SDG COVER PAGE

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

Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNL92

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MJNL92	P5256-01		X		
MJNL92D	P5256-02		X		
MJNL92S	P5256-03		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: 12/10/2024
CarrierName: FedEx
AirbillNo: 7706 5594 5660

CHAIN OF CUSTODY RECORD

Case #: 51821
Cooler #: 10

No: 10-121024-144805-0013
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
MJNL27	MJNL27	Sediment/ LV	Grab	ICP-MS(21)	1539 (< 6 C) (1)	OU6-CS-YB15-0.0-0.5	12/05/2024 09:45	
MJNL72	MJNL72	Sediment/ CT	Grab	ICP-MS(21)	1584 (< 6 C) (1)	OU6-CS-YB19-1.0-1.3	12/03/2024 16:20	
MJNL92	MJNL92	Sediment/ LV	Grab	ICP-MS(21)	1240 (< 6 C) (1)	OU6-CS-YB21-0.0-1.0	12/03/2024 11:10	
MJNL93	MJNL93	Sediment/ LV	Grab	ICP-MS(21)	1605 (< 6 C) (1)	OU6-CS-YB21-0.0-1.0-FD	12/03/2024 11:10	
MJNL94	MJNL94	Sediment/ CT	Grab	ICP-MS(21)	1606 (< 6 C) (1)	OU6-CS-YB21-1.0-1.6	12/03/2024 11:15	
MJNLC3	MJNLC3	Water/ SB	Grab	ICP-MS(21)	1645 (HNO3 pH<2) (1)	OU6-YB-EB-001	12/05/2024 08:55	
MJNLH4	MJNLH4	Sediment/ SB	Composite	TCLP-Metals(21)	1244 (< 6 C) (1)	OU6-CS-YB20-0.0-0.7	12/06/2024 16:35	

Sample(s) to be used for Lab QC: MJNL72 Tag 1584, MJNL92 Tag 1240 - Special Instructions: TCLP (As, Ba, Cd, Cr,Pb,Se,Ag) PLUS
TCLP Hg 0543483, 0543484

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: ICP-MS=CLP Metals (As, Cu, Pb, Zn)-Sediment, TCLP-Metals=CLP TCLP Metals (As, Ba, Cd, Cr,Pb,Se,Ag, Hg)-Sed

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
				9:40 12-11-24	IR-Cooler 2.0-5 Custody Seal Intact Temp Blk present

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) Cagayan Rio		Log-in Date 12/11/2024
Received By (Signature)		
Case Number 51821	SDG No. MJNL92	MA No. N/A

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	0543483,0543484
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	770655945660 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.0 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	12/11/2024
12.Time Received	09:40

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MJNL92	N/A	1240	P5256-01	Intact
2	MJNL92D	N/A	1240	P5256-02	Intact
3	MJNL92S	N/A	1240	P5256-03	Intact
4	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	12/11/24	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.	**MJNL92**
MA NO.		SOW NO.	**SFAM01.1**

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

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	2	✓	
3 . Sample Log-In Sheet (DC-1)	3	3	✓	
4 . CSF Inventory Sheet (DC-2)	4	6	✓	
5 . SDG Narrative	7	9	✓	
6 . Communication Logs	10	14	✓	
7 . Percent Solids Log	15	18	✓	
Analysis Forms and Data (ICP-AES)				
8 . Sample Analysis Data Forms (1A-OR, 1B-OR, and 1-IN) for each sample or sample analysis, laboratory QC as applicable	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	19	19	✓	
18 . Instrument raw data by instrument in analysis order	20	850	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	851	983	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	984	985	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	986	992	✓	
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)	993	993	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	994	994	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	995	995	✓	
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 # MJNL92
CASE # 51821
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P5256

A. Number of Samples and Date of Receipt

01 Soil sample was delivered to the laboratory intact on 12/11/2024

B. Parameters

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

C. Cooler Temp

Indicator Bottle**: Presence/**Absence

Cooler: 2.0^{o}C

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

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

Issue 2: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed.

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.

Resolution 2: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with 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 MJNL92 For Arsenic:

If C = 419.14 ppb
Vf = 500 ml
W = 1.24 g
S = 0.457(45.7/100)
DF = 1

$$\text{Concentration (mg/kg)} = 419.14 \times \frac{500}{1.24 \times 0.457} \times 1 / 1000$$

$$= 369.8207 \text{ mg/kg}$$

$$= 370 \text{ mg/kg (Reported Result with Signification)}$$

H. QA/ QC

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

284 Sheffield Street
Mountainside, NJ 07092

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
MJNL92	45.7
MJNL92D	45.7
MJNL92S	45.7

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
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

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Thursday, December 12, 2024 1:38 PM
To: Mohammad Ahmed; Deepak Parmar; Sohil Jodhani
Cc: Johnson, Matthew; Bauer, Heather E; Dunn, Meghan (she/her/hers; Reece, Caitlin
Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation | FINAL

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Secured by Check Point

Good afternoon,

Please see the below Resolution 1 from Region 10. Please note that resolutions for the remaining issues will be provided once available.

Inappropriate/insufficient designation of laboratory QC
Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 and not use the remaining designated samples for QC. Please advise on how the laboratory may proceed.
Resolution 1: Per Region 10, it is acceptable for the laboratory to proceed with performing laboratory QC on samples MJNKK5, MJNL72, and MJNL92 and the scheduled analyses on the remaining samples. Please note the issue in the SDG Narrative and proceed with analysis of the samples.

Samples/analyses listed on COC but not received at laboratory
Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

Samples/analyses received at laboratory but not listed on COC
Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Please note that the laboratory may contact the appropriate CLP PM should any defects need to be waived for this issue.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive

Chantilly, VA 20151
www.gdit.com

GENERAL DYNAMICS
information technology

Leave Alert: December 24, 2024

From: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>
Sent: Thursday, December 12, 2024 1:08 PM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Documentation

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Hi Casey,

Apologies for the delay:

Issue 1: It is acceptable proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 for laboratory QC and scheduled analyses on the remaining samples as preferred by the lab.

The sampling team is figuring out Issues 2 & 3. There is a suspected mis-labeling.

Thank you,
Meghan

Meghan Dunn
QA Chemist / RSCC
(Regional Sample Control Coordinator)
U.S. EPA, Region 10
Cell (206) 330-6743
Office (206) 553-8561

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Wednesday, December 11, 2024 8:32 AM
To: Dunn, Meghan (she/her/hers) <dunn.meghan@epa.gov>; Reece, Caitlin <Reece.Caitlin@epa.gov>
Subject: Region 10 | Case 51821 | Lab ACE | Issue Documentation

Caution: This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

Good morning,

Please see the below issues from ACE.

Inappropriate/insufficient designation of laboratory QC
Issue 1: The attached COC indicates the laboratory should use CLP sample numbers MJNKK5, MJNKN6, MJNKQ9, MJNKW2, MJNL72, and MJNL92 for laboratory QC, but the laboratory only requires one sample for QC per shipment. The laboratory would like to proceed with performing laboratory QC on CLP sample numbers MJNKK5, MJNL72, and MJNL92 for laboratory QC and scheduled analyses on the remaining samples. Please advise on how the laboratory may proceed.

Samples/analyses listed on COC but not received at laboratory
Issue 2: CLP sample numbers MJNKK3 and MJNKK4 are listed on the received COC, but these samples were not received at the laboratory. Please advise on how the laboratory may proceed.

Samples/analyses received at laboratory but not listed on COC
Issue 3: CLP sample numbers MJNKK6 and MJNKK8 were received at the laboratory, but these samples are not listed on the received COC. Please advise on how the laboratory may proceed.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com



Leave Alert: December 24, 2024

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Wednesday, December 11, 2024 11:21 AM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Good morning,

Please see Attached other COC for sample MJNKK5.

Thanks & Regards,

Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Shaeffer, Casey <Casey.Shaeffer@gdit.com>
Sent: Wednesday, December 11, 2024 11:15 AM
To: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
Subject: RE: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

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Secured by Check Point

Good morning, Deepak,

Would the laboratory please confirm the CLP sample numbers that they'd like to use for laboratory QC? The below email lists sample MJNKK5, but this sample is not listed on the attached COC.

Thank you,

Casey Shaeffer

Associate Environmental Analyst
CLP QSS Coordinator – EPA Regions 4 & 10
Under contract to the EPA

T: (571) 454-2416
casey.shaeffer@gdit.com
15036 Conference Center Drive
Chantilly, VA 20151
www.gdit.com

Leave Alert: December 24, 2024

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Wednesday, December 11, 2024 10:58 AM
To: Shaeffer, Casey <Casey.Shaeffer@gdit.com>

Cc: Sohil Jodhani <Sohil.Jodhani@AllianceTG.com>
Subject: Region 10 | Case 51821 | Lab ACE | Issue Discrepancies with tags, jars, and/or COC

This Message Is From an External Sender

Please use caution with links, attachments, and any requests for credentials.

Good morning,

Issue 1: Lab received six samples mentioned COC for lab QC however lab need only one QC sample per SDG. Lab will use samples MJNKK5, MJNL72 and MJNL92 for Lab QC. Lab will use other QC samples as regular analysis .

Issue 2: sample MJNKK3 and MJNKK4 mentioned on COC but not received with shipment. Sample MJNKK6 and MJNKK8 received but not mentioned on COC. there for lab would like to confirm they should proceed with analysis ?

Please see attachment for your reference.

Thanks & Regards,

Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/16/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:10
In Date: 12/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 12/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133943

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
P5254-01	MJNKK5	1	1.16	8.50	9.66	5.48	50.8	
P5254-02	MJNKK5D	2	1.16	8.50	9.66	5.48	50.8	
P5254-03	MJNKK5S	3	1.16	8.50	9.66	5.48	50.8	
P5254-04	MJNKL7	4	1.18	8.79	9.97	6.09	55.9	
P5254-05	MJNKP2	5	1.16	8.59	9.75	4.16	34.9	
P5254-06	MJNKP3	6	1.15	8.80	9.95	4.23	35.0	
P5254-07	MJNKP4	7	1.16	8.76	9.92	4.06	33.1	
P5254-08	MJNKP5	8	1.15	8.79	9.94	4.71	40.5	
P5254-09	MJNKX2	9	1.12	8.42	9.54	6.79	67.3	
P5254-10	MJNL82	10	1.16	8.83	9.99	6.73	63.1	
P5254-11	MJNL83	11	1.15	8.66	9.81	8.22	81.6	
P5254-13	MJNKK3	12	1.18	8.79	9.97	6.51	60.6	
P5254-14	MJNKK4	13	1.15	8.81	9.96	8.38	82.1	
P5254-15	MJNKN6	14	1.19	8.66	9.85	5.58	50.7	
P5254-16	MJNKN7	15	1.15	8.82	9.97	5.84	53.2	
P5254-17	MJNKN8	16	1.18	8.79	9.97	6.59	61.5	
P5254-18	MJNKQ9	17	1.11	8.75	9.86	4.34	36.9	
P5254-19	MJNKT0	18	1.15	8.81	9.96	7.05	67.0	
P5254-20	MJNKW1	19	1.15	8.83	9.98	6.76	63.5	
P5254-21	MJNKW2	20	1.14	8.83	9.97	8.04	78.1	
P5254-22	MJNKY3	21	1.13	8.65	9.78	6.62	63.5	
P5255-01	MJNL27	22	1.15	8.82	9.97	8.8	86.7	
P5255-02	MJNL72	23	1.14	8.69	9.83	7.85	77.2	
P5255-03	MJNL72D	24	1.14	8.69	9.83	7.85	77.2	
P5255-04	MJNL72S	25	1.14	8.69	9.83	7.85	77.2	
P5255-05	MJNL93	26	1.16	8.64	9.8	5.07	45.3	
P5255-06	MJNL94	27	1.19	8.43	9.62	7.09	70.0	
P5256-01	MJNL92	28	1.17	8.54	9.71	5.07	45.7	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/16/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:10
In Date: 12/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 12/14/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB133943

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
P5256-02	MJNL92D	29	1.17	8.54	9.71	5.07	45.7	
P5256-03	MJNL92S	30	1.17	8.54	9.71	5.07	45.7	

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

WORKLIST(Hardcopy Internal Chain)

VB 133943

WorkList Name : %1-p5254 **WorkList ID :** 186330 **Department :** Wet-Chemistry **Date :** 12-13-2024 13:01:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5254-01	MJNKK5	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-02	MJNKK5D	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-03	MJNKK5S	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-04	MJNKL7	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-05	MJNKP2	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-06	MJNKP3	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-07	MJNKP4	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-08	MJNKP5	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-09	MJNKX2	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-10	MJNL82	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-11	MJNL83	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/06/2024	Chemtech -SO
P5254-13	MJNKK3	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/06/2024	Chemtech -SO
P5254-14	MJNKK4	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-15	MJNKN6	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-16	MJNKN7	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-17	MJNKN8	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-18	MJNKQ9	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-19	MJNKT0	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/09/2024	Chemtech -SO
P5254-20	MJNKW1	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/04/2024	Chemtech -SO
P5254-21	MJNKW2	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO
P5254-22	MJNKY3	Solid	Percent Solids	Cool 4 deg C	USEP01	C11	12/05/2024	Chemtech -SO

17

Date/Time 12-13-24 13:10

Raw Sample Received by: JB WC

Raw Sample Relinquished by: QP

Date/Time 12-13-24 14:15 JB 14:15

Raw Sample Received by: QP

Raw Sample Relinquished by: JB WC

VB133943

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-p5254 **WorkList ID :** 186330 **Department :** Wet-Chemistry **Date :** 12-13-2024 13:01:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5255-01	MJNL27	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/05/2024	Chemtech -SO
P5255-02	MJNL72	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-03	MJNL72D	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-04	MJNL72S	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-05	MJNL93	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5255-06	MJNL94	Solid	Percent Solids	Cool 4 deg C	USEP01	C12	12/03/2024	Chemtech -SO
P5256-01	MJNL92	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	12/03/2024	Chemtech -SO
P5256-02	MJNL92D	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	12/03/2024	Chemtech -SO
P5256-03	MJNL92S	Solid	Percent Solids	Cool 4 deg C	USEP01	C13	12/03/2024	Chemtech -SO

18

Date/Time 12-13-24 13:10

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 12-13-24 14:15

Raw Sample Received by:

Raw Sample Relinquished by:

EPA SAMPLE NO.

MJNL92

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.: MJNL92

Matrix: SOIL Lab Sample ID: P5256-01

% Solids: 45.7 Date Received: 12/11/2024

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	370		12/26/2024	1552
7440-50-8	Copper	5100		12/26/2024	1552
7439-92-1	Lead	460		12/26/2024	1552
7440-66-6	Zinc	1600		12/26/2024	1552

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

Comments:

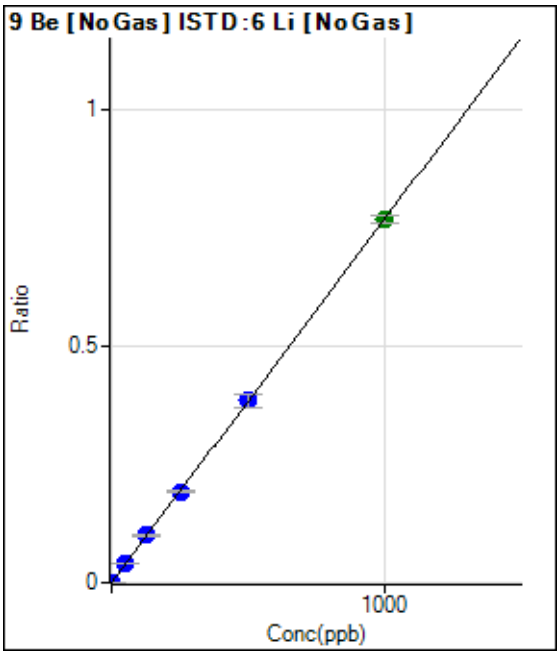
Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

Calibration for 079SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122624 MS.b\
Analysis File: P7122624 MS.batch.bin
DA Date-Time: 2024-12-26 19:00:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-26 13:42:24
2	006CALS.d	S02	2024-12-26 13:48:59
3	007CALS.d	S03	2024-12-26 13:52:15
4	008CALS.d	S04	2024-12-26 13:55:16
5	009CALS.d	S05	2024-12-26 13:58:06
6	010CALS.d	S06	2024-12-26 14:00:54
7	011CALS.d	S07	2024-12-26 14:03:38
8	012CALS.d	S08	2024-12-26 14:06:24

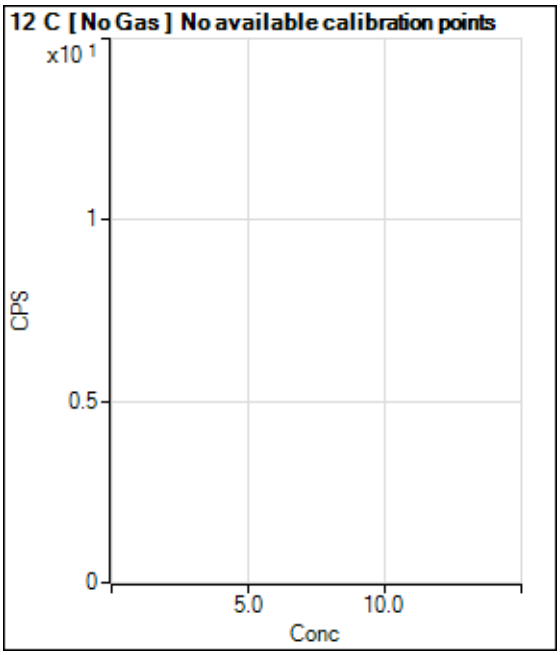
Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7



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1	☐	0.000	0.000	56.67	0.0000	P	14.7
2	☐	1.000	1.246	1862.35	0.0010	P	6.9
3	☐	50.000	52.826	80860.78	0.0407	P	0.9
4	☐	125.000	130.089	199826.33	0.1001	P	1.1
5	☐	250.000	250.624	382579.41	0.1928	P	1.0
6	☐	500.000	501.441	722724.45	0.3858	P	7.5
7	☐	1000.000	998.346	1451135.95	0.7681	A	2.1
8	☐			375.56	0.0002	P	7.8

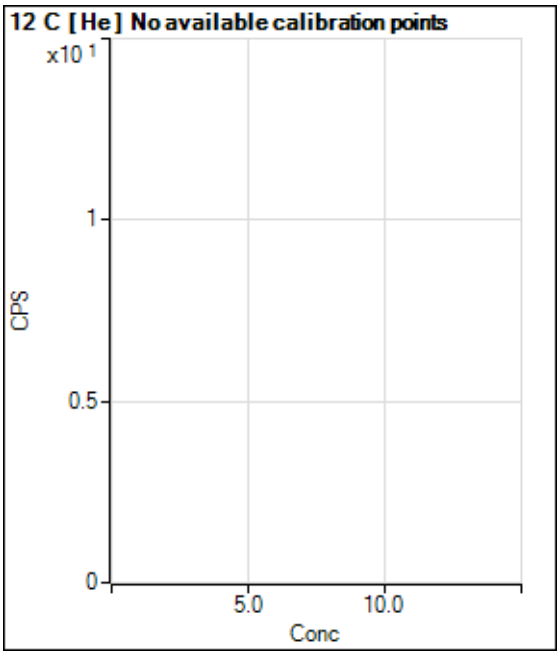
y = 7.6934E-004 * x + 2.8737E-005
R = 1.0000
DL = 0.01651
BEC = 0.03735

