1	3644	3184	2840	3223	12.51	cps
Molybdenum	95-1	5288	4301	3701	4430	18.09	cps
Molybdenum	96-1	5691	4551	3924	4722	18.97	cps
Molybdenum	97-1	3270	2644	2297	2737	18.03	cps
Molybdenum	98-1	8393	7232	5898	7174	17.40	cps
Neodymium	150-1	10	0	7	6	91.64	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	563	543	630	579	7.84	cps
Phosphorus	31-2	153	93	97	114	29.47	cps
Potassium	39-2	54872	53654	53183	53903	1.62	cps
Rhodium	103-1	10873935	10862987	10890655	10875859	0.13	cps
Rhodium	103-2	6587393	6566988	6580077	6578153	0.16	cps
Scandium	45-1	5963826	6013491	6031934	6003084	0.59	cps
Scandium	45-2	530574	526666	529185	528808	0.37	cps
Selenium	82-1	178	145	181	168	11.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	353	390	360	368	5.31	cps
Silicon	28-1	450257	453703	460309	454756	1.12	cps
Silver	107-1	1840	1487	1400	1576	14.79	cps
Silver	109-1	1730	1303	1123	1386	22.49	cps
Sodium	23-2	37362	36316	34960	36213	3.33	cps
Strontium	86-1	610	540	503	551	9.83	cps
Strontium	88-1	2700	2014	1957	2224	18.61	cps
Sulfur	34-1	154842	156889	156525	156085	0.70	cps
Terbium	159-1	15774501	15487495	15829217	15697071	1.17	cps
Terbium	159-2	10962857	10882604	11012879	10952780	0.60	cps
Thallium	203-1	2020	1530	1560	1703	16.13	cps
Thallium	205-1	4741	4057	3467	4088	15.59	cps
Tin	118-1	2207	1997	1813	2006	9.81	cps
Titanium	47-1	1097	800	830	909	17.97	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:03:08	DataFile Name :	168CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2787	2200	1797	2261	22.02	cps
Vanadium	51-2	157	143	177	159	10.56	cps
Yttrium	89-1	17573066	17661375	17657103	17630515	0.28	cps
Yttrium	89-2	4973479	4872228	4868739	4904815	1.21	cps
Zinc	66-2	637	580	543	587	8.02	cps
Zirconium	90-1	2687	2210	2097	2331	13.43	cps
Zirconium	91-1	560	427	420	469	16.84	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:06:31	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2532866	2487518	2535154	2518513	1.07	cps
Antimony	121-1	6273882	6417424	6446551	6379286	1.45	cps
Arsenic	75-2	889970	883403	895238	889537	0.67	cps
Barium	135-1	316637	329827	331829	326098	2.53	cps
Barium	137-1	553490	574043	573667	567067	2.07	cps
Beryllium	9-1	553	667	693	638	11.66	cps
Bismuth	209-1	10358569	9017735	10366686	9914330	7.83	cps
Bismuth	209-2	8542618	8488362	8503492	8511491	0.33	cps
Bromine	81-1	24664	26033	26878	25858	4.32	cps
Bromine	81-2	3097	2890	2887	2958	4.07	cps
Cadmium	108-1	643	660	663	656	1.63	cps
Cadmium	106-1	5458	5134	5758	5450	5.72	cps
Cadmium	111-1	6387	6613	6801	6600	3.14	cps
Calcium	43-1	246524	257370	257066	253653	2.43	cps
Calcium	44-1	3843647	4061086	4014524	3973085	2.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134547	135519	135458	135175	0.40	cps
Cobalt	59-2	723340	722881	728556	724926	0.43	cps
Copper	63-2	3351123	3375883	3367327	3364778	0.37	cps
Dysprosium	156-1	18028	18232	18042	18101	0.63	cps
Dysprosium	156-2	14938	14945	15235	15039	1.13	cps
Erbium	164-1	18559	19257	19457	19091	2.47	cps
Erbium	164-2	13750	13767	13507	13675	1.07	cps
Gadolinium	160-1	17678	18469	18506	18217	2.57	cps
Gadolinium	160-2	14384	14201	14755	14446	1.95	cps
Holmium	165-1	16442981	14360501	16658926	15820803	8.02	cps
Holmium	165-2	11712936	11730970	11718197	11720701	0.08	cps
Indium	115-1	13598224	12031815	13915023	13181688	7.65	cps
Indium	115-2	5083506	5030015	5156256	5089926	1.24	cps
Iron	56-2	224746050	225007230	224077770	224610350	0.21	cps
Iron	57-2	5524273	5547626	5577604	5549835	0.48	cps
Iron	54-2	12268889	12209527	12148113	12208843	0.49	cps
Krypton	83-1	190	183	200	191	4.39	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:06:31	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9689028	10229072	10047275	9988458	2.75	cps
Lead	207-1	8541129	8894798	8723893	8719940	2.03	cps
Lead	208-1	38887687	40208641	40180846	39759058	1.90	cps
Lithium	6-1	2014725	1775160	2046031	1945305	7.62	cps
Magnesium	24-2	2260124	2247931	2246916	2251657	0.33	cps
Manganese	55-2	1662092	1666032	1660041	1662722	0.18	cps
Molybdenum	94-1	103861	107400	109250	106837	2.56	cps
Molybdenum	95-1	143943	150559	152431	148977	2.99	cps
Molybdenum	96-1	159890	168192	168401	165494	2.93	cps
Molybdenum	97-1	90149	93601	94466	92739	2.46	cps
Molybdenum	98-1	235138	244714	244451	241434	2.26	cps
Neodymium	150-1	25954	26765	27106	26608	2.22	cps
Neodymium	150-2	16680	16463	16743	16629	0.88	cps
Nickel	60-2	74902	74655	75056	74871	0.27	cps
Phosphorus	31-2	7038	7148	6835	7007	2.27	cps
Potassium	39-2	1511366	1483940	1500569	1498625	0.92	cps
Rhodium	103-1	11926547	10266843	12080486	11424625	8.80	cps
Rhodium	103-2	7140657	7056845	7254682	7150728	1.39	cps
Scandium	45-1	6721731	5881171	6898391	6500431	8.36	cps
Scandium	45-2	596998	592754	596705	595485	0.40	cps
Selenium	82-1	353	400	382	378	6.18	cps
Selenium	77-2	57	50	43	50	13.34	cps
Selenium	78-2	537	543	570	550	3.21	cps
Silicon	28-1	7962363	8469699	8695250	8375771	4.48	cps
Silver	107-1	24618	24981	24988	24862	0.85	cps
Silver	109-1	23730	23563	23519	23604	0.47	cps
Sodium	23-2	5200495	5210984	5260910	5224130	0.62	cps
Strontium	86-1	199868	207254	208850	205324	2.33	cps
Strontium	88-1	1794291	1868106	1854350	1838915	2.13	cps
Sulfur	34-1	225303	229517	231724	228848	1.43	cps
Terbium	159-1	16694761	14399987	17365026	16153258	9.63	cps
Terbium	159-2	11714914	11542315	11582216	11613148	0.78	cps
Thallium	203-1	9320	9373	9146	9280	1.28	cps
Thallium	205-1	22202	22542	21567	22104	2.24	cps
Tin	118-1	1772724	1817949	1820217	1803630	1.49	cps
Titanium	47-1	381679	398731	400528	393646	2.64	cps

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On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:06:31	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63571	65447	64472	64497	1.45	cps
Vanadium	51-2	129123	129845	130317	129761	0.46	cps
Yttrium	89-1	19472739	17012408	20131209	18872119	8.71	cps
Yttrium	89-2	5426333	5417383	5522906	5455540	1.07	cps
Zinc	66-2	3134053	3167996	3177011	3159687	0.72	cps
Zirconium	90-1	60253	62258	62811	61774	2.18	cps
Zirconium	91-1	14534	15388	15191	15038	2.98	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:09:33	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1027173	1037697	1042616	1035829	0.76	cps
Antimony	121-1	2691997	2730761	2727318	2716692	0.79	cps
Arsenic	75-2	378108	379463	382169	379913	0.54	cps
Barium	135-1	138358	138506	139289	138718	0.36	cps
Barium	137-1	241739	241640	242736	242038	0.25	cps
Beryllium	9-1	293	307	290	297	2.97	cps
Bismuth	209-1	10032882	10001664	10019688	10018078	0.16	cps
Bismuth	209-2	8339951	8546260	8462721	8449644	1.23	cps
Bromine	81-1	19163	19586	19900	19550	1.89	cps
Bromine	81-2	1250	1267	1337	1285	3.58	cps
Cadmium	108-1	323	393	330	349	11.07	cps
Cadmium	106-1	5174	4838	5008	5006	3.36	cps
Cadmium	111-1	3390	3395	3499	3428	1.80	cps
Calcium	43-1	107252	110122	109773	109049	1.44	cps
Calcium	44-1	1713522	1725417	1747327	1728755	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58272	59293	58807	58791	0.87	cps
Cobalt	59-2	308254	310766	309421	309480	0.41	cps
Copper	63-2	1312599	1323588	1323347	1319845	0.48	cps
Dysprosium	156-1	7769	7779	7415	7654	2.70	cps
Dysprosium	156-2	6161	6341	6495	6333	2.64	cps
Erbium	164-1	7872	7976	7969	7939	0.73	cps
Erbium	164-2	6101	5981	5945	6009	1.36	cps
Gadolinium	160-1	7862	7786	7876	7841	0.62	cps
Gadolinium	160-2	6525	6568	6482	6525	0.66	cps
Holmium	165-1	16329861	16034461	16113324	16159215	0.95	cps
Holmium	165-2	11642823	11888792	11726776	11752797	1.06	cps
Indium	115-1	13286332	13254412	13299596	13280113	0.17	cps
Indium	115-2	4984644	5069935	5046778	5033786	0.88	cps
Iron	56-2	94586259	96439759	95401845	95475954	0.97	cps
Iron	57-2	2332393	2361666	2370146	2354735	0.84	cps
Iron	54-2	5133931	5158059	5257674	5183221	1.27	cps
Krypton	83-1	213	180	240	211	14.24	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:09:33	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4126037	4208757	4132513	4155769	1.11	cps
Lead	207-1	3690929	3651849	3626370	3656382	0.89	cps
Lead	208-1	16617439	16552060	16444361	16537953	0.53	cps
Lithium	6-1	1927384	1967433	1971751	1955523	1.25	cps
Magnesium	24-2	896923	903515	900595	900344	0.37	cps
Manganese	55-2	690911	699728	699151	696597	0.71	cps
Molybdenum	94-1	45708	45393	45758	45620	0.43	cps
Molybdenum	95-1	63738	63571	63233	63514	0.41	cps
Molybdenum	96-1	70646	70502	71832	70993	1.03	cps
Molybdenum	97-1	39791	39487	40356	39878	1.11	cps
Molybdenum	98-1	102174	103164	103121	102820	0.54	cps
Neodymium	150-1	10941	11315	11291	11182	1.87	cps
Neodymium	150-2	6455	7099	6825	6793	4.76	cps
Nickel	60-2	28975	29165	28818	28986	0.60	cps
Phosphorus	31-2	3044	3187	3037	3089	2.74	cps
Potassium	39-2	672606	678573	679852	677010	0.57	cps
Rhodium	103-1	12149859	11855489	12110559	12038636	1.33	cps
Rhodium	103-2	7259980	7251857	7333336	7281725	0.62	cps
Scandium	45-1	6762498	6808968	6915208	6828891	1.15	cps
Scandium	45-2	605204	606346	606959	606170	0.15	cps
Selenium	82-1	273	263	223	253	10.50	cps
Selenium	77-2	20	43	27	30	40.05	cps
Selenium	78-2	500	483	463	482	3.81	cps
Silicon	28-1	4577542	4071473	4209806	4286274	6.10	cps
Silver	107-1	10177	10397	10184	10253	1.22	cps
Silver	109-1	9763	9733	9627	9708	0.74	cps
Sodium	23-2	2225419	2232183	2245285	2234296	0.45	cps
Strontium	86-1	87555	88869	87682	88035	0.82	cps
Strontium	88-1	766506	763968	769934	766803	0.39	cps
Sulfur	34-1	194133	195932	194582	194882	0.48	cps
Terbium	159-1	16590568	16595770	16724054	16636797	0.45	cps
Terbium	159-2	11583644	11693715	11597558	11624972	0.52	cps
Thallium	203-1	3754	3641	3924	3773	3.78	cps
Thallium	205-1	9263	8753	8940	8985	2.87	cps
Tin	118-1	738682	746192	740185	741686	0.54	cps
Titanium	47-1	169672	173869	171125	171555	1.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-04DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKA4	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:09:33	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26840	27208	26349	26799	1.61	cps
Vanadium	51-2	55264	55508	55234	55335	0.27	cps
Yttrium	89-1	19509223	19532910	19542006	19528046	0.09	cps
Yttrium	89-2	5453150	5509261	5443857	5468756	0.65	cps
Zinc	66-2	1299524	1316182	1326121	1313942	1.02	cps
Zirconium	90-1	27113	26654	26581	26783	1.08	cps
Zirconium	91-1	6301	6301	6622	6408	2.88	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:12:44	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4628377	4566864	4577091	4590778	0.72	cps
Antimony	121-1	56121486	57430242	56632452	56728060	1.16	cps
Arsenic	75-2	5118681	5085433	5078332	5094149	0.42	cps
Barium	135-1	1770860	1824179	1798548	1797862	1.48	cps
Barium	137-1	3106271	3142144	3096118	3114844	0.78	cps
Beryllium	9-1	1590	1553	1593	1579	1.41	cps
Bismuth	209-1	10413076	10629458	10665879	10569471	1.29	cps
Bismuth	209-2	8979295	8929035	8907807	8938712	0.41	cps
Bromine	81-1	17410	18038	18675	18041	3.51	cps
Bromine	81-2	1057	970	930	986	6.57	cps
Cadmium	108-1	4747	4868	4898	4838	1.64	cps
Cadmium	106-1	11515	11952	11234	11567	3.12	cps
Cadmium	111-1	44346	43765	44325	44146	0.75	cps
Calcium	43-1	731798	749379	746012	742396	1.26	cps
Calcium	44-1	11651636	11674924	11758389	11694983	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251452	252652	252481	252195	0.26	cps
Cobalt	59-2	1352069	1351536	1357345	1353650	0.24	cps
Copper	63-2	17929697	17915496	17985993	17943729	0.21	cps
Dysprosium	156-1	16566	16894	16727	16729	0.98	cps
Dysprosium	156-2	14474	14938	14514	14642	1.76	cps
Erbium	164-1	18185	18412	18115	18238	0.85	cps
Erbium	164-2	13316	13440	13133	13296	1.16	cps
Gadolinium	160-1	17097	16573	17267	16979	2.13	cps
Gadolinium	160-2	13447	13453	13643	13514	0.83	cps
Holmium	165-1	16550267	16458899	16403616	16470927	0.45	cps
Holmium	165-2	11911515	12003514	11947430	11954153	0.39	cps
Indium	115-1	16888138	17173670	17016065	17025958	0.84	cps
Indium	115-2	6481125	6467069	6519244	6489146	0.42	cps
Iron	56-2	773602842	768379189	769716309	770566113	0.35	cps
Iron	57-2	18915056	19093728	19003671	19004152	0.47	cps
Iron	54-2	41488181	41461663	41690495	41546780	0.30	cps
Krypton	83-1	240	233	270	248	7.88	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:12:44	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	82800214	82822515	81598800	82407177	0.85	cps
Lead	207-1	71416312	71611047	70958854	71328738	0.47	cps
Lead	208-1	327846050	327132327	325520612	326832996	0.36	cps
Lithium	6-1	2017596	2012164	1959033	1996265	1.62	cps
Magnesium	24-2	2169189	2183829	2167211	2173410	0.42	cps
Manganese	55-2	4371773	4386909	4367424	4375368	0.23	cps
Molybdenum	94-1	421845	428011	428472	426109	0.87	cps
Molybdenum	95-1	623391	641940	638208	634513	1.55	cps
Molybdenum	96-1	693962	705355	703246	700854	0.86	cps
Molybdenum	97-1	395704	400487	401410	399200	0.77	cps
Molybdenum	98-1	1012993	1030766	1033236	1025665	1.08	cps
Neodymium	150-1	24832	24718	24912	24821	0.39	cps
Neodymium	150-2	15212	15459	15559	15410	1.16	cps
Nickel	60-2	238764	236415	237150	237443	0.51	cps
Phosphorus	31-2	4887	4888	4944	4906	0.67	cps
Potassium	39-2	3664692	3673451	3640168	3659437	0.47	cps
Rhodium	103-1	12018886	12143280	12212759	12124975	0.81	cps
Rhodium	103-2	7490329	7522015	7418166	7476837	0.71	cps
Scandium	45-1	7081456	7044894	7101608	7075986	0.41	cps
Scandium	45-2	641534	642302	641140	641659	0.09	cps
Selenium	82-1	1311	1219	1174	1235	5.66	cps
Selenium	77-2	163	127	173	154	15.91	cps
Selenium	78-2	1000	887	910	932	6.42	cps
Silicon	28-1	37814142	38344126	38934311	38364193	1.46	cps
Silver	107-1	187353	190571	190351	189425	0.95	cps
Silver	109-1	177361	181868	182749	180660	1.60	cps
Sodium	23-2	6143449	5992692	6020861	6052334	1.32	cps
Strontium	86-1	462335	469318	469532	467062	0.88	cps
Strontium	88-1	4181773	4203530	4175583	4186962	0.35	cps
Sulfur	34-1	287210	286457	289111	287593	0.48	cps
Terbium	159-1	16773043	16845053	16720036	16779377	0.37	cps
Terbium	159-2	11886122	11807653	11872997	11855591	0.35	cps
Thallium	203-1	40099	40236	39835	40057	0.51	cps
Thallium	205-1	94938	96187	95774	95633	0.67	cps
Tin	118-1	11147894	11362869	11412062	11307608	1.24	cps
Titanium	47-1	651677	663254	664256	659729	1.06	cps

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LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:12:44	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	155671	156446	158224	156780	0.83	cps
Vanadium	51-2	191501	191153	192859	191838	0.47	cps
Yttrium	89-1	20420651	20355476	20293414	20356514	0.31	cps
Yttrium	89-2	5660234	5715090	5658522	5677948	0.57	cps
Zinc	66-2	20848839	20705684	20891936	20815486	0.47	cps
Zirconium	90-1	182408	184830	186714	184651	1.17	cps
Zirconium	91-1	47239	47373	48145	47586	1.03	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL2X10	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:15:43	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	837708	840893	840902	839835	0.22	cps
Antimony	121-1	11176554	11311498	11185589	11224547	0.67	cps
Arsenic	75-2	948827	948388	946316	947843	0.14	cps
Barium	135-1	333410	338565	337248	336408	0.80	cps
Barium	137-1	585616	588433	585049	586366	0.31	cps
Beryllium	9-1	380	367	340	362	5.62	cps
Bismuth	209-1	10320754	10205872	10095131	10207252	1.11	cps
Bismuth	209-2	8627053	8560600	8485781	8557811	0.83	cps
Bromine	81-1	14614	14914	14888	14805	1.12	cps
Bromine	81-2	320	323	307	317	2.79	cps
Cadmium	108-1	877	773	1050	900	15.53	cps
Cadmium	106-1	5911	5671	5634	5739	2.62	cps
Cadmium	111-1	9726	9668	9287	9560	2.50	cps
Calcium	43-1	145223	146543	147818	146528	0.89	cps
Calcium	44-1	2290133	2299156	2281434	2290241	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50253	50026	50511	50263	0.48	cps
Cobalt	59-2	259961	260860	259124	259981	0.33	cps
Copper	63-2	3508044	3509594	3504263	3507300	0.08	cps
Dysprosium	156-1	3434	3427	3457	3439	0.46	cps
Dysprosium	156-2	2770	2620	3034	2808	7.45	cps
Erbium	164-1	3440	3384	3657	3494	4.13	cps
Erbium	164-2	2650	2554	2590	2598	1.88	cps
Gadolinium	160-1	3287	3324	3347	3319	0.91	cps
Gadolinium	160-2	3227	3180	2940	3116	4.94	cps
Holmium	165-1	16440484	16197354	16210699	16282846	0.84	cps
Holmium	165-2	11763071	11649285	11596423	11669593	0.73	cps
Indium	115-1	14053834	13932583	13815299	13933905	0.86	cps
Indium	115-2	5235589	5273585	5190422	5233198	0.80	cps
Iron	56-2	147142828	146244111	147661374	147016104	0.49	cps
Iron	57-2	3608703	3584292	3652666	3615220	0.96	cps
Iron	54-2	7938950	7956794	7939741	7945162	0.13	cps
Krypton	83-1	237	200	187	208	12.46	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL2X10	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:15:43	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16198124	16497672	16428488	16374761	0.96	cps
Lead	207-1	14124399	14191246	14250894	14188846	0.45	cps
Lead	208-1	64579042	64967494	65210902	64919146	0.49	cps
Lithium	6-1	1998086	1969994	1996725	1988268	0.80	cps
Magnesium	24-2	390329	389274	389258	389620	0.16	cps
Manganese	55-2	824931	824309	827052	825431	0.17	cps
Molybdenum	94-1	82490	85229	84961	84227	1.79	cps
Molybdenum	95-1	123778	123754	124641	124058	0.41	cps
Molybdenum	96-1	136244	138872	137916	137677	0.97	cps
Molybdenum	97-1	76898	76345	77206	76816	0.57	cps
Molybdenum	98-1	198949	200257	201456	200221	0.63	cps
Neodymium	150-1	4758	4858	4844	4820	1.13	cps
Neodymium	150-2	2854	2977	2944	2925	2.18	cps
Nickel	60-2	46783	46097	46244	46375	0.78	cps
Phosphorus	31-2	1107	977	983	1022	7.16	cps
Potassium	39-2	753298	751885	752379	752520	0.10	cps
Rhodium	103-1	12356820	12068346	12133543	12186236	1.24	cps
Rhodium	103-2	7344705	7351285	7264314	7320101	0.66	cps
Scandium	45-1	7119196	6882584	7016445	7006075	1.69	cps
Scandium	45-2	605861	608062	607244	607056	0.18	cps
Selenium	82-1	385	435	424	415	6.35	cps
Selenium	77-2	30	30	20	27	21.65	cps
Selenium	78-2	533	527	443	501	10.01	cps
Silicon	28-1	8080165	8279665	8163170	8174333	1.23	cps
Silver	107-1	37826	37091	37091	37336	1.14	cps
Silver	109-1	34855	35447	36075	35459	1.72	cps
Sodium	23-2	1162630	1173236	1159354	1165073	0.62	cps
Strontium	86-1	91170	89721	91602	90831	1.08	cps
Strontium	88-1	789976	794713	794714	793134	0.34	cps
Sulfur	34-1	187262	185949	184074	185762	0.86	cps
Terbium	159-1	16858798	16739676	16566046	16721506	0.88	cps
Terbium	159-2	11526618	11532364	11610326	11556436	0.40	cps
Thallium	203-1	8246	8146	7792	8061	2.96	cps
Thallium	205-1	18887	19444	19581	19304	1.91	cps
Tin	118-1	2243871	2260825	2201836	2235511	1.36	cps
Titanium	47-1	128231	129286	129014	128844	0.43	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL2X10	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:15:43	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30873	30498	31103	30825	0.99	cps
Vanadium	51-2	36444	36464	36878	36595	0.67	cps
Yttrium	89-1	20126987	19658158	19723903	19836349	1.28	cps
Yttrium	89-2	5530323	5466990	5472907	5490073	0.64	cps
Zinc	66-2	4064204	4095481	4029848	4063178	0.81	cps
Zirconium	90-1	35386	36442	36459	36095	1.70	cps
Zirconium	91-1	9026	9363	9136	9175	1.87	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL3X25	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:18:53	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340535	338106	339277	339306	0.36	cps
Antimony	121-1	4420331	4445943	4440077	4435450	0.30	cps
Arsenic	75-2	384622	385140	382701	384154	0.33	cps
Barium	135-1	132466	133832	134168	133489	0.68	cps
Barium	137-1	231727	233161	233923	232937	0.48	cps
Beryllium	9-1	163	187	157	169	9.33	cps
Bismuth	209-1	10028179	9995816	9814481	9946159	1.16	cps
Bismuth	209-2	8568321	8376705	8433917	8459648	1.16	cps
Bromine	81-1	14627	14264	14761	14551	1.77	cps
Bromine	81-2	180	193	240	204	15.41	cps
Cadmium	108-1	413	417	327	386	13.24	cps
Cadmium	106-1	4978	4711	4878	4855	2.78	cps
Cadmium	111-1	4278	4142	4282	4234	1.88	cps
Calcium	43-1	57843	57896	59754	58498	1.86	cps
Calcium	44-1	934230	944386	943511	940709	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21439	21579	21008	21342	1.39	cps
Cobalt	59-2	104860	104339	104138	104446	0.36	cps
Copper	63-2	1374286	1384789	1371436	1376837	0.51	cps
Dysprosium	156-1	1257	1373	1270	1300	4.91	cps
Dysprosium	156-2	1167	1163	1143	1158	1.09	cps
Erbium	164-1	1503	1427	1430	1453	2.98	cps
Erbium	164-2	1117	1027	1133	1092	5.25	cps
Gadolinium	160-1	1383	1420	1423	1409	1.58	cps
Gadolinium	160-2	1637	1697	1403	1579	9.82	cps
Holmium	165-1	16074436	16044488	15966959	16028628	0.35	cps
Holmium	165-2	11638762	11594116	11687525	11640135	0.40	cps
Indium	115-1	13318659	13231227	13191213	13247033	0.49	cps
Indium	115-2	5008311	5024126	5036120	5022853	0.28	cps
Iron	56-2	58826219	58949111	58975324	58916885	0.14	cps
Iron	57-2	1452520	1448959	1451953	1451144	0.13	cps
Iron	54-2	3235775	3222189	3199355	3219106	0.57	cps
Krypton	83-1	197	253	210	220	13.47	cps