Weight: <None>
Min Conc: 0

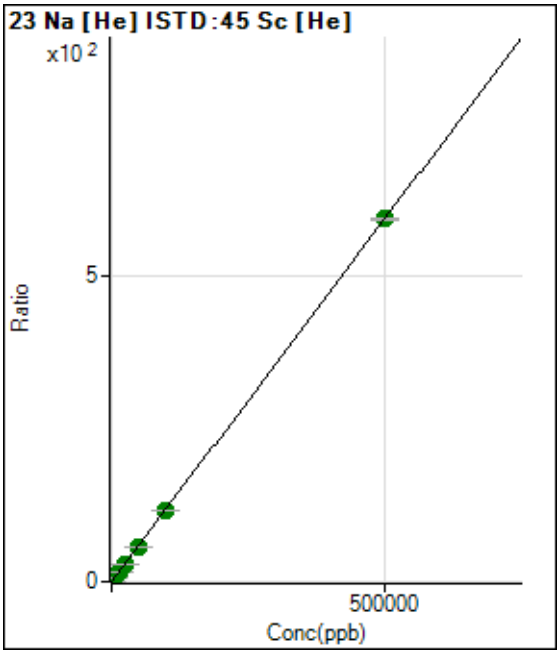


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7



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

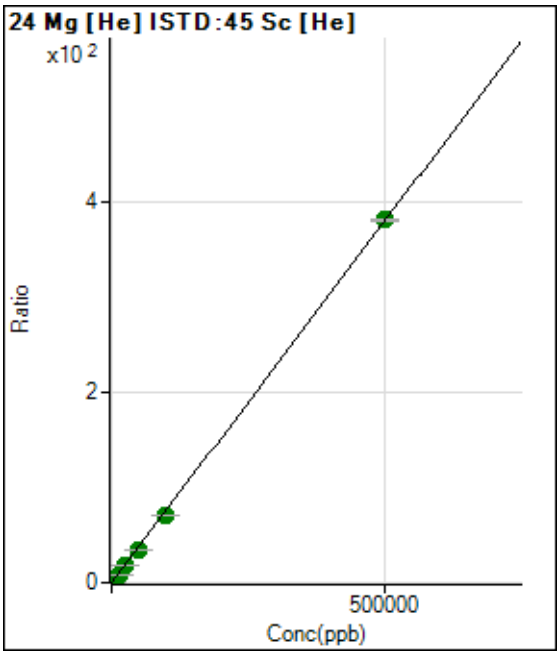


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17171.88	0.0264	P	1.4
2	☐	500.000	508.005	411476.39	0.6299	P	0.5
3	☐	5000.000	4978.498	3699283.94	5.9410	A	0.3
4	☐	12500.000	12556.359	8787895.08	14.9438	A	0.6
5	☐	25000.000	24884.417	16288795.04	29.5899	A	0.5
6	☐	50000.000	48198.322	31185166.20	57.2876	A	3.1
7	☐	100000.00	98443.308	61929503.52	116.9803	A	0.1
8	☐	500000.00	500496.08	331097037.29	594.6324	A	0.7

y = 0.0012 * x + 0.0264
R = 1.0000
DL = 0.9035
BEC = 22.23

Weight: <None>
Min Conc: 0

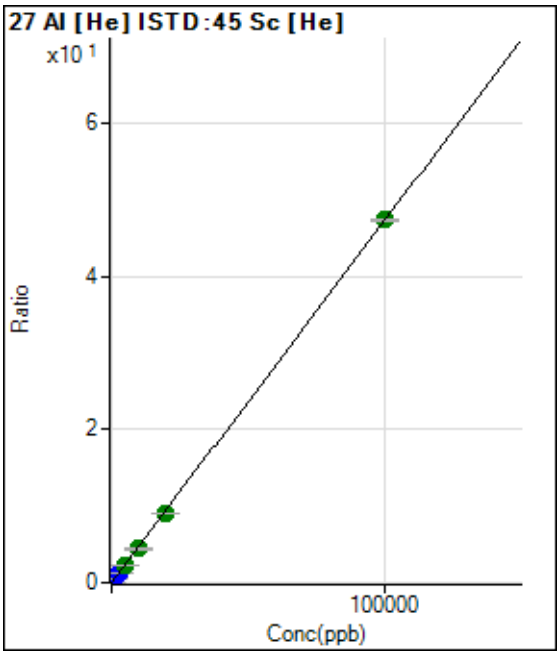
Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	625.58	0.0010	P	3.4
2	☐	500.000	523.218	259932.84	0.3979	P	0.2
3	☐	5000.000	4737.224	2238704.45	3.5952	A	1.2
4	☐	12500.000	11886.620	5303790.82	9.0196	A	1.2
5	☐	25000.000	23621.054	9865966.31	17.9227	A	0.8
6	☐	50000.000	45191.498	18665287.50	34.2887	A	3.2
7	☐	100000.00	92130.691	37006276.67	69.9024	A	0.1
8	☐	500000.00	502141.59	212138352.39	380.9860	A	0.5

y = 7.5872E-004 * x + 9.6216E-004
R = 0.9998
DL = 0.1304
BEC = 1.268

Weight: <None>
Min Conc: 0

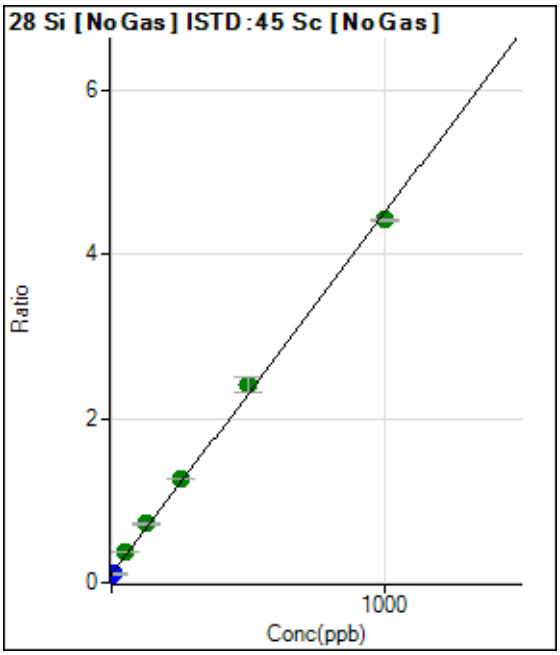


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.89	0.0003	P	2.1
2	☐	20.000	20.153	6436.96	0.0099	P	2.7
3	☐	1000.000	961.592	283423.76	0.4552	P	0.6
4	☐	2500.000	2413.176	671490.55	1.1419	P	0.7
5	☐	5000.000	4924.370	1282482.14	2.3298	A	0.8
6	☐	10000.000	9420.167	2426010.33	4.4565	A	3.1
7	☐	20000.000	19260.433	4823550.03	9.1114	A	0.6
8	☐	100000.00	100212.23	26396000.72	47.4056	A	0.4

y = 4.7305E-004 * x + 3.2127E-004
R = 1.0000
DL = 0.04368
BEC = 0.6791

Weight: <None>
Min Conc: 0

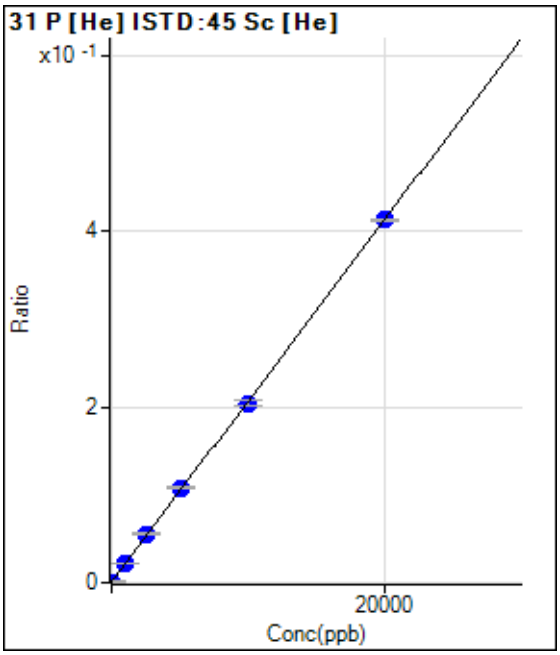
Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	741703.03	0.0979	P	0.6
2	☐	10.000	2.005	776862.02	0.1068	P	4.7
3	☐	50.000	61.623	2705564.92	0.3699	A	1.2
4	☐	125.000	140.218	5019582.36	0.7167	A	1.3
5	☐	250.000	266.403	8468450.57	1.2736	A	0.7
6	☐	500.000	525.990	14706226.86	2.4191	A	7.1
7	☐	1000.000	980.501	27409259.04	4.4249	A	0.7
8	☐			634671.53	0.0990	P	3.3

y = 0.0044 * x + 0.0979
R = 0.9991
DL = 0.4041
BEC = 22.19

Weight: <None>
Min Conc: 0

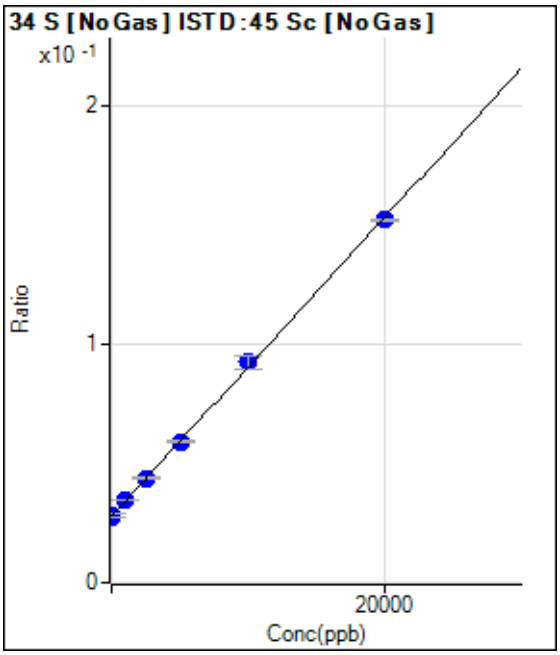


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.562	228.89	0.0004	P	11.2
2	☐	0.000	17.562	702.25	0.0011	P	5.5
3	☐	1000.000	1066.484	14118.80	0.0227	P	1.5
4	☐	2500.000	2670.512	32757.22	0.0557	P	0.6
5	☐	5000.000	5204.683	59389.06	0.1079	P	0.7
6	☐	10000.000	9849.746	110798.35	0.2035	P	3.1
7	☐	20000.000	19999.318	218397.65	0.4125	P	0.4
8	☐			297.79	0.0005	P	6.7

y = 2.0592E-005 * x + 7.1349E-004
R = 0.9999
DL = 7.199
BEC = 34.65

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-93.996	206808.22	0.0273	P	0.8
2	☐	0.000	93.996	207252.07	0.0285	P	4.6
3	☐	1000.000	1054.936	252490.75	0.0345	P	0.5
4	☐	2500.000	2555.984	307721.24	0.0439	P	1.1
5	☐	5000.000	5012.581	394678.73	0.0594	P	0.9
6	☐	10000.000	10310.669	563099.36	0.0926	P	6.6
7	☐	20000.000	19831.776	943844.07	0.1524	P	0.7
8	☐			155901.57	0.0243	P	3.6

y = 6.2768E-006 * x + 0.0279

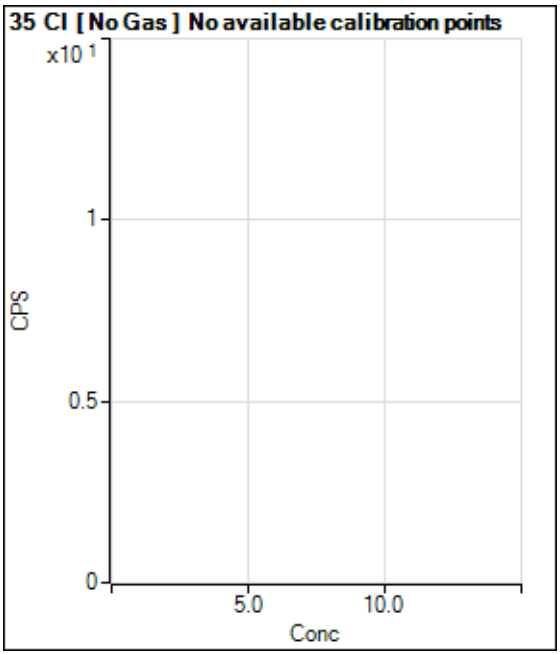
R = 0.9998

DL = 367

BEC = 4444

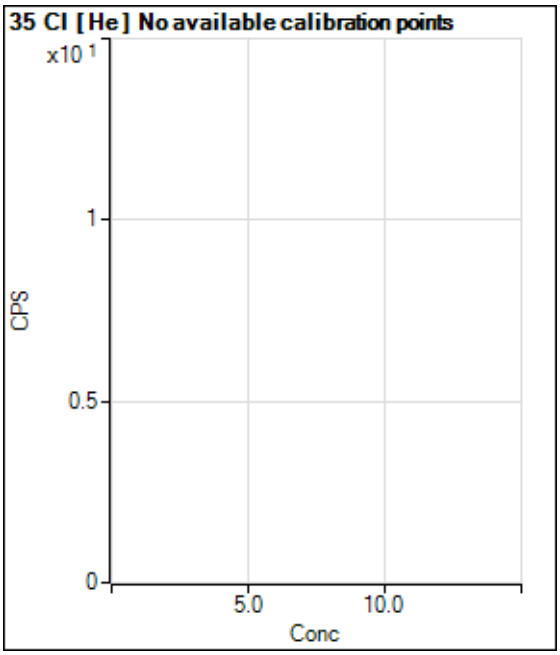
Weight: <None>

Min Conc: 0

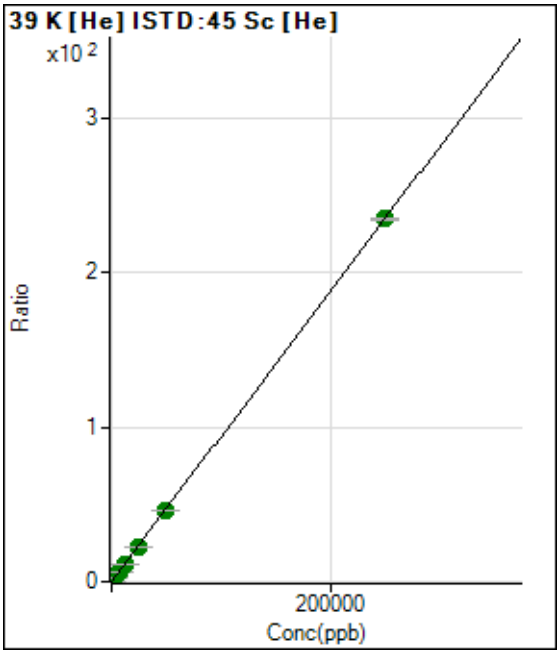


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7



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

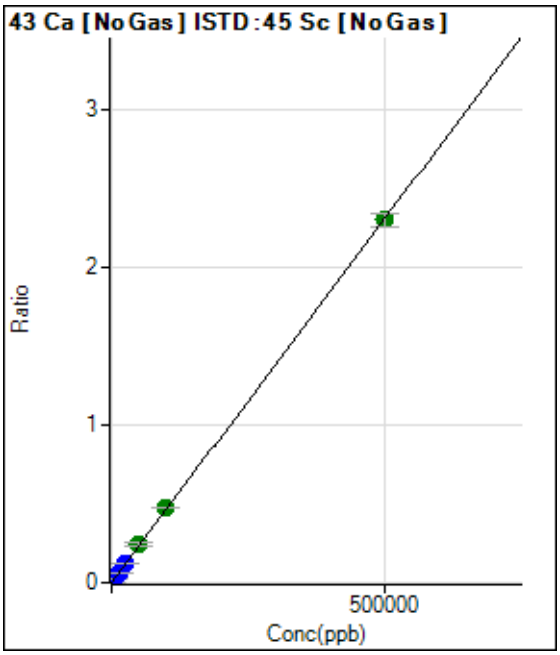


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55279.84	0.0850	P	0.1
2	☐	500.000	558.957	398248.17	0.6097	P	0.4
3	☐	2500.000	2534.184	1534078.40	2.4638	A	0.2
4	☐	6250.000	6307.983	3531921.89	6.0061	A	0.8
5	☐	12500.000	12452.317	6481128.72	11.7736	A	0.3
6	☐	25000.000	23714.609	12166150.65	22.3451	A	2.3
7	☐	50000.000	48862.909	24326664.08	45.9510	A	0.9
8	☐	250000.00	250356.43	130897998.05	235.0864	A	0.8

y = 9.3867E-004 * x + 0.0850
R = 1.0000
DL = 0.255
BEC = 90.57

Weight: <None>
Min Conc: 0

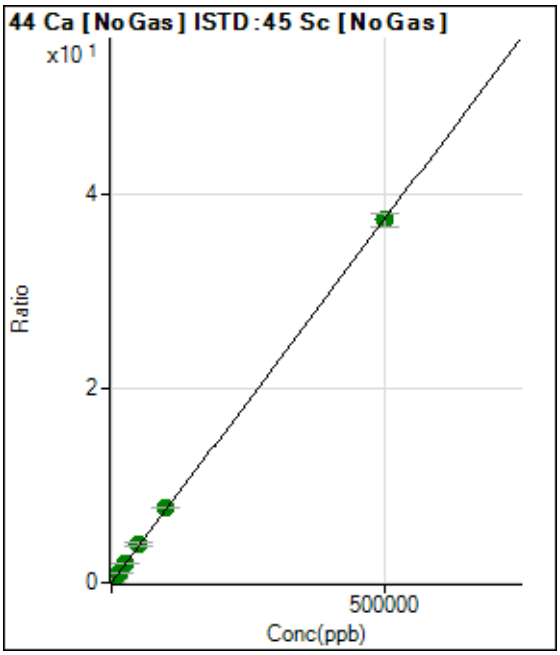
Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.12	0.0000	P	11.0
2	☐	500.000	590.153	20108.97	0.0028	P	5.9
3	☐	5000.000	5363.303	181129.22	0.0248	P	1.4
4	☐	12500.000	13441.075	434170.04	0.0620	P	0.9
5	☐	25000.000	26757.459	820246.96	0.1234	P	0.9
6	☐	50000.000	53231.981	1491588.50	0.2454	A	7.0
7	☐	100000.00	103721.91	2961201.24	0.4781	A	1.0
8	☐	500000.00	498817.29	14734377.56	2.2989	A	3.6

y = 4.6085E-006 * x + 4.5041E-005
R = 1.0000
DL = 3.234
BEC = 9.773

Weight: <None>
Min Conc: 0

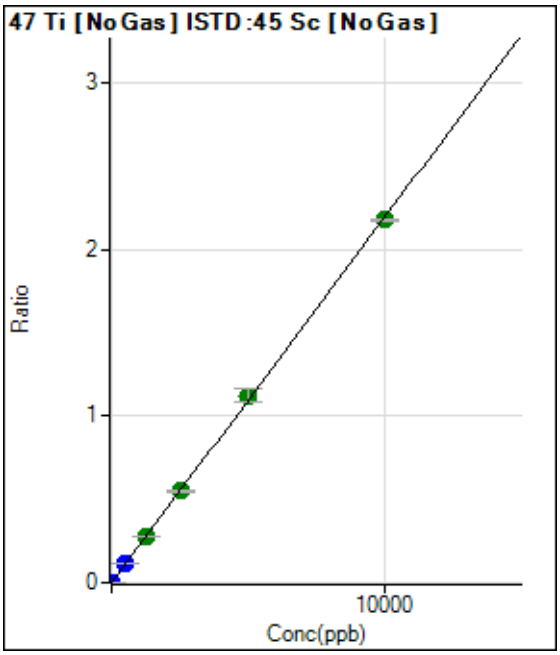


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12902.68	0.0017	P	1.2
2	☐	500.000	586.987	332153.10	0.0457	P	4.9
3	☐	5000.000	5135.886	2825355.76	0.3862	A	0.9
4	☐	12500.000	12883.778	6768106.71	0.9663	A	1.2
5	☐	25000.000	25618.833	12765419.95	1.9199	A	1.1
6	☐	50000.000	52741.918	24016439.92	3.9506	A	6.9
7	☐	100000.00	102618.85	47603960.40	7.6850	A	0.6
8	☐	500000.00	499160.05	239539127.54	37.3751	A	4.0

y = 7.4873E-005 * x + 0.0017
R = 1.0000
DL = 0.8258
BEC = 22.75

Weight: <None>
Min Conc: 0

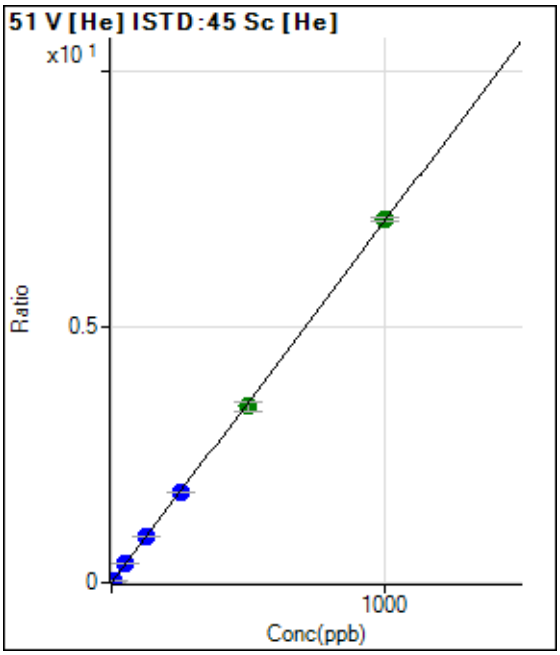
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	12.5
2	☐	5.000	5.543	8938.27	0.0012	P	5.0
3	☐	500.000	503.508	806498.33	0.1103	P	1.0
4	☐	1250.000	1274.651	1954895.89	0.2791	A	0.5
5	☐	2500.000	2502.492	3643159.46	0.5479	A	1.1
6	☐	5000.000	5119.660	6812158.44	1.1209	A	7.6
7	☐	10000.000	9936.290	13475553.13	2.1755	A	0.7
8	☐			2367.99	0.0004	P	10.4

y = 2.1894E-004 * x + 1.4673E-005
R = 0.9999
DL = 0.02505
BEC = 0.06702

Weight: <None>
Min Conc: 0

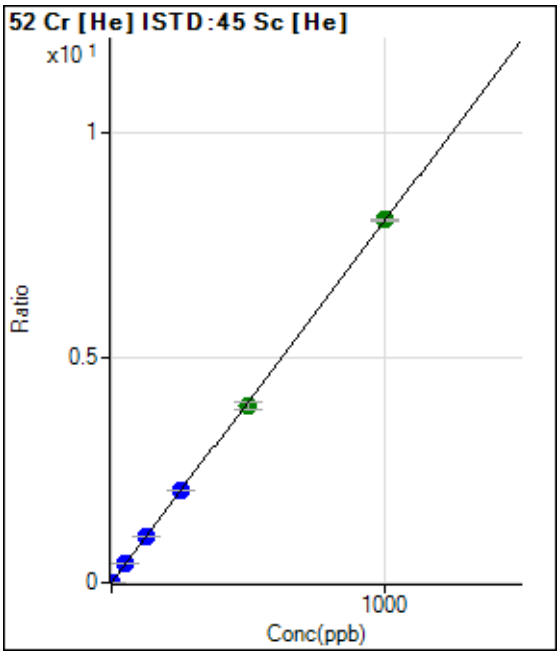


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	89.0
2	☐	5.000	5.600	25789.88	0.0395	P	0.9
3	☐	50.000	51.122	224359.41	0.3604	P	1.3
4	☐	125.000	127.347	527855.36	0.8976	P	0.9
5	☐	250.000	251.335	975234.61	1.7716	P	0.7
6	☐	500.000	488.701	1874403.25	3.4447	A	5.1
7	☐	1000.000	1004.963	3750150.01	7.0837	A	1.2
8	☐			918.93	0.0017	P	3.9

y = 0.0070 * x + 1.1935E-005
R = 0.9999
DL = 0.004521
BEC = 0.001693

Weight: <None>
Min Conc: 0

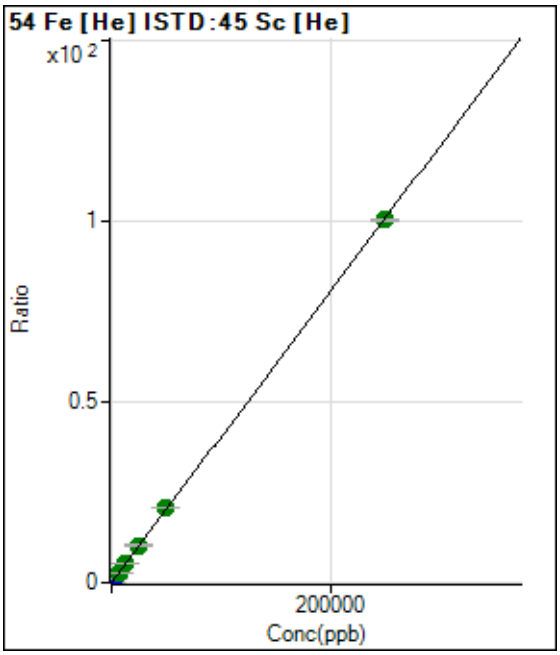
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1693.44	0.0026	P	3.8
2	☐	2.000	2.186	13148.04	0.0201	P	2.3
3	☐	50.000	51.372	258004.23	0.4144	P	1.8
4	☐	125.000	128.912	609196.61	1.0359	P	0.6
5	☐	250.000	253.202	1118706.84	2.0322	P	0.4
6	☐	500.000	490.228	2140275.78	3.9322	A	3.7
7	☐	1000.000	1003.528	4259951.50	8.0467	A	0.4
8	☐			8023.14	0.0144	P	23.9

y = 0.0080 * x + 0.0026
R = 0.9999
DL = 0.03669
BEC = 0.3249

Weight: <None>
Min Conc: 0

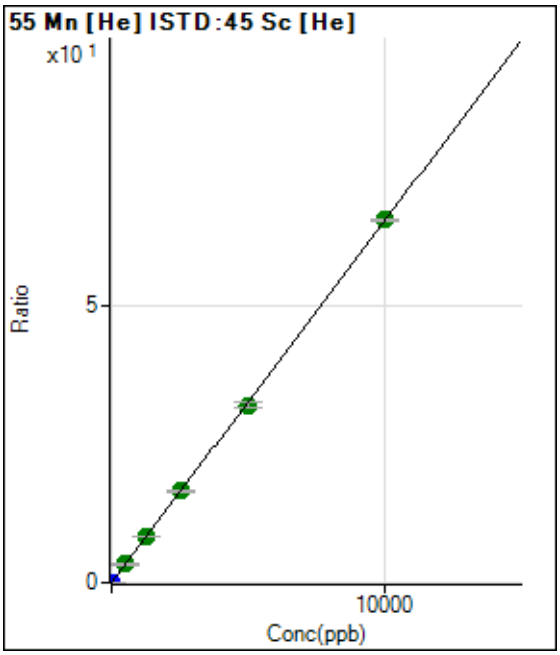


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2626.92	0.0040	P	5.6
2	☐	50.000	59.523	18252.26	0.0279	P	1.0
3	☐	2500.000	2744.532	688722.80	1.1061	P	0.7
4	☐	6250.000	6654.117	1573865.03	2.6761	A	0.5
5	☐	12500.000	13436.324	2972315.93	5.3996	A	0.6
6	☐	25000.000	25495.902	5575082.62	10.2423	A	3.5
7	☐	50000.000	51726.395	10998461.36	20.7756	A	0.7
8	☐	250000.00	249545.76	55799805.28	100.2129	A	0.7

y = 4.0157E-004 * x + 0.0040
R = 1.0000
DL = 1.696
BEC = 10.06

Weight: <None>
Min Conc: 0

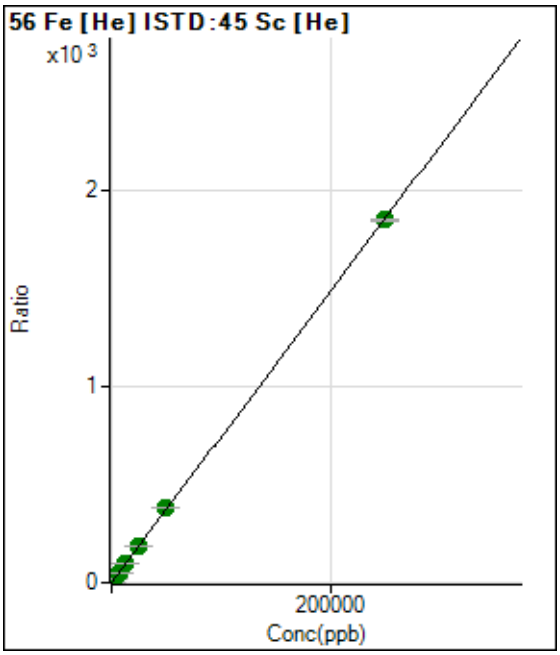
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	720.02	0.0011	P	1.8
2	☐	1.000	1.070	5286.53	0.0081	P	2.0
3	☐	500.000	507.100	2062604.29	3.3129	A	1.4
4	☐	1250.000	1279.217	4913813.22	8.3555	A	0.3
5	☐	2500.000	2527.507	9087217.22	16.5079	A	0.7
6	☐	5000.000	4909.440	17451895.85	32.0639	A	3.8
7	☐	10000.000	10034.396	34693233.09	65.5341	A	0.7
8	☐			17722.89	0.0318	P	2.1

y = 0.0065 * x + 0.0011
R = 0.9999
DL = 0.009371
BEC = 0.1696

Weight: <None>
Min Conc: 0

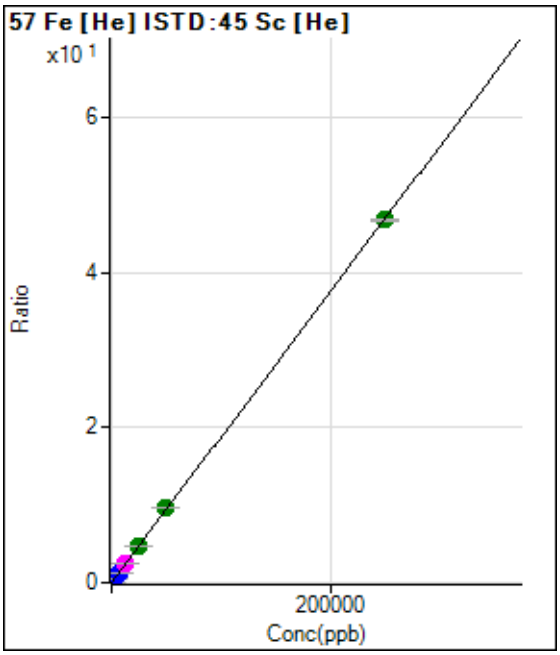


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20114.61	0.0309	P	0.5
2	☐	50.000	58.613	304341.13	0.4659	P	0.4
3	☐	2500.000	2603.538	12049359.82	19.3529	A	1.3
4	☐	6250.000	6592.648	28791527.63	48.9579	A	1.1
5	☐	12500.000	13054.473	53349208.09	96.9139	A	0.3
6	☐	25000.000	25174.244	101718287.37	186.8600	A	3.2
7	☐	50000.000	51530.106	202472972.54	382.4584	A	0.2
8	☐	250000.00	249639.22	1031611869.0	1,852.712	A	0.5

y = 0.0074 * x + 0.0309
R = 1.0000
DL = 0.05811
BEC = 4.168

Weight: <None>
Min Conc: 0

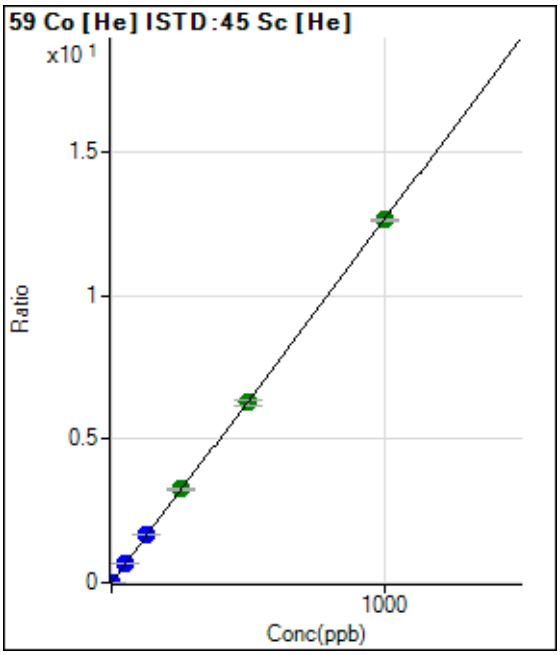
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1136.72	0.0017	P	2.3
2	☐	50.000	62.502	8784.86	0.0134	P	1.9
3	☐	2500.000	2699.790	315771.01	0.5072	P	1.5
4	☐	6250.000	6758.179	745026.97	1.2670	P	0.9
5	☐	12500.000	13246.208	1366062.45	2.4816	M	1.8
6	☐	25000.000	25055.609	2554332.56	4.6924	A	3.2
7	☐	50000.000	51128.474	5068224.26	9.5735	A	0.5
8	☐	250000.00	249716.72	26031550.17	46.7513	A	0.6

y = 1.8721E-004 * x + 0.0017
R = 1.0000
DL = 0.6324
BEC = 9.338

Weight: <None>
Min Conc: 0

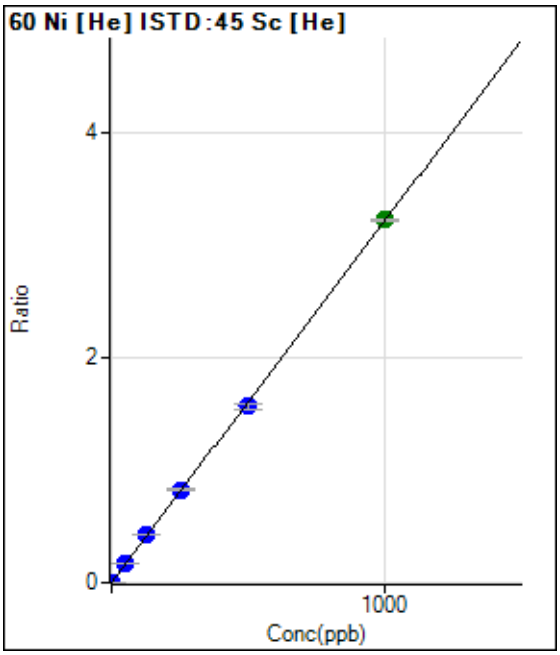


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.33	0.0003	P	3.3
2	☐	1.000	1.197	10097.92	0.0155	P	2.2
3	☐	50.000	52.023	410014.03	0.6585	P	0.5
4	☐	125.000	130.771	973098.52	1.6548	P	1.0
5	☐	250.000	257.631	1794478.41	3.2598	A	0.7
6	☐	500.000	496.432	3419030.19	6.2811	A	3.4
7	☐	1000.000	999.053	6691678.72	12.6402	A	0.5
8	☐			18991.02	0.0341	P	1.8

y = 0.0127 * x + 3.1273E-004
R = 0.9999
DL = 0.002427
BEC = 0.02472

Weight: <None>
Min Conc: 0

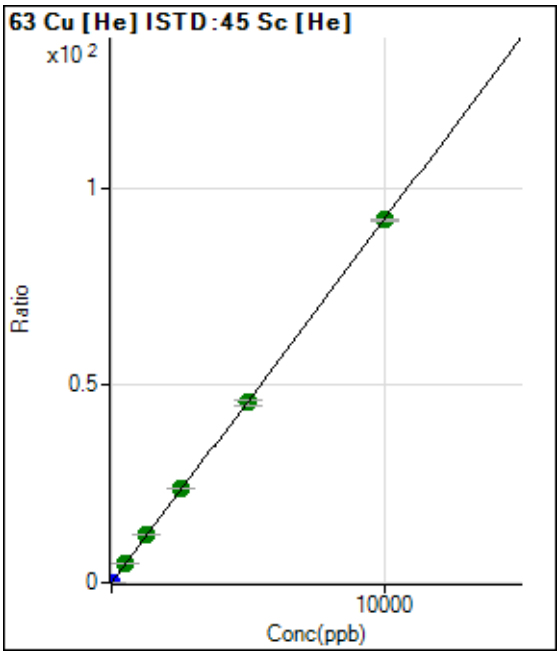
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	392.23	0.0006	P	5.6
2	☐	1.000	1.122	2746.95	0.0042	P	2.9
3	☐	50.000	52.691	105661.05	0.1697	P	1.3
4	☐	125.000	131.920	249314.03	0.4240	P	0.8
5	☐	250.000	257.600	455413.97	0.8273	P	0.3
6	☐	500.000	486.975	850998.07	1.5634	P	3.5
7	☐	1000.000	1003.613	1705418.46	3.2214	A	0.5
8	☐			6355.84	0.0114	P	2.3

y = 0.0032 * x + 6.0334E-004
R = 0.9998
DL = 0.03131
BEC = 0.188

Weight: <None>
Min Conc: 0

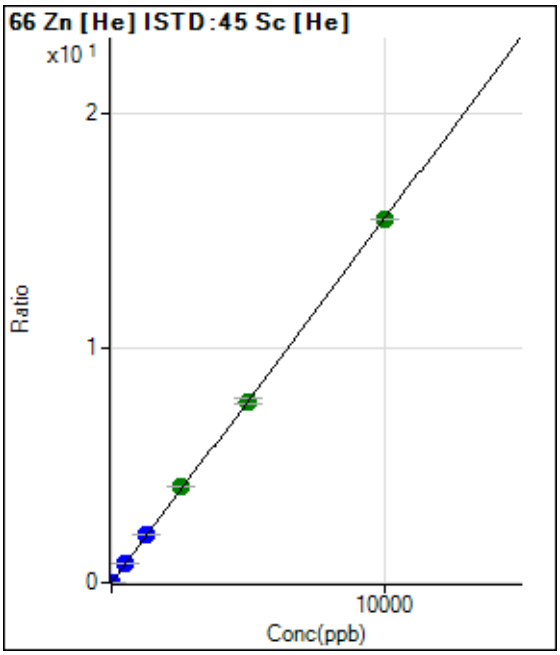


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1984.60	0.0031	P	4.3
2	☐	2.000	2.078	14487.10	0.0222	P	1.2
3	☐	500.000	532.223	3052452.46	4.9029	A	1.8
4	☐	1250.000	1326.621	7183949.96	12.2163	A	0.9
5	☐	2500.000	2608.938	13223415.91	24.0217	A	0.1
6	☐	5000.000	4962.519	24870163.52	45.6894	A	3.4
7	☐	10000.000	9980.317	48643833.72	91.8847	A	0.3
8	☐			10604.97	0.0190	P	6.3

y = 0.0092 * x + 0.0031
R = 0.9999
DL = 0.0425
BEC = 0.3315

Weight: <None>
Min Conc: 0

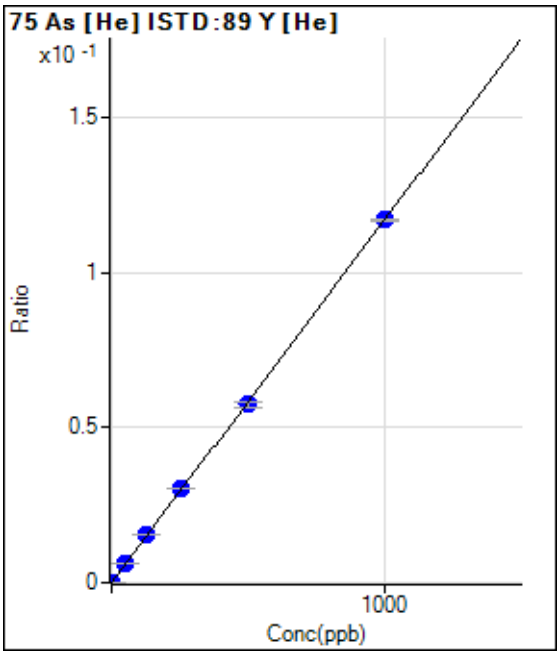
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	410.01	0.0006	P	2.5
2	☐	5.000	5.656	6132.42	0.0094	P	4.1
3	☐	500.000	525.416	506888.07	0.8141	P	0.8
4	☐	1250.000	1323.427	1205279.82	2.0496	P	0.9
5	☐	2500.000	2629.531	2241466.54	4.0718	A	0.6
6	☐	5000.000	4978.062	4195803.17	7.7079	A	3.3
7	☐	10000.000	9968.137	8170712.80	15.4339	A	0.1
8	☐			6376.97	0.0115	P	1.8

y = 0.0015 * x + 6.3059E-004
R = 0.9999
DL = 0.03069
BEC = 0.4073

Weight: <None>
Min Conc: 0

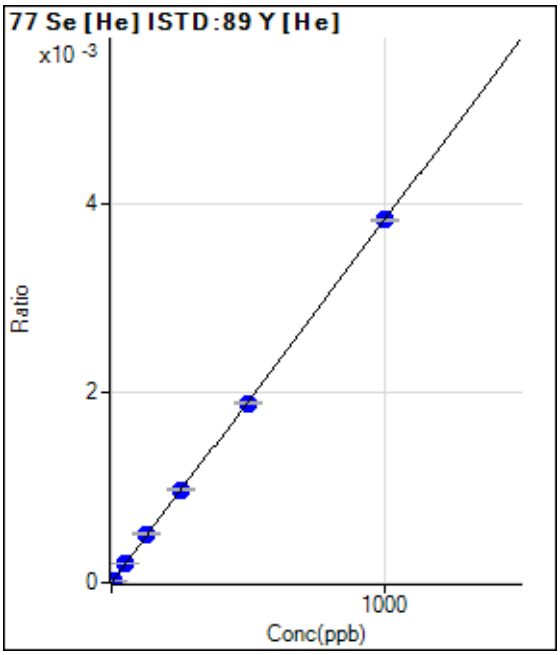


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	39.3
2	☐	1.000	1.213	824.48	0.0001	P	4.5
3	☐	50.000	52.918	34040.11	0.0062	P	1.0
4	☐	125.000	131.840	81665.13	0.0154	P	1.2
5	☐	250.000	259.437	152108.60	0.0303	P	0.9
6	☐	500.000	492.241	288931.67	0.0575	P	3.1
7	☐	1000.000	1000.519	571646.16	0.1169	P	0.7
8	☐			326.68	0.0001	P	10.2

y = 1.1684E-004 * x + 3.1422E-006
R = 0.9999
DL = 0.03174
BEC = 0.02689

Weight: <None>
Min Conc: 0

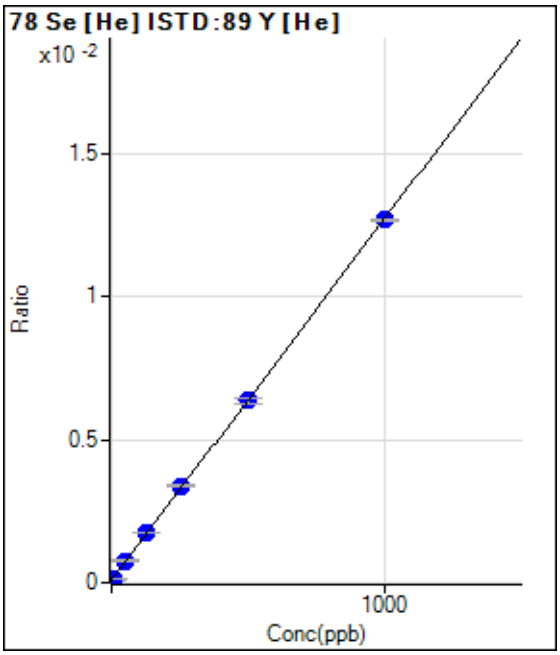
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	5.674	125.56	0.0000	P	9.4
3	☐	50.000	52.877	1113.39	0.0002	P	7.4
4	☐	125.000	133.794	2711.39	0.0005	P	4.2
5	☐	250.000	256.569	4919.76	0.0010	P	2.1
6	☐	500.000	493.507	9477.57	0.0019	P	0.9
7	☐	1000.000	1000.358	18689.63	0.0038	P	0.8
8	☐			11.11	0.0000	P	95.9

y = 3.8204E-006 * x + 3.9455E-007
R = 0.9999
DL = 0.5366
BEC = 0.1033

Weight: <None>
Min Conc: 0

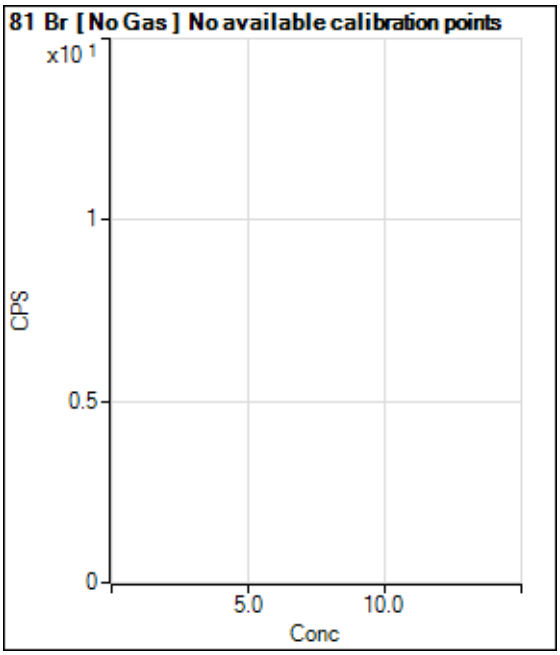


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	492.23	0.0001	P	9.7
2	☐	5.000	5.935	921.15	0.0002	P	3.8
3	☐	50.000	52.745	4145.07	0.0008	P	6.4
4	☐	125.000	133.126	9375.27	0.0018	P	0.9
5	☐	250.000	261.781	17029.87	0.0034	P	1.8
6	☐	500.000	497.186	31991.27	0.0064	P	3.0
7	☐	1000.000	997.304	62033.65	0.0127	P	0.5
8	☐			415.57	0.0001	P	13.3