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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL3X25	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:18:53	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6419733	6524031	6649721	6531162	1.76	cps
Lead	207-1	5635005	5792079	5770273	5732452	1.48	cps
Lead	208-1	25647168	26277671	26347504	26090781	1.48	cps
Lithium	6-1	1925413	2010107	1953109	1962876	2.20	cps
Magnesium	24-2	158261	158789	159267	158772	0.32	cps
Manganese	55-2	331056	330735	331305	331032	0.09	cps
Molybdenum	94-1	33144	34023	33772	33646	1.35	cps
Molybdenum	95-1	49697	50279	49380	49785	0.92	cps
Molybdenum	96-1	54588	54876	55260	54908	0.61	cps
Molybdenum	97-1	30415	31541	30926	30961	1.82	cps
Molybdenum	98-1	79548	80614	79441	79868	0.81	cps
Neodymium	150-1	2010	1877	2027	1971	4.17	cps
Neodymium	150-2	1183	1280	1197	1220	4.29	cps
Nickel	60-2	18688	19176	19059	18974	1.34	cps
Phosphorus	31-2	523	470	517	503	5.77	cps
Potassium	39-2	332833	334141	332492	333155	0.26	cps
Rhodium	103-1	12067311	11850331	11958163	11958602	0.91	cps
Rhodium	103-2	7243962	7136323	7297053	7225780	1.13	cps
Scandium	45-1	6853897	6836716	6746382	6812331	0.85	cps
Scandium	45-2	602867	602168	601384	602139	0.12	cps
Selenium	82-1	277	233	205	238	15.35	cps
Selenium	77-2	7	23	10	13	66.12	cps
Selenium	78-2	403	387	490	427	13.00	cps
Silicon	28-1	3559937	3677325	3734387	3657216	2.43	cps
Silver	107-1	14571	15211	14921	14901	2.15	cps
Silver	109-1	13880	14397	14327	14201	1.98	cps
Sodium	23-2	455483	458922	457443	457283	0.38	cps
Strontium	86-1	36749	36321	36846	36639	0.76	cps
Strontium	88-1	317849	316095	319060	317668	0.47	cps
Sulfur	34-1	164690	166253	165192	165378	0.48	cps
Terbium	159-1	16614659	16458003	16761551	16611404	0.91	cps
Terbium	159-2	11467583	11464372	11564304	11498753	0.49	cps
Thallium	203-1	3317	3464	3427	3403	2.24	cps
Thallium	205-1	8273	7959	7902	8045	2.48	cps
Tin	118-1	855441	857843	866298	859861	0.66	cps
Titanium	47-1	50751	51387	50588	50909	0.83	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-05DL3X25	Instrumnet Name :	P7
Client Sample ID :	MJNKA5	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:18:53	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12359	12282	12179	12274	0.74	cps
Vanadium	51-2	14580	14927	14620	14709	1.29	cps
Yttrium	89-1	19634797	19413204	19467881	19505294	0.59	cps
Yttrium	89-2	5406656	5380573	5425452	5404227	0.42	cps
Zinc	66-2	1629406	1621224	1626036	1625555	0.25	cps
Zirconium	90-1	14454	14727	14914	14699	1.58	cps
Zirconium	91-1	3467	3794	3817	3693	5.30	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:22:02	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4463109	4439209	4473309	4458542	0.39	cps
Antimony	121-1	23999835	24007067	23711603	23906168	0.70	cps
Arsenic	75-2	3348820	3329826	3313693	3330780	0.53	cps
Barium	135-1	1265682	1273505	1274245	1271144	0.37	cps
Barium	137-1	2274102	2279781	2289073	2280985	0.33	cps
Beryllium	9-1	1510	1620	1430	1520	6.28	cps
Bismuth	209-1	10333470	10279297	10185517	10266095	0.73	cps
Bismuth	209-2	8648489	8580247	8574627	8601121	0.48	cps
Bromine	81-1	20875	21122	22077	21358	2.97	cps
Bromine	81-2	1873	1677	1660	1737	6.83	cps
Cadmium	108-1	1847	2174	2237	2086	10.04	cps
Cadmium	106-1	7709	7709	7385	7601	2.46	cps
Cadmium	111-1	14654	14558	14114	14442	1.99	cps
Calcium	43-1	1052843	1063878	1066138	1060953	0.67	cps
Calcium	44-1	16663063	16590864	16664266	16639397	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130122	129331	129984	129813	0.33	cps
Cobalt	59-2	3674460	3725079	3703702	3701080	0.69	cps
Copper	63-2	11832150	11634562	11777996	11748236	0.87	cps
Dysprosium	156-1	19657	19173	19220	19350	1.38	cps
Dysprosium	156-2	16593	16954	16537	16694	1.36	cps
Erbium	164-1	24642	24351	23974	24322	1.38	cps
Erbium	164-2	17701	17428	18008	17712	1.64	cps
Gadolinium	160-1	19757	19530	19751	19679	0.66	cps
Gadolinium	160-2	15439	15329	15465	15411	0.47	cps
Holmium	165-1	16589900	16221888	16536027	16449272	1.21	cps
Holmium	165-2	11722829	11936679	11803771	11821093	0.91	cps
Indium	115-1	16656464	16751367	16817479	16741770	0.48	cps
Indium	115-2	6314550	6319214	6264059	6299274	0.49	cps
Iron	56-2	704573483	706903323	699945670	703807492	0.50	cps
Iron	57-2	17424990	17344302	17271420	17346904	0.44	cps
Iron	54-2	38364489	38257271	38006788	38209516	0.48	cps
Krypton	83-1	257	247	293	266	9.25	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:22:02	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31660100	31434790	31799910	31631600	0.58	cps
Lead	207-1	27423361	27553550	27732157	27569689	0.56	cps
Lead	208-1	125972171	125811231	126350337	126044580	0.22	cps
Lithium	6-1	1970787	2007632	1989418	1989279	0.93	cps
Magnesium	24-2	2171661	2181720	2142343	2165242	0.94	cps
Manganese	55-2	4103045	4184129	4086532	4124569	1.27	cps
Molybdenum	94-1	259772	262294	261873	261313	0.52	cps
Molybdenum	95-1	305804	308127	307075	307002	0.38	cps
Molybdenum	96-1	351433	351543	356161	353046	0.76	cps
Molybdenum	97-1	193352	195256	193217	193942	0.59	cps
Molybdenum	98-1	496402	498609	501657	498889	0.53	cps
Neodymium	150-1	28318	28669	29013	28667	1.21	cps
Neodymium	150-2	17347	17624	17748	17573	1.17	cps
Nickel	60-2	94606	94334	93378	94106	0.69	cps
Phosphorus	31-2	4891	4721	4527	4713	3.86	cps
Potassium	39-2	3983262	3919610	3854055	3918975	1.65	cps
Rhodium	103-1	11858297	11735394	12022676	11872122	1.21	cps
Rhodium	103-2	7197608	7209855	7225891	7211118	0.20	cps
Scandium	45-1	7003328	6961300	7031917	6998848	0.51	cps
Scandium	45-2	610958	612680	609927	611188	0.23	cps
Selenium	82-1	800	867	743	803	7.76	cps
Selenium	77-2	87	133	117	112	21.07	cps
Selenium	78-2	600	713	613	642	9.65	cps
Silicon	28-1	65074304	65937122	65529001	65513476	0.66	cps
Silver	107-1	88152	90067	90164	89461	1.27	cps
Silver	109-1	84132	86335	84645	85037	1.36	cps
Sodium	23-2	6167417	6122790	6132997	6141068	0.38	cps
Strontium	86-1	552130	556905	556863	555299	0.49	cps
Strontium	88-1	4996367	5013024	4999655	5003015	0.18	cps
Sulfur	34-1	288799	288503	289377	288893	0.15	cps
Terbium	159-1	16534745	16672549	16660400	16622564	0.46	cps
Terbium	159-2	11617367	11553694	11710839	11627300	0.68	cps
Thallium	203-1	17962	17832	18125	17973	0.82	cps
Thallium	205-1	42710	42700	43128	42846	0.57	cps
Tin	118-1	5415459	5536706	5478968	5477044	1.11	cps
Titanium	47-1	758999	764753	762024	761925	0.38	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	2
Date & Time Acquired :	2024-12-28 01:22:02	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	99015	100866	99939	99940	0.93	cps
Vanadium	51-2	172617	171961	172809	172462	0.26	cps
Yttrium	89-1	20045803	20097496	19942268	20028523	0.39	cps
Yttrium	89-2	5571975	5577142	5494018	5547712	0.84	cps
Zinc	66-2	11319767	11214444	11171383	11235198	0.68	cps
Zirconium	90-1	235716	238856	238662	237744	0.74	cps
Zirconium	91-1	56572	56849	57435	56952	0.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:25:02	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1820618	1826503	1831975	1826365	0.31	cps
Antimony	121-1	10008817	9998872	9946227	9984639	0.34	cps
Arsenic	75-2	1317754	1317919	1316614	1317429	0.05	cps
Barium	135-1	517519	524341	521636	521165	0.66	cps
Barium	137-1	905638	903003	902378	903673	0.19	cps
Beryllium	9-1	613	690	567	623	9.99	cps
Bismuth	209-1	10235549	10058127	10146620	10146766	0.87	cps
Bismuth	209-2	8451087	8480286	8544970	8492115	0.57	cps
Bromine	81-1	17133	17284	16863	17093	1.25	cps
Bromine	81-2	743	903	820	822	9.73	cps
Cadmium	108-1	767	860	920	849	9.10	cps
Cadmium	106-1	5655	5861	5554	5690	2.75	cps
Cadmium	111-1	6496	6418	6444	6453	0.61	cps
Calcium	43-1	432581	434726	435069	434125	0.31	cps
Calcium	44-1	6845922	6849204	6825754	6840293	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54555	54083	53889	54176	0.63	cps
Cobalt	59-2	1528927	1530405	1507762	1522364	0.83	cps
Copper	63-2	4869938	4868893	4867987	4868939	0.02	cps
Dysprosium	156-1	7989	7766	8036	7930	1.82	cps
Dysprosium	156-2	6682	6798	6812	6764	1.06	cps
Erbium	164-1	9840	9944	10174	9986	1.71	cps
Erbium	164-2	7395	7435	7252	7361	1.31	cps
Gadolinium	160-1	8142	8019	8072	8078	0.77	cps
Gadolinium	160-2	6772	6648	6738	6719	0.95	cps
Holmium	165-1	16188566	16270365	16173983	16210971	0.32	cps
Holmium	165-2	11697286	11717035	11692519	11702280	0.11	cps
Indium	115-1	14769975	14659468	14449572	14626338	1.11	cps
Indium	115-2	5453265	5541276	5423600	5472713	1.12	cps
Iron	56-2	290573109	291393576	288310336	290092340	0.55	cps
Iron	57-2	7113534	7085351	7079355	7092747	0.26	cps
Iron	54-2	15753016	15640804	15560039	15651286	0.62	cps
Krypton	83-1	250	213	200	221	11.71	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:25:02	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12865389	13243751	12996906	13035349	1.47	cps
Lead	207-1	11589762	11448135	11298302	11445400	1.27	cps
Lead	208-1	52160670	51906033	51603501	51890068	0.54	cps
Lithium	6-1	1958669	1970390	1993629	1974229	0.90	cps
Magnesium	24-2	823369	819637	820064	821023	0.25	cps
Manganese	55-2	1681357	1696225	1699570	1692384	0.57	cps
Molybdenum	94-1	106718	107568	107467	107251	0.43	cps
Molybdenum	95-1	125855	126682	126733	126423	0.39	cps
Molybdenum	96-1	143886	145364	145832	145027	0.70	cps
Molybdenum	97-1	79173	78331	78871	78792	0.54	cps
Molybdenum	98-1	202410	203819	204762	203664	0.58	cps
Neodymium	150-1	11595	11435	11548	11526	0.71	cps
Neodymium	150-2	7375	7262	7162	7266	1.47	cps
Nickel	60-2	39198	38686	39014	38966	0.66	cps
Phosphorus	31-2	1987	2084	1993	2021	2.67	cps
Potassium	39-2	1633136	1631422	1603339	1622632	1.03	cps
Rhodium	103-1	11901844	11853770	12002745	11919453	0.64	cps
Rhodium	103-2	7219101	7169361	7182993	7190485	0.36	cps
Scandium	45-1	6905300	6900101	6805647	6870349	0.82	cps
Scandium	45-2	607528	600550	601023	603034	0.65	cps
Selenium	82-1	403	406	461	423	7.70	cps
Selenium	77-2	63	53	33	50	30.55	cps
Selenium	78-2	493	510	543	516	4.94	cps
Silicon	28-1	26144997	26349671	26911455	26468708	1.50	cps
Silver	107-1	36379	36666	37659	36901	1.82	cps
Silver	109-1	34775	34979	34952	34902	0.32	cps
Sodium	23-2	2498825	2515712	2496237	2503591	0.42	cps
Strontium	86-1	226529	228623	230362	228505	0.84	cps
Strontium	88-1	2054694	2062201	2055457	2057451	0.20	cps
Sulfur	34-1	202821	203357	203172	203116	0.13	cps
Terbium	159-1	16892051	16663611	16460500	16672054	1.29	cps
Terbium	159-2	11504574	11478587	11383932	11455697	0.55	cps
Thallium	203-1	7525	7612	7415	7518	1.31	cps
Thallium	205-1	17962	18419	17899	18093	1.57	cps
Tin	118-1	2294643	2257904	2271611	2274719	0.82	cps
Titanium	47-1	310777	317963	310572	313104	1.34	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL2X5	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	5
Date & Time Acquired :	2024-12-28 01:25:02	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40024	42013	41260	41099	2.44	cps
Vanadium	51-2	69931	70400	69754	70028	0.48	cps
Yttrium	89-1	19709901	19777358	19528198	19671819	0.66	cps
Yttrium	89-2	5455252	5406950	5464789	5442330	0.57	cps
Zinc	66-2	4616590	4653011	4551318	4606973	1.12	cps
Zirconium	90-1	94632	96970	97870	96491	1.73	cps
Zirconium	91-1	23228	23225	23058	23171	0.42	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:28:06	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	869636	854283	861766	861895	0.89	cps
Antimony	121-1	4871195	4905970	4927027	4901397	0.58	cps
Arsenic	75-2	652070	652554	651161	651928	0.11	cps
Barium	135-1	254602	256629	257079	256103	0.52	cps
Barium	137-1	443669	445678	450461	446603	0.78	cps
Beryllium	9-1	297	283	330	303	7.92	cps
Bismuth	209-1	10157255	10056213	8819668	9677712	7.70	cps
Bismuth	209-2	8525823	8529195	8425259	8493426	0.70	cps
Bromine	81-1	15942	15668	15548	15720	1.28	cps
Bromine	81-2	460	443	450	451	1.86	cps
Cadmium	108-1	413	423	490	442	9.42	cps
Cadmium	106-1	4944	5178	4351	4824	8.84	cps
Cadmium	111-1	3474	3653	3526	3551	2.59	cps
Calcium	43-1	213756	215224	214896	214626	0.36	cps
Calcium	44-1	3368638	3396033	3357332	3374001	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27786	27388	27368	27514	0.86	cps
Cobalt	59-2	731338	727044	727123	728502	0.34	cps
Copper	63-2	2395695	2388674	2374961	2386443	0.44	cps
Dysprosium	156-1	3817	4017	3964	3933	2.63	cps
Dysprosium	156-2	3107	3224	3347	3226	3.72	cps
Erbium	164-1	4924	4898	4791	4871	1.45	cps
Erbium	164-2	3617	3774	3524	3638	3.47	cps
Gadolinium	160-1	3961	4017	4071	4016	1.37	cps
Gadolinium	160-2	3517	3427	3647	3530	3.13	cps
Holmium	165-1	16114716	16254867	14273154	15547579	7.11	cps
Holmium	165-2	11796871	11706722	11436142	11646578	1.61	cps
Indium	115-1	13621868	13697016	12208107	13175664	6.37	cps
Indium	115-2	5217042	5125044	5076923	5139670	1.39	cps
Iron	56-2	142606191	141987095	141921488	142171591	0.27	cps
Iron	57-2	3544822	3498007	3517236	3520022	0.67	cps
Iron	54-2	7706206	7666622	7725374	7699401	0.39	cps
Krypton	83-1	207	190	233	210	10.41	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:28:06	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6543876	6418981	6381046	6447968	1.32	cps
Lead	207-1	5737867	5686803	5725380	5716683	0.47	cps
Lead	208-1	26121645	25649711	25934401	25901919	0.92	cps
Lithium	6-1	1943445	1942191	1744668	1876768	6.10	cps
Magnesium	24-2	410647	407438	408080	408721	0.42	cps
Manganese	55-2	813577	801003	805124	806568	0.79	cps
Molybdenum	94-1	52534	53119	53318	52990	0.77	cps
Molybdenum	95-1	62727	62098	62784	62536	0.61	cps
Molybdenum	96-1	71283	72358	71792	71811	0.75	cps
Molybdenum	97-1	39624	39557	38821	39334	1.13	cps
Molybdenum	98-1	100493	101902	100902	101099	0.72	cps
Neodymium	150-1	5731	5558	5911	5733	3.08	cps
Neodymium	150-2	3764	3404	3387	3518	6.05	cps
Nickel	60-2	20017	19346	19479	19614	1.81	cps
Phosphorus	31-2	1110	1103	930	1048	9.74	cps
Potassium	39-2	839757	835419	836817	837331	0.26	cps
Rhodium	103-1	11745254	11969164	10445117	11386512	7.23	cps
Rhodium	103-2	7253857	7158149	7079828	7163945	1.22	cps
Scandium	45-1	6876263	6783813	5980937	6547004	7.52	cps
Scandium	45-2	601784	593221	587922	594309	1.18	cps
Selenium	82-1	311	292	237	280	13.88	cps
Selenium	77-2	17	20	27	21	24.12	cps
Selenium	78-2	567	513	450	510	11.45	cps
Silicon	28-1	13413125	13627357	13666353	13568945	1.00	cps
Silver	107-1	17945	17891	18212	18016	0.95	cps
Silver	109-1	16713	16917	17210	16947	1.48	cps
Sodium	23-2	1242652	1232380	1232747	1235927	0.47	cps
Strontium	86-1	112617	111733	112788	112379	0.50	cps
Strontium	88-1	977048	981487	982391	980309	0.29	cps
Sulfur	34-1	166894	170179	170206	169093	1.13	cps
Terbium	159-1	16529600	16325399	14450948	15768649	7.27	cps
Terbium	159-2	11549094	11430499	11236382	11405325	1.38	cps
Thallium	203-1	4041	3837	3771	3883	3.62	cps
Thallium	205-1	9350	8946	9096	9131	2.24	cps
Tin	118-1	1067669	1084845	1087706	1080073	1.00	cps
Titanium	47-1	152448	155627	154466	154180	1.04	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL3X10	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	10
Date & Time Acquired :	2024-12-28 01:28:06	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20229	20703	20336	20422	1.22	cps
Vanadium	51-2	35017	35067	34356	34813	1.14	cps
Yttrium	89-1	19559237	19473032	16959899	18664056	7.91	cps
Yttrium	89-2	5491801	5333525	5300367	5375231	1.90	cps
Zinc	66-2	2312441	2270825	2292798	2292021	0.91	cps
Zirconium	90-1	46403	46600	48112	47038	1.99	cps
Zirconium	91-1	11188	11511	11481	11393	1.57	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL4X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:31:18	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	355328	356314	353662	355101	0.38	cps
Antimony	121-1	1979292	2012642	2016690	2002875	1.02	cps
Arsenic	75-2	270486	270924	268888	270099	0.40	cps
Barium	135-1	103596	104751	102767	103705	0.96	cps
Barium	137-1	183139	184122	182806	183355	0.37	cps
Beryllium	9-1	163	200	170	178	10.98	cps
Bismuth	209-1	9775105	9890195	9746905	9804068	0.77	cps
Bismuth	209-2	8312458	8383053	8408173	8367894	0.59	cps
Bromine	81-1	14410	14394	14928	14577	2.08	cps
Bromine	81-2	227	357	263	282	23.75	cps
Cadmium	108-1	160	230	170	187	20.28	cps
Cadmium	106-1	4621	4594	4501	4572	1.38	cps
Cadmium	111-1	2016	2081	2052	2050	1.60	cps
Calcium	43-1	88264	86763	88549	87859	1.09	cps
Calcium	44-1	1373753	1360910	1386698	1373787	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12675	12525	12275	12492	1.62	cps
Cobalt	59-2	301504	299046	299315	299955	0.45	cps
Copper	63-2	963643	964458	955528	961210	0.51	cps
Dysprosium	156-1	1537	1683	1630	1617	4.59	cps
Dysprosium	156-2	1427	1390	1273	1363	5.87	cps
Erbium	164-1	2104	2104	1960	2056	4.03	cps
Erbium	164-2	1417	1583	1493	1498	5.57	cps
Gadolinium	160-1	1590	1597	1593	1593	0.21	cps
Gadolinium	160-2	1863	1743	1940	1849	5.36	cps
Holmium	165-1	15898008	16087437	15818363	15934603	0.87	cps
Holmium	165-2	11611674	11549700	11596957	11586110	0.28	cps
Indium	115-1	13364754	13144236	13271346	13260112	0.83	cps
Indium	115-2	4994998	4993664	4914875	4967846	0.92	cps
Iron	56-2	58311824	58112679	57222221	57882241	1.00	cps
Iron	57-2	1446847	1430887	1399330	1425688	1.70	cps
Iron	54-2	3179137	3133269	3136936	3149781	0.81	cps
Krypton	83-1	180	193	157	177	10.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL4X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:31:18	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2605110	2649958	2608012	2621027	0.96	cps
Lead	207-1	2254420	2309387	2307024	2290277	1.36	cps
Lead	208-1	10337754	10527286	10379933	10414991	0.96	cps
Lithium	6-1	1926838	1970690	1904628	1934052	1.74	cps
Magnesium	24-2	170334	168646	167830	168937	0.76	cps
Manganese	55-2	334692	331658	331915	332755	0.51	cps
Molybdenum	94-1	22317	21957	21576	21950	1.69	cps
Molybdenum	95-1	25222	25552	25576	25450	0.78	cps
Molybdenum	96-1	29089	29032	30081	29401	2.01	cps
Molybdenum	97-1	15435	16142	16216	15931	2.71	cps
Molybdenum	98-1	41482	41101	40656	41080	1.01	cps
Neodymium	150-1	2457	2364	2200	2340	5.55	cps
Neodymium	150-2	1503	1457	1360	1440	5.08	cps
Nickel	60-2	8336	8162	8189	8229	1.13	cps
Phosphorus	31-2	483	550	523	519	6.47	cps
Potassium	39-2	373717	375749	368343	372603	1.03	cps
Rhodium	103-1	11967444	11823593	11921179	11904072	0.62	cps
Rhodium	103-2	7195696	7155939	7160518	7170717	0.30	cps
Scandium	45-1	6843274	6806852	6750376	6800167	0.69	cps
Scandium	45-2	595264	594558	588540	592788	0.62	cps
Selenium	82-1	262	204	242	236	12.46	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	497	480	540	506	6.13	cps
Silicon	28-1	5852041	6004826	5908302	5921723	1.30	cps
Silver	107-1	7162	7702	7295	7386	3.81	cps
Silver	109-1	7065	6992	7138	7065	1.04	cps
Sodium	23-2	492335	491871	489342	491183	0.33	cps
Strontium	86-1	46343	45975	45955	46091	0.47	cps
Strontium	88-1	394313	399986	400169	398156	0.84	cps
Sulfur	34-1	149456	151741	152280	151159	0.99	cps
Terbium	159-1	16495576	16406535	16323822	16408644	0.52	cps
Terbium	159-2	11402728	11446234	11343486	11397483	0.45	cps
Thallium	203-1	1710	1663	1680	1685	1.40	cps
Thallium	205-1	4177	4064	4001	4081	2.19	cps
Tin	118-1	437978	443302	440177	440486	0.61	cps
Titanium	47-1	62719	63057	62639	62805	0.35	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5363-09DL4X25	Instrumnet Name :	P7
Client Sample ID :	MJNKB6	Dilution Factor :	25
Date & Time Acquired :	2024-12-28 01:31:18	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8073	8036	8216	8108	1.17	cps
Vanadium	51-2	14120	14147	14013	14093	0.50	cps
Yttrium	89-1	19483123	19284157	19221101	19329460	0.71	cps
Yttrium	89-2	5311501	5287162	5381274	5326646	0.92	cps
Zinc	66-2	926090	929762	915387	923746	0.81	cps
Zirconium	90-1	19817	19977	20588	20127	2.02	cps
Zirconium	91-1	4694	4447	4567	4570	2.70	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:34:29	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4375967	4389054	4414942	4393321	0.45	cps
Antimony	121-1	27565015	27719160	27910773	27731649	0.62	cps
Arsenic	75-2	4030848	4047796	4045983	4041543	0.23	cps
Barium	135-1	689430	703660	700589	697893	1.07	cps
Barium	137-1	1204439	1214098	1213209	1210582	0.44	cps
Beryllium	9-1	2254	2100	2210	2188	3.61	cps
Bismuth	209-1	10557969	10177942	10309869	10348594	1.86	cps
Bismuth	209-2	8781998	8981064	8829033	8864032	1.17	cps
Bromine	81-1	38226	40743	40910	39960	3.76	cps
Bromine	81-2	5661	5678	5551	5630	1.22	cps
Cadmium	108-1	7839	8149	7822	7937	2.32	cps
Cadmium	106-1	15408	15685	16156	15750	2.40	cps
Cadmium	111-1	90783	91994	91799	91525	0.71	cps
Calcium	43-1	1550426	1559460	1554263	1554716	0.29	cps
Calcium	44-1	24598430	25150570	24988787	24912596	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1834385	1791558	1796609	1807517	1.29	cps
Cobalt	59-2	4846950	4861530	4890838	4866440	0.46	cps
Copper	63-2	12668641	12750151	12668503	12695765	0.37	cps
Dysprosium	156-1	29103	29401	29945	29483	1.45	cps
Dysprosium	156-2	25386	25143	24628	25052	1.54	cps
Erbium	164-1	28669	28519	28877	28688	0.63	cps
Erbium	164-2	21296	21199	20549	21015	1.93	cps
Gadolinium	160-1	27975	28930	28683	28529	1.74	cps
Gadolinium	160-2	21660	22308	22428	22132	1.87	cps
Holmium	165-1	16768691	16544244	16686091	16666342	0.68	cps
Holmium	165-2	12142006	12332064	12174299	12216123	0.83	cps
Indium	115-1	15565054	15329953	15520042	15471683	0.81	cps
Indium	115-2	5879607	5846280	5874823	5866903	0.31	cps
Iron	56-2	836590334	837823481	830157828	834857214	0.49	cps
Iron	57-2	20640177	20616686	20611641	20622834	0.07	cps
Iron	54-2	45200714	45471336	45023784	45231945	0.50	cps
Krypton	83-1	240	243	330	271	18.82	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:34:29	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	34761029	35331677	35190757	35094488	0.85	cps
Lead	207-1	30611711	30629550	30727208	30656156	0.20	cps
Lead	208-1	139877220	139628981	139927840	139811347	0.11	cps
Lithium	6-1	2058095	2036806	2041617	2045506	0.55	cps
Magnesium	24-2	3071120	3151892	3061581	3094864	1.60	cps
Manganese	55-2	2958676	2935554	2978935	2957722	0.73	cps
Molybdenum	94-1	1653434	1697762	1705479	1685558	1.67	cps
Molybdenum	95-1	2715004	2723084	2760650	2732912	0.89	cps
Molybdenum	96-1	2980386	3007959	3033692	3007346	0.89	cps
Molybdenum	97-1	1697505	1751637	1711250	1720130	1.64	cps
Molybdenum	98-1	4422800	4463754	4437279	4441278	0.47	cps
Neodymium	150-1	44650	46259	45965	45625	1.88	cps
Neodymium	150-2	28128	28279	28255	28221	0.29	cps
Nickel	60-2	155001	154869	154533	154801	0.16	cps
Phosphorus	31-2	14240	14323	14213	14259	0.40	cps
Potassium	39-2	2242796	2188768	2168253	2199939	1.75	cps
Rhodium	103-1	12290044	12102488	12326186	12239573	0.98	cps
Rhodium	103-2	7439589	7468134	7435939	7447887	0.24	cps
Scandium	45-1	7310711	7188187	7224960	7241286	0.87	cps
Scandium	45-2	641054	636827	638136	638672	0.34	cps
Selenium	82-1	2942	3003	2999	2982	1.15	cps
Selenium	77-2	423	340	343	369	12.79	cps
Selenium	78-2	1550	1500	1493	1515	2.05	cps
Silicon	28-1	56632894	56715287	57177119	56841767	0.52	cps
Silver	107-1	83733	82989	83515	83412	0.46	cps
Silver	109-1	78025	78870	79322	78739	0.84	cps
Sodium	23-2	8723410	8782128	8761114	8755551	0.34	cps
Strontium	86-1	923615	945616	939311	936181	1.21	cps
Strontium	88-1	8390419	8493468	8363293	8415727	0.82	cps
Sulfur	34-1	345430	352085	355206	350907	1.42	cps
Terbium	159-1	17187827	16984941	17262090	17144953	0.84	cps
Terbium	159-2	12012116	11920616	11786341	11906358	0.95	cps
Thallium	203-1	129505	131958	132372	131278	1.18	cps
Thallium	205-1	309105	313195	313106	311802	0.75	cps
Tin	118-1	5122295	5202438	5203698	5176144	0.90	cps
Titanium	47-1	1128296	1153868	1157673	1146613	1.39	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5364-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKB1A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:34:29	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	188122	190237	189256	189205	0.56	cps
Vanadium	51-2	203767	204766	205533	204689	0.43	cps
Yttrium	89-1	20841324	20624394	20637288	20701002	0.59	cps
Yttrium	89-2	5839425	5809479	5816602	5821835	0.27	cps
Zinc	66-2	11996074	11776172	11772336	11848194	1.08	cps
Zirconium	90-1	382372	392013	393017	389134	1.51	cps
Zirconium	91-1	91392	91308	91754	91485	0.26	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04A	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:37:25	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3153861	3205813	3198650	3186108	0.88	cps
Antimony	121-1	71305	69299	69812	70139	1.49	cps
Arsenic	75-2	31263	31714	31654	31544	0.78	cps
Barium	135-1	584948	582452	579073	582158	0.51	cps
Barium	137-1	1022797	1012652	1008281	1014576	0.73	cps
Beryllium	9-1	1410	1363	1413	1396	2.00	cps
Bismuth	209-1	9969739	10010468	10016711	9998973	0.26	cps
Bismuth	209-2	8320325	8337724	8398121	8352057	0.49	cps
Bromine	81-1	18545	17828	17707	18027	2.51	cps
Bromine	81-2	940	923	927	930	0.95	cps
Cadmium	108-1	1070	1203	1090	1121	6.41	cps
Cadmium	106-1	6722	6645	6455	6607	2.08	cps
Cadmium	111-1	16097	15726	15915	15912	1.17	cps
Calcium	43-1	2295374	2317784	2257362	2290173	1.33	cps
Calcium	44-1	37094209	36725599	36474019	36764609	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212269	213888	212755	212971	0.39	cps
Cobalt	59-2	136477	136335	136604	136472	0.10	cps
Copper	63-2	233628	233693	234288	233870	0.16	cps
Dysprosium	156-1	56122	56081	56295	56166	0.20	cps
Dysprosium	156-2	46249	46477	46182	46303	0.33	cps
Erbium	164-1	48514	48624	48745	48628	0.24	cps
Erbium	164-2	34613	34359	34245	34406	0.55	cps
Gadolinium	160-1	54961	55275	55864	55367	0.83	cps
Gadolinium	160-2	41675	41053	41983	41570	1.14	cps
Holmium	165-1	16658602	16500570	16774849	16644674	0.83	cps
Holmium	165-2	11674314	11798949	11650543	11707935	0.68	cps
Indium	115-1	13261416	12970779	12919430	13050542	1.41	cps
Indium	115-2	4691854	4674969	4748196	4705006	0.81	cps
Iron	56-2	187831831	187551051	188647011	188009964	0.30	cps
Iron	57-2	4691821	4648011	4680259	4673364	0.49	cps
Iron	54-2	10149398	10117573	10227761	10164911	0.56	cps
Krypton	83-1	287	307	270	288	6.38	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04A	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:37:25	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	824642	830652	834766	830020	0.61	cps
Lead	207-1	670146	675375	675961	673827	0.48	cps
Lead	208-1	3152903	3170250	3175197	3166117	0.37	cps
Lithium	6-1	2004600	2046095	2017253	2022650	1.05	cps
Magnesium	24-2	14193786	14067834	14092753	14118124	0.47	cps
Manganese	55-2	6211106	6178836	6322556	6237499	1.21	cps
Molybdenum	94-1	41843	41275	41632	41583	0.69	cps
Molybdenum	95-1	23352	23011	22985	23116	0.89	cps
Molybdenum	96-1	32202	32566	30919	31896	2.71	cps
Molybdenum	97-1	14517	14134	14447	14366	1.42	cps
Molybdenum	98-1	37548	38090	36596	37411	2.02	cps
Neodymium	150-1	87191	87946	87627	87588	0.43	cps
Neodymium	150-2	52685	52915	51811	52470	1.11	cps
Nickel	60-2	102890	102013	103342	102748	0.66	cps
Phosphorus	31-2	12408	12235	11898	12180	2.13	cps
Potassium	39-2	1166609	1161061	1169727	1165799	0.38	cps
Rhodium	103-1	12009201	11792941	11744236	11848793	1.19	cps
Rhodium	103-2	7044633	6897220	6990173	6977342	1.07	cps
Scandium	45-1	6982924	6801891	6784892	6856569	1.60	cps
Scandium	45-2	577902	573299	579371	576857	0.55	cps
Selenium	82-1	2620	2521	2484	2542	2.77	cps
Selenium	77-2	397	347	440	394	11.84	cps
Selenium	78-2	1277	1367	1187	1277	7.05	cps
Silicon	28-1	29268592	28930426	28463967	28887662	1.40	cps
Silver	107-1	5358	4861	4954	5058	5.22	cps
Silver	109-1	5058	4614	4574	4749	5.65	cps
Sodium	23-2	150662	151974	151510	151382	0.44	cps
Strontium	86-1	299177	301777	297563	299506	0.71	cps
Strontium	88-1	2666403	2654258	2670681	2663781	0.32	cps
Sulfur	34-1	228321	224353	222797	225157	1.27	cps
Terbium	159-1	16906942	16950242	16815554	16890913	0.41	cps
Terbium	159-2	11398277	11550634	11466475	11471795	0.67	cps
Thallium	203-1	32545	32105	32332	32327	0.68	cps
Thallium	205-1	77070	76363	76279	76571	0.57	cps
Tin	118-1	18205	18268	18388	18287	0.51	cps
Titanium	47-1	320909	318926	311689	317175	1.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5266-04A	Instrumnet Name :	P7
Client Sample ID :	ME28Y9A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:37:25	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43324	44270	44407	44000	1.34	cps
Vanadium	51-2	158257	158613	160152	159007	0.63	cps
Yttrium	89-1	20630947	20060083	20186799	20292610	1.48	cps
Yttrium	89-2	5398212	5432967	5376285	5402488	0.53	cps
Zinc	66-2	586351	583361	583711	584475	0.28	cps
Zirconium	90-1	77382	76974	76685	77014	0.45	cps
Zirconium	91-1	17397	17240	17170	17269	0.67	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04A	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:40:37	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6026755	6092557	5961974	6027095	1.08	cps
Antimony	121-1	47421	47528	47786	47578	0.39	cps
Arsenic	75-2	35843	35262	35840	35648	0.94	cps
Barium	135-1	808949	809350	801634	806644	0.54	cps
Barium	137-1	1399922	1407310	1396302	1401178	0.40	cps
Beryllium	9-1	2067	2000	1953	2007	2.84	cps
Bismuth	209-1	10007949	10080313	9928427	10005563	0.76	cps
Bismuth	209-2	8343510	8273228	8354103	8323613	0.53	cps
Bromine	81-1	15068	15325	15175	15189	0.85	cps
Bromine	81-2	533	553	523	537	2.85	cps
Cadmium	108-1	280	260	210	250	14.42	cps
Cadmium	106-1	5328	5154	5294	5259	1.75	cps
Cadmium	111-1	2579	2602	2578	2586	0.54	cps
Calcium	43-1	2814486	2850093	2807462	2824014	0.81	cps
Calcium	44-1	45537086	45621516	45078124	45412242	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	209261	212562	210961	210928	0.78	cps
Cobalt	59-2	211295	209109	209586	209997	0.55	cps
Copper	63-2	266178	265459	264149	265262	0.39	cps
Dysprosium	156-1	80200	81132	78793	80042	1.47	cps
Dysprosium	156-2	64514	65187	64500	64734	0.61	cps
Erbium	164-1	66581	68550	67917	67683	1.49	cps
Erbium	164-2	48333	47544	48467	48115	1.04	cps
Gadolinium	160-1	78109	81069	79899	79693	1.87	cps
Gadolinium	160-2	60155	60081	59392	59876	0.70	cps
Holmium	165-1	16622021	16641846	16473177	16579015	0.56	cps
Holmium	165-2	11694750	11786005	11807736	11762831	0.51	cps
Indium	115-1	12797032	12964407	12797694	12853045	0.75	cps
Indium	115-2	4717774	4679955	4656478	4684736	0.66	cps
Iron	56-2	236941296	235947696	236093523	236327505	0.23	cps
Iron	57-2	6059061	5885388	5876219	5940223	1.73	cps
Iron	54-2	12894265	12903210	12760527	12852667	0.62	cps
Krypton	83-1	330	257	277	288	13.17	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04A	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:40:37	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	362861	367570	367231	365887	0.72	cps
Lead	207-1	294979	294913	295260	295051	0.06	cps
Lead	208-1	1382188	1393870	1395722	1390593	0.53	cps
Lithium	6-1	2028182	1983365	2015196	2008914	1.15	cps
Magnesium	24-2	15129473	15197037	15059802	15128771	0.45	cps
Manganese	55-2	3813626	3769950	3735498	3773024	1.04	cps
Molybdenum	94-1	62472	63966	63482	63307	1.20	cps
Molybdenum	95-1	18035	17400	17748	17727	1.79	cps
Molybdenum	96-1	30432	30398	31441	30757	1.93	cps
Molybdenum	97-1	11151	10771	10887	10936	1.78	cps
Molybdenum	98-1	28919	28321	28257	28499	1.28	cps
Neodymium	150-1	124127	122803	123256	123395	0.55	cps
Neodymium	150-2	75125	74267	73634	74342	1.01	cps
Nickel	60-2	136450	135347	135351	135716	0.47	cps
Phosphorus	31-2	13306	13112	13619	13346	1.92	cps
Potassium	39-2	2122619	2002212	1970737	2031856	3.95	cps
Rhodium	103-1	11656652	11622702	11574769	11618041	0.35	cps
Rhodium	103-2	6976839	6910326	6856253	6914473	0.87	cps
Scandium	45-1	6879921	6757257	6733096	6790091	1.16	cps
Scandium	45-2	577956	579453	575266	577558	0.37	cps
Selenium	82-1	2496	2449	2407	2451	1.81	cps
Selenium	77-2	407	407	433	416	3.70	cps
Selenium	78-2	1160	1323	1280	1255	6.75	cps
Silicon	28-1	10861234	12110509	9668300	10880014	11.22	cps
Silver	107-1	2267	2197	2327	2264	2.88	cps
Silver	109-1	2097	2014	1987	2032	2.82	cps
Sodium	23-2	207476	208893	206665	207678	0.54	cps
Strontium	86-1	495761	498809	497351	497307	0.31	cps
Strontium	88-1	4554144	4497847	4464616	4505536	1.00	cps
Sulfur	34-1	229701	232488	229757	230649	0.69	cps
Terbium	159-1	17071128	16785567	16952026	16936240	0.85	cps
Terbium	159-2	11706032	11527820	11558558	11597470	0.82	cps
Thallium	203-1	31687	31583	31994	31755	0.67	cps
Thallium	205-1	74727	75236	75612	75192	0.59	cps
Tin	118-1	12756	12562	12572	12630	0.86	cps
Titanium	47-1	364943	361880	363042	363289	0.43	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5352-04A	Instrumnet Name :	P7
Client Sample ID :	ME2926A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:40:37	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70449	70620	69132	70067	1.16	cps
Vanadium	51-2	228234	227221	226835	227430	0.32	cps
Yttrium	89-1	20536330	20267755	20131959	20312014	1.01	cps
Yttrium	89-2	5477651	5475874	5405694	5453073	0.75	cps
Zinc	66-2	149224	149576	146921	148574	0.97	cps
Zirconium	90-1	145412	144545	160929	150295	6.13	cps
Zirconium	91-1	31524	30829	30485	30946	1.71	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:43:51	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7942154	7820844	7790572	7851190	1.02	cps
Antimony	121-1	47488	47919	47789	47732	0.46	cps
Arsenic	75-2	18218	17711	18281	18070	1.73	cps
Barium	135-1	322844	325351	325674	324623	0.48	cps
Barium	137-1	560475	571115	568606	566732	0.98	cps
Beryllium	9-1	1473	1617	1577	1556	4.75	cps
Bismuth	209-1	10230388	10153342	9920498	10101409	1.60	cps
Bismuth	209-2	8470484	8565407	8565116	8533669	0.64	cps
Bromine	81-1	18211	20057	19576	19282	4.97	cps
Bromine	81-2	1223	1183	1327	1245	5.94	cps
Cadmium	108-1	777	670	787	744	8.69	cps
Cadmium	106-1	5935	6371	6105	6137	3.59	cps
Cadmium	111-1	10521	10952	10669	10714	2.04	cps
Calcium	43-1	414676	428805	428156	423879	1.88	cps
Calcium	44-1	6548516	6728834	6677545	6651632	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161777	159786	160948	160837	0.62	cps
Cobalt	59-2	261463	258951	263622	261345	0.89	cps
Copper	63-2	556648	550768	553300	553572	0.53	cps
Dysprosium	156-1	48727	49065	49246	49013	0.54	cps
Dysprosium	156-2	39445	40264	41488	40399	2.54	cps
Erbium	164-1	48979	50401	51033	50137	2.10	cps
Erbium	164-2	36341	35916	36103	36120	0.59	cps
Gadolinium	160-1	48233	48657	48694	48528	0.53	cps
Gadolinium	160-2	36050	37203	36872	36708	1.62	cps
Holmium	165-1	16778814	16628902	16647260	16684992	0.49	cps
Holmium	165-2	12063448	12100506	11977378	12047111	0.52	cps
Indium	115-1	13342178	13415862	13357715	13371918	0.29	cps
Indium	115-2	5004976	5000655	4976377	4994003	0.31	cps
Iron	56-2	247533010	245521796	246947930	246667579	0.42	cps
Iron	57-2	6103438	6077217	6014731	6065129	0.75	cps
Iron	54-2	13303586	13397009	13405269	13368621	0.42	cps
Krypton	83-1	240	267	290	266	9.42	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:43:51	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	959208	961837	950744	957263	0.61	cps
Lead	207-1	800856	806362	802977	803398	0.35	cps
Lead	208-1	3864280	3823145	3841027	3842817	0.54	cps
Lithium	6-1	2026446	2053092	2005168	2028235	1.18	cps
Magnesium	24-2	6215750	6215204	6212953	6214636	0.02	cps
Manganese	55-2	3617780	3591964	3605259	3605001	0.36	cps
Molybdenum	94-1	42435	44106	43056	43199	1.96	cps
Molybdenum	95-1	5461	5471	5378	5437	0.94	cps
Molybdenum	96-1	14387	15378	16112	15293	5.66	cps
Molybdenum	97-1	3384	3460	3494	3446	1.64	cps
Molybdenum	98-1	8496	8429	8766	8564	2.08	cps
Neodymium	150-1	70012	72317	71902	71411	1.72	cps
Neodymium	150-2	45075	44012	43764	44284	1.57	cps
Nickel	60-2	82465	83098	82572	82712	0.41	cps
Phosphorus	31-2	10807	11007	11154	10990	1.58	cps
Potassium	39-2	616537	614046	614779	615121	0.21	cps
Rhodium	103-1	12034379	12314660	12306291	12218443	1.31	cps
Rhodium	103-2	7531700	7475381	7404078	7470386	0.86	cps
Scandium	45-1	7116632	7111040	7199132	7142268	0.69	cps
Scandium	45-2	644462	638207	639642	640770	0.51	cps
Selenium	82-1	2512	2545	2560	2539	0.96	cps
Selenium	77-2	427	397	370	398	7.13	cps
Selenium	78-2	1420	1457	1513	1463	3.21	cps
Silicon	28-1	13467333	14105243	13321921	13631499	3.06	cps
Silver	107-1	1230	1367	1307	1301	5.27	cps
Silver	109-1	1270	1070	1137	1159	8.79	cps
Sodium	23-2	210285	210842	211636	210921	0.32	cps
Strontium	86-1	291684	296812	298441	295646	1.19	cps
Strontium	88-1	2629834	2718254	2694702	2680930	1.71	cps
Sulfur	34-1	179271	175491	172532	175765	1.92	cps
Terbium	159-1	17036954	17158629	16806616	17000733	1.05	cps
Terbium	159-2	11939656	11930549	11641814	11837340	1.43	cps
Thallium	203-1	33357	33916	34580	33951	1.80	cps
Thallium	205-1	80520	80144	80406	80356	0.24	cps
Tin	118-1	20468	21179	21630	21092	2.78	cps
Titanium	47-1	371827	381228	386267	379774	1.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5347-05A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ5A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:43:51	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39606	38606	39763	39325	1.60	cps
Vanadium	51-2	553723	552065	550796	552195	0.27	cps
Yttrium	89-1	20632023	21132494	20872118	20878878	1.20	cps
Yttrium	89-2	5836817	5773810	5761926	5790851	0.70	cps
Zinc	66-2	121405	122396	122322	122041	0.45	cps
Zirconium	90-1	110936	108744	109669	109783	1.00	cps
Zirconium	91-1	23526	24808	25392	24575	3.89	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:47:04	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5251877	5271528	5245122	5256176	0.26	cps
Antimony	121-1	57290	57317	56989	57199	0.32	cps
Arsenic	75-2	145781	145044	145801	145542	0.30	cps
Barium	135-1	457479	456275	453397	455717	0.46	cps
Barium	137-1	800141	796062	790221	795475	0.63	cps
Beryllium	9-1	1117	1160	1007	1094	7.22	cps
Bismuth	209-1	9951674	9960706	9607256	9839879	2.05	cps
Bismuth	209-2	8318681	8353375	8376060	8349372	0.35	cps
Bromine	81-1	14821	14918	15114	14951	1.00	cps
Bromine	81-2	450	413	367	410	10.19	cps
Cadmium	108-1	1167	1077	1190	1145	5.23	cps
Cadmium	106-1	7595	7395	7028	7340	3.92	cps
Cadmium	111-1	7830	7816	7210	7619	4.65	cps
Calcium	43-1	429910	435031	434679	433206	0.66	cps
Calcium	44-1	6785068	6801197	6725606	6770624	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128579	127990	129406	128658	0.55	cps
Cobalt	59-2	185902	185180	185359	185480	0.20	cps
Copper	63-2	337856	337867	338578	338100	0.12	cps
Dysprosium	156-1	103921	103074	102507	103167	0.69	cps
Dysprosium	156-2	82916	83278	84237	83477	0.82	cps
Erbium	164-1	102469	102989	104178	103212	0.85	cps
Erbium	164-2	73613	73619	73167	73466	0.35	cps
Gadolinium	160-1	105513	106165	105728	105802	0.31	cps
Gadolinium	160-2	78729	79430	78475	78878	0.63	cps
Holmium	165-1	16623222	16465895	16330186	16473101	0.89	cps
Holmium	165-2	11666804	11750051	11627172	11681342	0.54	cps
Indium	115-1	13072922	12957807	12820834	12950521	0.97	cps
Indium	115-2	4771596	4751441	4783185	4768741	0.34	cps
Iron	56-2	244246203	244990270	244585270	244607247	0.15	cps
Iron	57-2	6042209	6022551	5998047	6020936	0.37	cps
Iron	54-2	13346471	13104874	13231887	13227744	0.91	cps
Krypton	83-1	317	357	250	308	17.51	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:47:04	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	395961	395767	394284	395337	0.23	cps
Lead	207-1	332543	335777	333824	334048	0.49	cps
Lead	208-1	1541617	1549586	1540831	1544011	0.31	cps
Lithium	6-1	1977569	1956880	1939888	1958112	0.96	cps
Magnesium	24-2	5479306	5561964	5554703	5531991	0.83	cps
Manganese	55-2	3265275	3219835	3218210	3234440	0.83	cps
Molybdenum	94-1	308193	310718	308153	309021	0.48	cps
Molybdenum	95-1	5614	5464	5464	5514	1.57	cps
Molybdenum	96-1	60484	59959	60213	60219	0.44	cps
Molybdenum	97-1	3327	3200	3277	3268	1.95	cps
Molybdenum	98-1	8879	8463	8616	8653	2.44	cps
Neodymium	150-1	150237	152229	150568	151011	0.71	cps
Neodymium	150-2	93067	93339	92504	92970	0.46	cps
Nickel	60-2	90125	88730	88677	89177	0.92	cps
Phosphorus	31-2	34729	34308	34940	34659	0.93	cps
Potassium	39-2	664608	660234	663990	662944	0.36	cps
Rhodium	103-1	12173002	11930969	11778134	11960701	1.66	cps
Rhodium	103-2	7091601	7025299	7084320	7067073	0.51	cps
Scandium	45-1	7214575	7134163	7037803	7128847	1.24	cps
Scandium	45-2	607840	605317	609309	607489	0.33	cps
Selenium	82-1	2731	2537	2572	2613	3.96	cps
Selenium	77-2	487	410	623	507	21.33	cps
Selenium	78-2	1417	1490	1433	1447	2.66	cps
Silicon	28-1	15665846	15554604	15547058	15589169	0.43	cps
Silver	107-1	1563	1467	1340	1457	7.69	cps
Silver	109-1	990	893	997	960	6.02	cps
Sodium	23-2	551988	549908	548269	550055	0.34	cps
Strontium	86-1	319876	315281	318619	317925	0.75	cps
Strontium	88-1	2840393	2884193	2862956	2862514	0.77	cps
Sulfur	34-1	164893	160624	159701	161739	1.71	cps
Terbium	159-1	16951913	16676736	16456331	16694993	1.49	cps
Terbium	159-2	11436057	11435587	11571776	11481140	0.68	cps
Thallium	203-1	31202	30802	31490	31165	1.11	cps
Thallium	205-1	73818	74640	74305	74254	0.56	cps
Tin	118-1	20428	20535	20819	20594	0.98	cps
Titanium	47-1	4646523	4657248	4579863	4627878	0.91	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	P5250-06A	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2A	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:47:04	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39927	40488	40485	40300	0.80	cps
Vanadium	51-2	584861	582279	584091	583744	0.23	cps
Yttrium	89-1	21310789	21286483	21117985	21238419	0.49	cps
Yttrium	89-2	5658098	5661424	5749878	5689800	0.91	cps
Zinc	66-2	114605	115018	113876	114500	0.50	cps
Zirconium	90-1	830050	838617	835327	834665	0.52	cps
Zirconium	91-1	185095	186320	185729	185715	0.33	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:50:19	DataFile Name :	183CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11873847	11950094	11939894	11921279	0.35	cps
Antimony	121-1	5752649	5684849	5714232	5717243	0.59	cps
Arsenic	75-2	269954	270160	269009	269708	0.23	cps
Barium	135-1	7456929	7414588	7362059	7411192	0.64	cps
Barium	137-1	12827356	12789603	12664663	12760541	0.67	cps
Beryllium	9-1	660628	659047	661134	660270	0.16	cps
Bismuth	209-1	8868097	8795546	8860626	8841423	0.45	cps
Bismuth	209-2	7458147	7356209	7418645	7411000	0.69	cps
Bromine	81-1	12605	12232	12215	12351	1.79	cps
Bromine	81-2	110	140	97	116	19.21	cps
Cadmium	108-1	103103	102952	103445	103167	0.25	cps
Cadmium	106-1	149918	148490	146745	148384	1.07	cps
Cadmium	111-1	1408820	1401104	1399939	1403288	0.34	cps
Calcium	43-1	7068574	6964198	6915677	6982816	1.12	cps
Calcium	44-1	113584628	110967002	110397218	111649616	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2061735	2090115	2062537	2071462	0.78	cps
Cobalt	59-2	3202173	3210516	3195986	3202892	0.23	cps
Copper	63-2	22549373	22545541	22358041	22484318	0.49	cps
Dysprosium	156-1	293	260	237	263	10.82	cps
Dysprosium	156-2	477	480	590	516	12.51	cps
Erbium	164-1	360	293	367	340	11.93	cps
Erbium	164-2	210	233	200	214	7.98	cps
Gadolinium	160-1	283	277	277	279	1.38	cps
Gadolinium	160-2	753	763	757	758	0.67	cps
Holmium	165-1	15379018	15132400	15146144	15219187	0.91	cps
Holmium	165-2	10922642	10864842	10790992	10859492	0.61	cps
Indium	115-1	11417468	11312745	11114933	11281716	1.36	cps
Indium	115-2	4166203	4097734	4137998	4133979	0.83	cps
Iron	56-2	486931446	485861966	486694459	486495957	0.12	cps
Iron	57-2	12192999	12230506	12091733	12171746	0.59	cps
Iron	54-2	26601284	26160394	26482270	26414649	0.86	cps
Krypton	83-1	223	163	220	202	16.67	cps