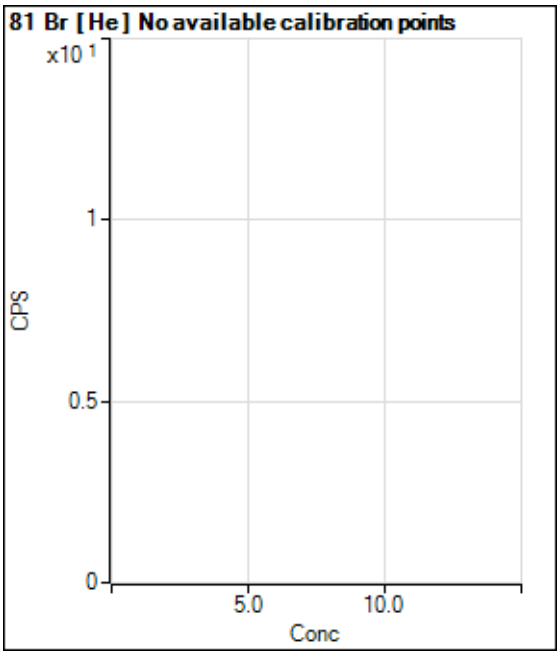
y = 1.2634E-005 * x + 8.6899E-005
R = 0.9999
DL = 1.993
BEC = 6.878

Weight: <None>
Min Conc: 0

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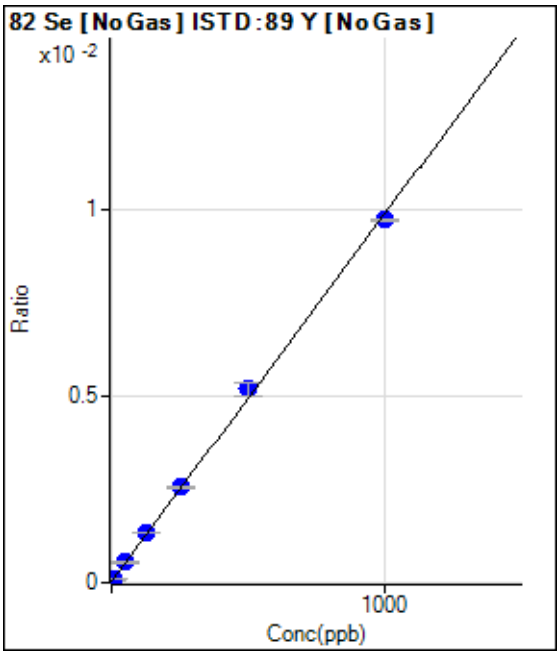


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			18483.89		P	0.6
2	☐			18160.17		P	1.9
3	☐			17579.46		P	0.5
4	☐			16335.80		P	2.4
5	☐			14765.29		P	4.4
6	☐			13842.15		P	3.9
7	☐			13548.50		P	0.6
8	☐			14543.93		P	1.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			228.89		P	5.1
2	☐			177.78		P	6.0
3	☐			240.00		P	6.1
4	☐			183.34		P	15.7
5	☐			156.67		P	15.3
6	☐			181.12		P	18.2
7	☐			127.78		P	4.0
8	☐			154.45		P	6.6

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	553.16	0.0000	P	2.9
2	☐	5.000	5.672	1656.14	0.0001	P	5.0
3	☐	50.000	52.974	11175.27	0.0005	P	3.2
4	☐	125.000	132.540	26318.30	0.0013	P	1.0
5	☐	250.000	256.752	48621.96	0.0026	P	1.1
6	☐	500.000	525.008	92100.39	0.0052	P	6.7
7	☐	1000.000	984.713	178192.54	0.0097	P	0.2
8	☐			599.16	0.0000	P	4.1

y = 9.8618E-006 * x + 2.7156E-005

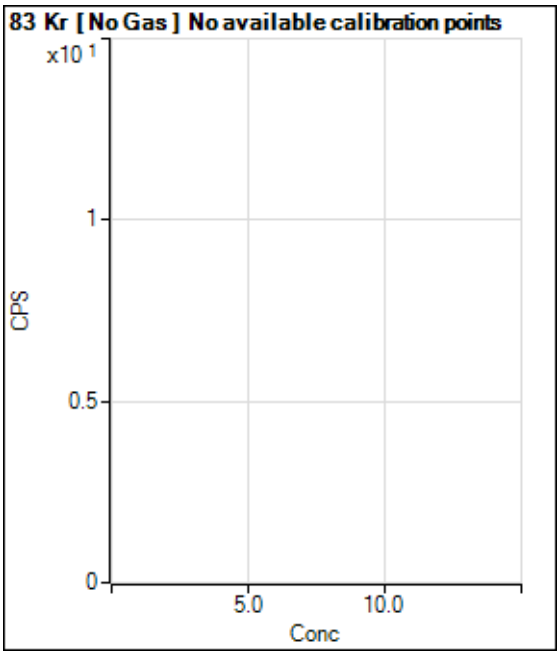
R = 0.9995

DL = 0.2404

BEC = 2.754

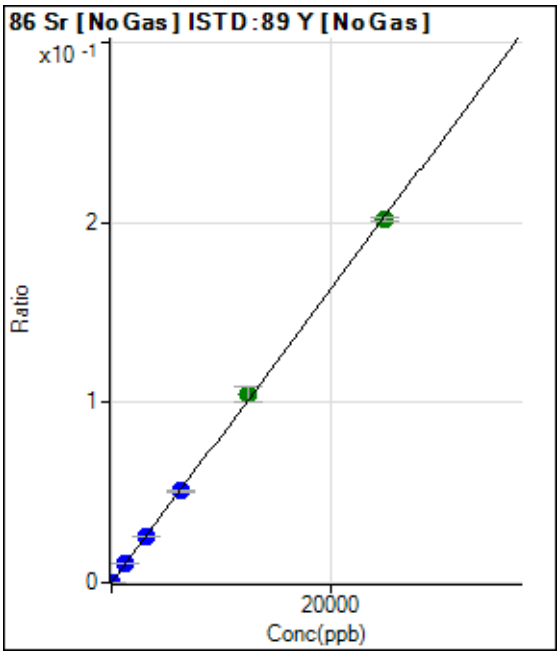
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			230.00		P	9.5
2	☐			230.00		P	12.9
3	☐			237.78		P	13.8
4	☐			251.12		P	13.1
5	☐			236.67		P	5.1
6	☐			215.56		P	7.3
7	☐			203.34		P	4.3
8	☐			258.90		P	12.0

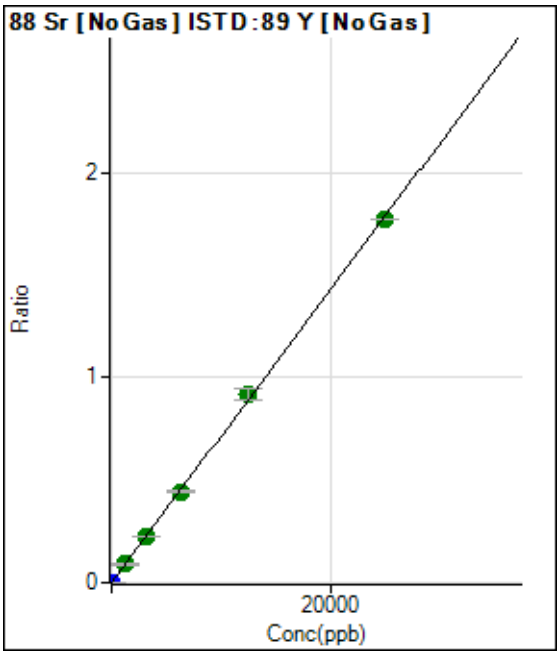
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	478.90	0.0000	P	7.3
2	☐	1.000	27.684	4948.67	0.0002	P	7.0
3	☐	1250.000	1256.424	208086.26	0.0102	P	1.3
4	☐	3125.000	3140.327	503725.44	0.0255	P	1.2
5	☐	6250.000	6248.204	964941.91	0.0508	P	1.4
6	☐	12500.000	12893.491	1853659.50	0.1048	A	7.5
7	☐	25000.000	24801.465	3687860.71	0.2015	A	1.2
8	☐			11196.55	0.0006	P	1.4

y = 8.1251E-006 * x + 2.3509E-005
R = 0.9998
DL = 0.6346
BEC = 2.893

Weight: <None>
Min Conc: 0

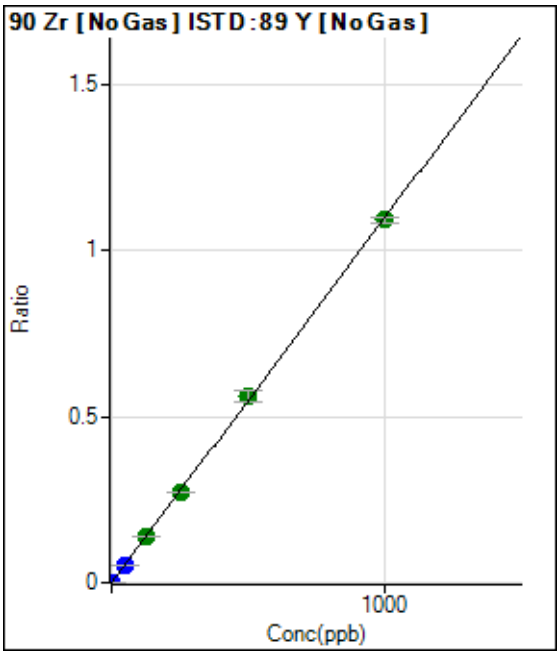


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	514.46	0.0000	P	4.9
2	☐	1.000	28.412	40853.27	0.0021	P	6.6
3	☐	1250.000	1254.044	1818490.09	0.0894	A	1.1
4	☐	3125.000	3155.462	4437144.00	0.2250	A	0.5
5	☐	6250.000	6241.397	8454046.33	0.4449	A	0.4
6	☐	12500.000	12884.185	16252346.42	0.9184	A	6.8
7	☐	25000.000	24806.047	32356310.91	1.7683	A	0.0
8	☐			96421.11	0.0054	P	3.7

y = 7.1283E-005 * x + 2.5259E-005
R = 0.9998
DL = 0.05238
BEC = 0.3543

Weight: <None>
Min Conc: 0

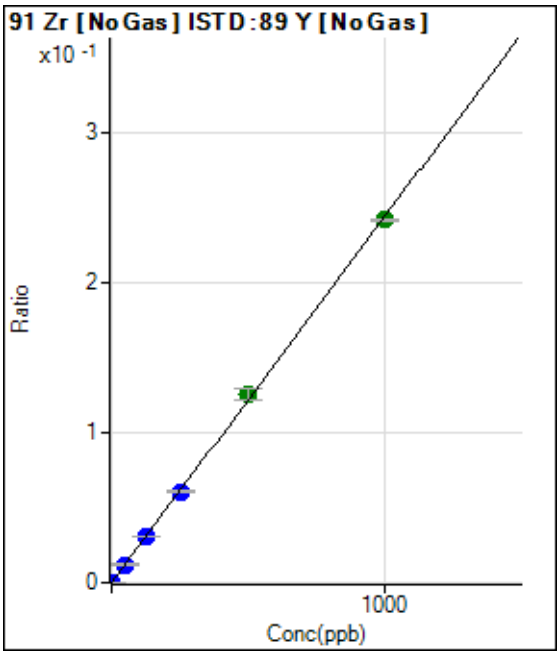
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	770.03	0.0000	P	5.1
2	☐	1.000	1.111	25051.40	0.0013	P	4.8
3	☐	50.000	49.736	1110588.48	0.0546	P	1.3
4	☐	125.000	125.995	2727639.75	0.1383	A	0.3
5	☐	250.000	247.779	5166579.99	0.2719	A	0.5
6	☐	500.000	510.972	9923022.84	0.5607	A	6.5
7	☐	1000.000	994.958	19977790.40	1.0918	A	1.8
8	☐			13176.00	0.0007	P	4.7

y = 0.0011 * x + 3.7802E-005
R = 0.9999
DL = 0.005299
BEC = 0.03445

Weight: <None>
Min Conc: 0

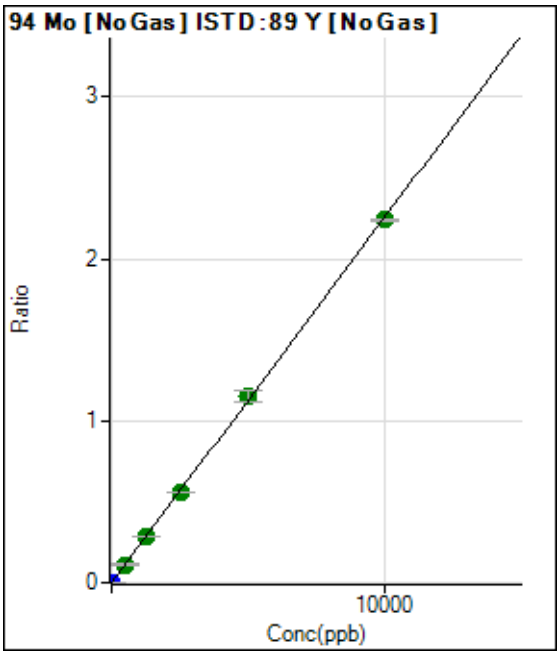


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	23.0
2	☐	1.000	1.094	5445.51	0.0003	P	6.4
3	☐	50.000	49.840	247199.89	0.0122	P	2.1
4	☐	125.000	126.134	606579.05	0.0308	P	1.3
5	☐	250.000	249.606	1156105.65	0.0609	P	1.2
6	☐	500.000	516.048	2226904.86	0.1258	A	5.9
7	☐	1000.000	991.941	4424635.53	0.2418	A	0.5
8	☐			2977.00	0.0002	P	4.9

y = 2.4376E-004 * x + 6.6585E-006
R = 0.9998
DL = 0.01886
BEC = 0.02732

Weight: <None>
Min Conc: 0

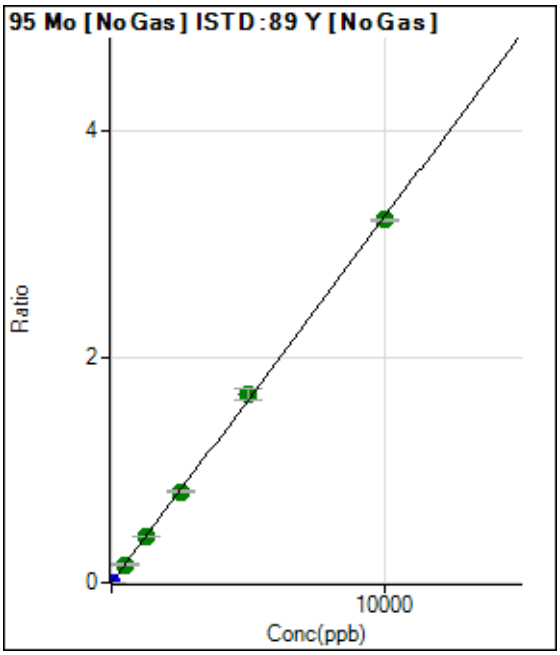
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0000	P	13.3
2	☐	5.000	6.657	30193.34	0.0015	P	6.7
3	☐	500.000	499.944	2291427.05	0.1127	A	2.0
4	☐	1250.000	1258.230	5592972.35	0.2836	A	0.6
5	☐	2500.000	2490.678	10664191.51	0.5613	A	0.8
6	☐	5000.000	5127.146	20449950.39	1.1554	A	6.2
7	☐	10000.000	9937.731	40978645.50	2.2394	A	0.7
8	☐			11527.98	0.0006	P	7.2

y = 2.2535E-004 * x + 1.5657E-005
R = 0.9999
DL = 0.02775
BEC = 0.06948

Weight: <None>
Min Conc: 0

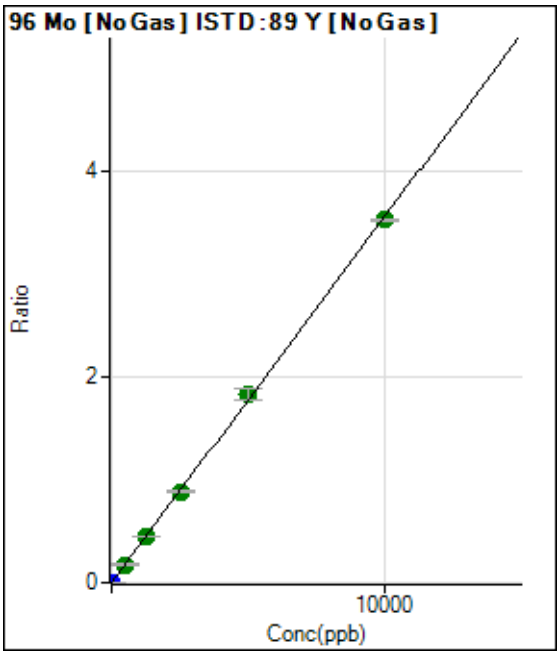


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	27.9
2	☐	5.000	5.541	35922.86	0.0018	P	5.4
3	☐	500.000	497.192	3275137.14	0.1610	A	1.3
4	☐	1250.000	1265.920	8087377.66	0.4100	A	1.0
5	☐	2500.000	2496.189	15362068.10	0.8085	A	0.2
6	☐	5000.000	5155.827	29558862.61	1.6699	A	6.1
7	☐	10000.000	9921.189	58799951.34	3.2134	A	0.4
8	☐			11459.05	0.0006	P	11.4

y = 3.2389E-004 * x + 7.6393E-006
R = 0.9998
DL = 0.01971
BEC = 0.02359

Weight: <None>
Min Conc: 0

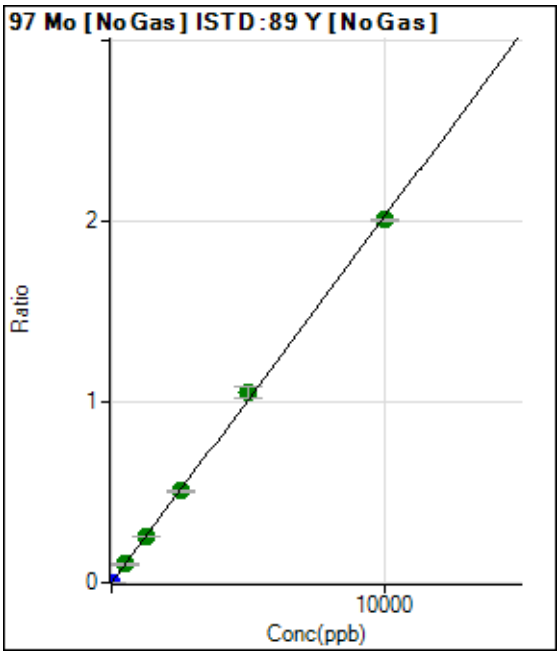
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	300.01	0.0000	P	1.3
2	☐	5.000	5.631	40185.08	0.0020	P	5.6
3	☐	500.000	498.103	3601323.35	0.1771	A	0.9
4	☐	1250.000	1258.643	8825542.02	0.4474	A	0.5
5	☐	2500.000	2494.486	16847869.61	0.8868	A	0.8
6	☐	5000.000	5164.192	32490727.85	1.8358	A	6.4
7	☐	10000.000	9918.297	64515931.82	3.5258	A	0.3
8	☐			23476.69	0.0013	P	4.4

y = 3.5548E-004 * x + 1.4728E-005
R = 0.9998
DL = 0.001559
BEC = 0.04143

Weight: <None>
Min Conc: 0

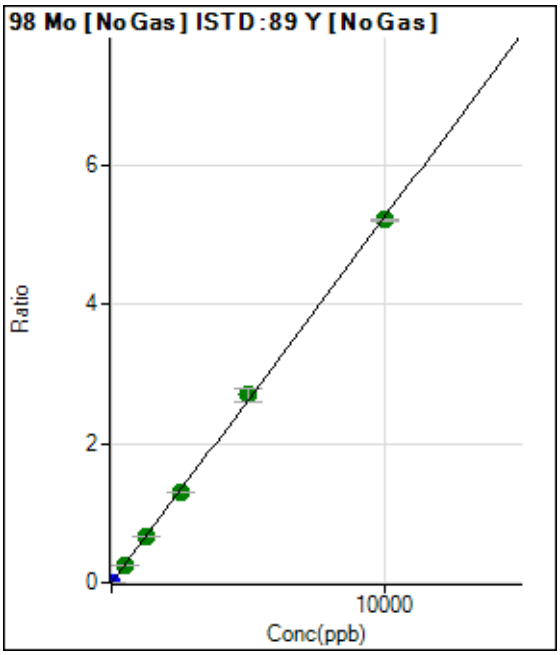


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	31.2
2	☐	5.000	5.558	22543.09	0.0011	P	4.7
3	☐	500.000	500.316	2061428.89	0.1014	A	1.2
4	☐	1250.000	1254.945	5014801.45	0.2542	A	1.1
5	☐	2500.000	2498.899	9618432.98	0.5063	A	1.1
6	☐	5000.000	5179.430	18572705.14	1.0493	A	6.2
7	☐	10000.000	9909.926	36737182.51	2.0077	A	0.5
8	☐			7326.37	0.0004	P	9.7

y = 2.0259E-004 * x + 4.8034E-006
R = 0.9998
DL = 0.02218
BEC = 0.02371

Weight: <None>
Min Conc: 0

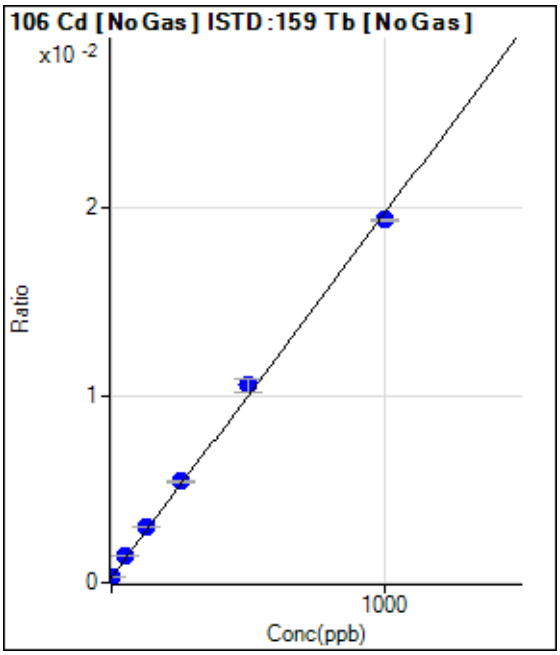
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	301.12	0.0000	P	16.9
2	☐	5.000	5.514	58045.79	0.0029	P	6.3
3	☐	500.000	494.714	5289567.66	0.2601	A	1.2
4	☐	1250.000	1250.113	12962892.45	0.6572	A	1.2
5	☐	2500.000	2486.149	24832814.63	1.3070	A	0.8
6	☐	5000.000	5148.377	47894338.18	2.7066	A	6.8
7	☐	10000.000	9929.524	95520027.47	5.2201	A	0.2
8	☐			17724.28	0.0010	P	9.8

y = 5.2572E-004 * x + 1.4778E-005
R = 0.9998
DL = 0.01424
BEC = 0.02811

Weight: <None>
Min Conc: 0

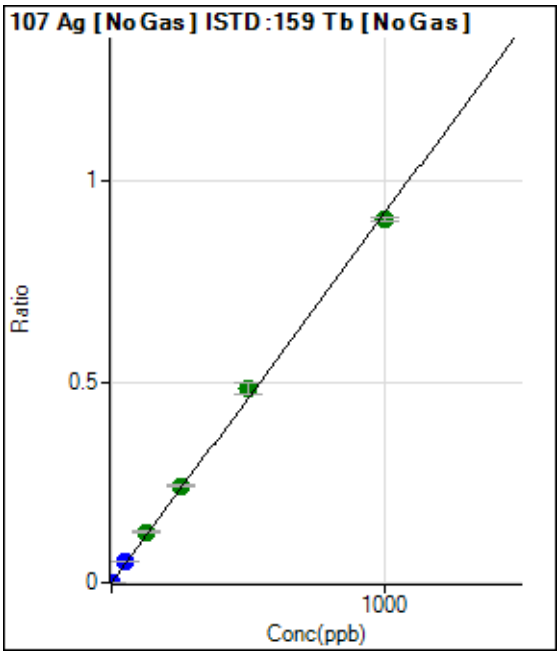


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5315.47	0.0003	P	1.5
2	☐	1.000	1.029	5561.12	0.0003	P	3.5
3	☐	50.000	55.792	23683.82	0.0014	P	0.7
4	☐	125.000	136.730	50103.80	0.0030	P	1.3
5	☐	250.000	261.511	90700.83	0.0054	P	0.9
6	☐	500.000	527.205	168509.10	0.0105	P	6.4
7	☐	1000.000	981.764	322507.25	0.0194	P	0.8
8	☐			4833.07	0.0003	P	0.6

y = 1.9403E-005 * x + 3.1650E-004
R = 0.9993
DL = 0.7434
BEC = 16.31

Weight: <None>
Min Conc: 0

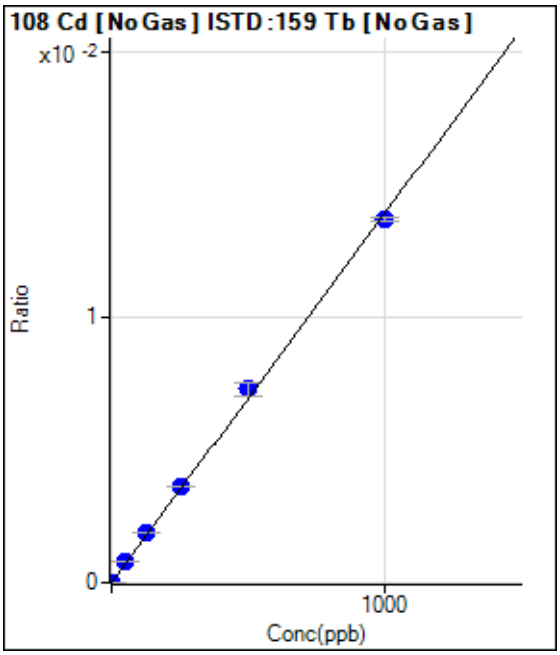
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	9.6
2	☐	1.000	1.165	17827.70	0.0011	P	3.7
3	☐	50.000	56.730	883767.64	0.0522	P	0.7
4	☐	125.000	137.476	2134454.69	0.1265	A	1.9
5	☐	250.000	262.357	4061723.62	0.2414	A	0.7
6	☐	500.000	525.244	7722248.98	0.4833	A	6.5
7	☐	1000.000	982.392	15053439.77	0.9039	A	0.9
8	☐			3281.54	0.0002	P	8.1

y = 9.2014E-004 * x + 6.9461E-006
R = 0.9994
DL = 0.002179
BEC = 0.007549

Weight: <None>
Min Conc: 0

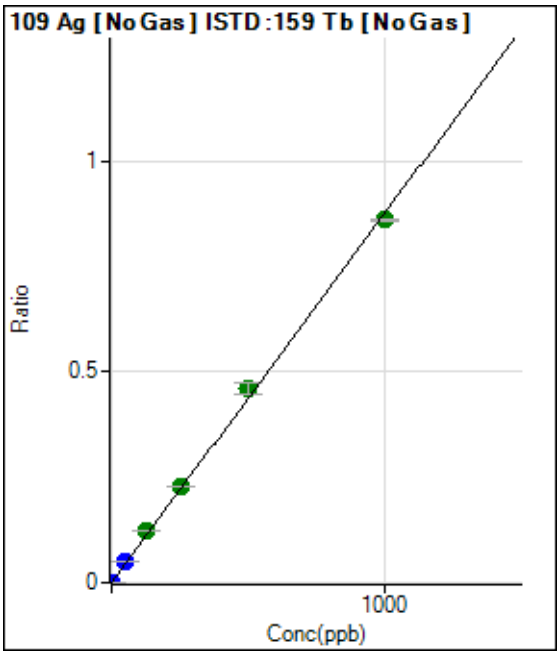


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	34.4
2	☐	1.000	1.203	292.23	0.0000	P	7.9
3	☐	50.000	55.031	12952.57	0.0008	P	1.0
4	☐	125.000	135.683	31803.76	0.0019	P	1.5
5	☐	250.000	260.968	60982.99	0.0036	P	1.4
6	☐	500.000	524.289	116321.50	0.0073	P	6.8
7	☐	1000.000	983.527	227447.07	0.0137	P	1.2
8	☐			106.67	0.0000	P	21.0

y = 1.3886E-005 * x + 9.9169E-007
R = 0.9995
DL = 0.07371
BEC = 0.07142

Weight: <None>
Min Conc: 0

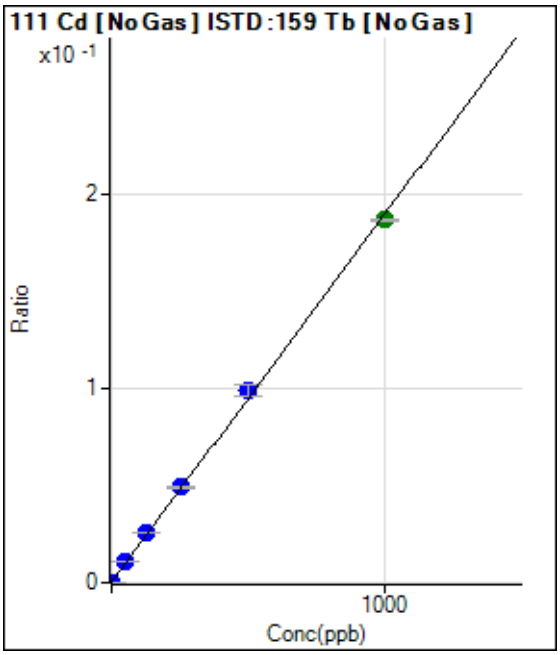
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	33.8
2	☐	1.000	1.151	16658.58	0.0010	P	4.5
3	☐	50.000	56.668	839009.67	0.0496	P	0.6
4	☐	125.000	139.051	2051869.49	0.1216	A	1.0
5	☐	250.000	260.796	3837476.64	0.2281	A	0.9
6	☐	500.000	524.438	7330387.60	0.4587	A	5.9
7	☐	1000.000	982.992	14316739.23	0.8597	A	0.2
8	☐			3073.69	0.0002	P	11.5

y = 8.7457E-004 * x + 2.3850E-006
R = 0.9994
DL = 0.002764
BEC = 0.002727

Weight: <None>
Min Conc: 0

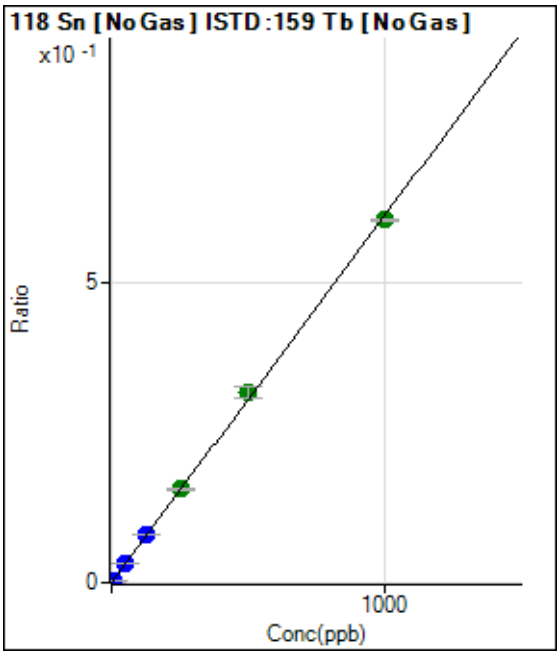


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3722.49	0.0002	P	1.5
2	☐	1.000	1.259	7595.46	0.0005	P	4.5
3	☐	50.000	54.990	179810.52	0.0106	P	0.1
4	☐	125.000	135.432	435896.07	0.0258	P	0.8
5	☐	250.000	258.579	826531.87	0.0491	P	0.9
6	☐	500.000	521.548	1579609.61	0.0989	P	6.5
7	☐	1000.000	985.527	3107698.95	0.1866	A	0.7
8	☐			3929.61	0.0002	P	0.4

y = 1.8913E-004 * x + 2.2165E-004
R = 0.9996
DL = 0.05109
BEC = 1.172

Weight: <None>
Min Conc: 0

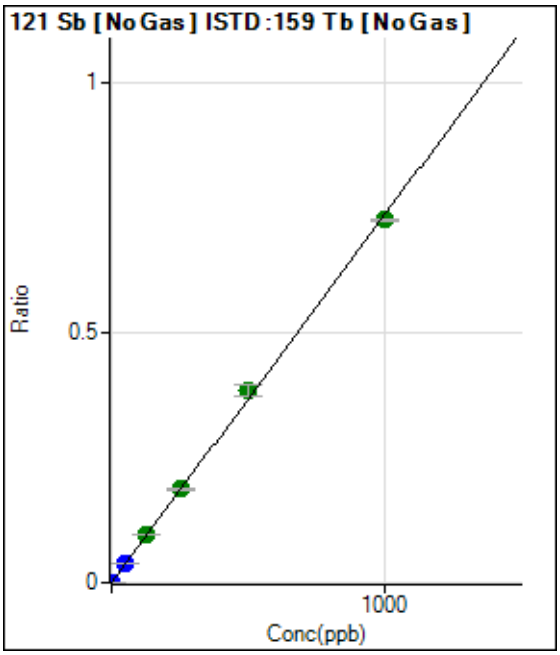
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1699.01	0.0001	P	1.6
2	☐	5.000	6.038	62739.20	0.0038	P	4.6
3	☐	50.000	52.959	550805.14	0.0325	P	0.2
4	☐	125.000	130.669	1352008.09	0.0801	P	1.0
5	☐	250.000	254.279	2622002.08	0.1558	A	0.5
6	☐	500.000	517.707	5068665.52	0.3172	A	6.2
7	☐	1000.000	989.215	10091431.52	0.6060	A	0.5
8	☐			4399.60	0.0003	P	5.0

y = 6.1248E-004 * x + 1.0118E-004
R = 0.9998
DL = 0.008165
BEC = 0.1652

Weight: <None>
Min Conc: 0

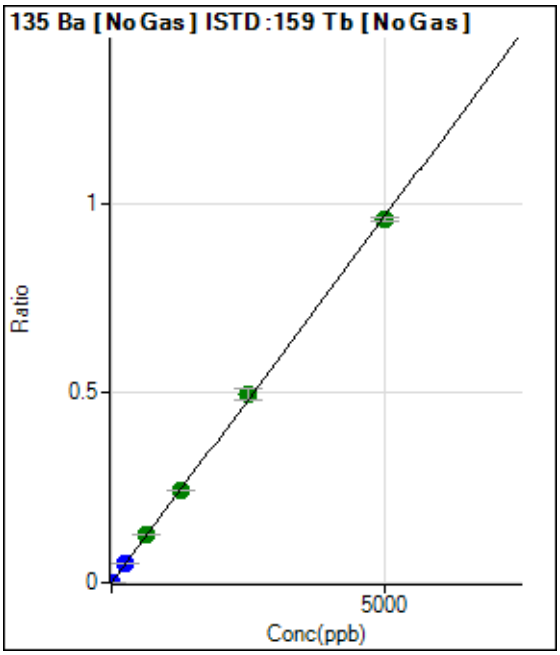


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	36.1
2	☐	2.000	2.343	28463.74	0.0017	P	4.5
3	☐	50.000	52.709	655464.11	0.0387	P	0.4
4	☐	125.000	130.475	1617020.67	0.0958	A	1.2
5	☐	250.000	254.471	3144895.20	0.1869	A	0.8
6	☐	500.000	521.946	6126951.37	0.3834	A	6.1
7	☐	1000.000	987.089	12074821.49	0.7251	A	0.4
8	☐			6766.11	0.0004	P	5.6

y = 7.3455E-004 * x + 2.2528E-006
R = 0.9996
DL = 0.003324
BEC = 0.003067

Weight: <None>
Min Conc: 0

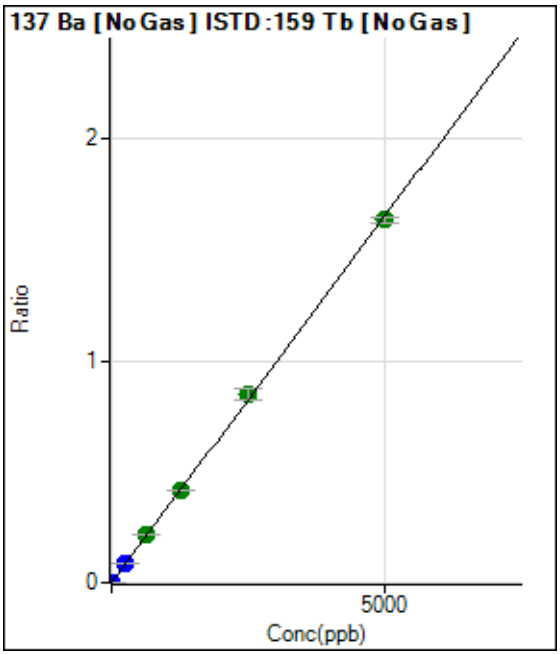
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0000	P	35.0
2	☐	10.000	11.443	36521.14	0.0022	P	4.5
3	☐	250.000	256.404	837368.81	0.0495	P	0.8
4	☐	625.000	652.897	2125043.44	0.1260	A	0.2
5	☐	1250.000	1258.631	4084982.13	0.2428	A	1.2
6	☐	2500.000	2580.912	7955085.78	0.4979	A	6.4
7	☐	5000.000	4953.576	15913088.79	0.9556	A	1.2
8	☐			7246.36	0.0005	P	1.6

y = 1.9290E-004 * x + 4.2409E-006
R = 0.9998
DL = 0.02311
BEC = 0.02198

Weight: <None>
Min Conc: 0

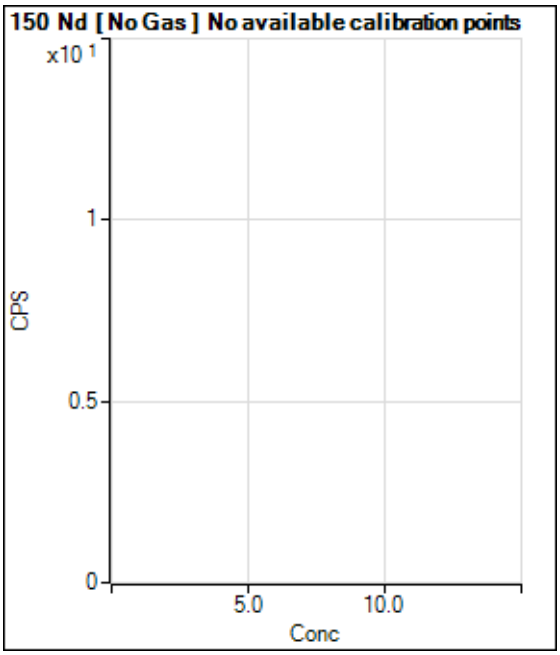


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	7.8
2	☐	10.000	11.588	63256.36	0.0038	P	4.0
3	☐	250.000	261.604	1461028.43	0.0863	P	0.5
4	☐	625.000	649.452	3614874.39	0.2143	A	0.6
5	☐	1250.000	1261.524	7001825.45	0.4162	A	0.7
6	☐	2500.000	2578.383	13594394.52	0.8506	A	5.8
7	☐	5000.000	4954.288	27216869.04	1.6343	A	1.5
8	☐			12310.98	0.0008	P	3.4