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Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:50:19	DataFile Name :	183CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22930252	22710353	22714720	22785108	0.55	cps
Lead	207-1	20037012	20123798	19858068	20006293	0.68	cps
Lead	208-1	91174182	91734672	91043246	91317367	0.40	cps
Lithium	6-1	1809337	1760492	1806316	1792049	1.53	cps
Magnesium	24-2	93233359	93525002	93515985	93424782	0.18	cps
Manganese	55-2	16992306	16792700	16930352	16905119	0.60	cps
Molybdenum	94-1	19430588	19423993	19181124	19345235	0.73	cps
Molybdenum	95-1	28786709	28200780	27956177	28314555	1.51	cps
Molybdenum	96-1	31337385	30972498	30746500	31018795	0.96	cps
Molybdenum	97-1	17710911	17444807	17522649	17559456	0.78	cps
Molybdenum	98-1	45736888	44691556	45149619	45192688	1.16	cps
Neodymium	150-1	437	543	513	498	11.05	cps
Neodymium	150-2	173	180	157	170	7.07	cps
Nickel	60-2	766868	762368	763776	764337	0.30	cps
Phosphorus	31-2	108682	107581	108118	108127	0.51	cps
Potassium	39-2	60318377	60073024	60136984	60176129	0.21	cps
Rhodium	103-1	10121903	9836323	9780987	9913071	1.85	cps
Rhodium	103-2	5972195	5961878	5950860	5961645	0.18	cps
Scandium	45-1	6065932	5898170	5855091	5939731	1.88	cps
Scandium	45-2	506936	512723	510291	509983	0.57	cps
Selenium	82-1	81988	81429	81240	81553	0.48	cps
Selenium	77-2	8479	8416	8646	8514	1.40	cps
Selenium	78-2	28761	28521	28975	28752	0.79	cps
Silicon	28-1	7114275	6997260	6955651	7022395	1.17	cps
Silver	107-1	6910462	6887928	6887486	6895292	0.19	cps
Silver	109-1	6731987	6570545	6593904	6632145	1.32	cps
Sodium	23-2	151096361	151196591	150689528	150994160	0.18	cps
Strontium	86-1	1793819	1776212	1768367	1779466	0.73	cps
Strontium	88-1	15470374	15370814	15483761	15441650	0.40	cps
Sulfur	34-1	538296	526844	523058	529399	1.50	cps
Terbium	159-1	15686869	15141754	15348526	15392383	1.79	cps
Terbium	159-2	10614619	10639029	10688788	10647479	0.36	cps
Thallium	203-1	5754644	5769366	5732030	5752014	0.33	cps
Thallium	205-1	13634475	13554218	13554490	13581061	0.34	cps
Tin	118-1	4702790	4762025	4682649	4715821	0.87	cps
Titanium	47-1	6589976	6487881	6446738	6508198	1.13	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:50:19	DataFile Name :	183CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18015769	18129481	18269920	18138390	0.70	cps
Vanadium	51-2	1862199	1870298	1864736	1865744	0.22	cps
Yttrium	89-1	17721431	17330656	17410829	17487639	1.18	cps
Yttrium	89-2	4714147	4671697	4731069	4705637	0.65	cps
Zinc	66-2	3886246	3895691	3825585	3869174	0.98	cps
Zirconium	90-1	9522099	9515623	9491243	9509655	0.17	cps
Zirconium	91-1	2095562	2097020	2105574	2099385	0.26	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:53:06	DataFile Name :	184CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1313	1150	1153	1206	7.74	cps
Antimony	121-1	3450	2740	2614	2935	15.37	cps
Arsenic	75-2	70	67	63	67	5.00	cps
Barium	135-1	1010	777	770	852	16.04	cps
Barium	137-1	1770	1297	1300	1456	18.71	cps
Beryllium	9-1	280	237	117	211	40.08	cps
Bismuth	209-1	10109429	9821640	9798102	9909724	1.75	cps
Bismuth	209-2	8252478	8190833	8194121	8212478	0.42	cps
Bromine	81-1	12148	11928	12239	12105	1.32	cps
Bromine	81-2	140	147	123	137	8.80	cps
Cadmium	108-1	43	27	30	33	26.45	cps
Cadmium	106-1	4487	4187	4111	4262	4.67	cps
Cadmium	111-1	1126	1052	1023	1067	4.97	cps
Calcium	43-1	1187	850	870	969	19.49	cps
Calcium	44-1	21128	17096	15825	18017	15.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2063	2124	2033	2073	2.21	cps
Cobalt	59-2	430	370	327	376	13.82	cps
Copper	63-2	3414	3164	3130	3236	4.79	cps
Dysprosium	156-1	10	7	20	12	56.76	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	77	73	87	79	8.80	cps
Erbium	164-2	30	73	57	53	40.98	cps
Gadolinium	160-1	40	50	47	46	11.18	cps
Gadolinium	160-2	610	620	553	594	6.05	cps
Holmium	165-1	15756599	15518121	15627637	15634119	0.76	cps
Holmium	165-2	11135213	11122307	11254109	11170543	0.65	cps
Indium	115-1	12493232	12169438	12257444	12306705	1.36	cps
Indium	115-2	4538181	4467177	4553545	4519634	1.02	cps
Iron	56-2	66630	64374	62419	64474	3.27	cps
Iron	57-2	2097	1897	1917	1970	5.59	cps
Iron	54-2	4774	4938	4521	4744	4.43	cps
Krypton	83-1	100	170	197	156	32.10	cps

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:53:06	DataFile Name :	184CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4161	3190	3040	3464	17.56	cps
Lead	207-1	3651	3007	2600	3086	17.16	cps
Lead	208-1	16581	13343	12359	14094	15.67	cps
Lithium	6-1	1929206	1908667	1941259	1926377	0.86	cps
Magnesium	24-2	8653	8102	7762	8172	5.50	cps
Manganese	55-2	1897	1740	1747	1795	4.94	cps
Molybdenum	94-1	3694	2844	2500	3013	20.40	cps
Molybdenum	95-1	4911	3560	3454	3975	20.43	cps
Molybdenum	96-1	5108	4034	3671	4271	17.50	cps
Molybdenum	97-1	2870	2340	2047	2419	17.25	cps
Molybdenum	98-1	7562	5988	5301	6284	18.45	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	553	580	580	571	2.70	cps
Phosphorus	31-2	113	117	143	124	13.22	cps
Potassium	39-2	55120	54671	54557	54783	0.54	cps
Rhodium	103-1	11348720	10852021	11000259	11067000	2.30	cps
Rhodium	103-2	6665381	6636221	6689347	6663649	0.40	cps
Scandium	45-1	6198546	5974280	5993451	6055426	2.05	cps
Scandium	45-2	528214	526939	529183	528112	0.21	cps
Selenium	82-1	225	149	131	168	29.77	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	327	413	373	371	11.69	cps
Silicon	28-1	460194	460406	468136	462912	0.98	cps
Silver	107-1	1630	1337	1197	1388	15.94	cps
Silver	109-1	1570	1110	1167	1282	19.56	cps
Sodium	23-2	39882	39360	38171	39137	2.24	cps
Strontium	86-1	503	463	490	486	4.19	cps
Strontium	88-1	2364	1753	1683	1933	19.35	cps
Sulfur	34-1	154946	155515	158219	156227	1.12	cps
Terbium	159-1	16293216	15768886	15837535	15966546	1.78	cps
Terbium	159-2	11002139	10851923	10895711	10916591	0.71	cps
Thallium	203-1	1813	1613	1307	1578	16.18	cps
Thallium	205-1	4457	3791	3207	3818	16.39	cps
Tin	118-1	2440	1893	1937	2090	14.54	cps
Titanium	47-1	1120	713	763	866	25.62	cps

Reviewed By:Mohan
On:12/30/2024 3:28:46 AM
Inst Id :P7

LB Number :	LB134112	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-12-28 01:53:06	DataFile Name :	184CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2370	1913	1673	1986	17.83	cps
Vanadium	51-2	173	197	187	186	6.31	cps
Yttrium	89-1	18290338	17732304	17802208	17941617	1.69	cps
Yttrium	89-2	4882221	4947461	4908663	4912782	0.67	cps
Zinc	66-2	530	570	640	580	9.60	cps
Zirconium	90-1	2407	2034	2070	2170	9.48	cps
Zirconium	91-1	570	477	367	471	21.61	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P5363

Test : Metals CLP MS-CLP4,Metals CLP4 MS

Prepbatch ID : PB165859,PB165866,

Sequence ID/Qc Batch ID: LB134112,LB134112,

Standard ID :
MP82128,MP83498,MP83499,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP836
28,MP83629,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83669,MP83670,MP83671,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5476,M5497,M5498,M5513,M5515,M5516,M5519,M5658,M5697,M5698
,M5739,M5751,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M582
0,M5873,M5874,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M5993,M5999,M6021,M6023,M6025,M6028,M60
30,M6033,M6040,M6055,M6121,M6125,M6126,W3112,

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Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
641	1:4 HCL	MP82128	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1500.00000ml of W3112 + 500.00000ml of M6040 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP83498	12/09/2024	01/03/2025	Janvi Patel	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6126 + 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
170	1:1HCL	MP83499	12/09/2024	12/28/2024	Eman Mughal	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6121 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP83619	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 25.00000ml of M6121 + 4925.00000ml of W3112 + 50.00000ml of M6126 = Final Quantity: 5000.000 ml

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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
3947	S7(SFAM,6020,200.8)	MP83620	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.10000ml of M5476 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6126 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6121 + 50.00000ml of M5304 + 832.50000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5751 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP83621	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 48.50000ml of W3112 + 50.00000ml of MP83620 = Final Quantity: 100.000 ml

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
3949	S5(SFAM,6020,200.8)	MP83622	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 73.50000ml of W3112 + 25.00000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP83623	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 86.00000ml of W3112 + 12.50000ml of MP83620 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83625	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83621 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83626	12/13/2024	01/07/2025	Sarabjit Jaswal	None	None	Mohan Bera 12/17/2024

FROM 0.05000ml of M5476 + 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6121 + 226.25000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83627	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 98.00000ml of W3112 + 0.50000ml of MP83626 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP83628	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83627 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83629	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP83630	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83619 = Final Quantity: 100.000 ml

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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	MP83631	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP83632	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5476 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6126 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5516 + 24.95000ml of M5769 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.50000ml of M5976 + 4.50000ml of M5978 + 4.95000ml of M6033 + 5.00000ml of M6121 + 826.10000ml of W3112 = Final Quantity: 1000.000 ml

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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	MP83633	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP83634	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83633 + 96.00000ml of MP83619 = Final Quantity: 100.000 ml

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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	MP83635	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 5.00000ml of M6126 + 75.00000ml of M5739 + 170.00000ml of MP83619 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP83636	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5516 + 5.00000ml of M5769 + 79.00000ml of MP83619 = Final Quantity: 100.000 ml

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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	MP83669	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.25000ml of M5476 + 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 M5751 + 0.50000ml of M5802 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M5976 + 1.25000ml of M5978 + 1.25000ml of M6021 + 10.00000ml of M6126 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5768 + 12.50000ml of M5806 + 150.00000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6121 + 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
3963	CONC.LCSW SPIKE	MP83670	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5289 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.25000ml of M5192 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.00000ml of M5515 + 1.25000ml of M5816 + 1.25000ml of M5820 + 2.50000ml of M5497 + 2.50000ml of M5519 + 2.50000ml of M5768 + 2.50000ml of M5806 + 2.50000ml of M6121 + 225.50000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
870	ICPMS SPIKE SOL.B	MP83671	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.45000ml of M5962 + 5.00000ml of M5993 + 5.00000ml of M5999 + 39.55000ml of MP83619 = Final Quantity: 50.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	04/20/2021 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	03/18/2023 / bin	03/17/2023 / bin	M5497

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	022123	11/06/2025	11/06/2024 / kareem	03/17/2023 / bin	M5516

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	V2-MEB742036	03/12/2029	10/04/2024 / Jaswal	02/22/2024 / Jaswal	M5993

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	09/04/2024 / Jaswal	02/22/2024 / kareem	M5999

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	11/09/2026	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

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CHEMICAL RECEIPT LOG BOOK

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-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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	0000275677	05/13/2025	11/13/2024 / Eman	10/13/2024 / Eman	M6121

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	05/25/2025	11/26/2024 / Eman	11/22/2024 / Eman	M6125

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

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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	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

INORGANIC VENTURES™

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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:	CLPP-SPK-4
Lot Number:	V2-MEB742036
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	100.0 ± 0.7 µg/mL	Arsenic, As	40.00 ± 0.26 µg/mL
Cadmium, Cd	50.00 ± 0.22 µg/mL	Lead, Pb	20.00 ± 0.09 µg/mL
Selenium, Se	10.00 ± 0.04 µg/mL	Thallium, Tl	50.00 ± 0.22 µg/mL

Density: 1.016 g/mL (measured at 20 ± 4 °C)

Assay Information:

1140

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	100818
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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

March 12, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- March 12, 2029

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Joseph Burns
Custom VS Manager

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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Certified Reference Material CRM

R 8/15/24

M6028

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1144

CERTIFIED WEIGHT REPORT:

Part Number: 57048
Lot Number: 070124
Description: Cadmium (Cd)

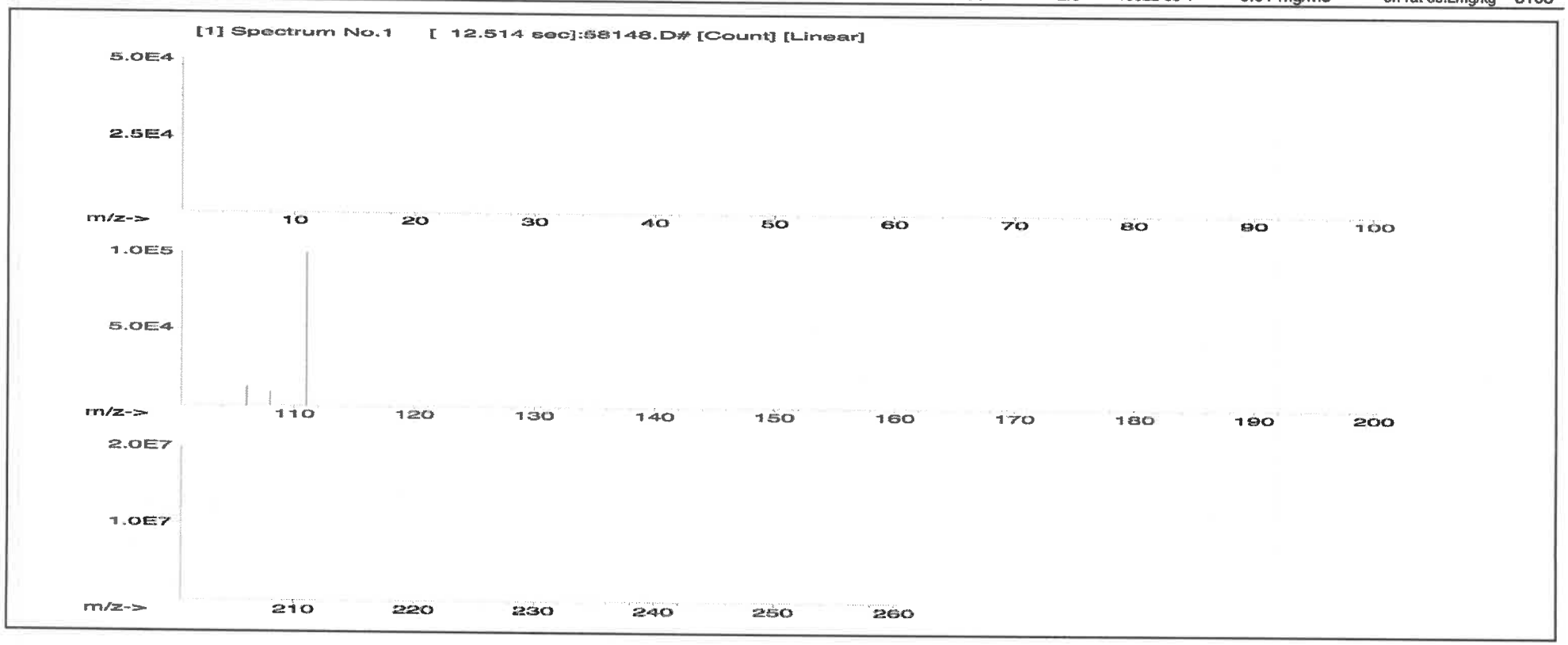
Expiration Date: 070127
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 2000.07 0.100 Flask Uncertainty

	Lot #	
Solvent:	24002546	Nitric Acid
2%	40.0 (mL)	Nitric Acid

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



11145

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:

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

R: 8/5/24 M6025

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11146

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

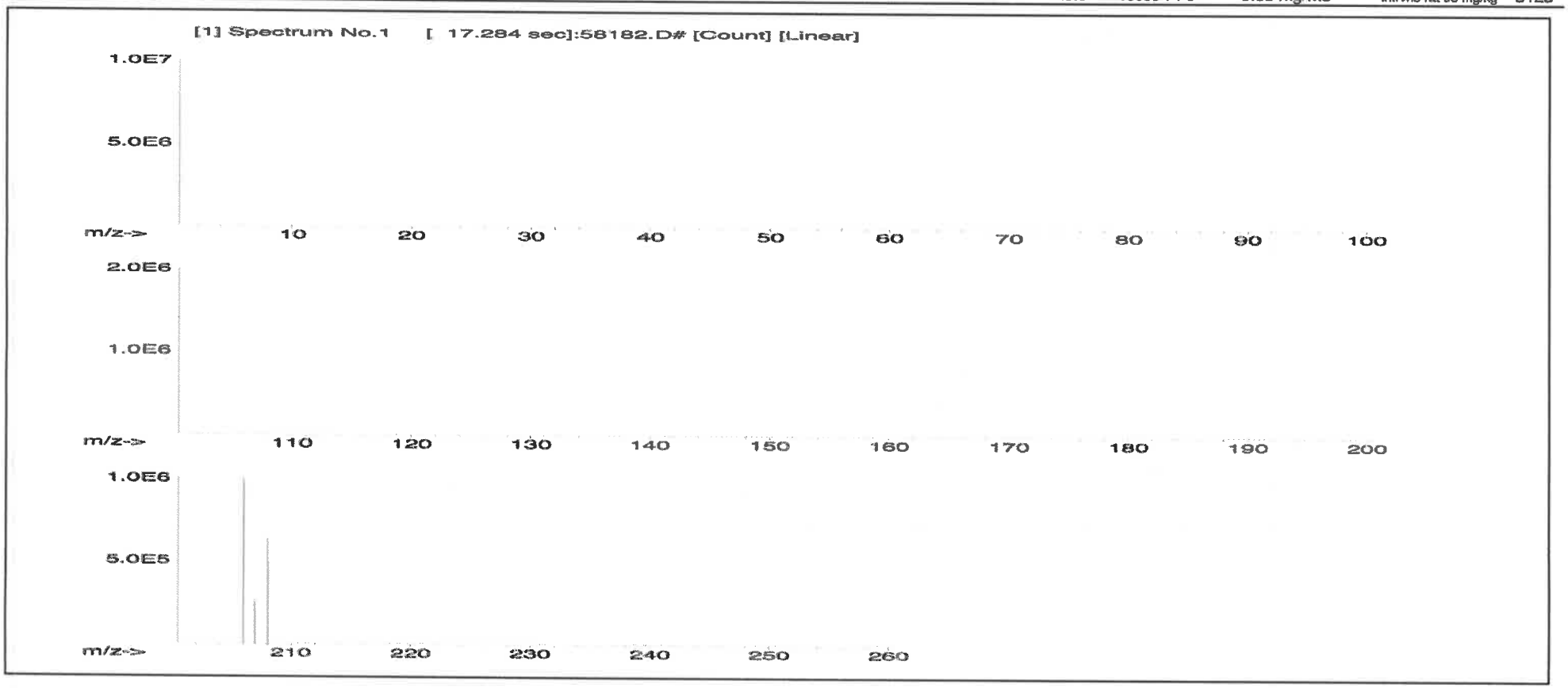
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



1147

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5192 R: 06/17/22

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1148

CERTIFIED WEIGHT REPORT:

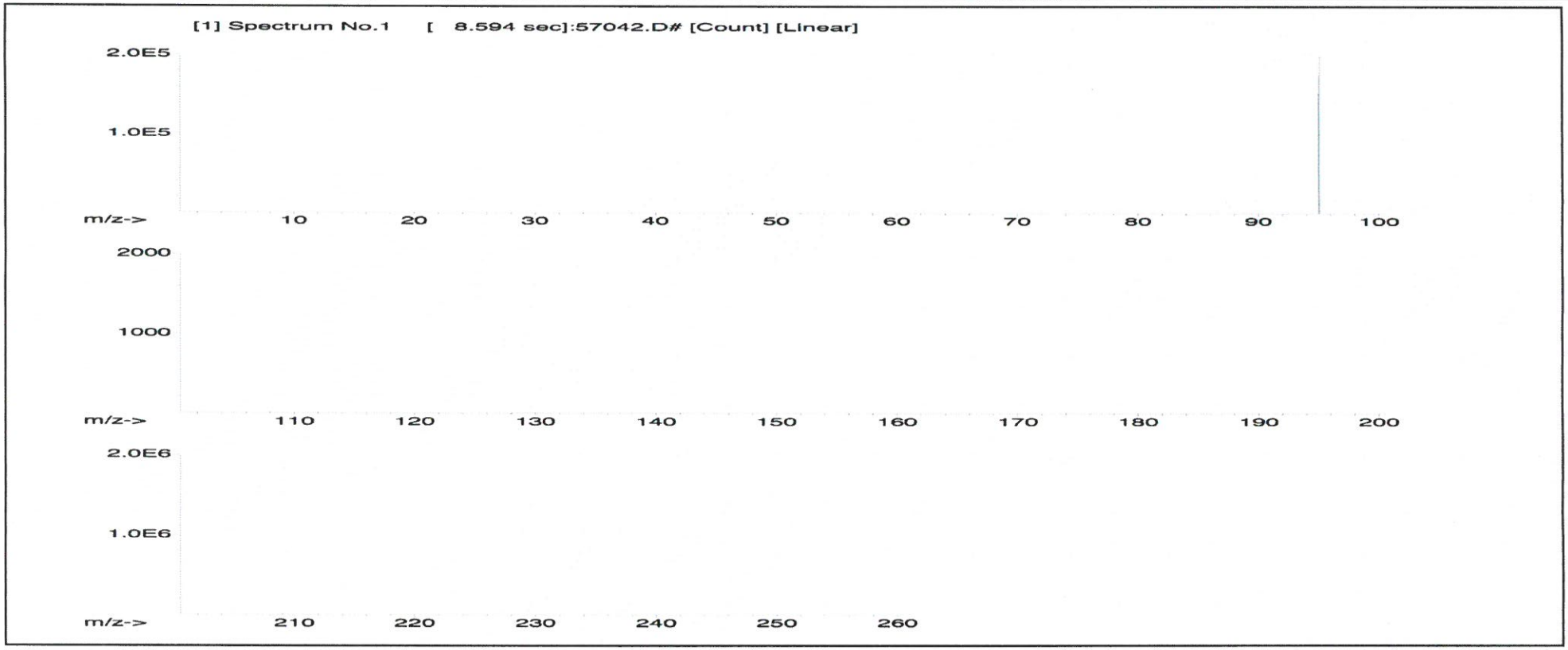
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

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



11149

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:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5288 R: 07/21/2022

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

11150

CERTIFIED WEIGHT REPORT:

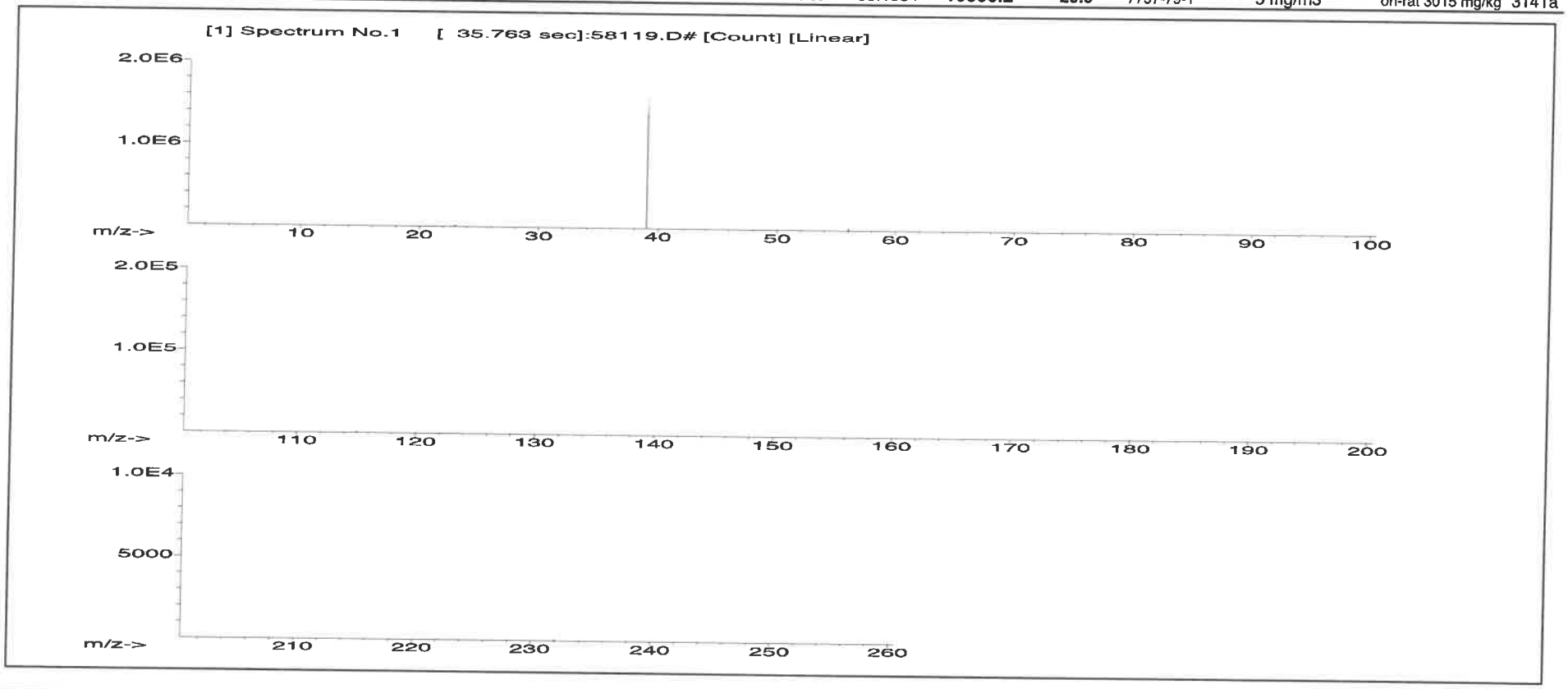
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
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M5289 R: 07/12/22 BH

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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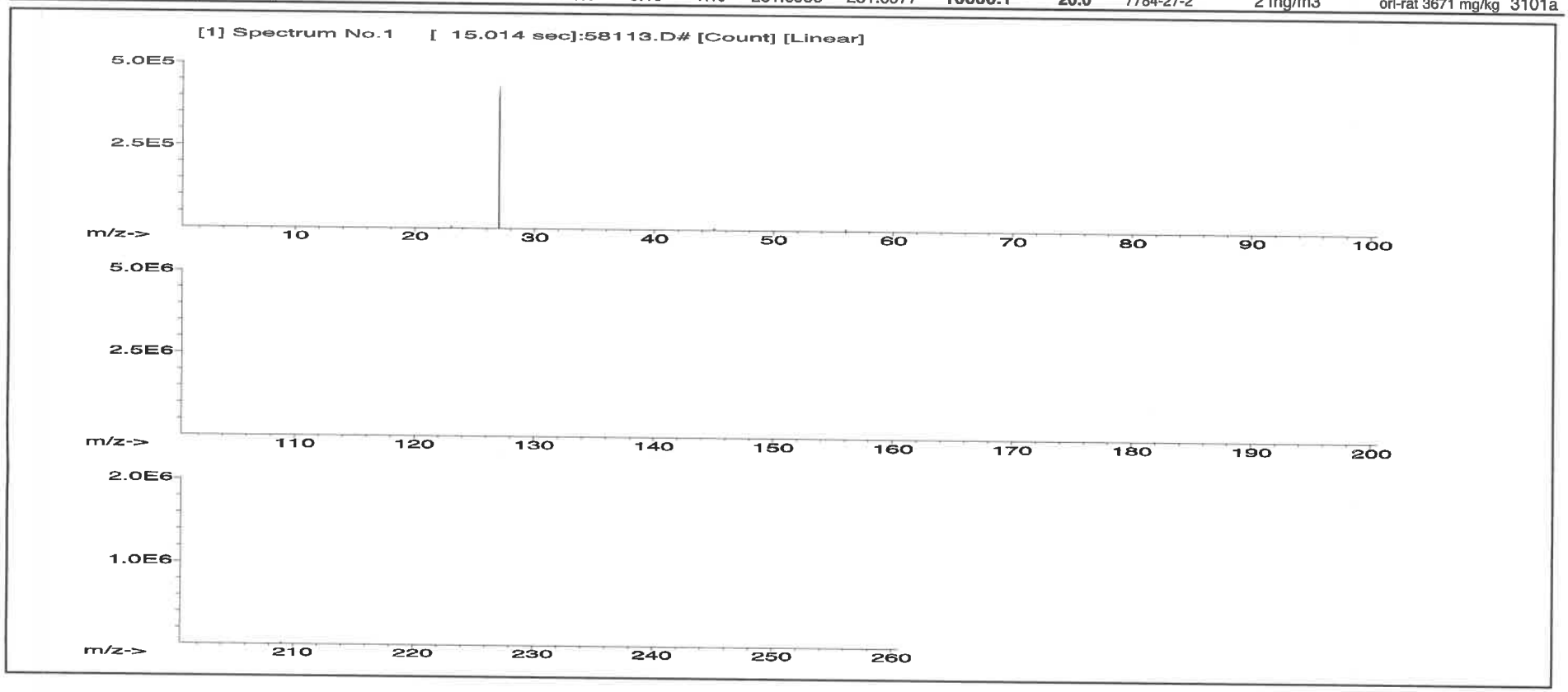
1152

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



1153

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver,	Aluminum,
Arsenic,	Barium,
Beryllium,	Calcium,
Cadmium,	Cobalt,
Chromium,	Copper,
Iron,	Potassium,
Magnesium,	Manganese,
Sodium,	Nickel,
Lead,	Antimony,
Selenium,	Thallium,
Vanadium,	Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1160

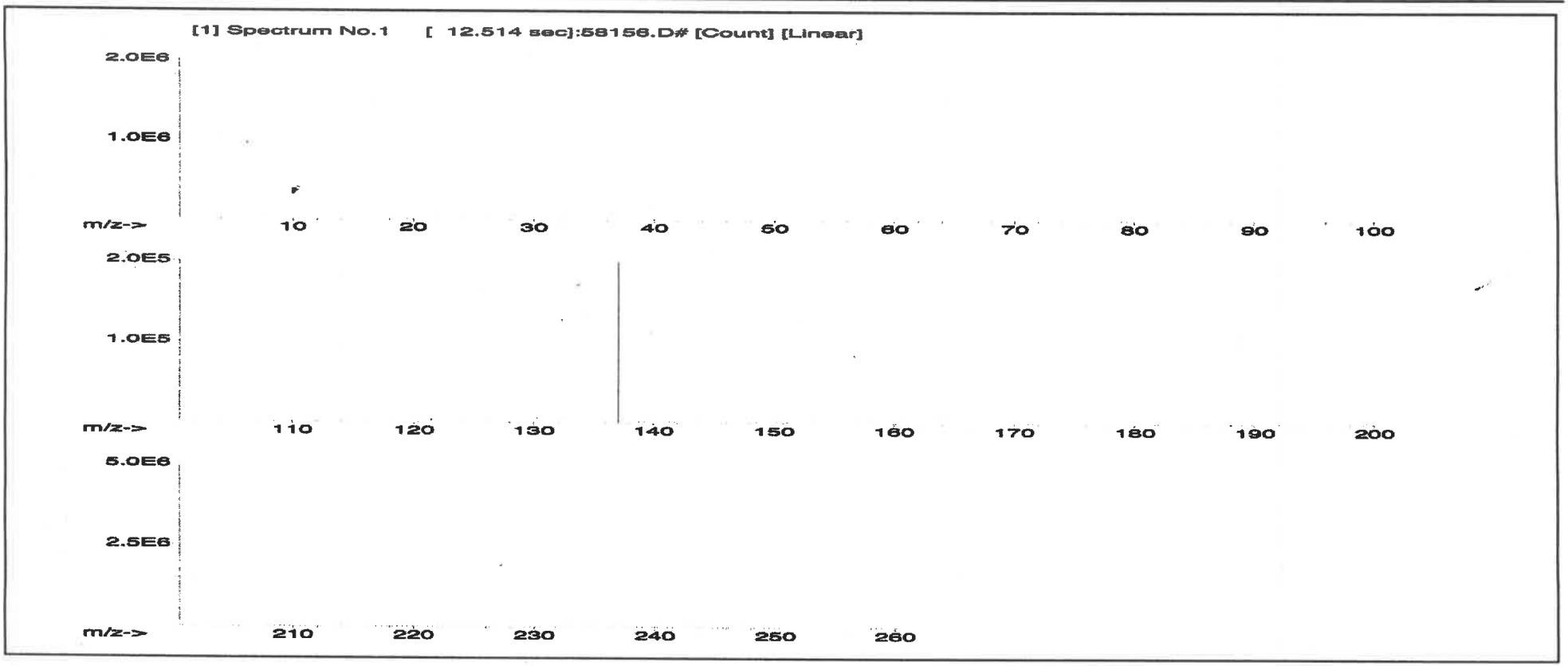
CERTIFIED WEIGHT REPORT:

			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.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5497 - M5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

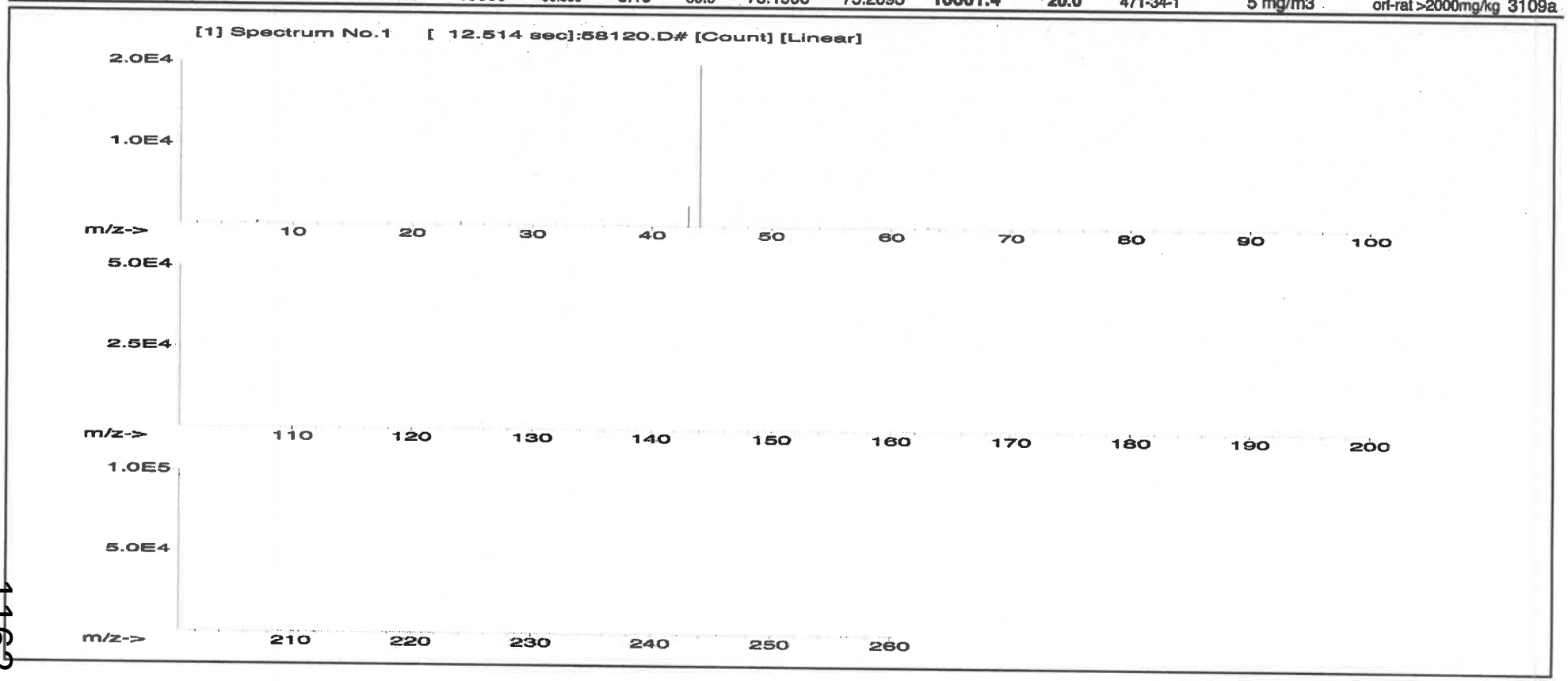
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
Reviewed By: Pedro L. Rentas 031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



1162

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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).

11163

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

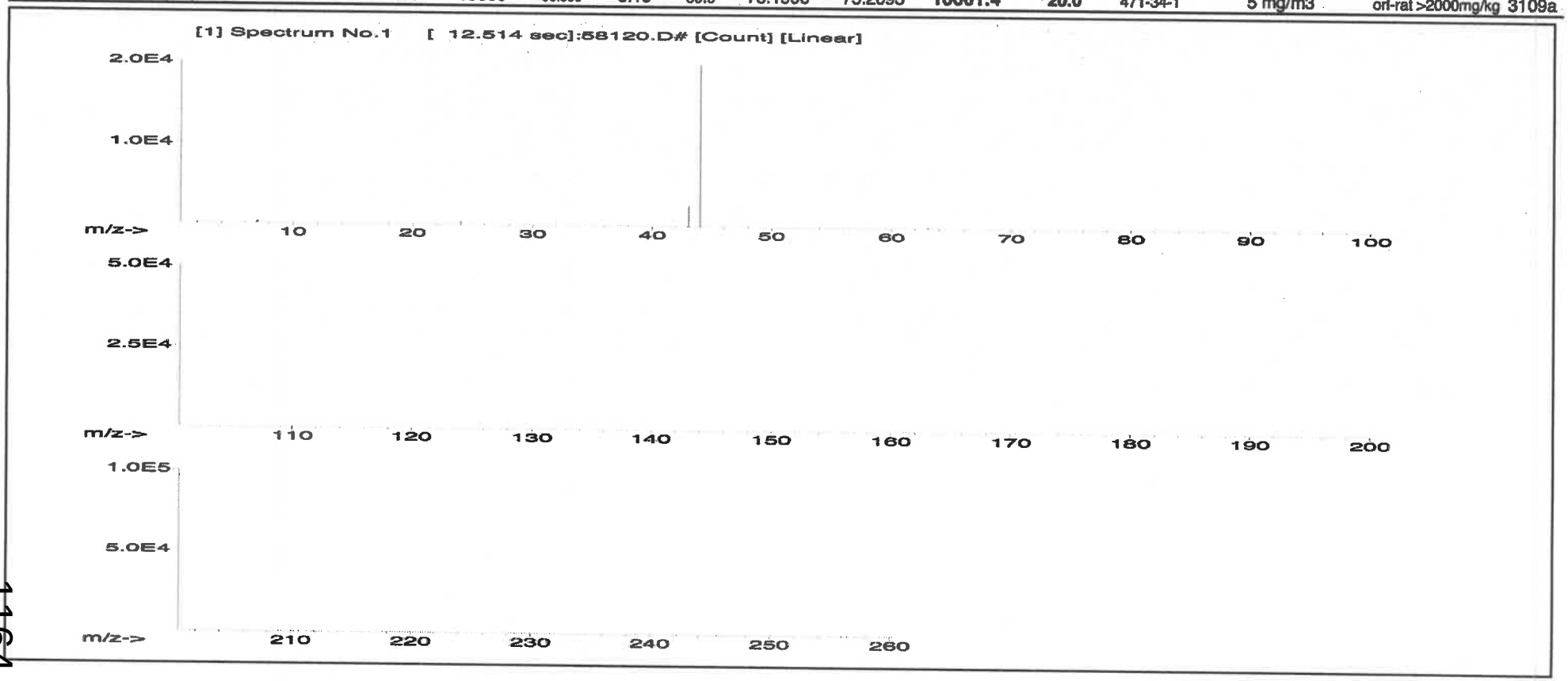
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
		5E-05	Balance Uncertainty

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
Reviewed By: Pedro L. Rentas 031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



1164

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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T165

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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

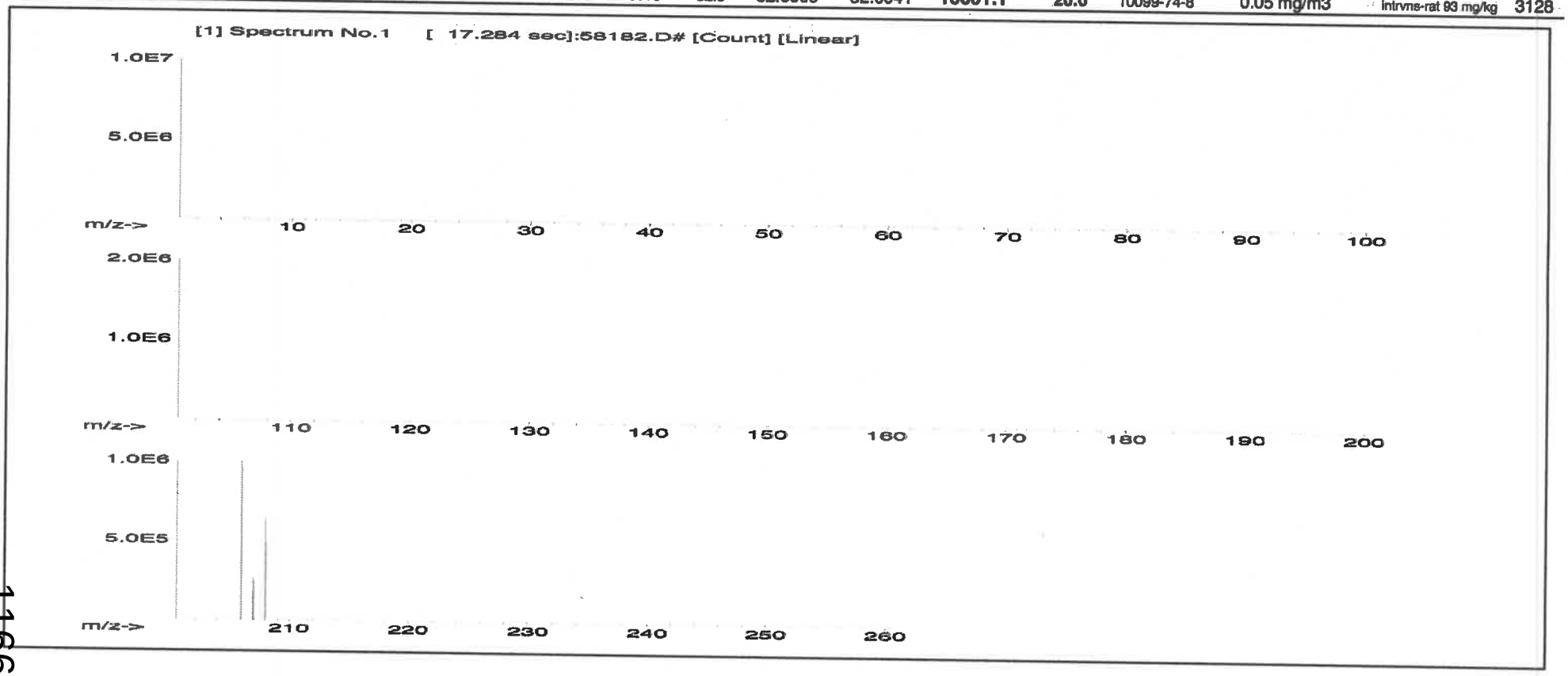
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



1166

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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).

T167

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M5514 , M5515 R: 03/17/23

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11168

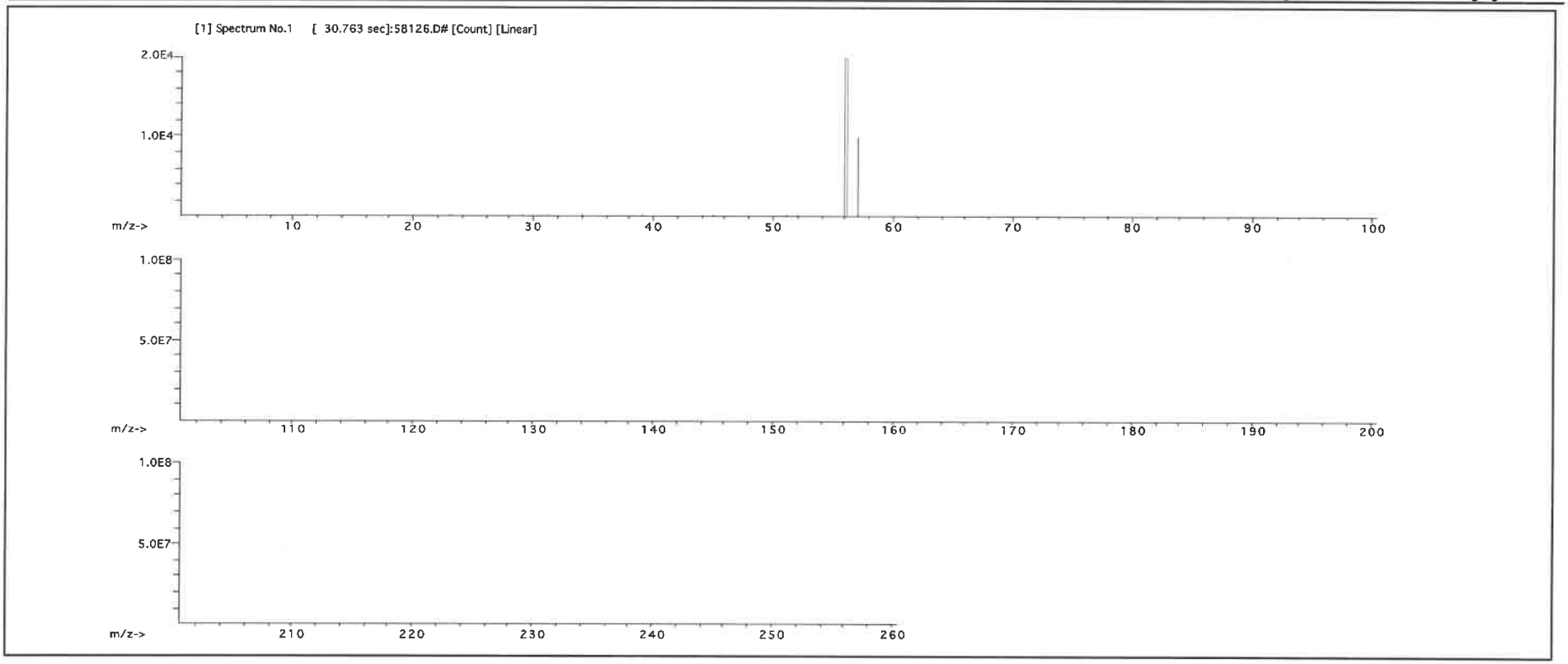
CERTIFIED WEIGHT REPORT:

Part Number:	**58126**		**Lot #**		
Lot Number:	**092122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Iron (Fe)**	7.0%	350.0 (mL)	Nitric Acid	
Expiration Date:	092125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	5000.1	0.12	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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T169

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M516 M517 R: 03/17/22 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 022123
Description: Sodium (Na)

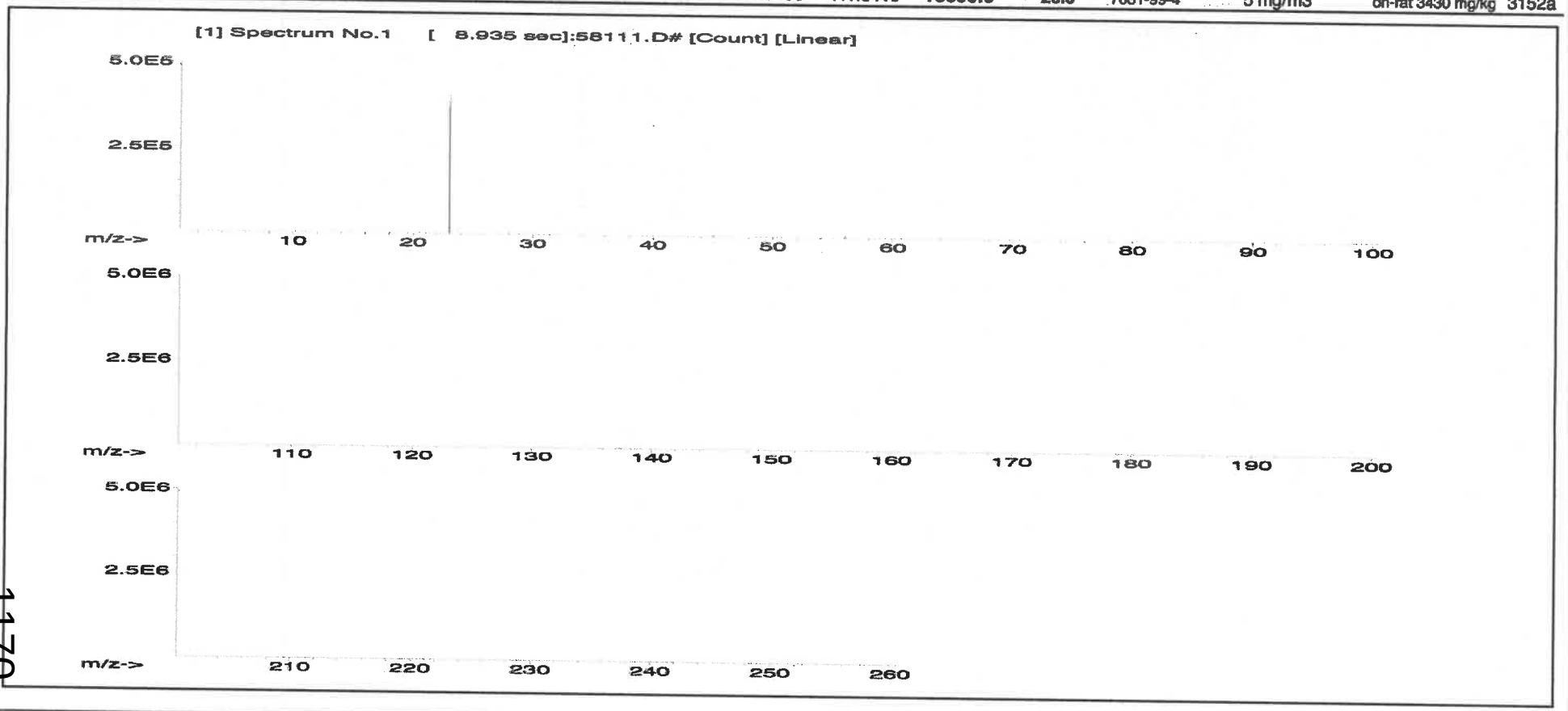
Expiration Date: 022126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 0.06 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	022123
Reviewed By:	Pedro L. Rentas	022123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5410	**10000.0**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