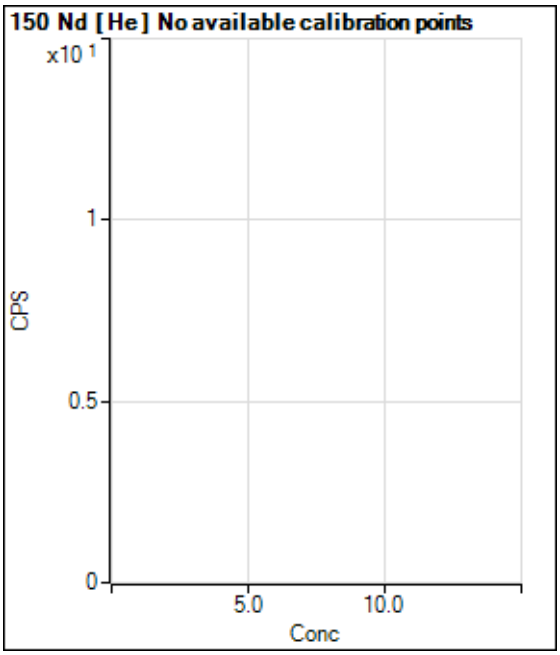
y = 3.2988E-004 * x + 7.1476E-006
R = 0.9998
DL = 0.005075
BEC = 0.02167

Weight: <None>
Min Conc: 0

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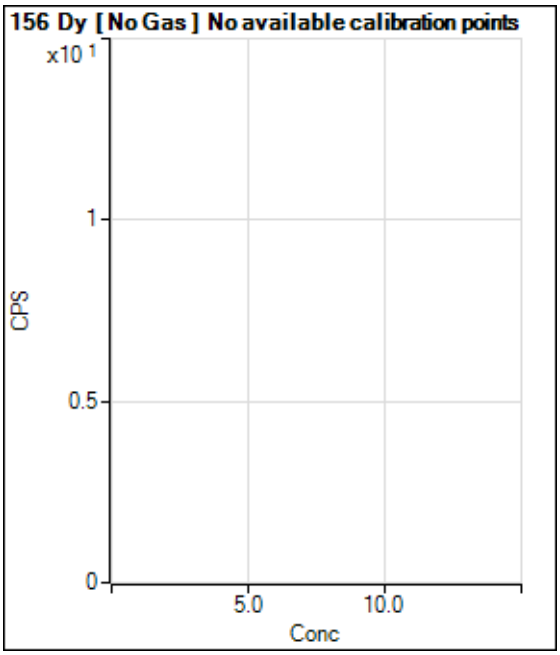


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	57.8
2	☐			4.44		P	114.
3	☐			47.78		P	24.5
4	☐			126.67		P	19.0
5	☐			230.00		P	15.7
6	☐			417.79		P	2.6
7	☐			895.60		P	5.4
8	☐			272.23		P	6.0

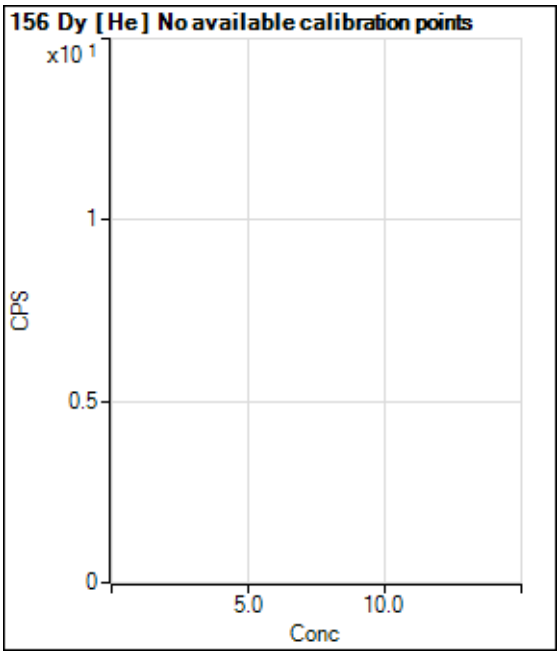


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			6.67		P	50.0
3	☐			16.67		P	40.0
4	☐			28.89		P	24.0
5	☐			51.11		P	24.7
6	☐			103.34		P	11.6
7	☐			191.12		P	10.2
8	☐			157.78		P	17.2

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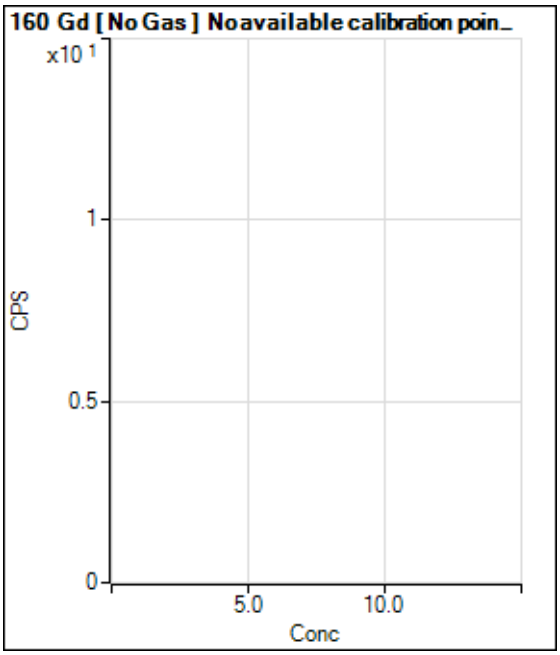


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			12.22		P	41.7
2	☐			15.56		P	12.4
3	☐			31.11		P	30.9
4	☐			58.89		P	31.2
5	☐			65.56		P	14.7
6	☐			135.56		P	18.8
7	☐			284.45		P	2.4
8	☐			475.57		P	7.9

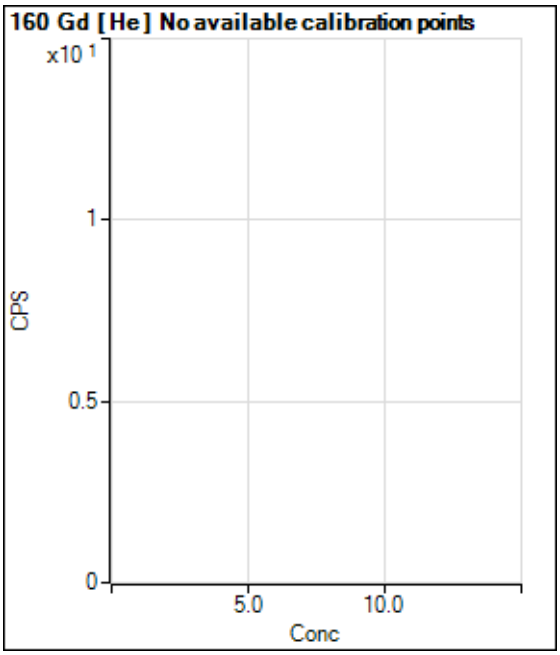


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	49.5
2	☐			7.78		P	65.5
3	☐			47.78		P	17.6
4	☐			106.67		P	13.6
5	☐			207.78		P	20.3
6	☐			402.23		P	9.7
7	☐			827.81		P	6.2
8	☐			405.57		P	5.0

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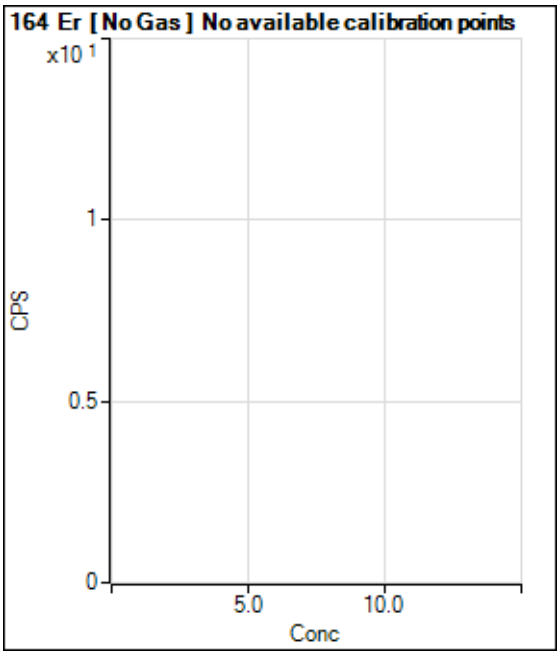


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			48.89		P	21.9
2	☐			71.11		P	16.5
3	☐			63.33		P	13.9
4	☐			88.89		P	13.2
5	☐			94.44		P	19.4
6	☐			131.11		P	1.5
7	☐			226.67		P	27.2
8	☐			471.12		P	4.7

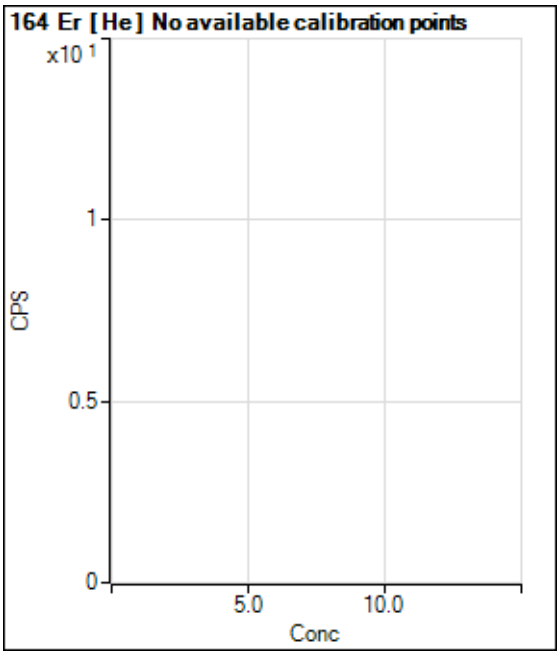


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			685.58		P	3.1
2	☐			685.58		P	7.0
3	☐			666.69		P	4.0
4	☐			662.25		P	3.3
5	☐			672.25		P	9.7
6	☐			654.47		P	6.8
7	☐			705.58		P	9.5
8	☐			928.93		P	7.5

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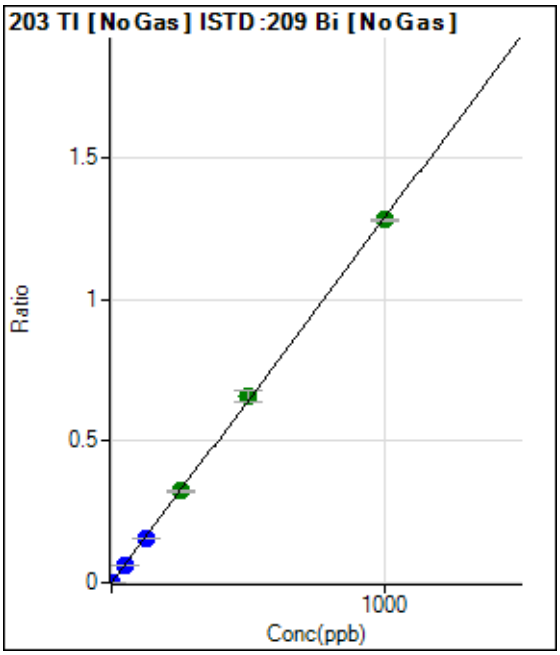


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			97.78		P	27.3
2	☐			82.22		P	15.4
3	☐			88.89		P	22.6
4	☐			85.56		P	16.2
5	☐			127.78		P	8.4
6	☐			181.12		P	17.9
7	☐			214.45		P	13.2
8	☐			534.46		P	9.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			70.00		P	29.0
2	☐			61.11		P	11.4
3	☐			50.00		P	53.3
4	☐			58.89		P	31.2
5	☐			91.11		P	24.4
6	☐			128.89		P	7.9
7	☐			154.45		P	11.9
8	☐			383.34		P	9.7

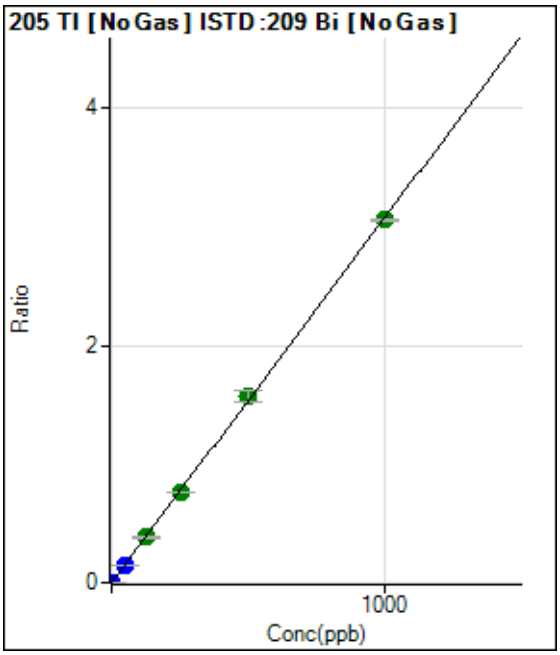
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	328.90	0.0000	P	13.0
2	☐	1.000	1.066	13336.62	0.0014	P	3.0
3	☐	50.000	48.501	612235.92	0.0625	P	1.0
4	☐	125.000	122.001	1561062.77	0.1571	P	1.5
5	☐	250.000	251.098	3195199.05	0.3233	A	1.6
6	☐	500.000	510.380	6266542.89	0.6570	A	5.7
7	☐	1000.000	994.985	12599198.70	1.2808	A	0.4
8	☐			2151.31	0.0003	P	8.4

y = 0.0013 * x + 3.4068E-005
R = 0.9999
DL = 0.0103
BEC = 0.02647

Weight: <None>
Min Conc: 0

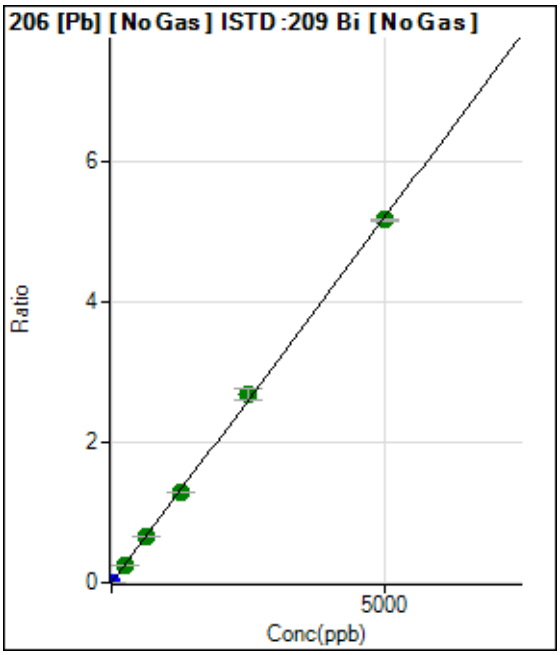


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	746.69	0.0001	P	5.8
2	☐	1.000	1.071	31961.90	0.0034	P	3.3
3	☐	50.000	48.357	1457596.23	0.1487	P	1.3
4	☐	125.000	124.572	3806287.13	0.3830	A	1.2
5	☐	250.000	248.988	7566214.75	0.7655	A	0.4
6	☐	500.000	510.491	14963734.92	1.5693	A	6.3
7	☐	1000.000	995.143	30091945.94	3.0591	A	0.6
8	☐			5017.65	0.0006	P	12.0

y = 0.0031 * x + 7.7312E-005
R = 0.9999
DL = 0.004378
BEC = 0.02515

Weight: <None>
Min Conc: 0

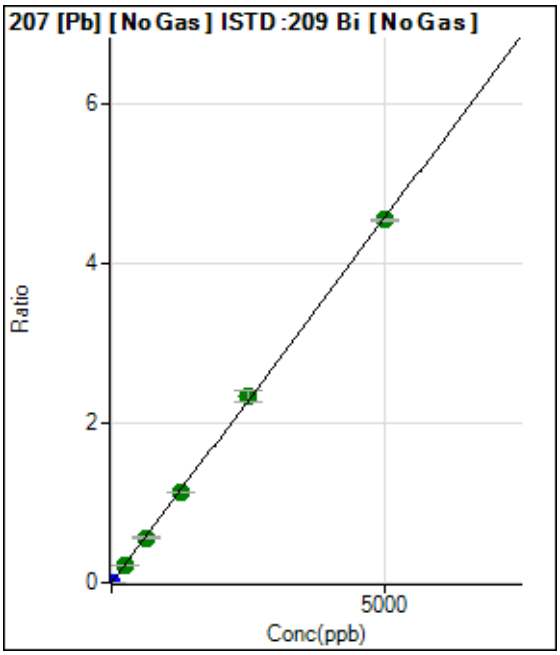
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0000	P	15.5
2	☐	1.000	1.093	11100.18	0.0012	P	3.6
3	☐	250.000	245.520	2500441.13	0.2551	A	2.2
4	☐	625.000	622.464	6427649.70	0.6468	A	1.1
5	☐	1250.000	1236.414	12698353.15	1.2847	A	0.3
6	☐	2500.000	2569.777	25460508.23	2.6700	A	6.2
7	☐	5000.000	4969.049	50786708.69	5.1628	A	0.9
8	☐			11855.29	0.0014	P	6.3

y = 0.0010 * x + 3.5562E-005
R = 0.9999
DL = 0.01591
BEC = 0.03423

Weight: <None>
Min Conc: 0

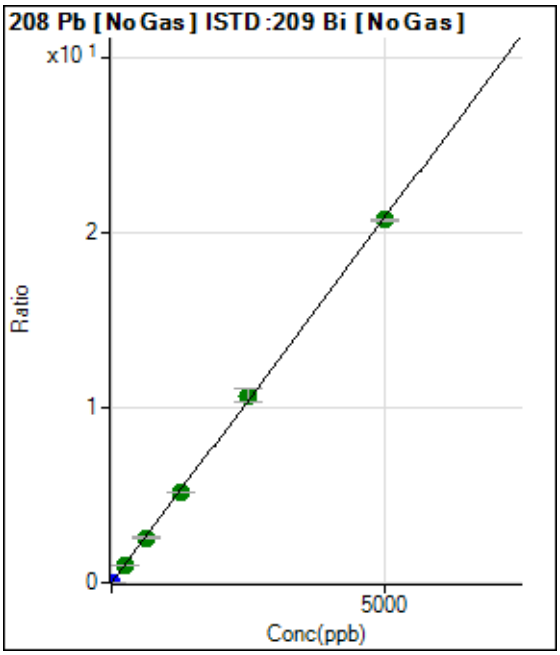


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.12	0.0000	P	6.1
2	☐	1.000	1.059	9497.84	0.0010	P	4.0
3	☐	250.000	247.105	2212745.94	0.2258	A	2.0
4	☐	625.000	616.772	5599717.14	0.5635	A	2.0
5	☐	1250.000	1235.236	11154184.56	1.1285	A	1.0
6	☐	2500.000	2558.159	22279705.78	2.3370	A	6.8
7	☐	5000.000	4975.785	44714156.56	4.5456	A	0.5
8	☐			10219.49	0.0012	P	3.9

y = 9.1354E-004 * x + 3.4271E-005
R = 0.9999
DL = 0.006879
BEC = 0.03751

Weight: <None>
Min Conc: 0

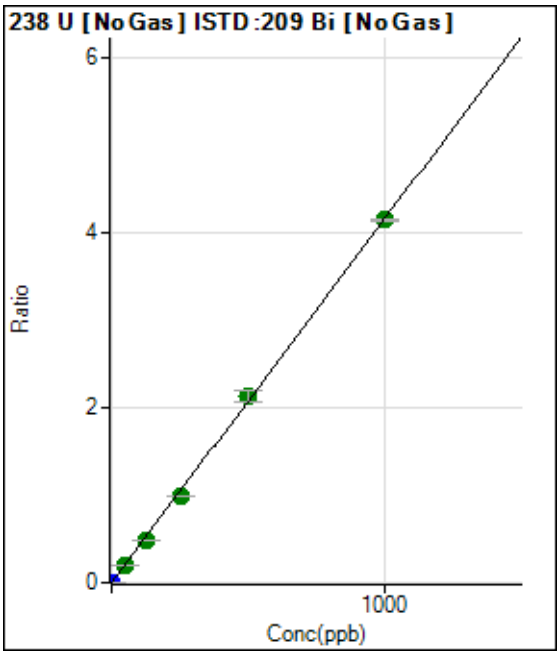
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1448.93	0.0001	P	5.4
2	☐	1.000	1.059	43242.56	0.0046	P	4.2
3	☐	250.000	247.555	10105236.64	1.0311	A	1.7
4	☐	625.000	618.692	25606170.52	2.5766	A	1.5
5	☐	1250.000	1235.379	50852586.75	5.1447	A	0.9
6	☐	2500.000	2564.215	101811244.31	10.6785	A	6.6
7	☐	5000.000	4972.458	203695460.30	20.7073	A	0.8
8	☐			47457.53	0.0055	P	5.5

y = 0.0042 * x + 1.5000E-004
R = 0.9999
DL = 0.005862
BEC = 0.03602

Weight: <None>
Min Conc: 0

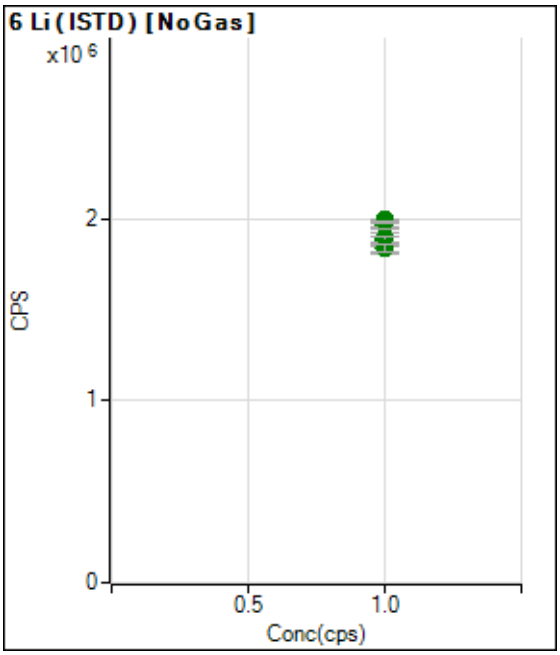


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	50.3
2	☐	1.000	0.986	38945.62	0.0041	P	3.0
3	☐	50.000	46.875	1911829.97	0.1951	A	1.8
4	☐	125.000	118.087	4883680.69	0.4914	A	1.2
5	☐	250.000	239.395	9847116.73	0.9962	A	0.6
6	☐	500.000	511.440	20293062.06	2.1283	A	6.5
7	☐	1000.000	997.952	40850623.28	4.1529	A	0.6
8	☐			4809.83	0.0006	P	17.0