1170

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5519. M5520 (BH) R:03/17/23

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1172

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

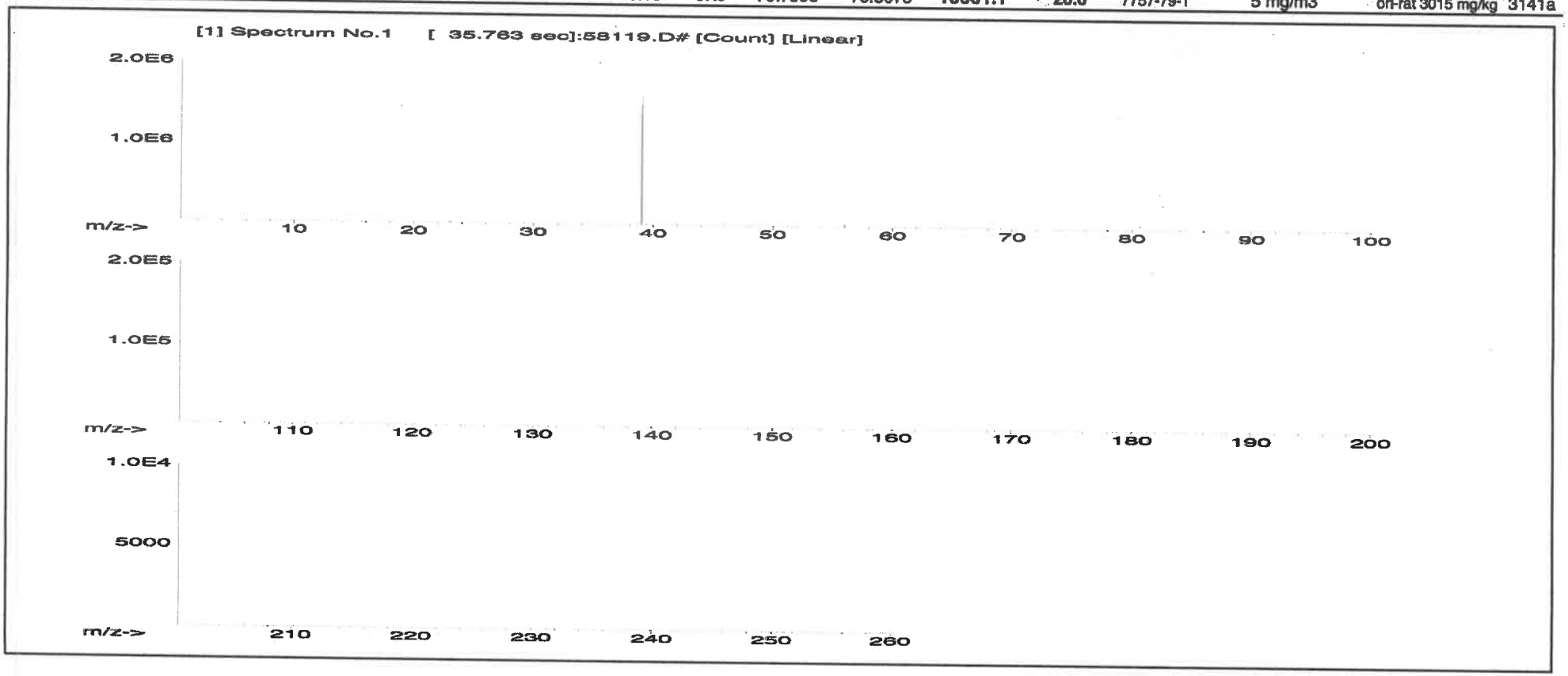
Weight shown below was diluted to (mL): 3000.4 ± 0.06 Flask Uncertainty

		Lot #	
Solvent:	20510011		Nitric Acid
	2%	60.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



11173

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* 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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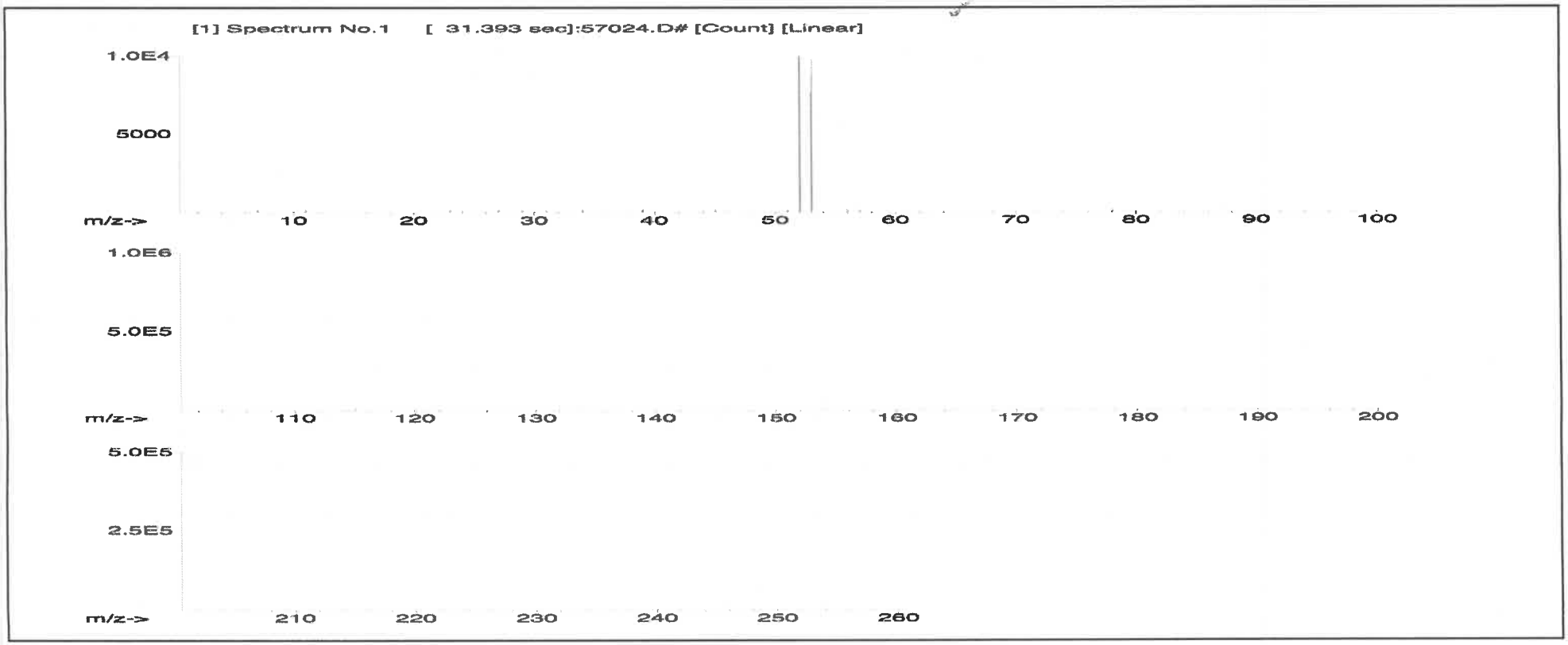
1174

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).
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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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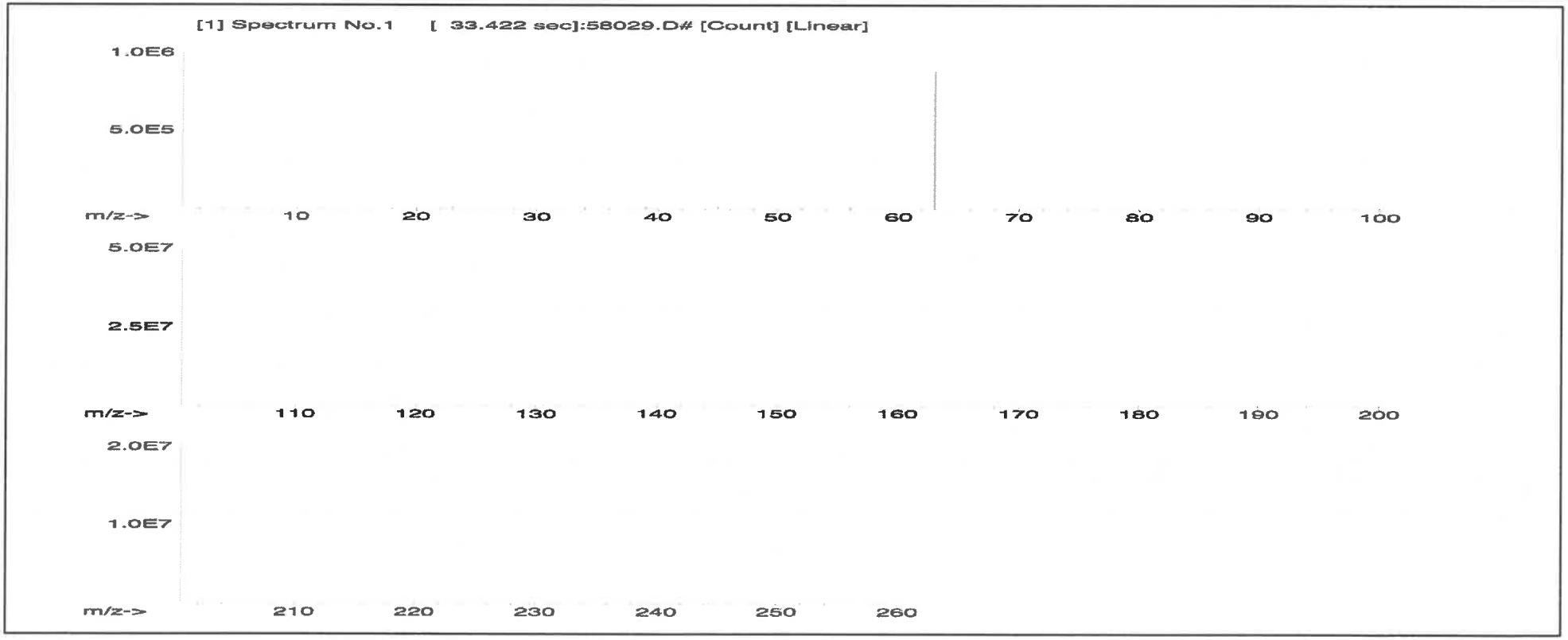
11176

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



11177

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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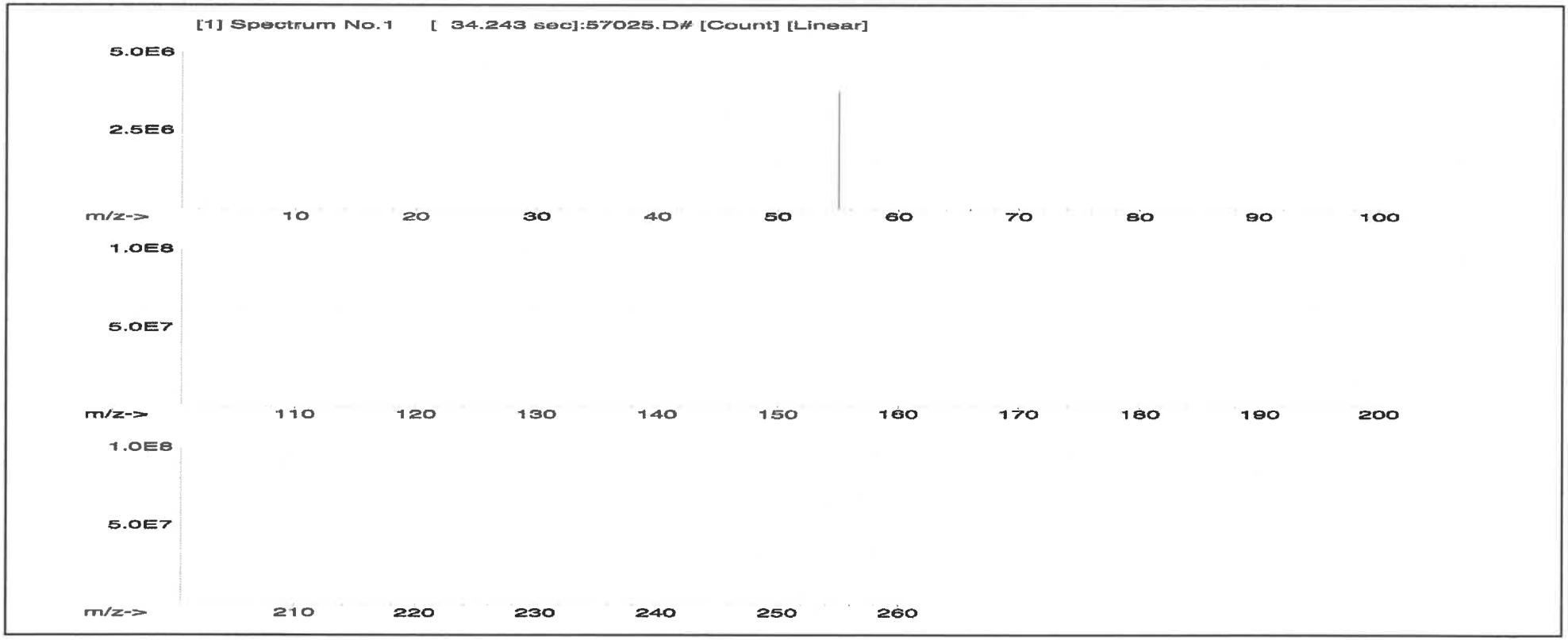
1178

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



11179

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
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* 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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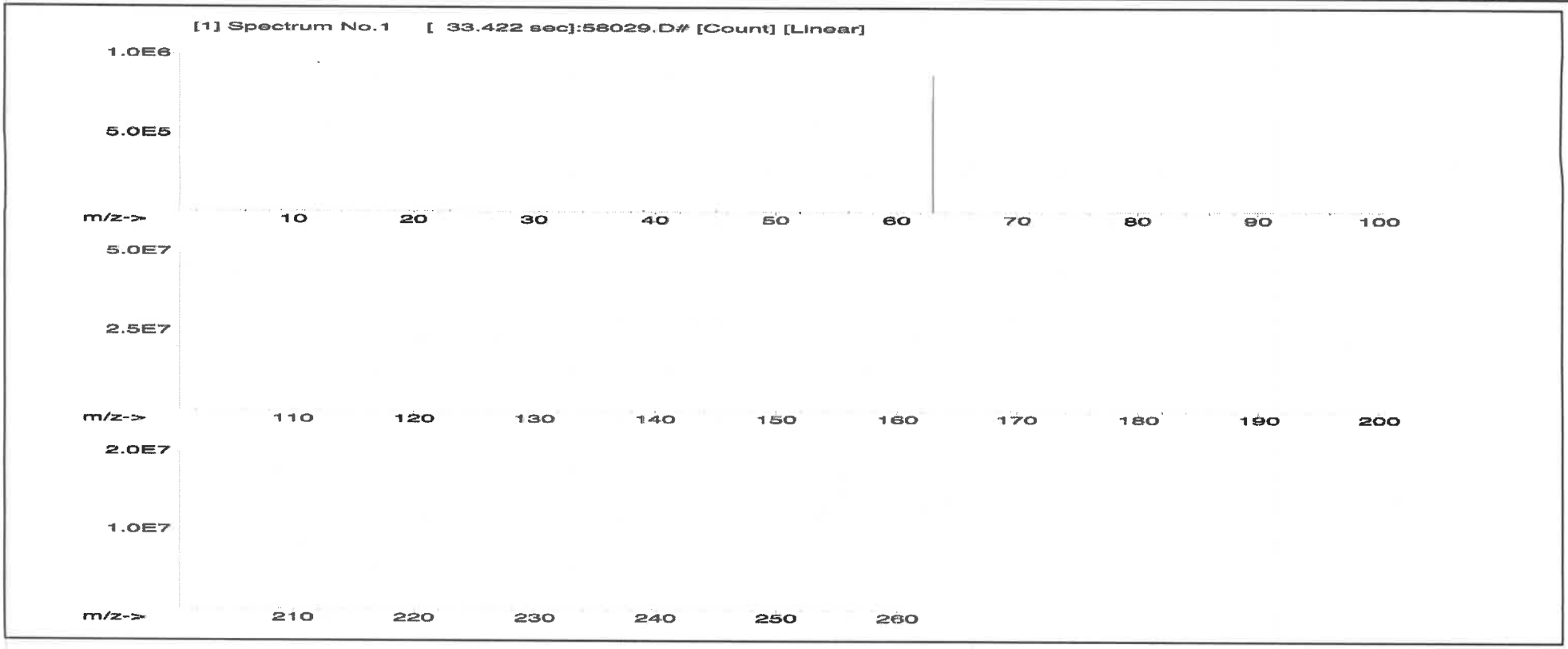
1180

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



11181

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:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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1182

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

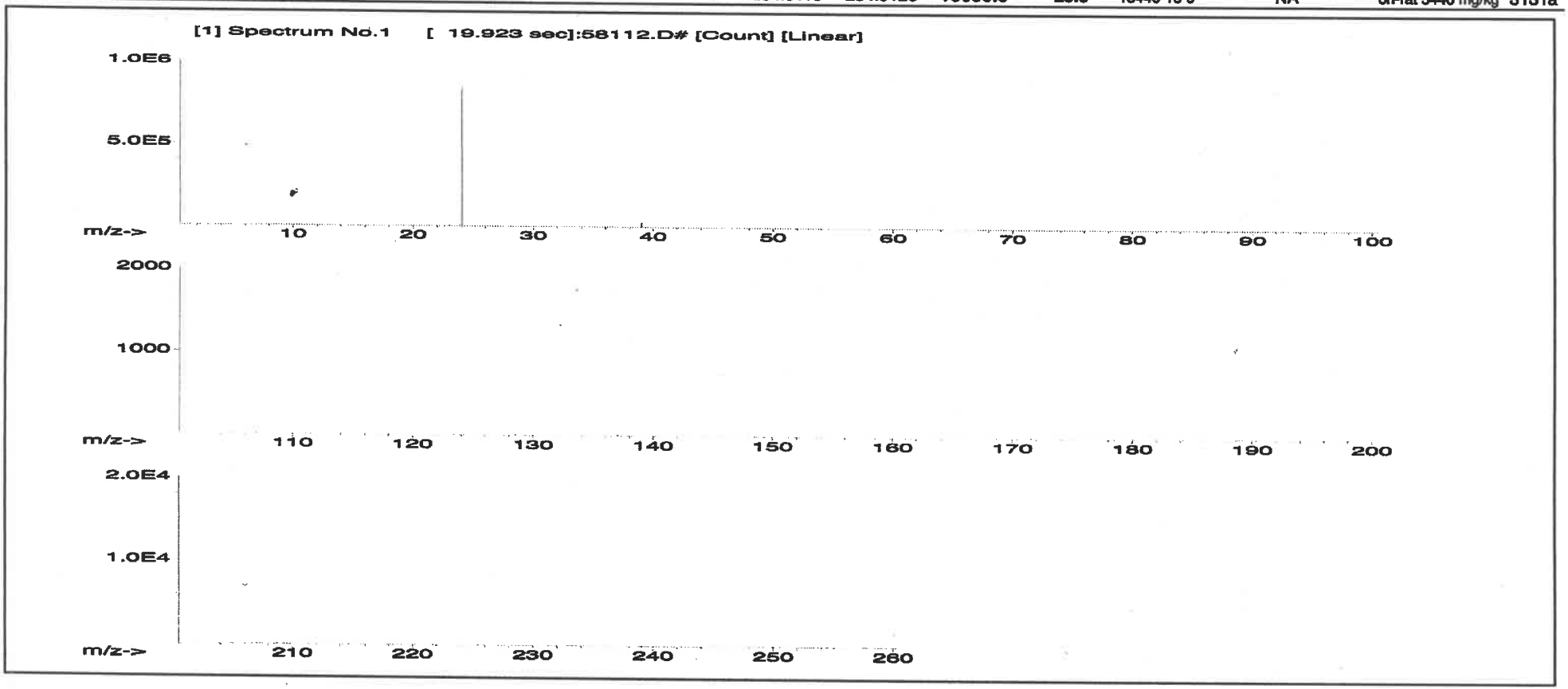
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



11183

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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M5768 M5769 (BP) R:1/3/24

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AR-1539 Certificate Number
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1184

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

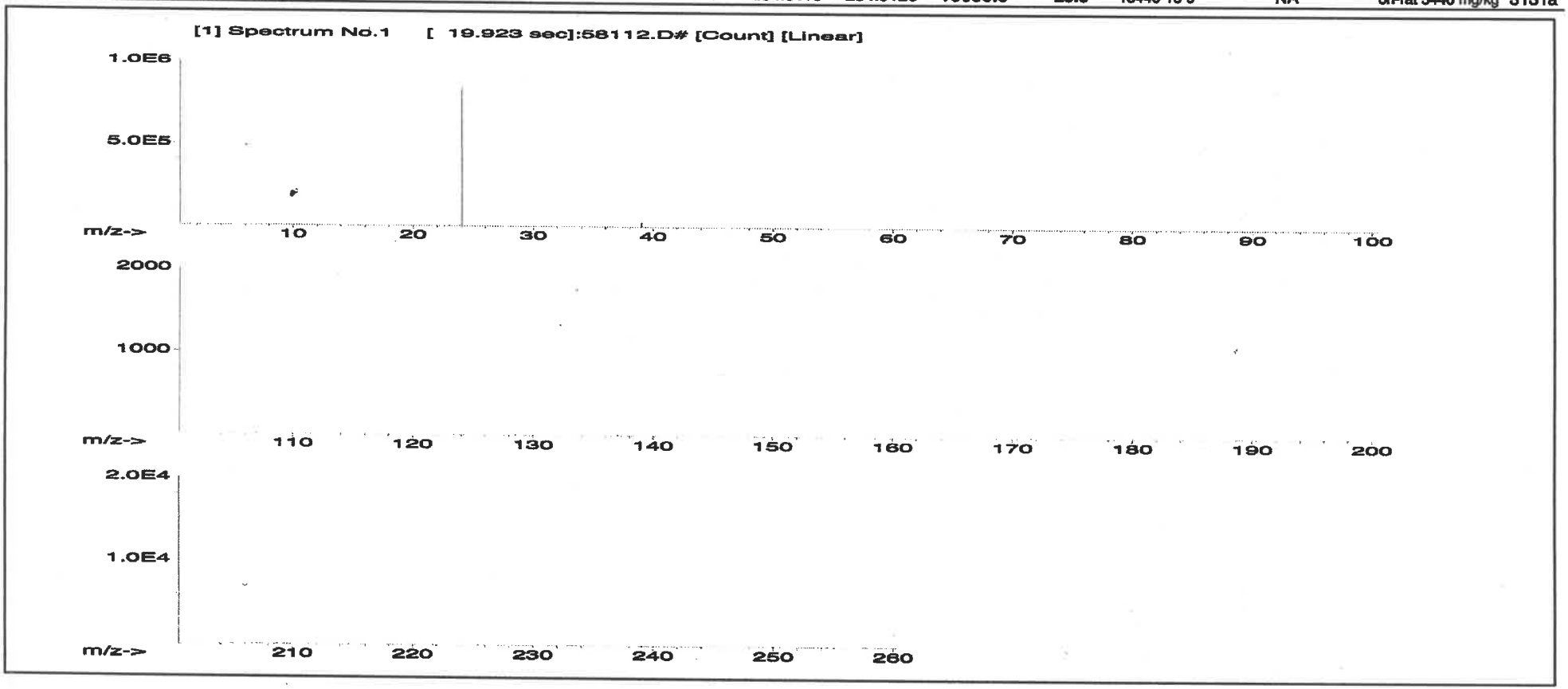
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



11185

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.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5798

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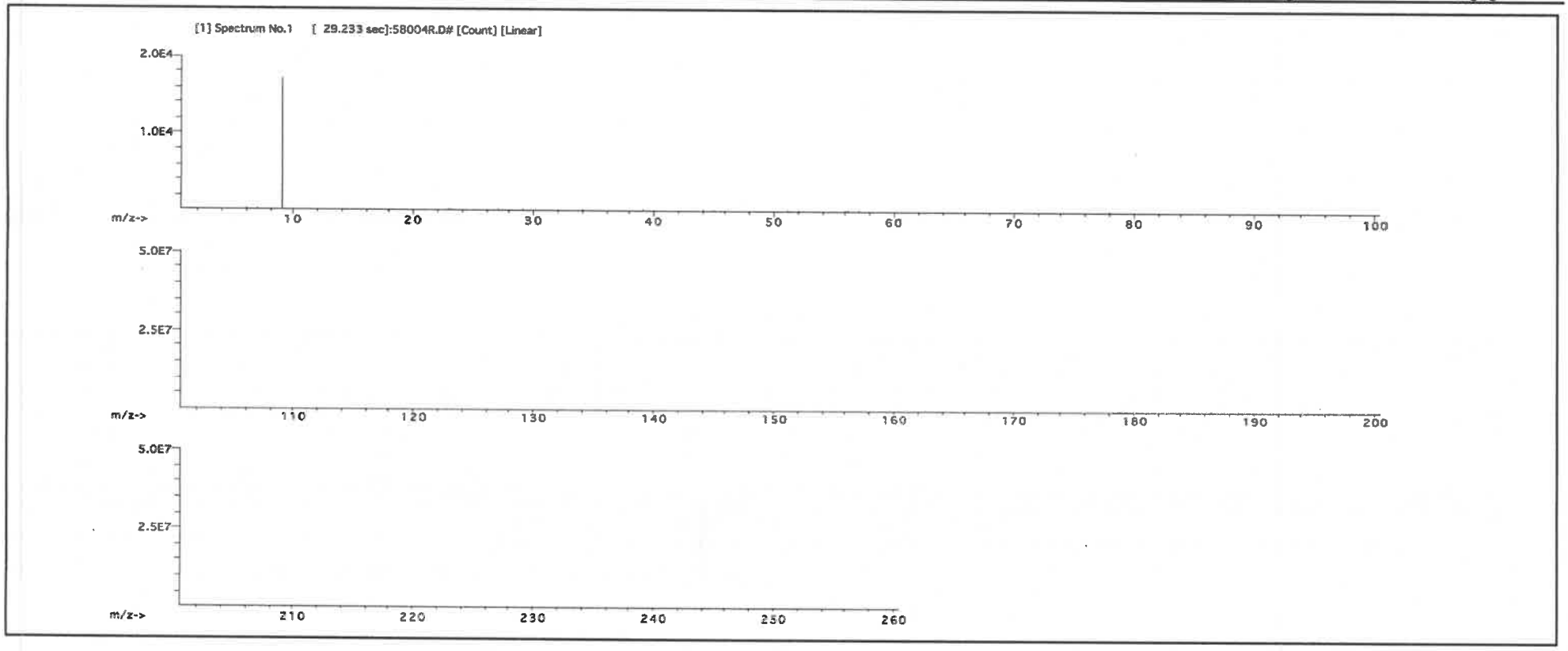
1186

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.

* 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).

1187

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1188

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

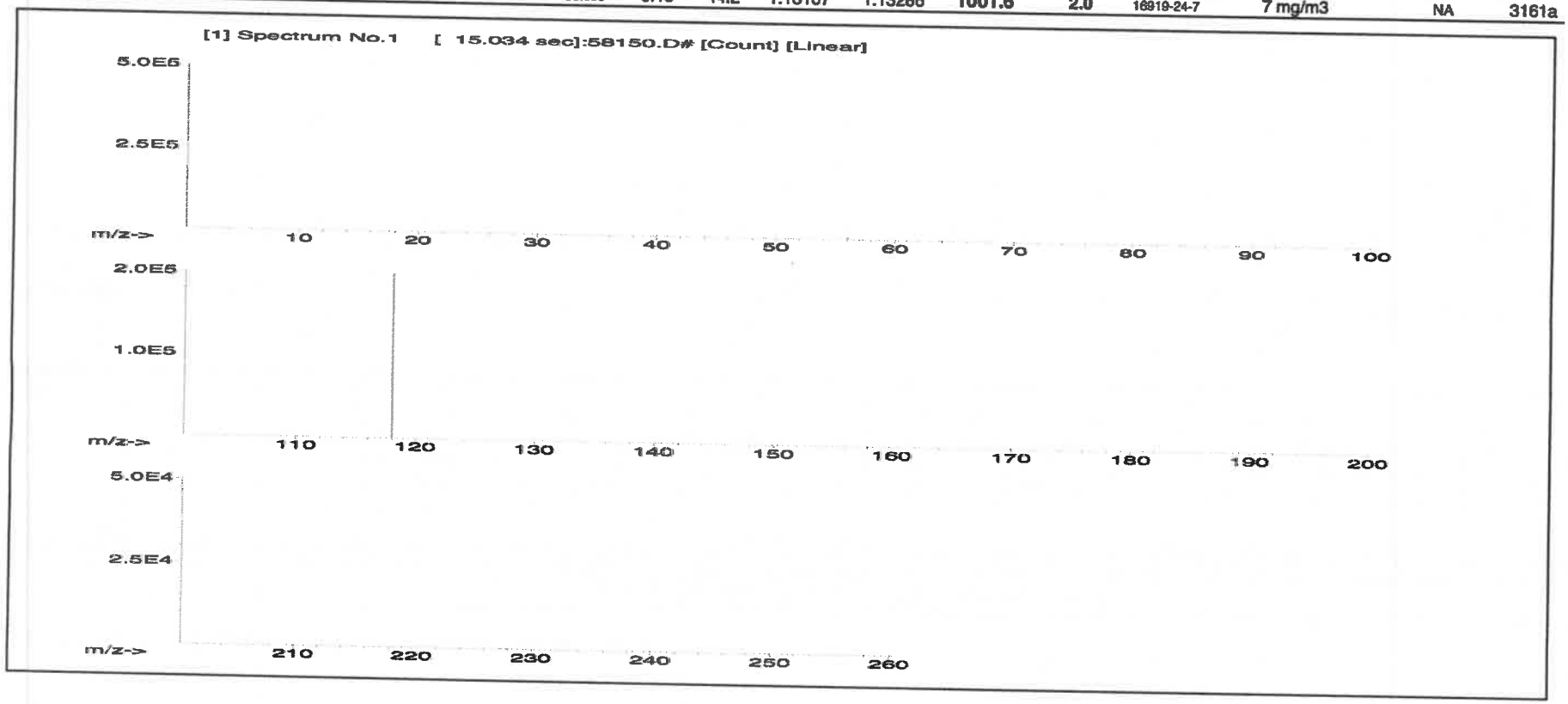
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



1189

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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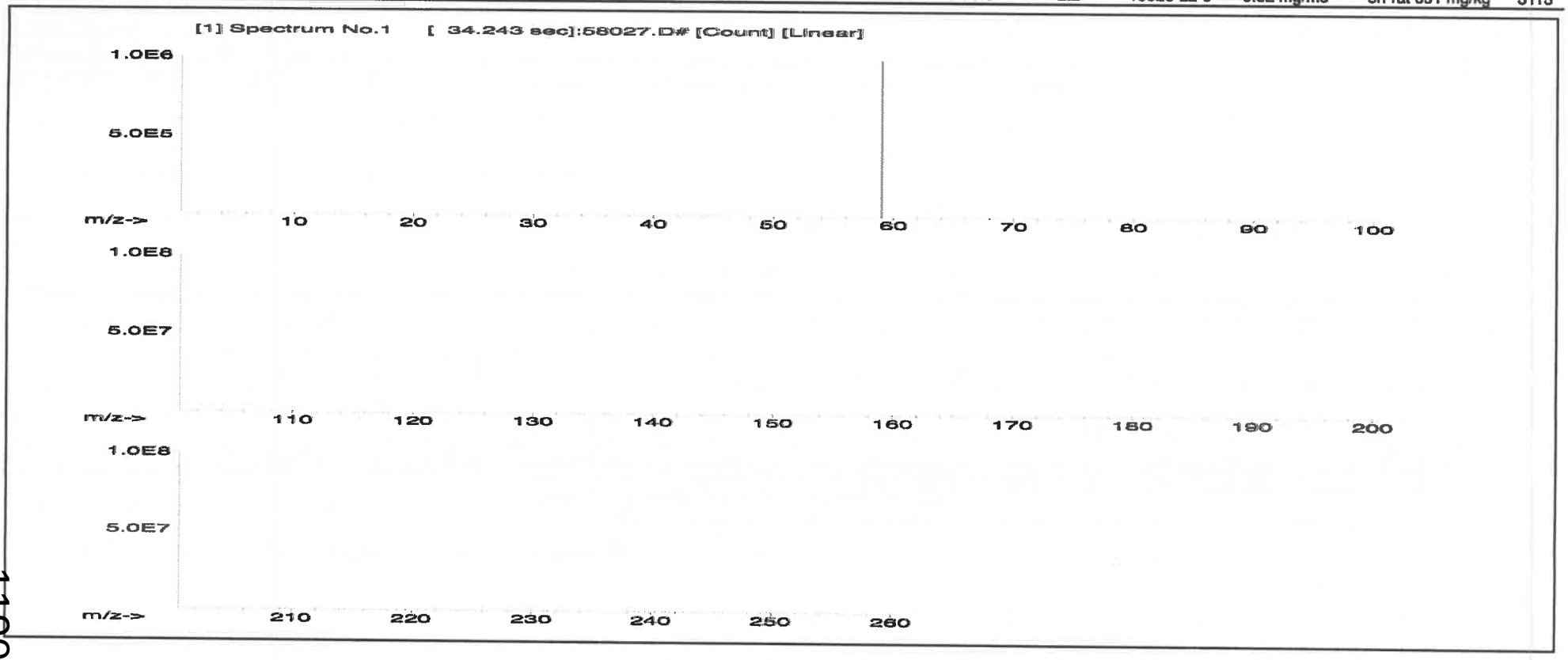
CERTIFIED WEIGHT REPORT:

		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
Lawrence Barry	Reviewed By:	Pedro L. Rentas	091923
Pedro Rentas			

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



1190

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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11191

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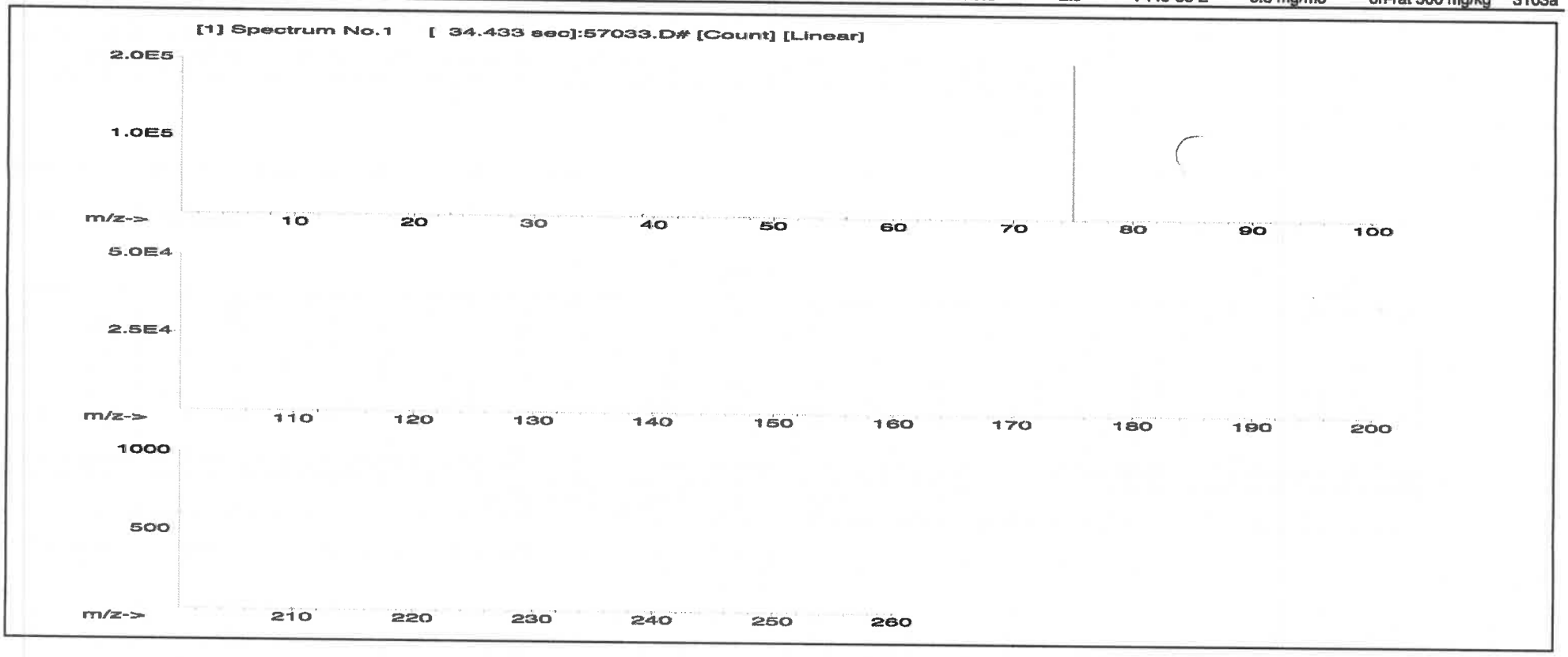
1192

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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Certified Reference Material CRM

R1 02/09/24. M5815

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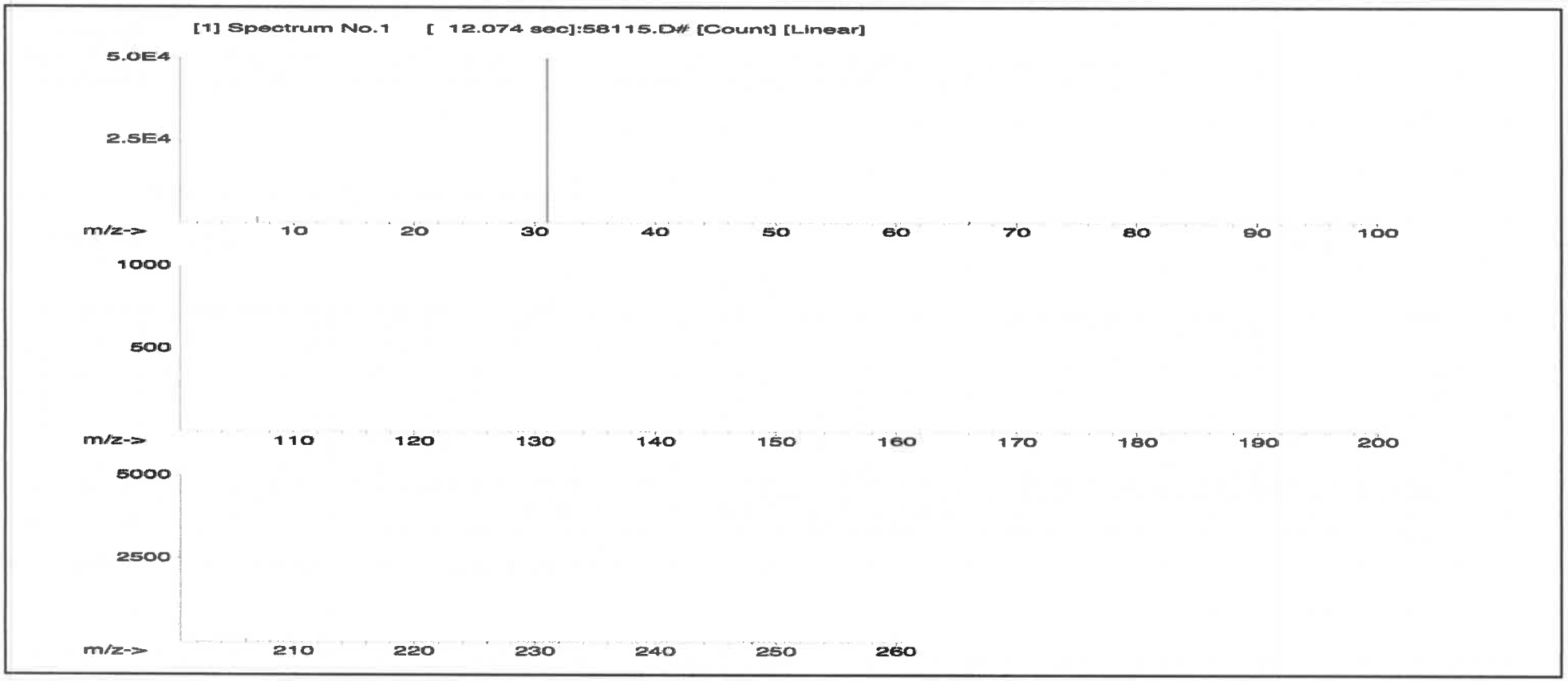
1194

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



11953

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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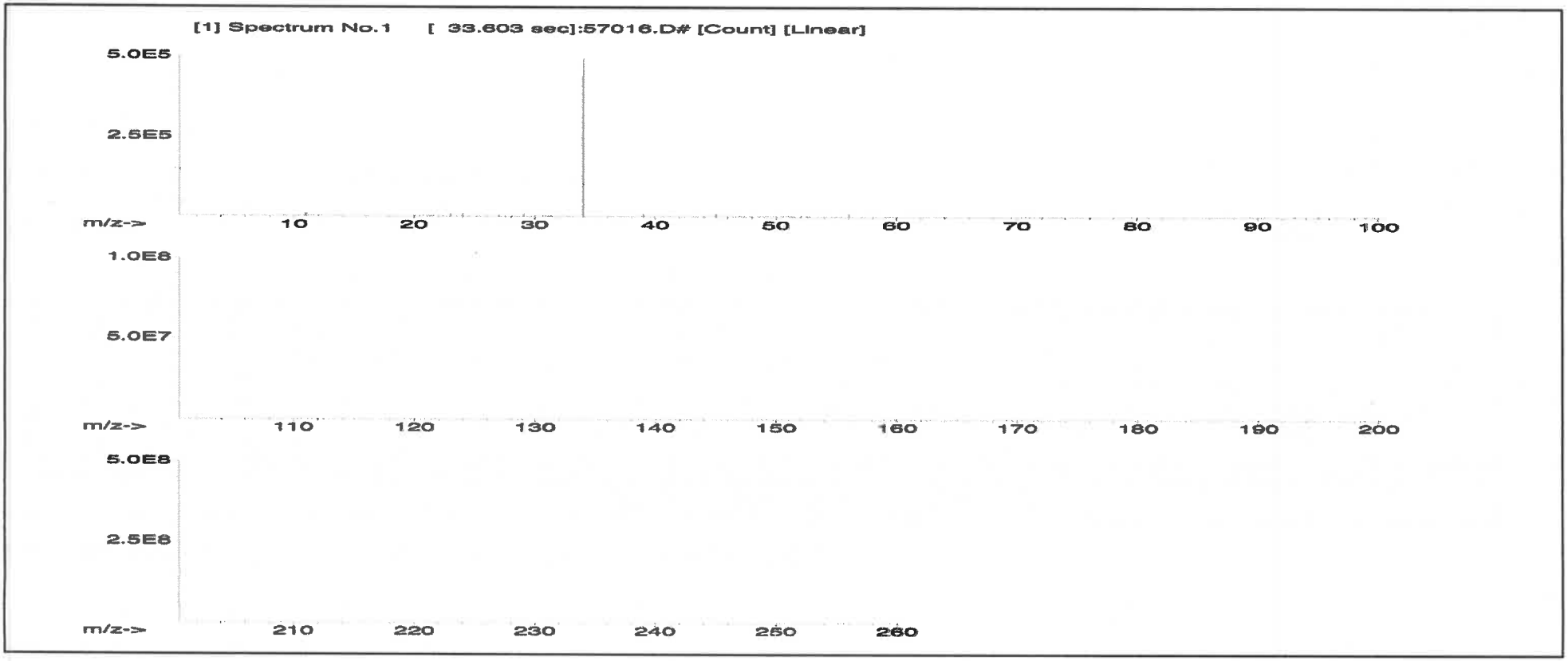
1196

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



1197

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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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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1198

CERTIFIED WEIGHT REPORT:

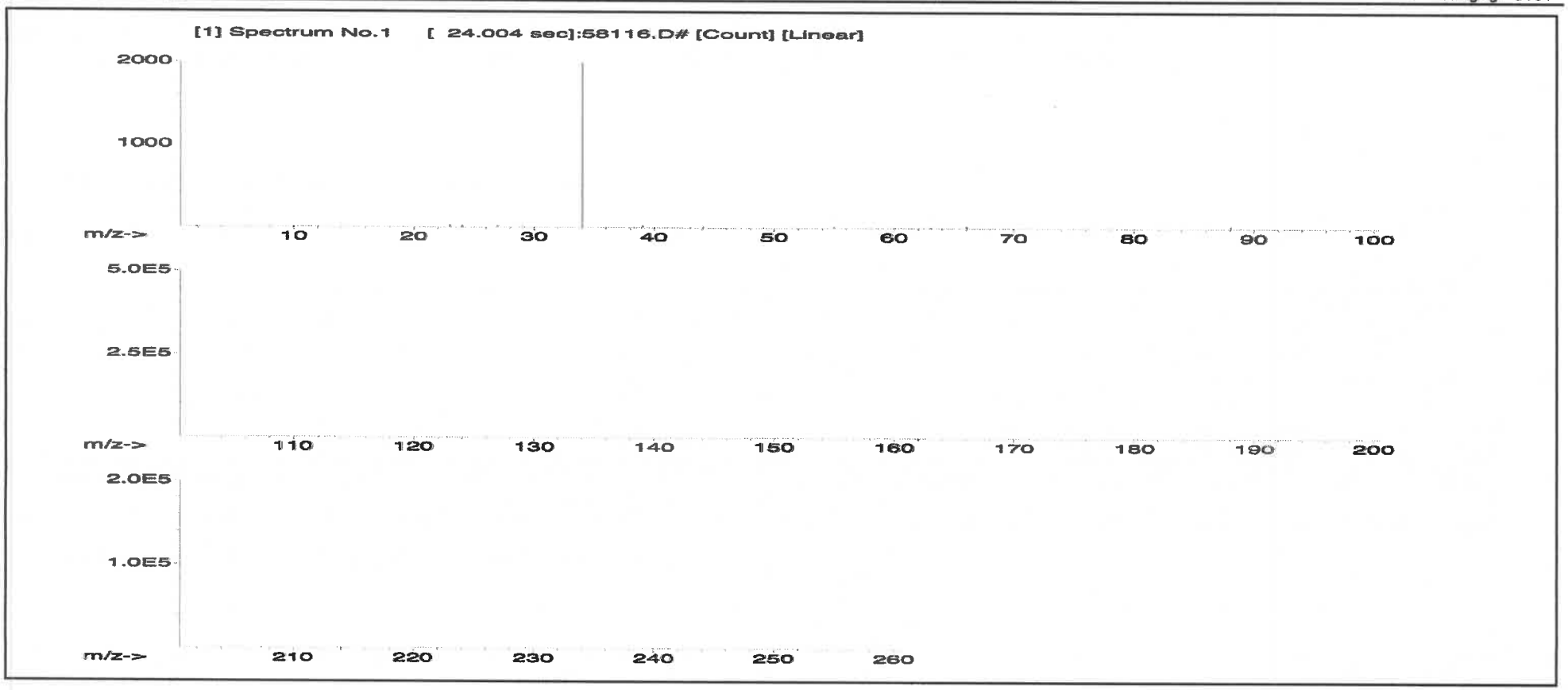
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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



1196

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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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1200

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 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid
2% 40.0 (mL) Nitric Acid

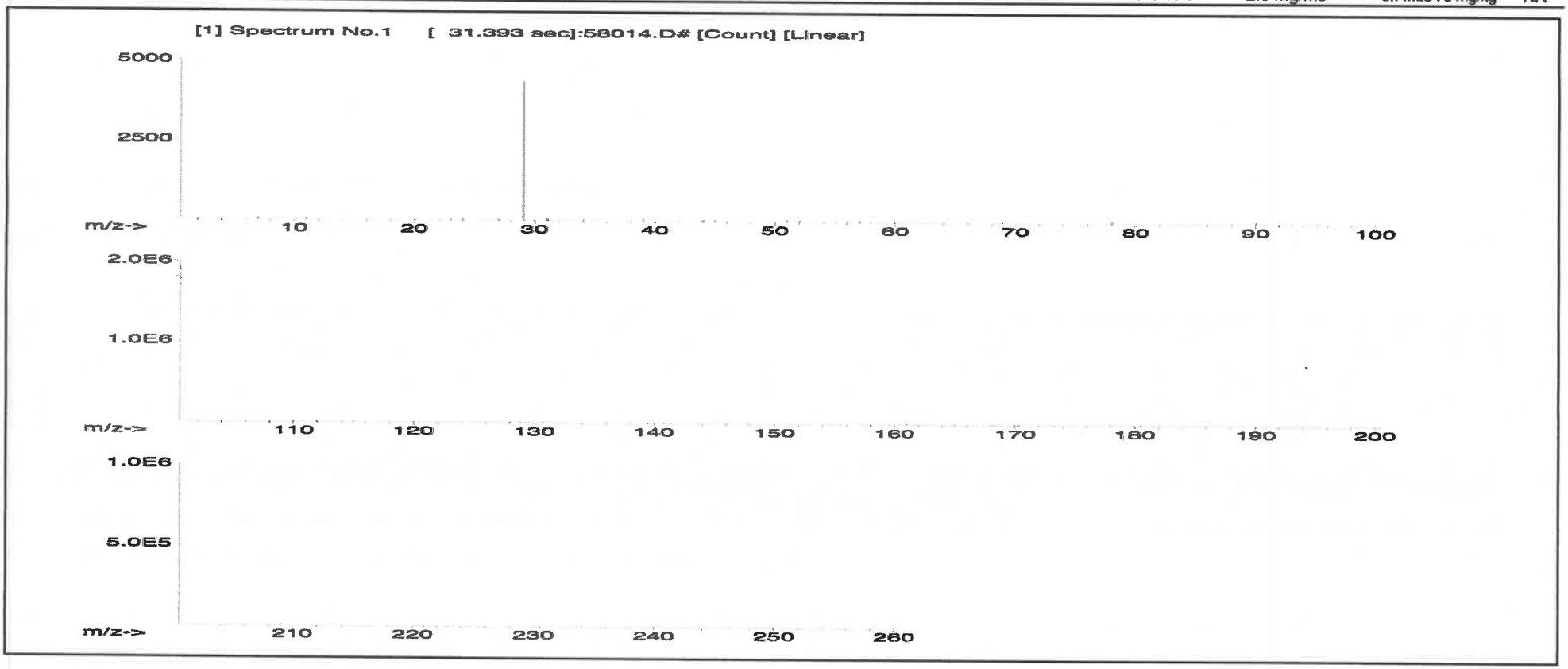
Aleah O'Brady

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



1201

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:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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1202

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

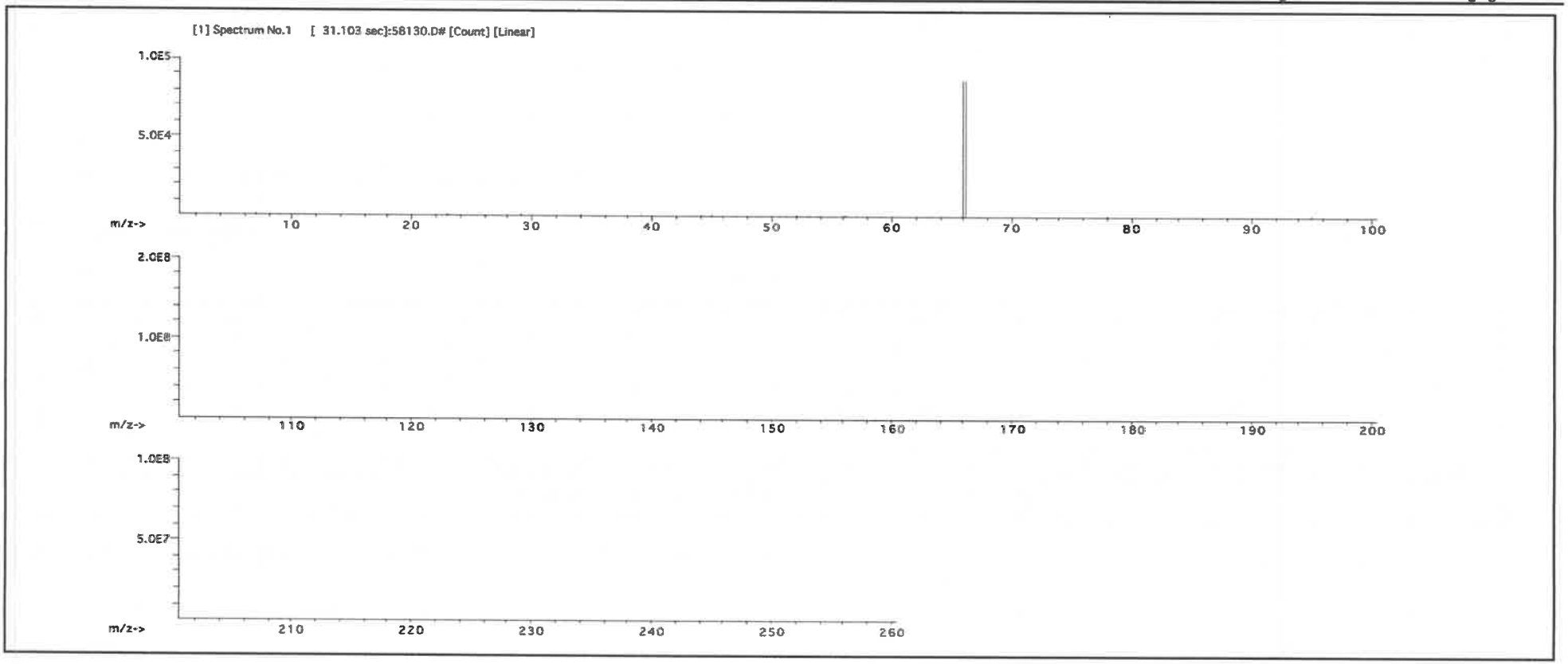
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	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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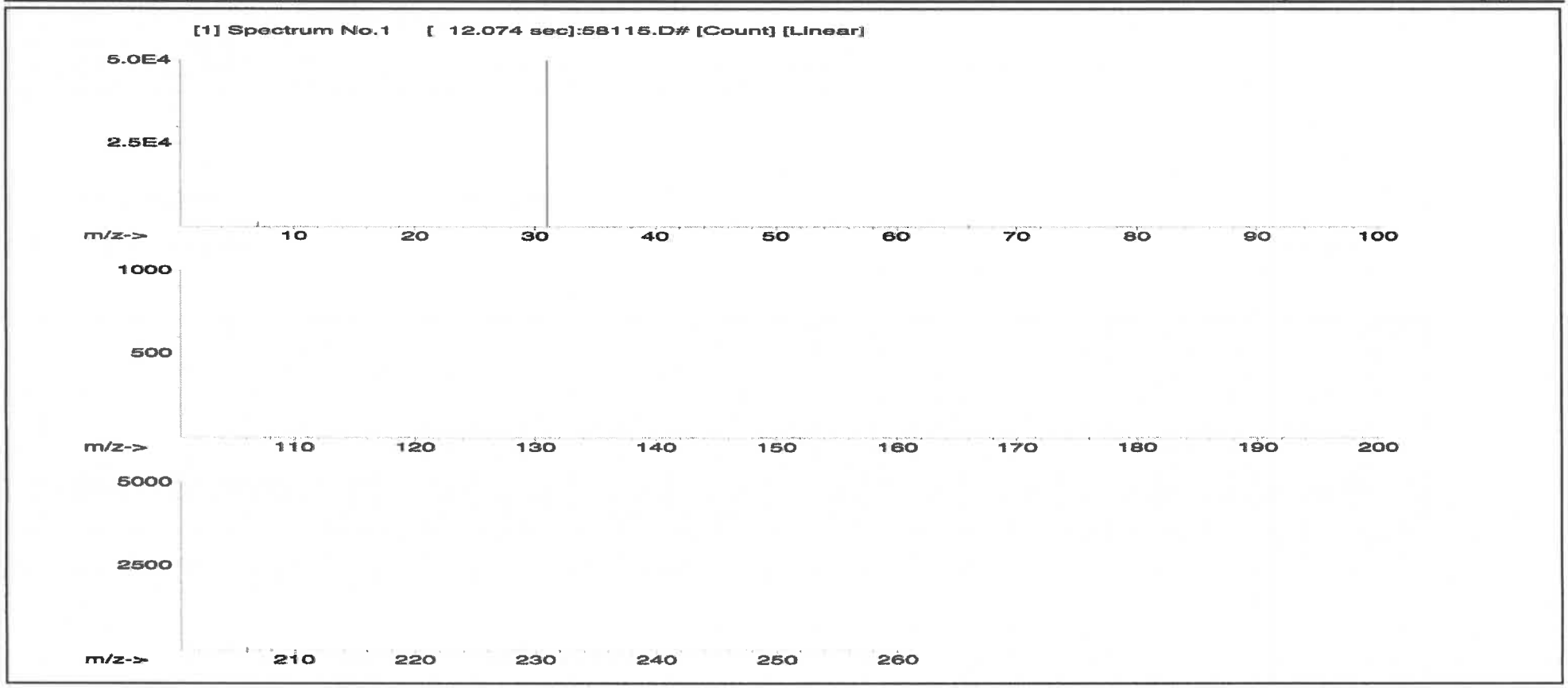
1204

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	rl-rat >2000mg/k	3186



1205

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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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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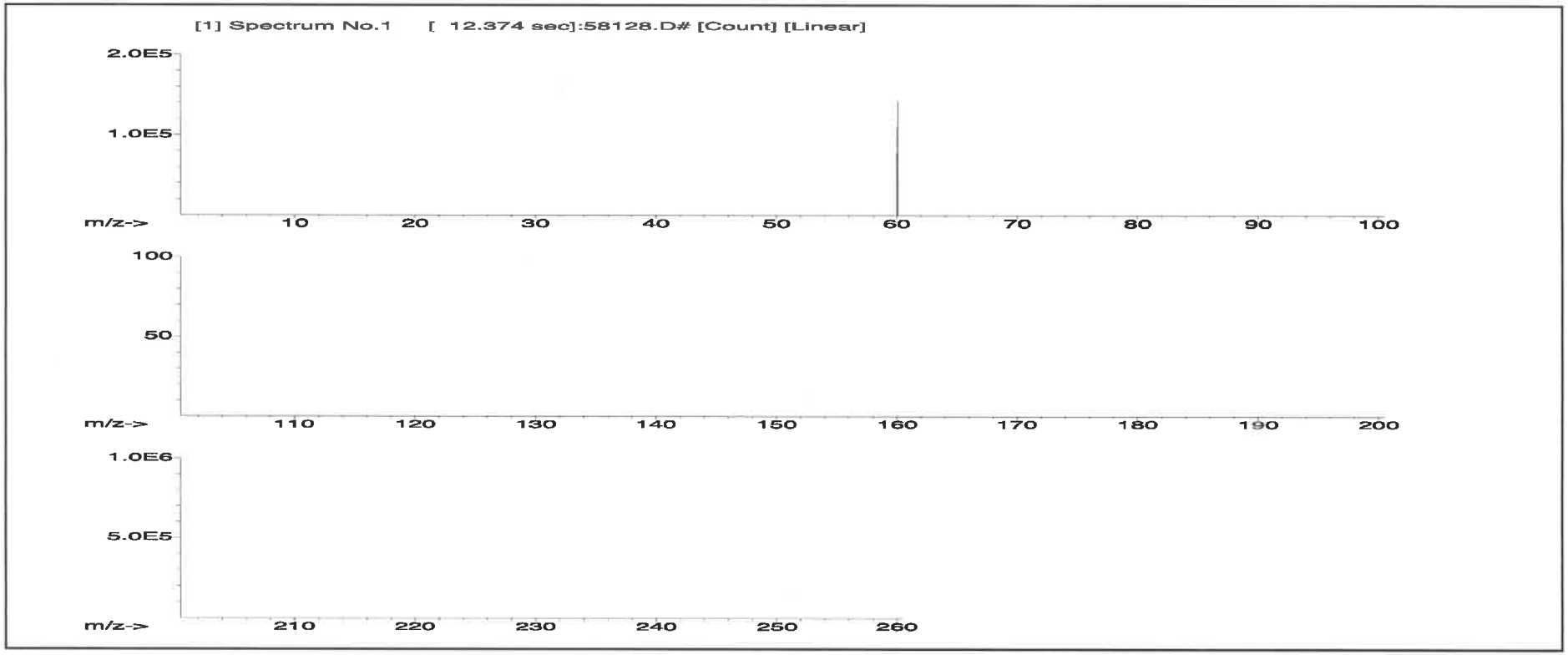
1206

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



1207

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5962 R! 06/14/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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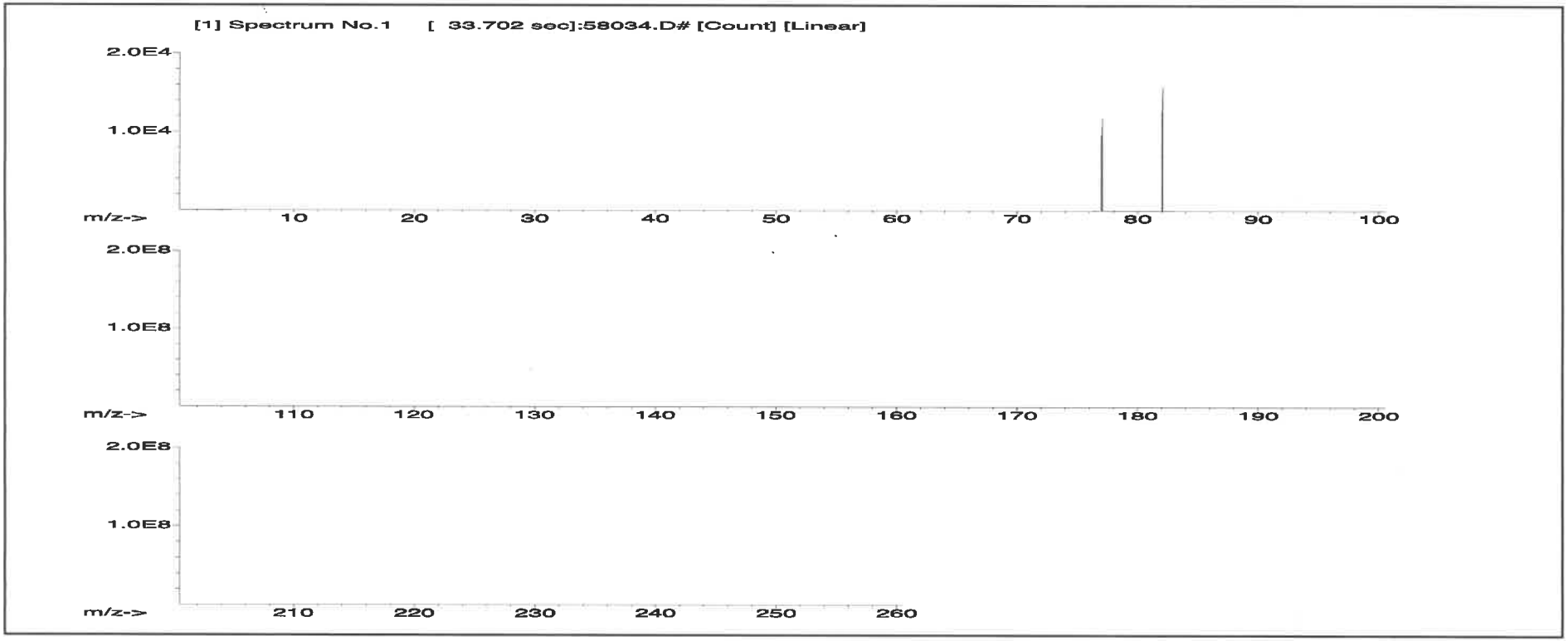
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

M5976, M5977
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F: 540-585-3012
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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

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4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation

Certificate Approved By:

Michael Booth
Director, Technical

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

1214

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(\bar{x}_i)$

$\bar{x}_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2 (u_{char\ i})^2]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (\bar{x}_a)\ (u_{char\ a})$

$\bar{x}_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

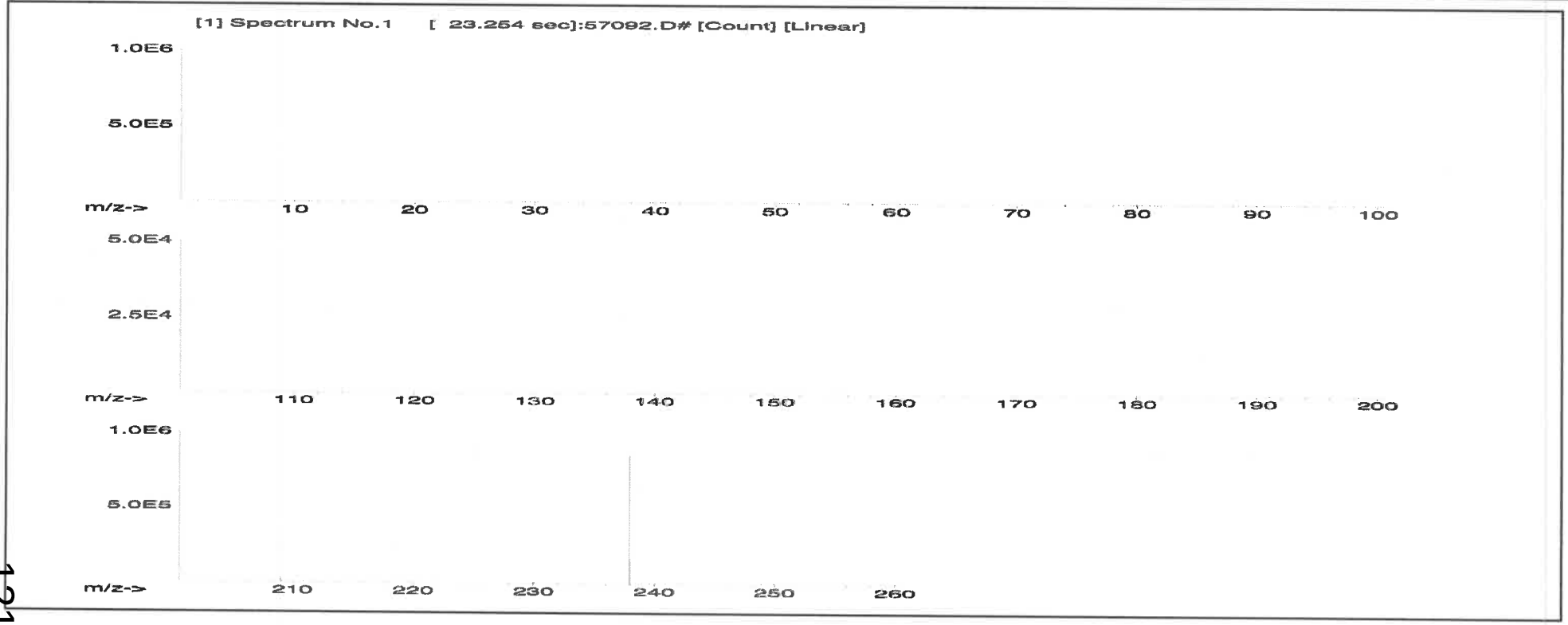
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



1218

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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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

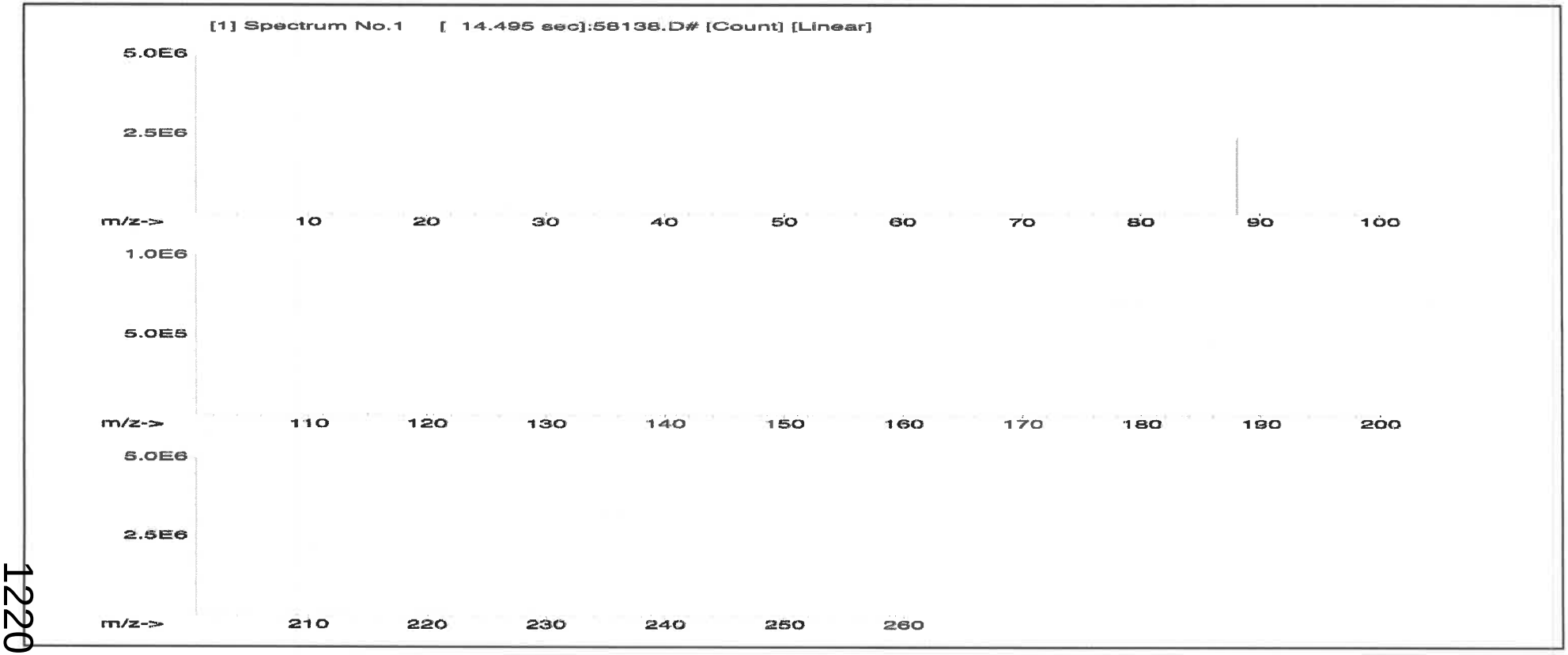
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**			**Lot #**	
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



1220

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

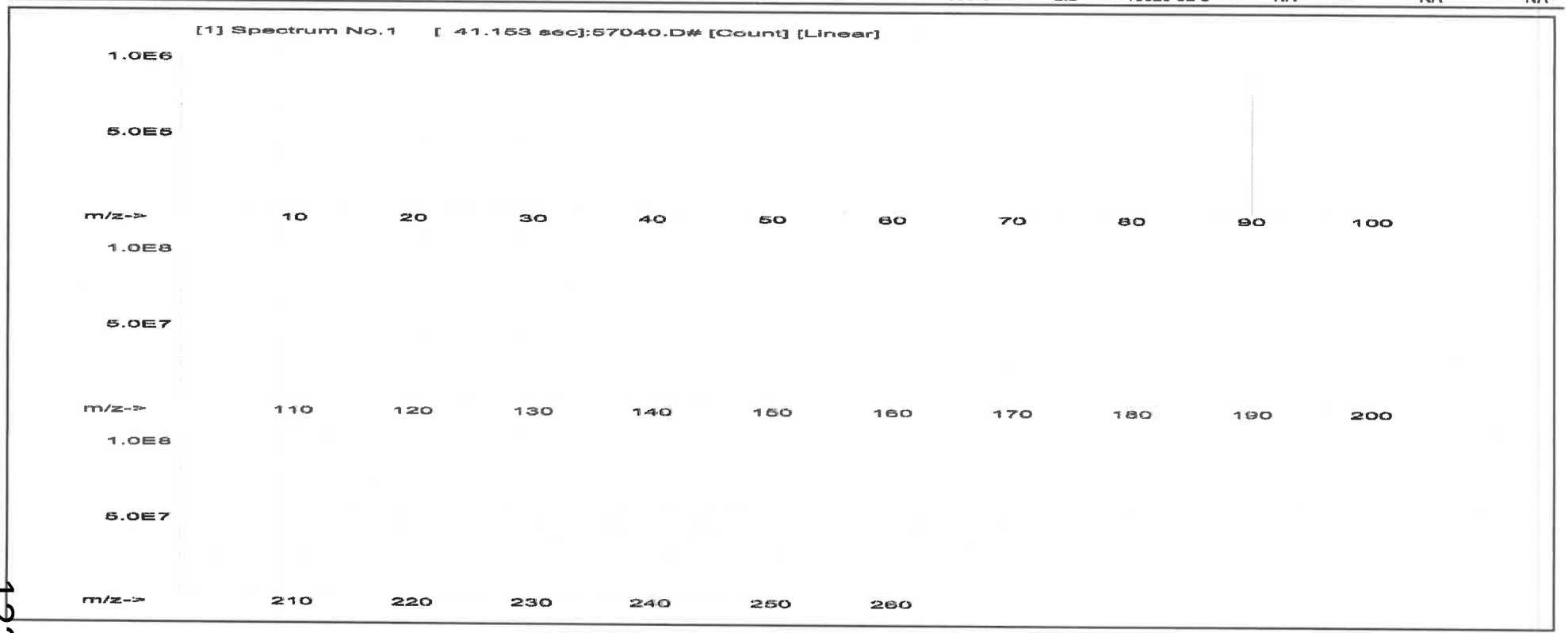
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



1222

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).

1223

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Certificate of Analysis

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Christiansburg, VA 24073 USA
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M5999

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt, 250 µg/mL ea: Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

1224

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1228

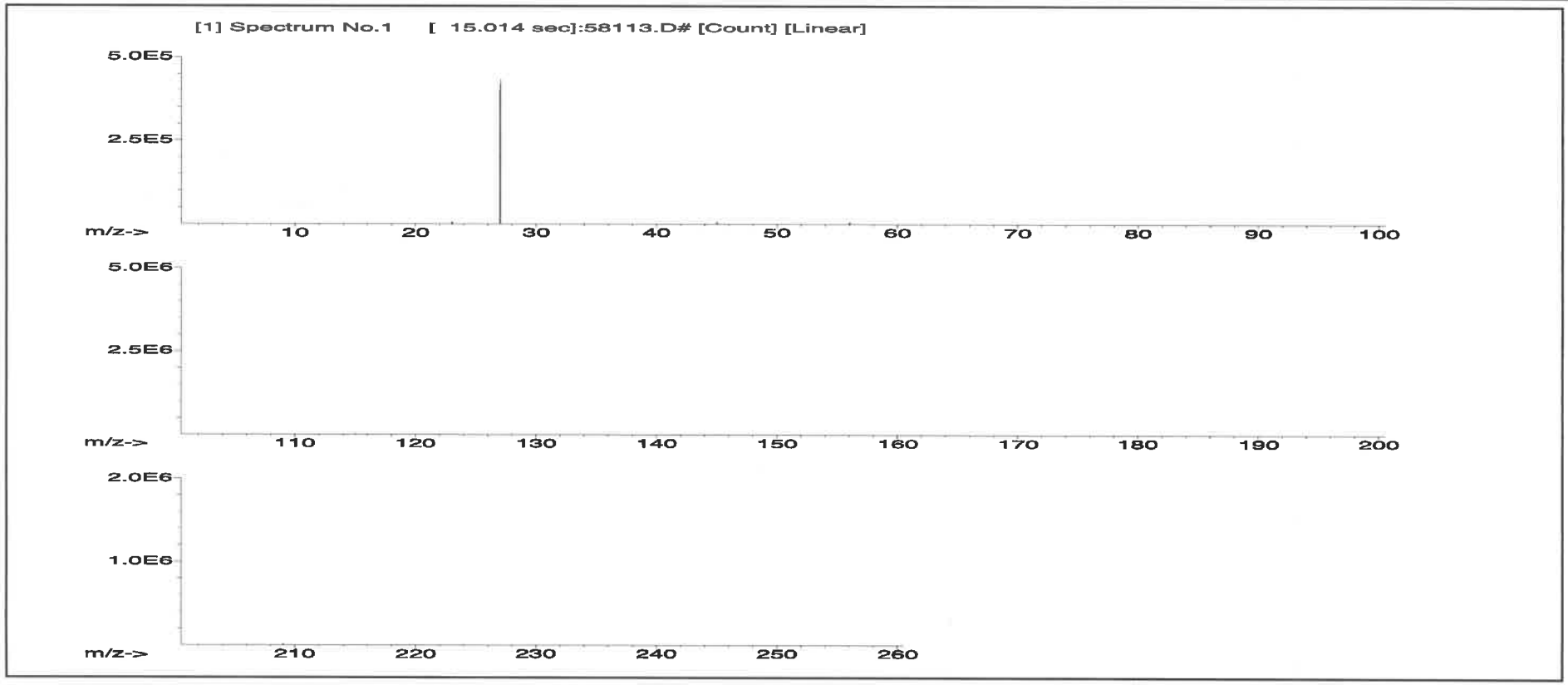
CERTIFIED WEIGHT REPORT:

Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



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

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:

1232

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

R → 10/13/24
Met dig

M 6121

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.190
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	< 0.2
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	29.7
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

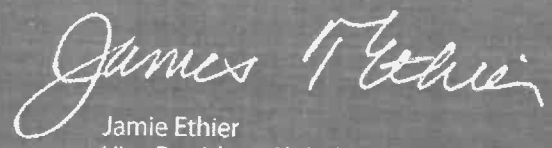
1236

Material No.: 9530-33
Batch No.: 0000275677

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	<1
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC



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

1237

M6125 Receive -> 11/22/24

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

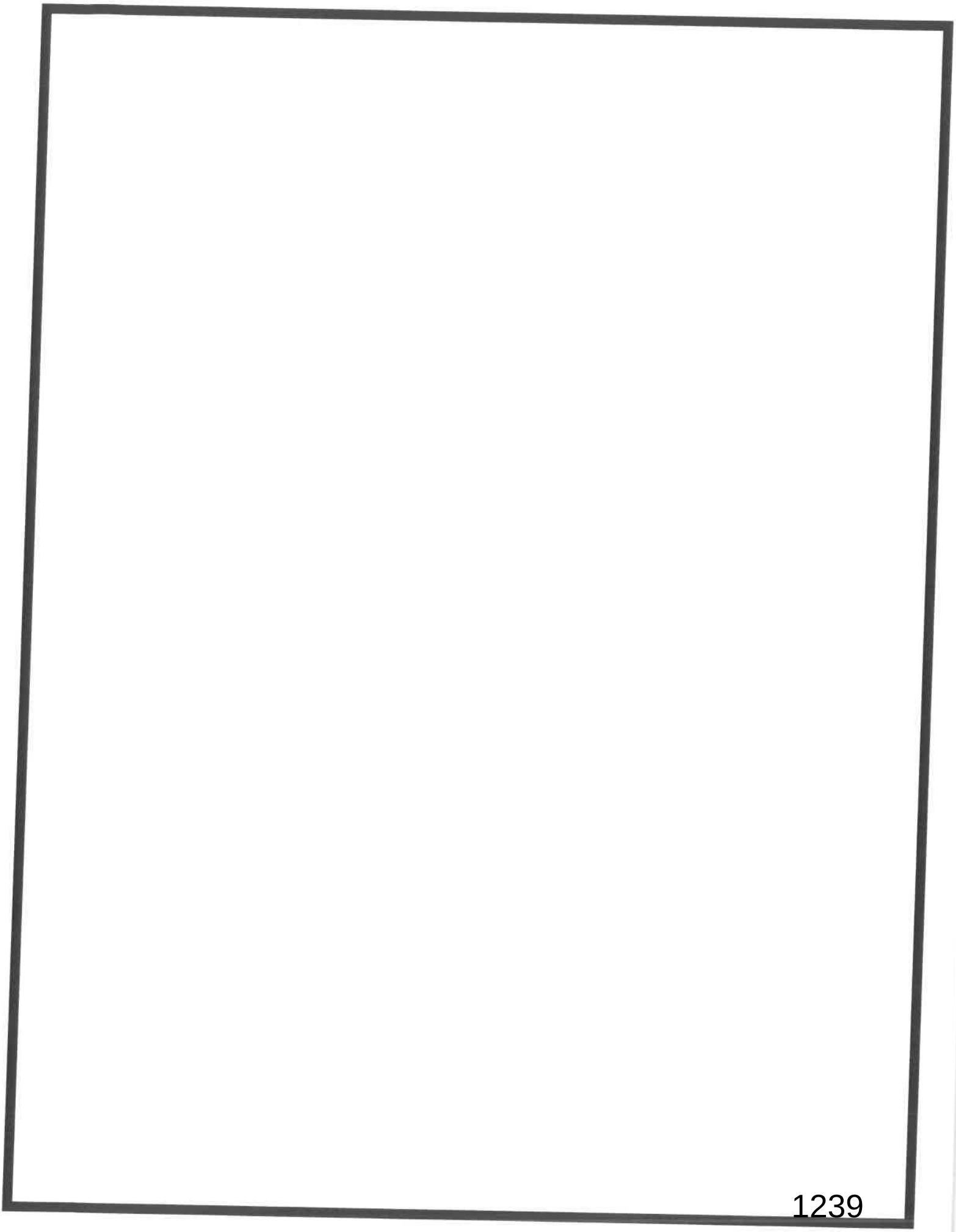
Office and Plant
299 Cedar Lane
Fairless Hills, PA 19030

Phone: 215-295-5006
Fax: 215-295-0781

Hydrogen Peroxide 30%, ACS

Reagent Grade

SPECIFICATION	MAXIMUM LIMITS
Appearance	Colorless and free from suspended matter or sediment
Assay	29-32%
Color (APHA)	10
Residue after Evaporation	0.002%
Titratable Acid	0.0006 meq/g
Chloride (Cl)	3 ppm
Nitrate (NO_3)	2 ppm
Phosphate	2 ppm
Sulfate (SO_4)	5 ppm
Ammonium (NH_4)	5 ppm
Heavy Metals (as Pb)	1 ppm
Iron (Fe)	0.5 ppm



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

M6126

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

1242

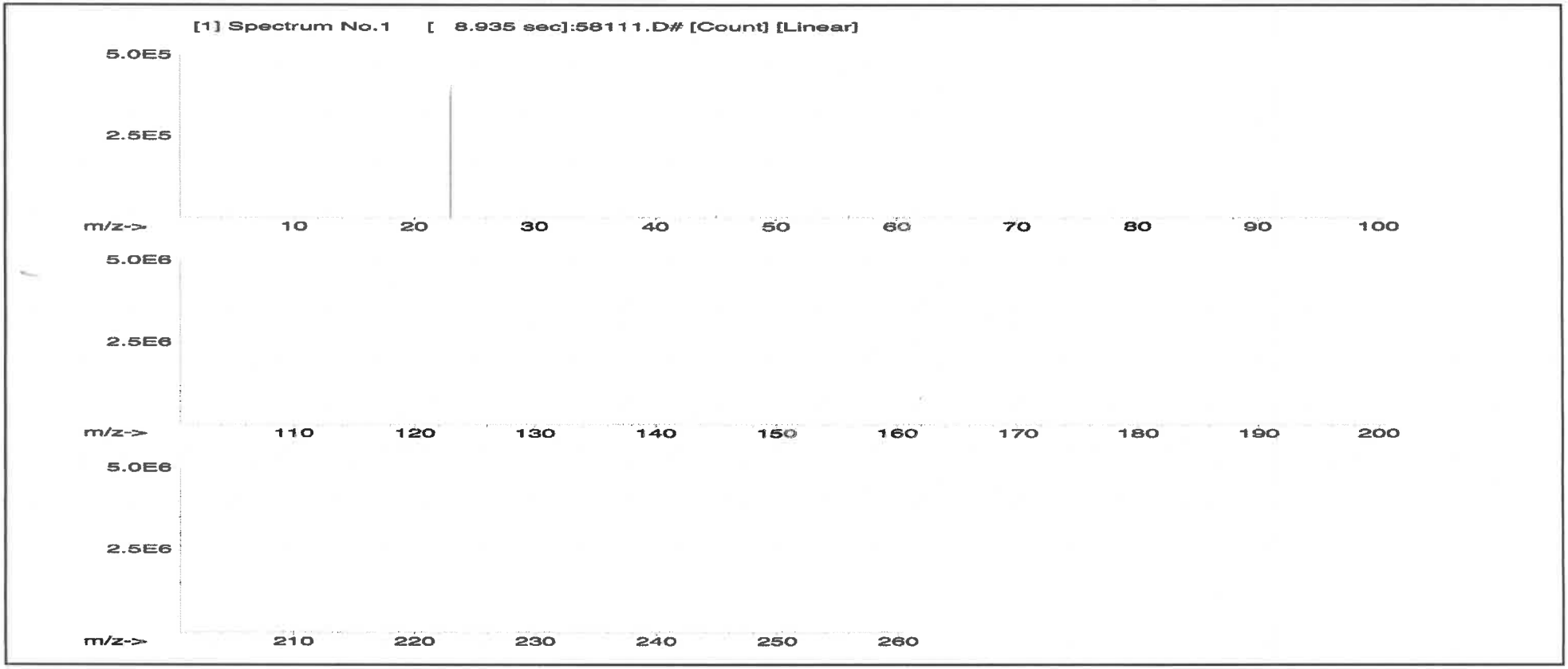
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**58111**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**122223**			
Description:	**Sodium (Na)**	2%	60.0 (mL)	Nitric Acid
Expiration Date:	122226			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	3000.4	0.06	Flask Uncertainty	

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



1243

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:

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.**

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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
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(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.

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ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 01/03/24 M5802, M5803

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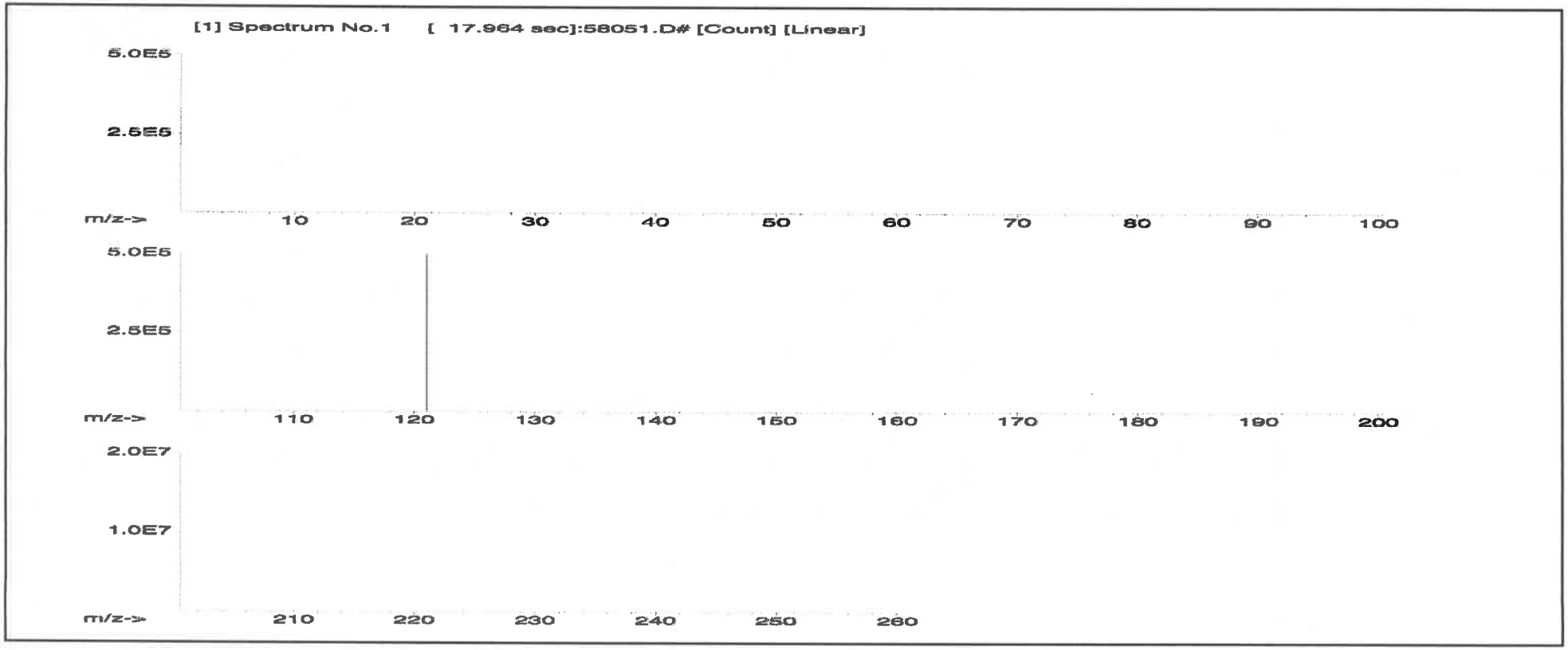
CERTIFIED WEIGHT REPORT:

		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



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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	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.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

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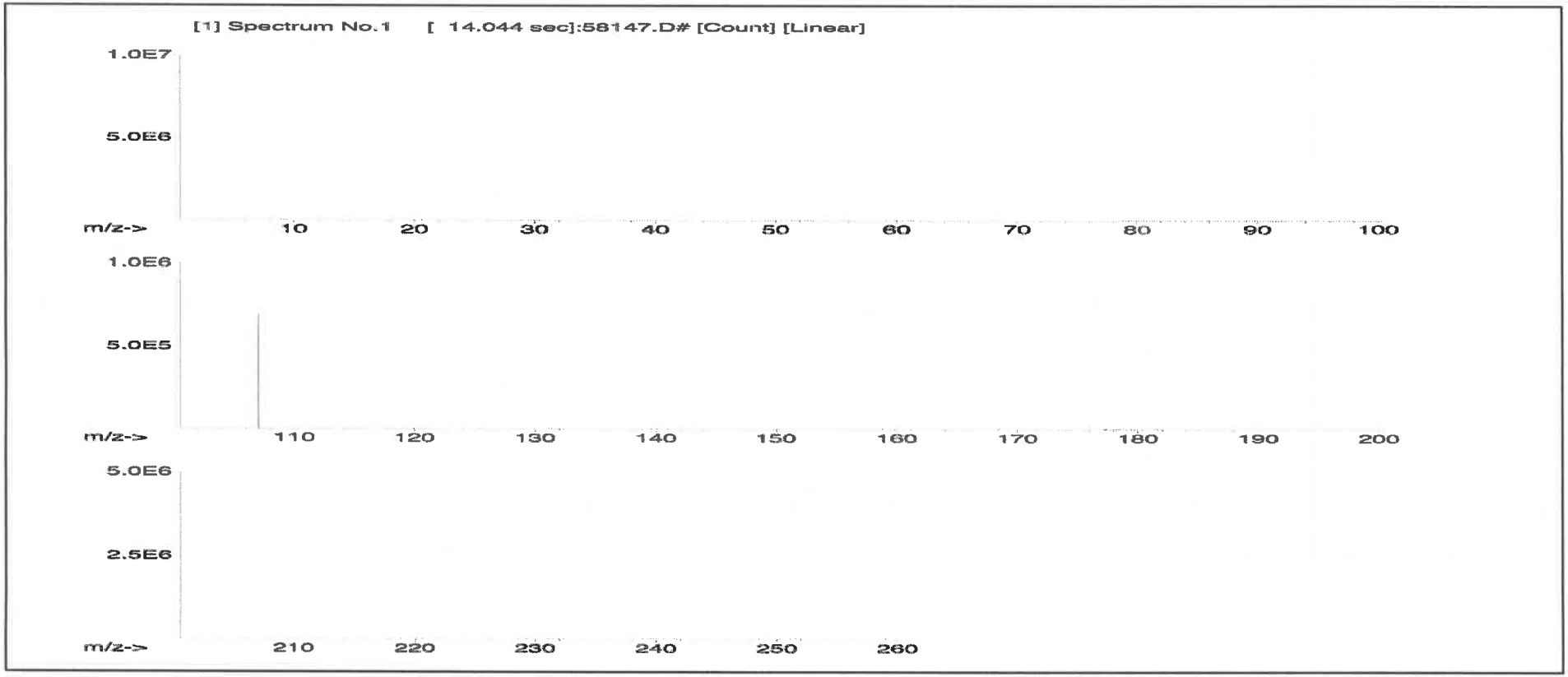
1254

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



1255

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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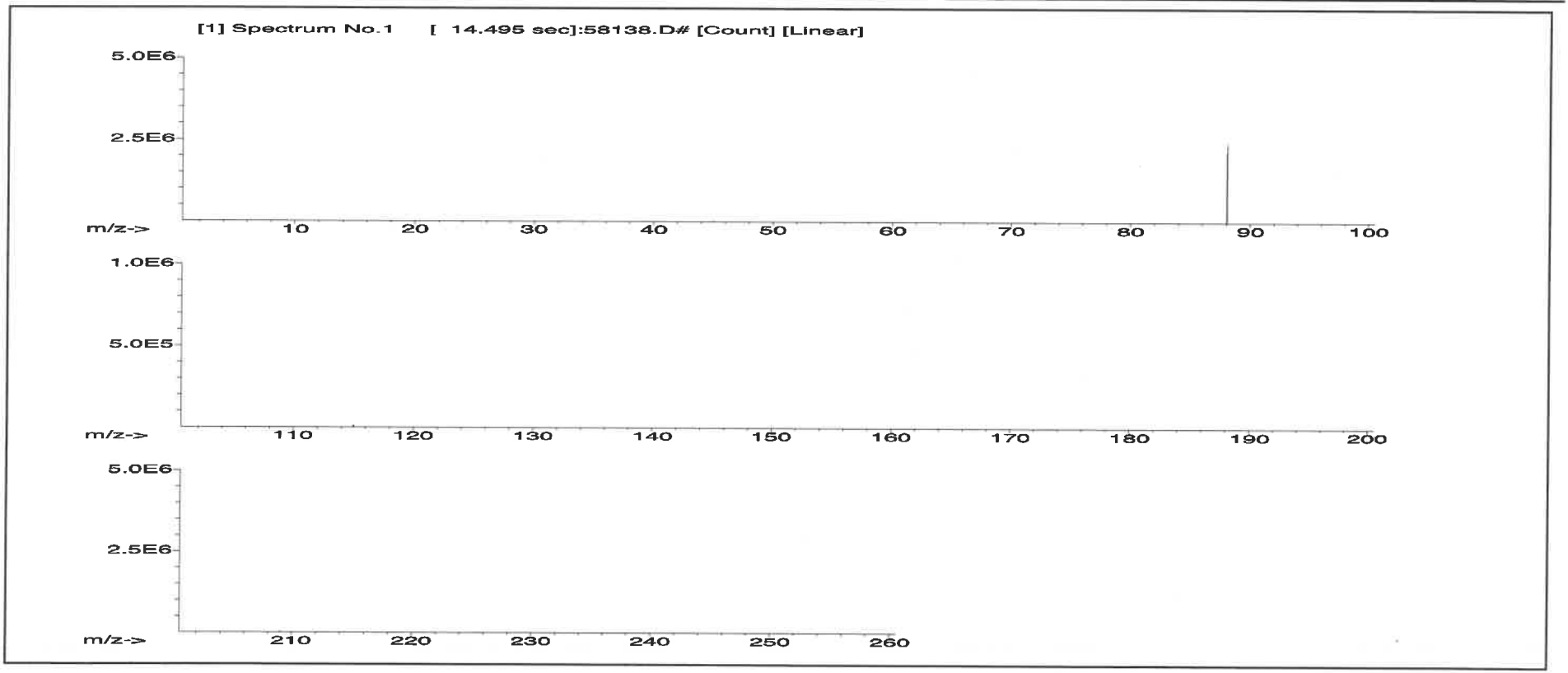
1256

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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1258

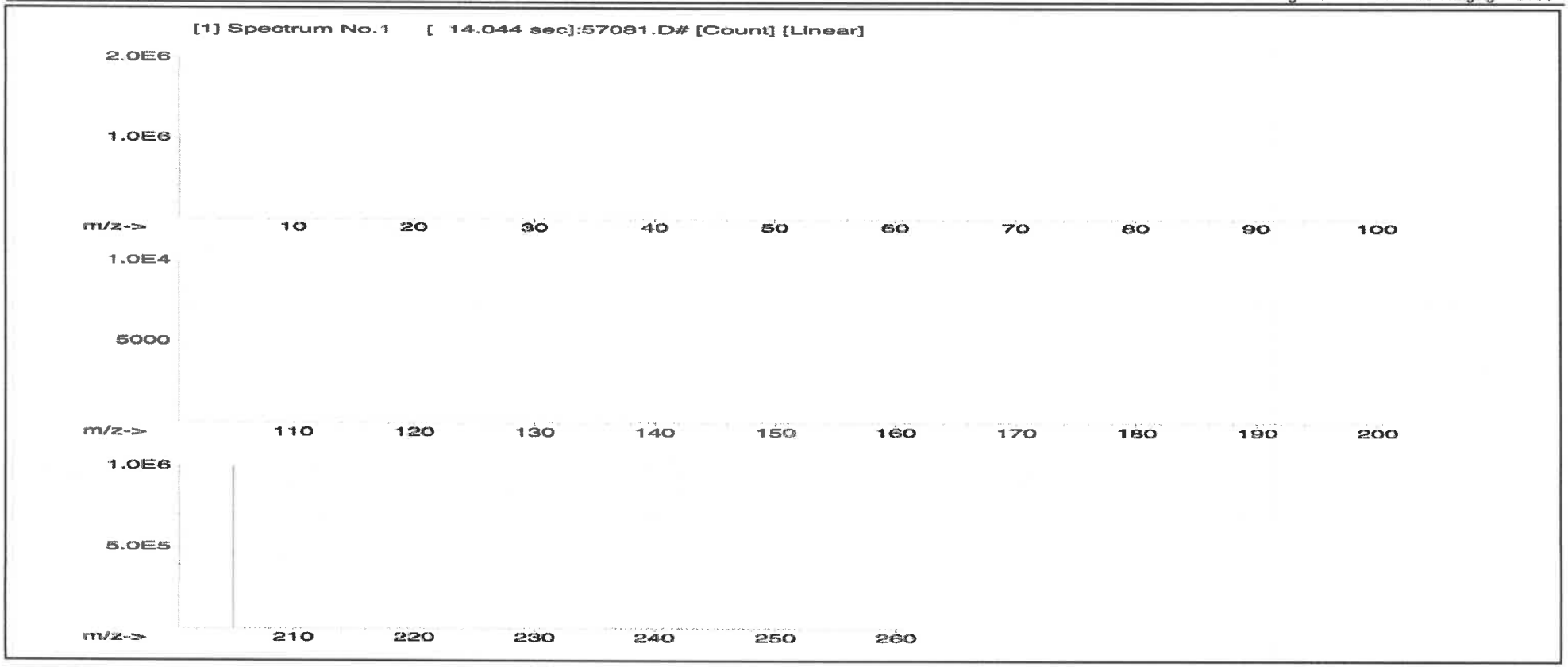
CERTIFIED WEIGHT REPORT:

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



1259

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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1260

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

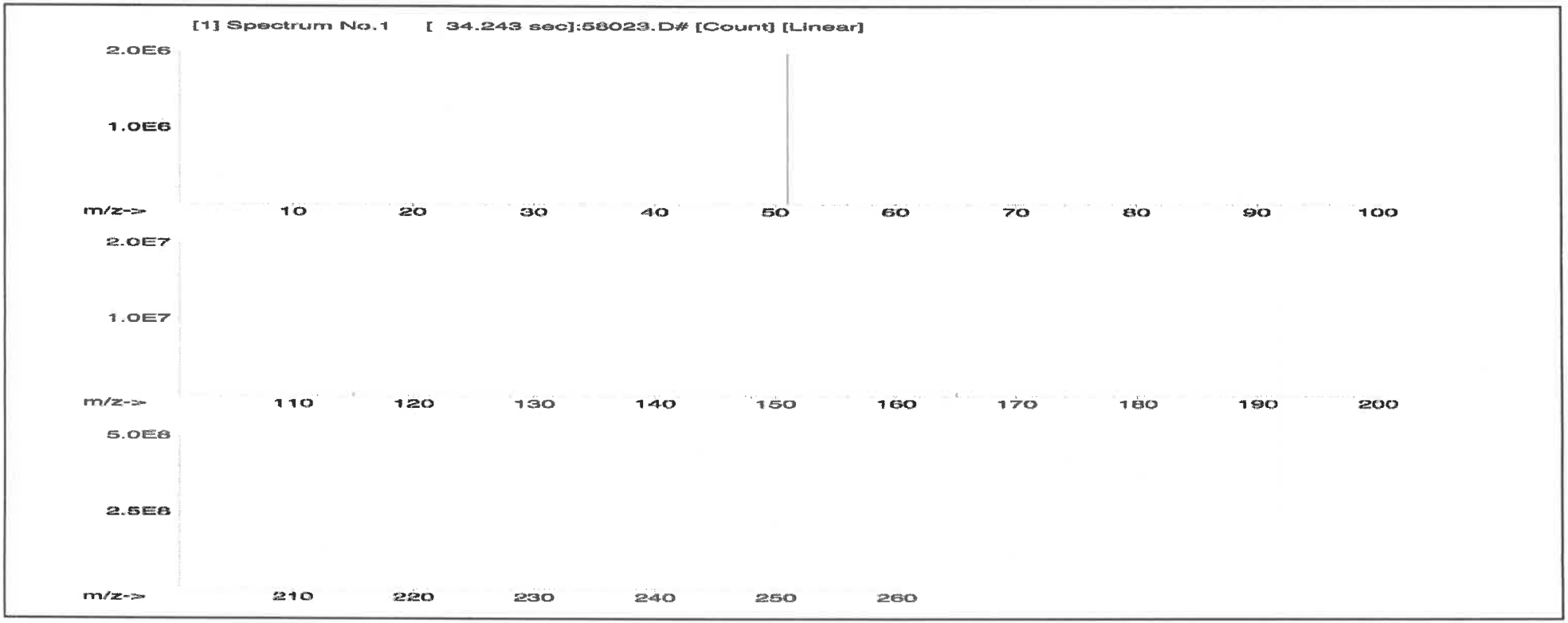
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



1261

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Water Metals Preparation Sheet

PB165859

SOP ID : M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

SDG No : MJNKK3,MJNKA0,MJNKA1,MJNL27

Start Digest Date: 12/26/2024 **Time :** 11:50 **Temp :** 96 °C

Matrix : WATER

End Digest Date: 12/26/2024 **Time :** 14:00 **Temp :** 96 °C

Pippete ID: ICP A

Digestion tube ID: M5595

Balance ID : N/A

Block thermometer ID: MET-DIG. #1

Filter paper ID : N/A

Dig Technician Signature: SKP

pH Strip ID : M6069

Supervisor Signature: [signature]

Hood ID : #3

Temp : **1.** 96°C **2.** N/A

Block ID: **1.** HOT BLOCK #1 **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	0.50	MP83670, MP83802
Spike Sol. B	0.50	MP83671
Spike Sol 1	0.0025	M5976
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	1.00	MP83498
1:1 HCL	050	MP83499
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#55 : 96

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/26/24 15:00	SBS / dig. dept.	[signature] Metals Lab
	Preparation Group	Analysis Group

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Water Metals Preparation Sheet

PB165859

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
P5254-12	MJNLG1	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	1
P5255-07	MJNLC3	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	2
P5347-01	MJNBZ9	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	3
P5347-02	MJNBZ9D	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	4
P5347-03	MJNBZ9S	<2	50	50	Colorless	Colorless	Clear	Clear	MP83671	5
P5347-04	MJNC00	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	6
P5354-01	ME2927	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	7
P5354-02	ME2928	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	8
P5354-03	ME2928D	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	9
P5354-04	ME2928S	<2	50	50	Colorless	Colorless	Clear	Clear	MP83671	10
P5363-14	MJNLE3	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	11
P5363-15	MJNLF9	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	12
P5363-16	MJNLG0	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	13
P5364-20	MJNLC4	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	14
PB165859BL	PBW859	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	15
PB165859BS	LCS859	<2	50	50	Colorless	Colorless	Clear	Clear	MP83670,MP83802	16

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Soil/Sludge Metals Preparation Sheet

PB165866

SOP ID : M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

SDG No : ME2922, MJNKA0

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HG HOT BLOCK #1 2. N/A

Start Digest Date: 12/26/2024 **Time :** 17:00 **Temp :** 96 °C

End Digest Date: 12/26/2024 **Time :** 19:10 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: HG-DIG. #1

Dig Technician Signature: SKD. M

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP83669
Spike Sol. B	1.00	MP83671
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	5.00	MP83498
1.4 HCL SOLN	10.00	MP82128
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
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:

HG HOT BLOCK #1 CELL #34 TEMP :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/26/24 20:10	SKD. mct digestion	
	Preparation Group	Analysis Group

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Soil/Sludge Metals Preparation Sheet

PB165866

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5352-01	ME2922	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	1
P5352-02	ME2924	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	2
P5352-03	ME2925	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	3
P5352-04	ME2926	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	4
P5352-05	ME2926D	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	5
P5352-06	ME2926S	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	6
P5363-01	MJNKA0	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	7
P5363-02	MJNKA2	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	8
P5363-03	MJNKA3	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	9
P5363-04	MJNKA4	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	10
P5363-05	MJNKA5	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	11
P5363-06	MJNKA6	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	12
P5363-07	MJNKA6D	N/A	1.07	500	Brown	Yellow	Medium	N/A	N/A	13
P5363-08	MJNKA6S	N/A	1.22	500	Brown	Yellow	Medium	N/A	MP83671	14
P5363-09	MJNKB6	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	15
P5363-10	MJNKC4	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	16
P5363-11	MJNKG9	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	17
P5363-12	MJNKH0	N/A	1.38	500	Brown	Yellow	Medium	N/A	N/A	18
P5363-13	MJNKJ0	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	19
PB165866BL	PBS866	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	20
PB165866BS	LCS866	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83669	21

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

Review By	Sarabjit Jaswal	Review On	12/30/2024 3:27:20 AM
Supervise By	Mohan Bera	Supervise On	12/30/2024 3:28:46 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE002	TUNE	12/27/24 14:06		Jaswal	OK
2	S00	S0	CAL1	12/27/24 14:36		Jaswal	OK
3	S01	S01	CAL2	12/27/24 14:46		Jaswal	OK
4	S02	S02	CAL3	12/27/24 14:49		Jaswal	OK
5	S03	S03	CAL4	12/27/24 14:52		Jaswal	OK
6	S04	S04	CAL5	12/27/24 14:55		Jaswal	OK
7	S05	S05	CAL6	12/27/24 14:58		Jaswal	OK
8	S06	S06	CAL7	12/27/24 15:01		Jaswal	OK
9	S07	S07	CAL8	12/27/24 15:04		Jaswal	OK
10	S08	S08	CAL9	12/27/24 15:07		Jaswal	OK
11	ICV002	ICV002	ICV	12/27/24 15:30	Inst. paused for calibration review	Jaswal	OK
12	ICB002	ICB002	ICB	12/27/24 15:38	Inst. paused for review	Jaswal	OK
13	ICSA002	ICSA002	ICSA	12/27/24 15:42		Jaswal	OK
14	ICSAB002	ICSAB002	ICSAB	12/27/24 15:45		Jaswal	OK
15	CCV011	CCV011	CCV	12/27/24 15:48		Jaswal	OK
16	CCB011	CCB011	CCB	12/27/24 15:51		Jaswal	OK
17	P5306-02DL	OU4-VSL-07-121224	SAM	12/27/24 15:57	Not Use	Jaswal	Not Ok
18	P5306-02DUPDL	OU4-VSL-07-121224	DUP	12/27/24 16:01	Not Use	Jaswal	Not Ok

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

19	P5306-02LDL	OU4-VSL-07-121224L	SD	12/27/24 16:04	Not Use	Jaswal	Not Ok
20	P5306-02MSDL	OU4-VSL-07-121224	MS	12/27/24 16:07	Not Use	Jaswal	Not Ok
21	P5306-02MSDDL	OU4-VSL-07-121224	MSD	12/27/24 16:10	Not Use	Jaswal	Not Ok
22	P5306-02ADL	OU4-VSL-07-121224A	PS	12/27/24 16:13	Not Use	Jaswal	Not Ok
23	P5306-08DL	OU4-VSL-10-121224	SAM	12/27/24 16:16	Not Use	Jaswal	Not Ok
24	P5306-10DL	OU4-VSL-11-121224	SAM	12/27/24 16:19	Not Use	Jaswal	Not Ok
25	CCV012	CCV012	CCV	12/27/24 16:23		Jaswal	OK
26	CCB012	CCB012	CCB	12/27/24 16:25		Jaswal	OK
27	PB165821BL	PBS821	MB	12/27/24 16:29		Jaswal	OK
28	PB165821BS	LCS821	LCS	12/27/24 16:32		Jaswal	OK
29	P5255-02A	MJNL72A	PS	12/27/24 16:35	PS For As-0.05-MP83764 - 10ml Sample	Jaswal	OK
30	P5256-01ARE	MJNL92A	PS	12/27/24 16:41	Not Use	Jaswal	Not Ok
31	P5259-04A	ME28X0A	PS	12/27/24 16:44	PS For As-0.034ml mp83764,Sb-0.04ml mp83714 , Cd-0.02ml mp83784 , Se-0.01ml mp83723 , Tl-0.02ml mp83716-10ml Sample	Jaswal	OK
32	P5271-06A	MJNKC7A	PS	12/27/24 16:47	Not Required	Jaswal	Not Ok
33	P5266-04	ME28Y9	SAM	12/27/24 16:50		Jaswal	OK
34	P5266-19	ME28Y9D	DUP	12/27/24 16:53		Jaswal	OK
35	P5266-04L	ME28Y9L	SD	12/27/24 16:57		Jaswal	OK

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

36	P5266-20	ME28Y9S	MS	12/27/24 17:00	MS Fail For Sb,As,Cd,Se,Tl,Zn	Jaswal	OK
37	P5266-17	ME2902	SAM	12/27/24 17:03		Jaswal	OK
38	P5266-18	ME2903	SAM	12/27/24 17:06	Cr High	Jaswal	Dilution
39	P5256-01ARE2	MJNL92A	PS	12/27/24 17:09	Not Use	Jaswal	Not Ok
40	P5250-01	MJNBZ1	SAM	12/27/24 17:12		Jaswal	OK
41	P5250-02	MJNBZ3	SAM	12/27/24 17:16		Jaswal	OK
42	P5256-01A	MJNL92A	PS	12/27/24 17:20		Jaswal	Dilution
43	P5250-03	MJNBZ4	SAM	12/27/24 17:23		Jaswal	OK
44	P5250-04	MJNBZ7	SAM	12/27/24 17:26		Jaswal	OK
45	P5250-05	MJNBZ8	SAM	12/27/24 17:29		Jaswal	OK
46	P5250-06	MJNBZ2	SAM	12/27/24 17:33		Jaswal	OK
47	P5250-07	MJNBZ2D	DUP	12/27/24 17:36		Jaswal	OK
48	P5250-06L	MJNBZ2L	SD	12/27/24 17:39		Jaswal	OK
49	P5250-08	MJNBZ2S	MS	12/27/24 17:42	MS Fail For Sb(Below RL),As(9.80ppb),Cd(Below RL),Mo(Below RL),Se(Below RL),Tl(Below RL)	Jaswal	OK
50	PB165880BL	PBS880	MB	12/27/24 17:45		Jaswal	OK
51	PB165880BS	LCS880	LCS	12/27/24 17:49		Jaswal	OK
52	PB165859BL	PBW859	MB	12/27/24 17:52		Jaswal	OK
53	PB165859BS	LCS859	LCS	12/27/24 17:55		Jaswal	OK

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

54	CCV013	CCV013	CCV	12/27/24 18:01		Jaswal	OK
55	CCB013	CCB013	CCB	12/27/24 18:11	Inst. paused for review	Jaswal	OK
56	PB165867BL	PBS867	MB	12/27/24 18:14		Jaswal	OK
57	PB165867BS	LCS867	LCS	12/27/24 18:18		Jaswal	OK
58	PB165866BL	PBS866	MB	12/27/24 18:21		Jaswal	OK
59	PB165866BS	LCS866	LCS	12/27/24 18:24		Jaswal	OK
60	P5347-05	MJNBZ5	SAM	12/27/24 18:28		Jaswal	OK
61	P5347-06	MJNBZ5D	DUP	12/27/24 18:31		Jaswal	OK
62	P5347-05L	MJNBZ5L	SD	12/27/24 18:34		Jaswal	OK
63	P5347-07	MJNBZ5S	MS	12/27/24 18:37	MS Fail For Sb,As,Cd,Se,Tl	Jaswal	OK
64	P5364-06	MJNKB1	SAM	12/27/24 18:40	As,Zn High	Jaswal	Dilution
65	P5364-07	MJNKB1D	DUP	12/27/24 18:43	As,Zn High	Jaswal	Dilution
66	P5364-06L	MJNKB1L	SD	12/27/24 18:46	As,Zn High	Jaswal	Dilution
67	P5364-08	MJNKB1S	MS	12/27/24 18:49	As,Zn High	Jaswal	Dilution
68	P5352-04	ME2926	SAM	12/27/24 18:52		Jaswal	OK
69	P5352-05	ME2926D	DUP	12/27/24 18:56		Jaswal	OK
70	P5352-04L	ME2926L	SD	12/27/24 18:59		Jaswal	OK
71	P5352-06	ME2926S	MS	12/27/24 19:02	MS Fail For Sb,As,Cd,Se,Tl	Jaswal	OK
72	P5363-06	MJNKA6	SAM	12/27/24 19:05		Jaswal	OK
73	P5363-07	MJNKA6D	DUP	12/27/24 19:08		Jaswal	OK

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

74	P5363-06L	MJNKA6L	SD	12/27/24 19:11		Jaswal	OK
75	P5363-06RE	MJNKA6	SAM	12/27/24 19:15	Not Use	Jaswal	Not Ok
76	P5347-01	MJNBZ9	SAM	12/27/24 19:18	Not Use	Jaswal	Not Ok
77	CCV014	CCV014	CCV	12/27/24 19:21		Jaswal	OK
78	CCB014	CCB014	CCB	12/27/24 19:24		Jaswal	OK
79	P5347-02	MJNBZ9D	DUP	12/27/24 19:27	Not Use	Jaswal	Not Ok
80	P5347-01L	MJNBZ9L	SD	12/27/24 19:31	Not Use	Jaswal	Not Ok
81	P5347-03	MJNBZ9S	MS	12/27/24 19:34	Not Use	Jaswal	Not Ok
82	P5354-02	ME2928	SAM	12/27/24 19:37		Jaswal	OK
83	P5354-03	ME2928D	DUP	12/27/24 19:40		Jaswal	OK
84	P5354-02L	ME2928L	SD	12/27/24 19:44		Jaswal	OK
85	P5354-04	ME2928S	MS	12/27/24 19:47		Jaswal	OK
86	P5254-12	MJNLG1	SAM	12/27/24 19:50		Jaswal	OK
87	P5255-07	MJNLC3	SAM	12/27/24 19:54		Jaswal	OK
88	P5347-04	MJNC00	SAM	12/27/24 19:57	Not Use	Jaswal	Not Ok
89	P5354-01	ME2927	SAM	12/27/24 20:00		Jaswal	OK
90	P5363-14	MJNLE3	SAM	12/27/24 20:04		Jaswal	OK
91	P5363-15	MJNLF9	SAM	12/27/24 20:07		Jaswal	OK
92	P5363-16	MJNLG0	SAM	12/27/24 20:10		Jaswal	OK
93	P5364-20	MJNLC4	SAM	12/27/24 20:13		Jaswal	OK

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

94	P5364-01	MJNKA1	SAM	12/27/24 20:17		Jaswal	OK
95	P5364-02	MJNKA7	SAM	12/27/24 20:20		Jaswal	OK
96	P5364-03	MJNKA8	SAM	12/27/24 20:23		Jaswal	OK
97	P5364-04	MJNKA9	SAM	12/27/24 20:26		Jaswal	OK
98	P5364-05	MJNKB0	SAM	12/27/24 20:29	As High	Jaswal	Dilution
99	P5364-09	MJNKB2	SAM	12/27/24 20:32	As,Zn High	Jaswal	Dilution
100	P5364-10	MJNKB3	SAM	12/27/24 20:36		Jaswal	OK
101	P5364-11	MJNKB4	SAM	12/27/24 20:39	As,Zn High	Jaswal	Dilution
102	P5364-12	MJNKB5	SAM	12/27/24 20:42		Jaswal	OK
103	P5364-13	MJNKB9	SAM	12/27/24 20:45		Jaswal	OK
104	P5364-14	MJNKC1	SAM	12/27/24 20:49		Jaswal	OK
105	P5364-15	MJNKC2	SAM	12/27/24 20:52		Jaswal	OK
106	CCV015	CCV015	CCV	12/27/24 20:55		Jaswal	OK
107	CCB015	CCB015	CCB	12/27/24 21:06	Inst. paused for review	Jaswal	OK
108	P5364-16	MJNKC3	SAM	12/27/24 21:09		Jaswal	OK
109	P5364-17	MJNKG8	SAM	12/27/24 21:12		Jaswal	OK
110	P5364-18	MJNKH9	SAM	12/27/24 21:15		Jaswal	OK
111	P5364-19	MJNKJ1	SAM	12/27/24 21:19		Jaswal	OK
112	P5352-01	ME2922	SAM	12/27/24 21:22		Jaswal	OK
113	P5352-02	ME2924	SAM	12/27/24 21:25		Jaswal	OK

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

114	P5352-03	ME2925	SAM	12/27/24 21:28		Jaswal	OK
115	P5363-01	MJNKA0	SAM	12/27/24 21:32		Jaswal	OK
116	P5363-02	MJNKA2	SAM	12/27/24 21:35	As High	Jaswal	Dilution
117	P5363-08	MJNKA6S	MS	12/27/24 21:38		Jaswal	OK
118	P5363-03	MJNKA3	SAM	12/27/24 21:41	As High	Jaswal	Dilution
119	P5363-04	MJNKA4	SAM	12/27/24 21:44	As High	Jaswal	Dilution
120	P5363-05	MJNKA5	SAM	12/27/24 21:47	As,Pb,Zn High , INT_STD 209Bi (1) Fail	Jaswal	Dilution
121	P5363-09	MJNKB6	SAM	12/27/24 21:50	As,Pb,Zn High	Jaswal	Dilution
122	P5363-10	MJNKC4	SAM	12/27/24 21:53		Jaswal	OK
123	P5363-11	MJNKG9	SAM	12/27/24 21:56		Jaswal	OK
124	P5363-12	MJNKH0	SAM	12/27/24 21:59		Jaswal	OK
125	P5363-13	MJNKJ0	SAM	12/27/24 22:02		Jaswal	OK
126	CCV016	CCV016	CCV	12/27/24 22:32		Jaswal	OK
127	CCB016	CCB016	CCB	12/27/24 22:35		Jaswal	OK
128	P5364-06ARE	MJNKB1A	PS	12/27/24 22:41	not Use	Jaswal	Not Ok
129	P5266-04ARE	ME28Y9A	PS	12/27/24 22:43	not Use	Jaswal	Not Ok
130	P5352-04ARE	ME2926A	PS	12/27/24 22:47	not Use	Jaswal	Not Ok
131	P5347-05ARE	MJNBZ5A	PS	12/27/24 22:50	not Use	Jaswal	Not Ok
132	P5250-06ARE	MJNBZ2A	PS	12/27/24 22:53	not Use	Jaswal	Not Ok

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

133	P5364-06ARE2	MJNKB1A	PS	12/27/24 22:56	not Use	Jaswal	Not Ok
134	CCV017	CCV017	CCV	12/27/24 23:44		Jaswal	OK
135	CCB017	CCB017	CCB	12/27/24 23:47		Jaswal	OK
136	P5266-18DL	ME2903	SAM	12/27/24 23:51	2X For Cr	Jaswal	Confirms
137	P5364-06DL	MJNKB1	SAM	12/27/24 23:54	2X For As,Zn , Still As High	Jaswal	Dilution
138	P5364-07DL	MJNKB1D	DUP	12/27/24 23:57	2X For As,Zn , Still As High	Jaswal	Dilution
139	P5364-06LDL	MJNKB1L	SD	12/28/24	10X For As,Zn , Still As High	Jaswal	Dilution
140	P5364-08DL	MJNKB1S	MS	12/28/24 00:03	2X For As,Zn , Still As High	Jaswal	Dilution
141	P5364-06DL2	MJNKB1	SAM	12/28/24 00:06	Not Use	Jaswal	Not Ok
142	P5364-07DL2	MJNKB1D	DUP	12/28/24 00:09	Not Use	Jaswal	Not Ok
143	P5364-06LDL2	MJNKB1L	SD	12/28/24 00:12	Not Use	Jaswal	Not Ok
144	P5364-08DL2	MJNKB1S	MS	12/28/24 00:16	Not Use	Jaswal	Not Ok
145	P5364-06DL3	MJNKB1	SAM	12/28/24 00:19	10X For As	Jaswal	Confirms
146	P5364-07DL3	MJNKB1D	DUP	12/28/24 00:22	10X For As	Jaswal	Confirms
147	P5364-06LDL3	MJNKB1L	SD	12/28/24 00:25	50X For As	Jaswal	Confirms
148	P5364-08DL3	MJNKB1S	MS	12/28/24 00:28	10X For As	Jaswal	Confirms
149	P5364-05DL	MJNKB0	SAM	12/28/24 00:32	2X For As	Jaswal	Confirms
150	P5364-09DL	MJNKB2	SAM	12/28/24 00:35	5X For As,Zn , Still As High	Jaswal	Dilution
151	P5364-09DL2	MJNKB2	SAM	12/28/24 00:38	20X for As	Jaswal	Confirms

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

Review By	Sarabjit Jaswal	Review On	12/30/2024 3:27:20 AM
Supervise By	Mohan Bera	Supervise On	12/30/2024 3:28:46 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

152	P5364-11DL	MJNKB4	SAM	12/28/24 00:41	2X For As,Zn , Still As High	Jaswal	Dilution
153	P5364-11DL2	MJNKB4	SAM	12/28/24 00:44	Not Use	Jaswal	Not Ok
154	P5364-11DL3	MJNKB4	SAM	12/28/24 00:47	10X For As	Jaswal	Confirms
155	P5363-02DL	MJNKA2	SAM	12/28/24 00:50	Not Use	Jaswal	Not Ok
156	P5363-02DL2	MJNKA2	SAM	12/28/24 00:54	5X For As	Jaswal	Confirms
157	P5363-03DL	MJNKA3	SAM	12/28/24 00:57	5X For As	Jaswal	Confirms
158	CCV018	CCV018	CCV	12/28/24 01:00		Jaswal	OK
159	CCB018	CCB018	CCB	12/28/24 01:03		Jaswal	OK
160	P5363-04DL	MJNKA4	SAM	12/28/24 01:06	Not Use	Jaswal	Not Ok
161	P5363-04DL2	MJNKA4	SAM	12/28/24 01:09	5X For As	Jaswal	Confirms
162	P5363-05DL	MJNKA5	SAM	12/28/24 01:12	2X for Int_std 209Bi , Still high	Jaswal	Dilution
163	P5363-05DL2	MJNKA5	SAM	12/28/24 01:15	10X For As,Pb,Zn , Still As High	Jaswal	Dilution
164	P5363-05DL3	MJNKA5	SAM	12/28/24 01:18	25X For As	Jaswal	Confirms
165	P5363-09DL	MJNKB6	SAM	12/28/24 01:22	2X For As,Pb,Zn , Still As,Zn High	Jaswal	Dilution
166	P5363-09DL2	MJNKB6	SAM	12/28/24 01:25	5X For As,Zn, Still As High	Jaswal	Dilution
167	P5363-09DL3	MJNKB6	SAM	12/28/24 01:28	Not Use	Jaswal	Not Ok
168	P5363-09DL4	MJNKB6	SAM	12/28/24 01:31	25X For As	Jaswal	Confirms
169	P5364-06A	MJNKB1A	PS	12/28/24 01:34	Not Required	Jaswal	Not Ok

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134112

Review By	Sarabjit Jaswal	Review On	12/30/2024 3:27:20 AM
Supervise By	Mohan Bera	Supervise On	12/30/2024 3:28:46 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83670
Chk Standard	MP83635,MP83634

170	P5266-04A	ME28Y9A	PS	12/28/24 01:37	PS For Sb,As,Cd,Se,Tl,Zn(0.0004 ml mp83835,0.029ml mp83764,0.025ml mp83784,0.01ml mp83723,0.02ml mp83716,0.0042ml m5819-10ml sample)	Jaswal	OK
171	P5352-04A	ME2926A	PS	12/28/24 01:40	PS For Sb,As,Cd,Se,Tl(0.0004ml mp83835,0.033ml mp83765,0.02ml mp83784,0.01ml mp83723,0.02ml mp83716-10ml sample)	Jaswal	OK
172	P5347-05A	MJNBZ5A	PS	12/28/24 01:43	PS For Sb,As,Cd,Se,Tl(0.0004ml mp83835,0.016ml mp83765,0.02ml mp83784,0.01ml mp83723,0.02ml mp83716-10ml sample)	Jaswal	OK
173	P5250-06A	MJNBZ2A	PS	12/28/24 01:47	Not Use	Jaswal	Not Ok
174	CCV019	CCV019	CCV	12/28/24 01:50		Jaswal	OK
175	CCB019	CCB019	CCB	12/28/24 01:53		Jaswal	OK

ORIGIN ID:BVUA (425) 941-1406
ATTN: CANDICE SCHWARTZ
CH2MHILL
1100 112TH AVE NE
SUITE 500
BELLEVUE, WA 98004
UNITED STATES US

SHIP DATE: 19DEC24
ACTWGT: 48.00 LB
CAD: 105505917/INET4535
DIMS: 24x14x14 IN

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ALLIANCE TECHNICAL (CLP LAB)
284 SHEFFIELD STREET MOUNTAINSIDE

MOUNTAINSIDE NJ 07092
(908) 728-3151
INV:
PO: ASARCO / E. GRIFFITHS
REF: D385610O.B.PN.ODC.01.6-2
DEPT:

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12-20-2024
Temp
7.8c

58CJ5/49B9/C8C4

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Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P5363	Order Date :	12/20/2024 9:49:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51821	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	12/20/2024 9:49:00 AM	EDD Type :	EPA CLP
Date Sign Off :	12/20/2024 12:06:43 PM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P5363-01	MJNKA0	Solid	12/17/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-02	MJNKA2	Solid	12/17/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-03	MJNKA3	Solid	12/16/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-04	MJNKA4	Solid	12/17/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-05	MJNKA5	Solid	12/13/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-06	MJNKA6	Solid	12/13/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-07	MJNKA6D	Solid	12/13/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-08	MJNKA6S	Solid	12/13/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-09	MJNKB6	Solid	12/16/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-10	MJNKC4	Solid	12/12/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025

P5363-11	MJNKG9	Solid	12/16/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-12	MJNKH0	Solid	12/13/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-13	MJNKJ0	Solid	12/13/2024						
				Metals CLP4 MS		SFAM_MS	15	01/10/2025	01/10/2025
				Percent Solids		Chemtech -SOP	15	01/10/2025	01/10/2025
P5363-14	MJNLE3	Water	12/12/2024		EB				
				Metals CLP MS-CLP4		SFAM_MS	15	01/10/2025	01/10/2025
P5363-15	MJNLF9	Water	12/13/2024		EB				
				Metals CLP MS-CLP4		SFAM_MS	15	01/10/2025	01/10/2025
P5363-16	MJNLG0	Water	12/16/2024		EB				
				Metals CLP MS-CLP4		SFAM_MS	15	01/10/2025	01/10/2025

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB165859 **WorkList ID :** 186623 **Department :** Digestion **Date :** 12-26-2024 11:22:1

1276

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5254-12	MJNLG1	Water	Metals CLP MS-CLP4	1:1 HNO3 to pH < 2	USEP01	C11	12/09/2024	SFAM_MS
P5255-07	MJNLC3	Water	Metals CLP MS-CLP4	1:1 HNO3 to pH < 2	USEP01	C12	12/05/2024	SFAM_MS
P5347-01	MJNBZ9	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C11	12/16/2024	SFAM_MS
P5347-02	MJNBZ9D	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C11	12/16/2024	SFAM_MS
P5347-03	MJNBZ9S	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C11	12/16/2024	SFAM_MS
P5347-04	MJNC00	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C11	12/16/2024	SFAM_MS
P5354-01	ME2927	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C11	12/17/2024	SFAM_MS
P5354-02	ME2928	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C43	12/17/2024	SFAM_MS
P5354-03	ME2928D	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C43	12/17/2024	SFAM_MS
P5354-04	ME2928S	Water	Metals CLP MS	1:1 HNO3 to pH < 2	USEP01	C43	12/17/2024	SFAM_MS
P5363-14	MJNLE3	Water	Metals CLP MS-CLP4	1:1 HNO3 to pH < 2	USEP01	C43	12/17/2024	SFAM_MS
P5363-15	MJNLF9	Water	Metals CLP MS-CLP4	1:1 HNO3 to pH < 2	USEP01	C21	12/12/2024	SFAM_MS
P5363-16	MJNLG0	Water	Metals CLP MS-CLP4	1:1 HNO3 to pH < 2	USEP01	C21	12/13/2024	SFAM_MS
P5364-20	MJNLC4	Water	Metals CLP MS-CLP4	1:1 HNO3 to pH < 2	USEP01	C21	12/16/2024	SFAM_MS
						C12	12/19/2024	SFAM_MS

Date/Time 12/26/24 11:38

Raw Sample Received by: SLD. met digestion

Raw Sample Relinquished by: CP

Date/Time 12/26/24 12:38

Raw Sample Received by: CP

Raw Sample Relinquished by: SLD. met digestion

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB165866 **WorkList ID :** 186633 **Department :** Digestion **Date :** 12-26-2024 16:00:56

1280

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5352-01	ME2922	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	C11	12/17/2024	SFAM_MS
P5352-02	ME2924	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	C11	12/17/2024	SFAM_MS
P5352-03	ME2925	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	C11	12/17/2024	SFAM_MS
P5352-04	ME2926	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	C11	12/17/2024	SFAM_MS
P5352-05	ME2926D	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	C11	12/17/2024	SFAM_MS
P5352-06	ME2926S	Solid	Metals CLP MS FULL	Cool 4 deg C	USEP01	C11	12/17/2024	SFAM_MS
P5363-01	MJNKA0	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/17/2024	SFAM_MS
P5363-02	MJNKA2	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/17/2024	SFAM_MS
P5363-03	MJNKA3	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/16/2024	SFAM_MS
P5363-04	MJNKA4	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/17/2024	SFAM_MS
P5363-05	MJNKA5	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/13/2024	SFAM_MS
P5363-06	MJNKA6	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/13/2024	SFAM_MS
P5363-07	MJNKA6D	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/13/2024	SFAM_MS
P5363-08	MJNKA6S	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/13/2024	SFAM_MS
P5363-09	MJNKB6	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/13/2024	SFAM_MS
P5363-10	MJNKC4	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/16/2024	SFAM_MS
P5363-11	MJNKG9	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/12/2024	SFAM_MS
P5363-12	MJNKH0	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/16/2024	SFAM_MS
P5363-13	MJNKJ0	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C21	12/13/2024	SFAM_MS

Date/Time 12/26/24 16:25

Raw Sample Received by: SLD. metdigestion

Raw Sample Relinquished by: EG CSM.

Date/Time 12/26/24 17:25.

Raw Sample Received by: EG CSM

Raw Sample Relinquished by: SLD. met digest