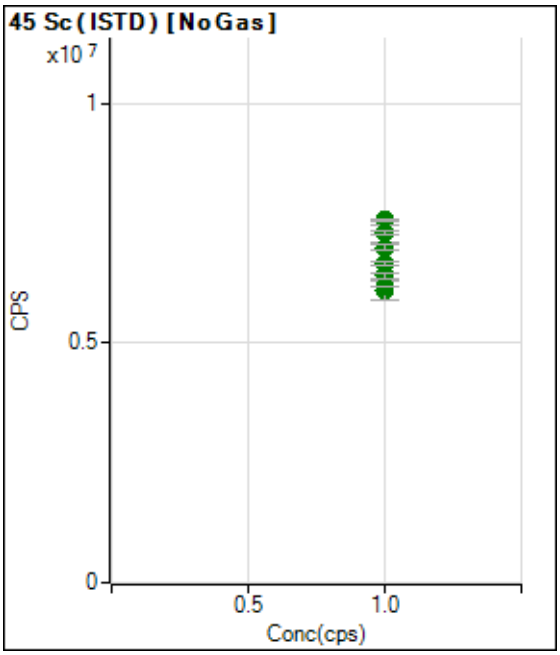
y = 0.0042 * x + 4.1418E-006
R = 0.9998
DL = 0.001502
BEC = 0.0009953

Weight: <None>
Min Conc: 0

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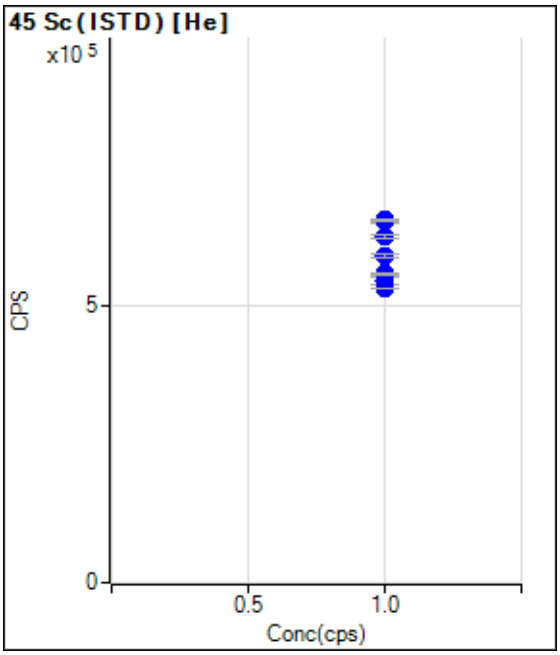


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1970418.84		A	0.9
2	☐	1.000		1889046.03		A	4.0
3	☐	1.000		1988289.81		A	0.7
4	☐	1.000		1996118.16		A	0.6
5	☐	1.000		1983968.49		A	0.6
6	☐	1.000		1879849.83		A	7.0
7	☐	1.000		1889678.13		A	1.9
8	☐	1.000		1838333.08		A	2.1

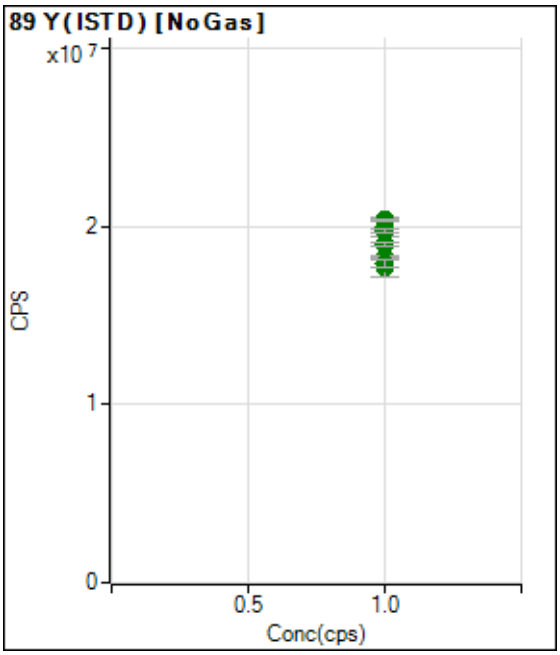


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7574632.18		A	0.4
2	☐	1.000		7287471.42		A	5.0
3	☐	1.000		7315532.04		A	1.2
4	☐	1.000		7004435.45		A	1.3
5	☐	1.000		6649843.79		A	1.4
6	☐	1.000		6099103.03		A	7.1
7	☐	1.000		6194379.28		A	0.2
8	☐	1.000		6412773.66		A	2.2

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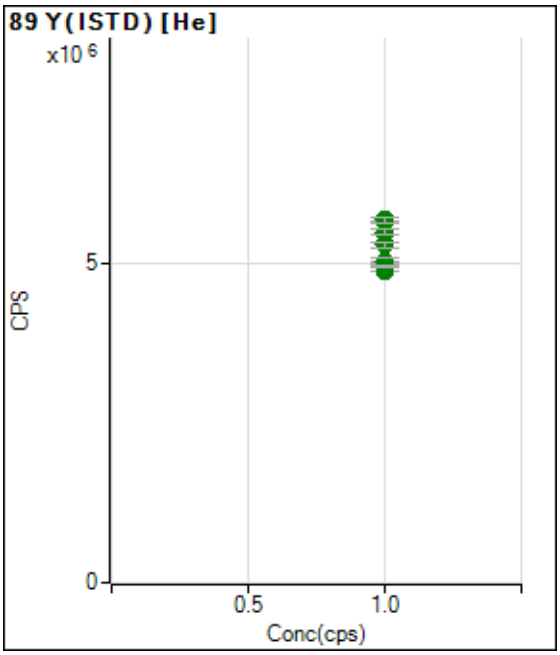


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		650246.11		P	0.6
2	☐	1.000		653200.67		P	0.2
3	☐	1.000		622655.61		P	1.0
4	☐	1.000		588098.87		P	1.5
5	☐	1.000		550476.85		P	0.4
6	☐	1.000		544746.14		P	3.4
7	☐	1.000		529401.67		P	0.5
8	☐	1.000		556818.25		P	0.4

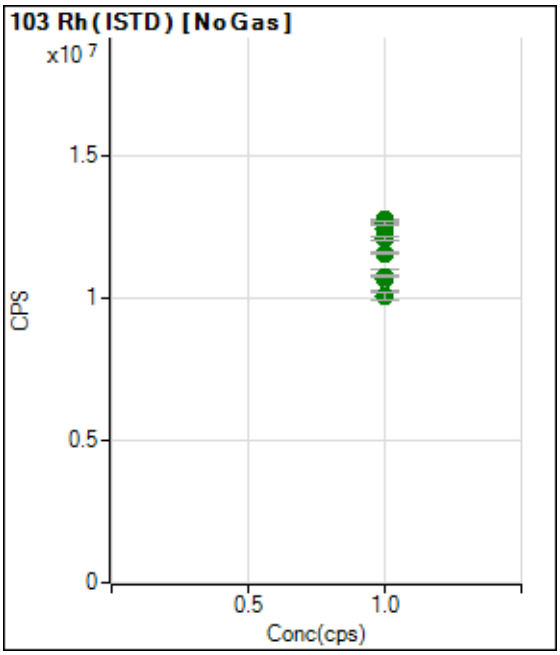


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20369875.94		A	0.4
2	☐	1.000		19967200.12		A	5.3
3	☐	1.000		20338195.53		A	0.9
4	☐	1.000		19725126.09		A	0.9
5	☐	1.000		19001056.80		A	1.5
6	☐	1.000		17746807.79		A	6.4
7	☐	1.000		18298342.65		A	0.2
8	☐	1.000		17918342.93		A	2.9

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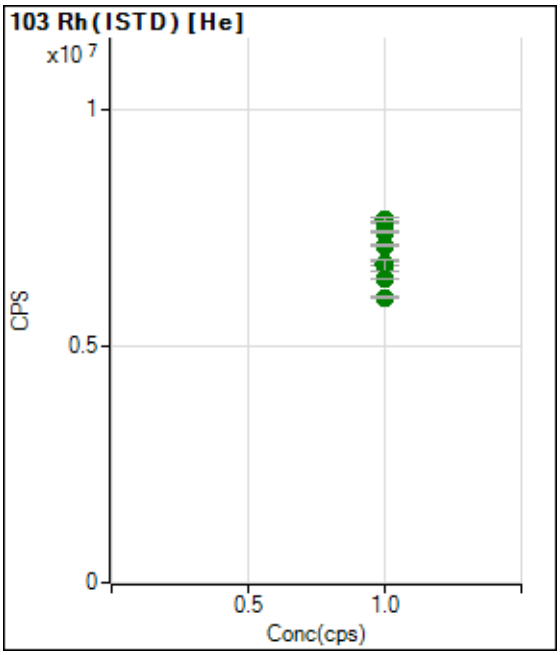


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1	☐	1.000		5663015.75		A	0.4
2	☐	1.000		5691979.01		A	1.3
3	☐	1.000		5503196.52		A	1.5
4	☐	1.000		5301019.02		A	1.6
5	☐	1.000		5017456.70		A	0.4
6	☐	1.000		5026390.13		A	2.9
7	☐	1.000		4889795.69		A	0.3
8	☐	1.000		4958834.68		A	0.9

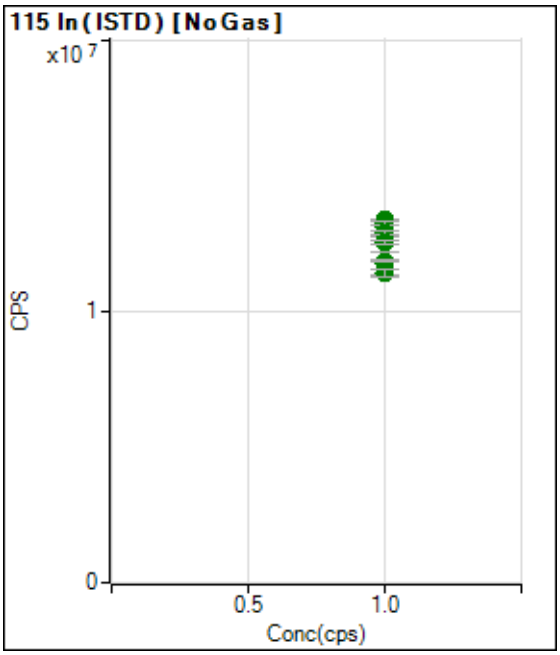


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12756302.59		A	0.6
2	☐	1.000		12420304.26		A	4.0
3	☐	1.000		12632867.59		A	1.3
4	☐	1.000		12122249.68		A	1.3
5	☐	1.000		11593314.69		A	1.0
6	☐	1.000		10658031.58		A	6.8
7	☐	1.000		10783618.87		A	0.3
8	☐	1.000		10060302.84		A	2.4

Reviewed By:Mohan
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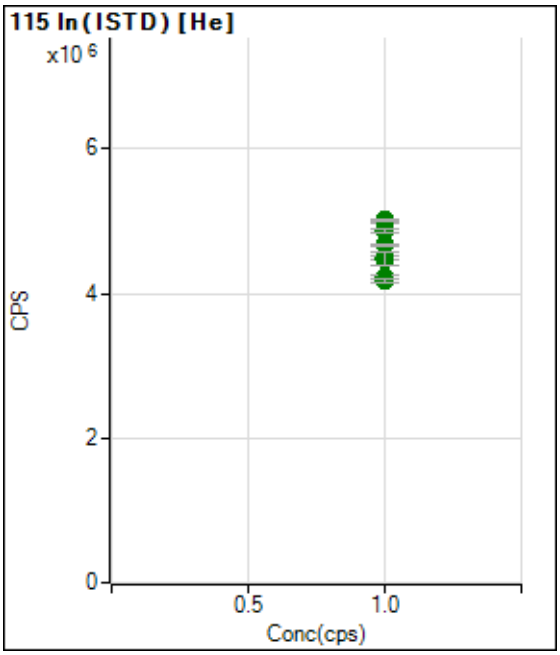


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1	☐	1.000		7613880.65		A	0.7
2	☐	1.000		7666895.79		A	1.1
3	☐	1.000		7401083.36		A	0.7
4	☐	1.000		7130065.66		A	0.9
5	☐	1.000		6744286.36		A	1.2
6	☐	1.000		6713582.40		A	3.4
7	☐	1.000		6416031.15		A	0.3
8	☐	1.000		6020560.81		A	0.8

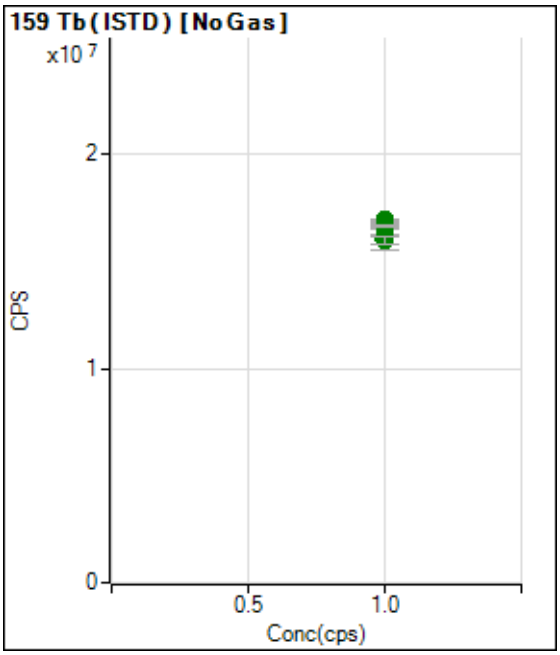


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13392052.07		A	0.7
2	☐	1.000		13115077.37		A	4.7
3	☐	1.000		13264435.68		A	1.0
4	☐	1.000		12938042.15		A	0.9
5	☐	1.000		12548943.32		A	1.3
6	☐	1.000		11768057.04		A	7.1
7	☐	1.000		11884956.26		A	0.3
8	☐	1.000		11447667.92		A	2.6

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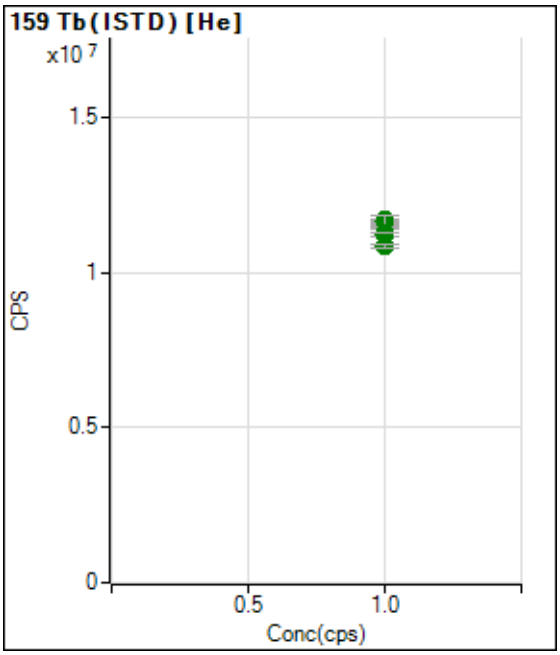


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4990833.52		A	0.9
2	☐	1.000		5016373.37		A	0.4
3	☐	1.000		4861242.84		A	1.3
4	☐	1.000		4673977.72		A	0.7
5	☐	1.000		4483682.03		A	1.2
6	☐	1.000		4479016.78		A	3.8
7	☐	1.000		4233299.69		A	1.0
8	☐	1.000		4176326.38		A	0.9

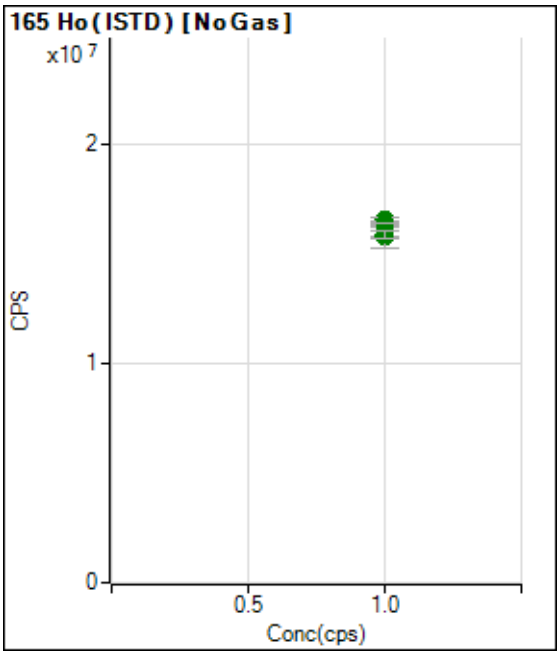


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16793428.78		A	0.7
2	☐	1.000		16532766.42		A	3.9
3	☐	1.000		16928416.69		A	0.1
4	☐	1.000		16872154.47		A	0.4
5	☐	1.000		16825174.61		A	0.7
6	☐	1.000		16020924.34		A	6.2
7	☐	1.000		16653346.14		A	0.4
8	☐	1.000		15970945.88		A	2.5

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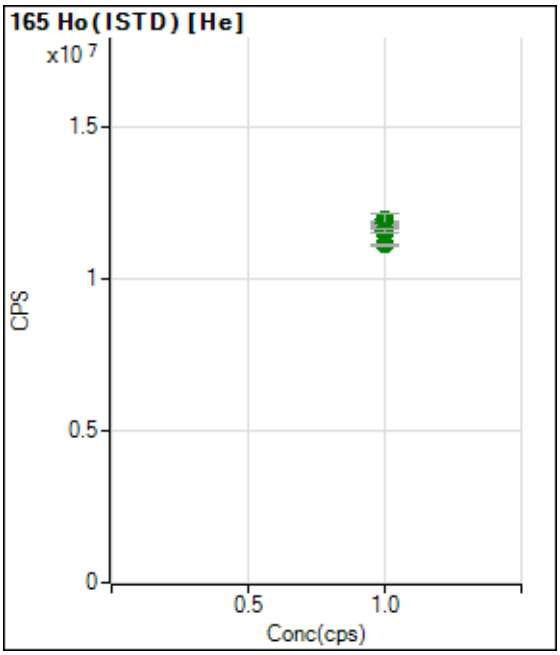


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11689821.35		A	0.9
2	☐	1.000		11713399.27		A	0.4
3	☐	1.000		11540951.08		A	0.7
4	☐	1.000		11507966.22		A	0.6
5	☐	1.000		11223000.25		A	1.0
6	☐	1.000		11660297.74		A	3.9
7	☐	1.000		11296080.39		A	0.2
8	☐	1.000		10848755.95		A	1.3

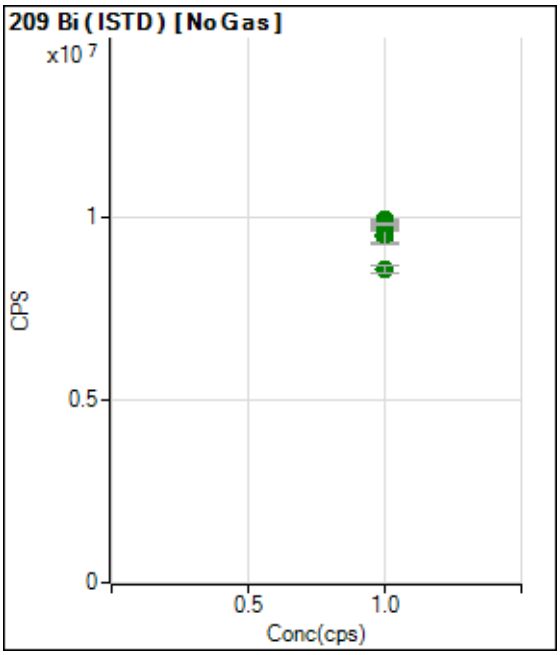


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16327236.70		A	1.2
2	☐	1.000		16088676.15		A	3.8
3	☐	1.000		16448299.48		A	0.9
4	☐	1.000		16434771.15		A	0.4
5	☐	1.000		16559195.45		A	0.9
6	☐	1.000		15787932.13		A	6.9
7	☐	1.000		16404435.45		A	0.3
8	☐	1.000		15882973.65		A	2.7

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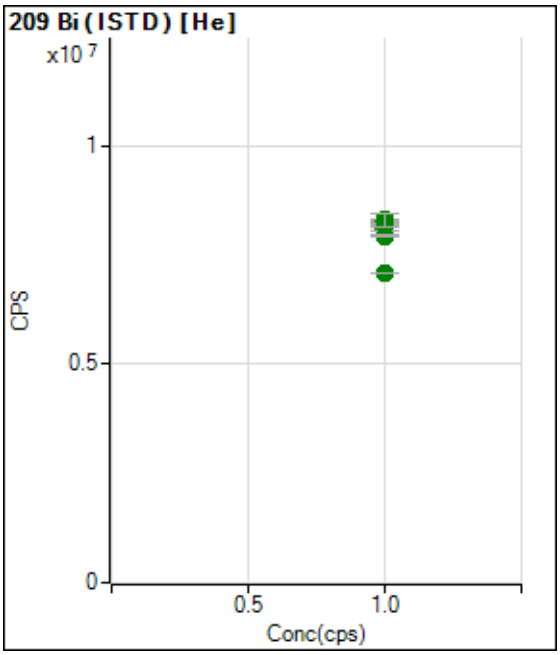


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11815202.74		A	0.8
2	☐	1.000		11785102.33		A	0.4
3	☐	1.000		11797308.85		A	1.6
4	☐	1.000		11726006.91		A	0.2
5	☐	1.000		11501699.00		A	0.1
6	☐	1.000		11928030.10		A	3.3
7	☐	1.000		11563113.85		A	0.8
8	☐	1.000		11106796.08		A	0.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9660701.31		A	0.8
2	☐	1.000		9487718.96		A	3.0
3	☐	1.000		9801224.02		A	0.7
4	☐	1.000		9938444.30		A	0.5
5	☐	1.000		9884680.06		A	0.5
6	☐	1.000		9559416.25		A	6.0
7	☐	1.000		9836770.83		A	0.4
8	☐	1.000		8583236.33		A	2.0

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8298715.50		A	0.6
2	☐	1.000		8304022.59		A	0.3
3	☐	1.000		8222987.58		A	0.4
4	☐	1.000		8204693.90		A	1.0
5	☐	1.000		8102076.75		A	1.1
6	☐	1.000		8280997.45		A	3.8
7	☐	1.000		7936572.80		A	0.3
8	☐	1.000		7072965.03		A	0.2

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7
ClientSampleId :TUNE001

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7122624 MS.b
Acq. Date-Time	2024-12-26 13:05:35
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		7880	78804.75			0.244	5.000
24		236078	2360783.97			0.628	5.000
25		28856	288564.54			0.359	5.000
26		32833	328333.80			0.213	5.000
59		95493	954932.66			0.244	5.000
113		13062	130618.76			0.555	5.000
115		159112	1591116.99			0.656	5.000
206		32739	327394.61			0.466	5.000
207		28433	284332.84			0.163	5.000
208		67578	675781.17			0.373	5.000
220		0	1.90			53.931	

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

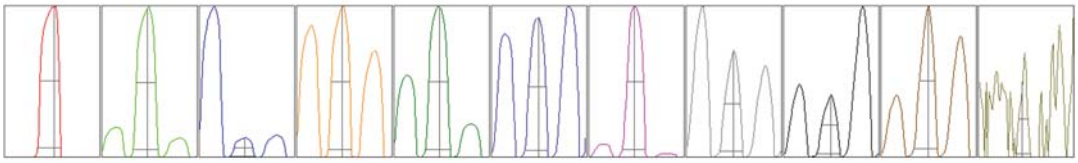
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7886	7874	7869	7862	7911
24	233832	236125	237447	235622	237365
25	28797	28915	28733	28837	29000
26	32725	32845	32862	32819	32915
59	95449	95428	95451	95254	95884
113	13165	13084	12969	13027	13064
115	157272	159394	159865	159556	159472
206	32580	32695	32626	32933	32863
207	28506	28413	28383	28420	28445
208	67995	67558	67503	67312	67522

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	13655.29	9.10	8.90 - 9.10	
24	403875.63	23.95	23.90 - 24.10	
25	50675.90	24.95	24.90 - 25.10	
26	58589.87	25.95	25.90 - 26.10	
59	166069.59	58.95	58.90 - 59.10	
113	25186.23	113.00	112.90 - 113.10	
115	311201.11	114.95	114.90 - 115.10	
206	69159.66	206.00	205.90 - 206.10	
207	59574.63	207.00	206.90 - 207.10	
208	143936.34	208.00	207.90 - 208.10	
220	0.40	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.732	0.900	
24	0.62	0.785	0.900	
25	0.59	0.739	0.900	
26	0.60	0.739	0.900	
59	0.60	0.785	0.900	
113	0.53	0.734	0.900	
115	0.51	0.738	0.900	
206	0.49	0.732	0.900	
207	0.50	0.742	0.900	
208	0.49	0.756	0.900	
220	0.30	0.437		

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	8.1 V	Deflect	16.0 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	180 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.3 mm		

EM

Discriminator	4.7 mV	Analog HV	2252 V	Pulse HV	1046 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		31303	313032.55			0.542	
89		55129	551287.94			0.575	
205		37133	371327.35			0.546	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	31558	31385	31183	31250	31140
89	55659	55091	55003	55079	54812
205	37350	37348	36937	37064	36965

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.1 V	Deflect	3.8 V

US EPA Tune Check Report

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7
ClientSampleId :TUNE001

Extract 2	-145.0 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	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.3 mm		

EM

Discriminator	4.7 mV	Analog HV	2252 V	Pulse HV	1046 V

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:42:24	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.00	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.27	-0.22	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.02	0.00	0.00	N/A	ppb
Calcium	43-1	-0.17	1.15	-0.98	0.00	N/A	ppb
Calcium	44-1	0.31	-0.21	-0.10	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	-0.02	0.02	0.00	N/A	ppb
Iron	57-2	-0.01	-0.20	0.22	0.00	N/A	ppb
Iron	54-2	-0.64	0.42	0.23	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:42:24	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.01	0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-15.86	-19.64	-17.18	-17.56		ppb
Potassium	39-2	0.10	-0.03	-0.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	0.09	-0.04	0.00	N/A	ppb
Selenium	77-2	-0.10	0.21	-0.10	0.00	N/A	ppb
Selenium	78-2	0.74	-0.56	-0.18	0.00	N/A	ppb
Silicon	28-1	-0.11	0.15	-0.04	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	-0.07	-0.26	0.33	0.00	N/A	ppb
Strontium	86-1	0.04	0.19	-0.23	0.00	N/A	ppb
Strontium	88-1	-0.02	0.00	0.02	0.00	N/A	ppb
Sulfur	34-1	-132.84	-79.57	-69.58	-94.00		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	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	0.00	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:42:24	DataFile Name :	004CALB.d

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

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:48:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.57	20.37	19.52	20.15	2.78	ppb
Antimony	121-1	2.25	2.46	2.32	2.34	4.47	ppb
Arsenic	75-2	1.20	1.17	1.28	1.21	4.58	ppb
Barium	135-1	11.14	12.03	11.16	11.44	4.46	ppb
Barium	137-1	11.39	12.11	11.26	11.59	3.96	ppb
Beryllium	9-1	1.17	1.35	1.22	1.25	7.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	1.25	1.27	1.20	8.35	ppb
Cadmium	106-1	1.42	1.34	0.32	1.03	59.68	ppb
Cadmium	111-1	1.27	1.36	1.14	1.26	8.64	ppb
Calcium	43-1	580.16	629.70	560.60	590.15	6.03	ppb
Calcium	44-1	576.16	620.74	564.05	586.99	5.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.22	2.22	2.12	2.19	2.68	ppb
Cobalt	59-2	1.22	1.20	1.17	1.20	2.29	ppb
Copper	63-2	2.05	2.11	2.07	2.08	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	58.84	58.61	58.38	58.61	0.39	ppb
Iron	57-2	61.07	63.77	62.66	62.50	2.17	ppb
Iron	54-2	59.02	60.29	59.26	59.52	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:48:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.06	1.14	1.07	1.09	3.68	ppb
Lead	207-1	1.02	1.11	1.05	1.06	4.19	ppb
Lead	208-1	1.03	1.11	1.03	1.06	4.30	ppb
Lithium	6-1				96		%
Magnesium	24-2	522.14	524.33	523.18	523.22	0.21	ppb
Manganese	55-2	1.06	1.10	1.05	1.07	2.35	ppb
Molybdenum	94-1	6.31	7.17	6.49	6.66	6.81	ppb
Molybdenum	95-1	5.37	5.89	5.37	5.54	5.42	ppb
Molybdenum	96-1	5.42	6.00	5.48	5.63	5.67	ppb
Molybdenum	97-1	5.36	5.86	5.45	5.56	4.73	ppb
Molybdenum	98-1	5.28	5.91	5.35	5.51	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.17	1.09	1.12	3.41	ppb
Phosphorus	31-2	20.33	17.77	14.59	17.56	16.40	ppb
Potassium	39-2	561.72	558.92	556.22	558.96	0.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	5.39	6.16	5.46	5.67	7.49	ppb
Selenium	77-2	5.83	5.07	6.12	5.67	9.52	ppb
Selenium	78-2	5.91	5.46	6.43	5.93	8.21	ppb
Silicon	28-1	1.43	3.32	1.26	2.01	57.09	ppb
Silver	107-1	1.12	1.21	1.16	1.17	3.67	ppb
Silver	109-1	1.11	1.21	1.14	1.15	4.46	ppb
Sodium	23-2	509.94	505.33	508.74	508.01	0.47	ppb
Strontium	86-1	26.04	30.09	26.92	27.68	7.69	ppb
Strontium	88-1	27.53	30.59	27.11	28.41	6.69	ppb
Sulfur	34-1	-12.92	336.67	-41.76	94.00	224.12	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.04	1.10	1.06	1.07	3.07	ppb
Thallium	205-1	1.06	1.11	1.05	1.07	3.40	ppb
Tin	118-1	5.90	6.36	5.85	6.04	4.70	ppb
Titanium	47-1	5.30	5.85	5.48	5.54	5.06	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:48:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	1.02	0.98	0.99	3.03	ppb
Vanadium	51-2	5.55	5.60	5.65	5.60	0.88	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	5.94	5.49	5.54	5.66	4.38	ppb
Zirconium	90-1	1.06	1.17	1.10	1.11	4.96	ppb
Zirconium	91-1	1.05	1.18	1.06	1.09	6.59	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:52:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	963.22	955.27	966.29	961.59	0.59	ppb
Antimony	121-1	52.46	52.87	52.80	52.71	0.41	ppb
Arsenic	75-2	52.53	52.74	53.49	52.92	0.96	ppb
Barium	135-1	254.44	258.33	256.44	256.40	0.76	ppb
Barium	137-1	260.17	262.15	262.49	261.60	0.48	ppb
Beryllium	9-1	52.31	53.15	53.02	52.83	0.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.41	55.20	55.49	55.03	1.02	ppb
Cadmium	106-1	55.23	56.09	56.06	55.79	0.87	ppb
Cadmium	111-1	55.01	55.04	54.92	54.99	0.11	ppb
Calcium	43-1	5277.02	5408.04	5404.84	5363.30	1.39	ppb
Calcium	44-1	5080.44	5158.33	5168.89	5135.89	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.88	50.32	51.92	51.37	1.77	ppb
Cobalt	59-2	52.22	51.74	52.11	52.02	0.49	ppb
Copper	63-2	534.26	521.60	540.81	532.22	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	2618.07	2564.74	2627.81	2603.54	1.30	ppb
Iron	57-2	2714.44	2655.23	2729.70	2699.79	1.46	ppb
Iron	54-2	2727.29	2739.00	2767.30	2744.53	0.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:52:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	240.64	251.13	244.79	245.52	2.15	ppb
Lead	207-1	242.37	252.42	246.53	247.10	2.04	ppb
Lead	208-1	243.53	251.84	247.29	247.55	1.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	4707.96	4803.39	4700.32	4737.22	1.21	ppb
Manganese	55-2	504.44	501.62	515.24	507.10	1.42	ppb
Molybdenum	94-1	500.24	509.82	489.77	499.94	2.01	ppb
Molybdenum	95-1	497.53	503.67	490.37	497.19	1.34	ppb
Molybdenum	96-1	497.60	503.04	493.67	498.10	0.94	ppb
Molybdenum	97-1	497.14	507.38	496.43	500.32	1.22	ppb
Molybdenum	98-1	495.23	500.28	488.63	494.71	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.33	51.99	52.75	52.69	1.28	ppb
Phosphorus	31-2	1084.89	1061.84	1052.72	1066.48	1.55	ppb
Potassium	39-2	2528.81	2537.40	2536.34	2534.18	0.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	52.05	55.02	51.85	52.97	3.34	ppb
Selenium	77-2	53.49	48.68	56.47	52.88	7.44	ppb
Selenium	78-2	55.49	48.41	54.34	52.75	7.21	ppb
Silicon	28-1	60.53	62.42	61.92	61.62	1.59	ppb
Silver	107-1	56.78	57.08	56.33	56.73	0.67	ppb
Silver	109-1	56.35	57.05	56.61	56.67	0.63	ppb
Sodium	23-2	4980.29	4991.90	4963.30	4978.50	0.29	ppb
Strontium	86-1	1243.89	1275.73	1249.66	1256.42	1.35	ppb
Strontium	88-1	1238.02	1264.37	1259.74	1254.04	1.12	ppb
Sulfur	34-1	1032.22	1087.05	1045.54	1054.94	2.71	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	48.20	49.04	48.27	48.50	0.96	ppb
Thallium	205-1	47.96	49.06	48.05	48.36	1.26	ppb
Tin	118-1	53.10	52.89	52.89	52.96	0.24	ppb
Titanium	47-1	497.89	506.09	506.55	503.51	0.97	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:52:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.13	47.79	46.70	46.88	1.80	ppb
Vanadium	51-2	51.32	50.40	51.64	51.12	1.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	527.71	520.39	528.15	525.42	0.83	ppb
Zirconium	90-1	49.19	50.46	49.56	49.74	1.31	ppb
Zirconium	91-1	49.30	51.02	49.20	49.84	2.06	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:55:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2406.50	2400.80	2432.23	2413.18	0.69	ppb
Antimony	121-1	128.74	131.32	131.36	130.48	1.15	ppb
Arsenic	75-2	130.21	131.84	133.47	131.84	1.24	ppb
Barium	135-1	651.91	652.69	654.10	652.90	0.17	ppb
Barium	137-1	647.69	653.69	646.98	649.45	0.57	ppb
Beryllium	9-1	128.54	131.20	130.53	130.09	1.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.61	137.54	135.90	135.68	1.46	ppb
Cadmium	106-1	138.19	137.54	134.46	136.73	1.46	ppb
Cadmium	111-1	134.18	136.36	135.76	135.43	0.83	ppb
Calcium	43-1	13299.83	13541.44	13481.96	13441.08	0.94	ppb
Calcium	44-1	12710.15	12964.88	12976.30	12883.78	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.22	128.71	129.80	128.91	0.63	ppb
Cobalt	59-2	129.88	130.22	132.21	130.77	0.96	ppb
Copper	63-2	1312.54	1334.42	1332.90	1326.62	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				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	6642.25	6506.22	6629.47	6592.65	1.14	ppb
Iron	57-2	6711.00	6739.66	6823.88	6758.18	0.87	ppb
Iron	54-2	6694.16	6629.84	6638.35	6654.12	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:55:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	616.69	630.22	620.48	622.46	1.12	ppb
Lead	207-1	604.62	629.37	616.33	616.77	2.01	ppb
Lead	208-1	610.47	628.40	617.20	618.69	1.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	11775.43	11844.55	12039.89	11886.62	1.15	ppb
Manganese	55-2	1275.35	1283.47	1278.84	1279.22	0.32	ppb
Molybdenum	94-1	1251.81	1265.78	1257.10	1258.23	0.56	ppb
Molybdenum	95-1	1251.85	1272.88	1273.03	1265.92	0.96	ppb
Molybdenum	96-1	1253.50	1265.74	1256.69	1258.64	0.50	ppb
Molybdenum	97-1	1244.78	1270.03	1250.03	1254.95	1.06	ppb
Molybdenum	98-1	1234.89	1264.80	1250.65	1250.11	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.18	131.53	133.05	131.92	0.75	ppb
Phosphorus	31-2	2652.30	2671.88	2687.35	2670.51	0.66	ppb
Potassium	39-2	6253.70	6314.93	6355.32	6307.98	0.81	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	133.07	133.52	131.03	132.54	1.00	ppb
Selenium	77-2	137.85	127.29	136.24	133.79	4.25	ppb
Selenium	78-2	132.03	132.76	134.59	133.13	0.99	ppb
Silicon	28-1	137.78	140.89	141.99	140.22	1.56	ppb
Silver	107-1	138.08	139.74	134.61	137.48	1.90	ppb
Silver	109-1	139.90	137.51	139.74	139.05	0.96	ppb
Sodium	23-2	12499.87	12527.69	12641.51	12556.36	0.60	ppb
Strontium	86-1	3096.48	3156.56	3167.93	3140.33	1.22	ppb
Strontium	88-1	3140.34	3172.11	3153.94	3155.46	0.51	ppb
Sulfur	34-1	2476.93	2556.12	2634.90	2555.98	3.09	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	120.21	123.88	121.91	122.00	1.50	ppb
Thallium	205-1	123.64	126.35	123.72	124.57	1.24	ppb
Tin	118-1	130.00	132.12	129.89	130.67	0.96	ppb
Titanium	47-1	1281.05	1269.49	1273.42	1274.65	0.46	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:55:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	116.40	119.03	118.83	118.09	1.24	ppb
Vanadium	51-2	126.17	127.31	128.57	127.35	0.94	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	1316.42	1316.37	1337.49	1323.43	0.92	ppb
Zirconium	90-1	125.58	126.14	126.26	125.99	0.29	ppb
Zirconium	91-1	124.75	127.92	125.73	126.13	1.29	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:58:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4890.75	4964.22	4918.14	4924.37	0.75	ppb
Antimony	121-1	253.28	253.19	256.94	254.47	0.84	ppb
Arsenic	75-2	261.53	259.96	256.82	259.44	0.92	ppb
Barium	135-1	1271.19	1241.96	1262.75	1258.63	1.20	ppb
Barium	137-1	1256.47	1256.59	1271.51	1261.52	0.69	ppb
Beryllium	9-1	248.01	253.12	250.73	250.62	1.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	262.93	256.83	263.15	260.97	1.37	ppb
Cadmium	106-1	259.02	263.77	261.74	261.51	0.91	ppb
Cadmium	111-1	256.87	257.68	261.18	258.58	0.89	ppb
Calcium	43-1	26528.41	26741.75	27002.21	26757.46	0.89	ppb
Calcium	44-1	25289.20	25725.64	25841.66	25618.83	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.61	253.95	252.05	253.20	0.40	ppb
Cobalt	59-2	257.68	259.49	255.72	257.63	0.73	ppb
Copper	63-2	2612.11	2607.35	2607.36	2608.94	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				101		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	13080.62	13070.85	13011.95	13054.47	0.28	ppb
Iron	57-2	13404.48	12964.77	13369.37	13246.21	1.84	ppb
Iron	54-2	13385.59	13397.75	13525.64	13436.32	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:58:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1234.54	1234.08	1240.62	1236.41	0.30	ppb
Lead	207-1	1231.47	1225.39	1248.85	1235.24	0.99	ppb
Lead	208-1	1229.56	1228.87	1247.71	1235.38	0.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	23454.96	23839.71	23568.49	23621.05	0.84	ppb
Manganese	55-2	2521.94	2547.58	2513.00	2527.51	0.71	ppb
Molybdenum	94-1	2470.30	2490.17	2511.57	2490.68	0.83	ppb
Molybdenum	95-1	2493.20	2494.19	2501.18	2496.19	0.17	ppb
Molybdenum	96-1	2487.24	2478.86	2517.35	2494.49	0.81	ppb
Molybdenum	97-1	2485.62	2481.63	2529.45	2498.90	1.06	ppb
Molybdenum	98-1	2474.11	2475.22	2509.12	2486.15	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.40	257.73	256.67	257.60	0.34	ppb
Phosphorus	31-2	5192.38	5246.03	5175.64	5204.68	0.71	ppb
Potassium	39-2	12470.45	12471.02	12415.48	12452.32	0.26	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	254.99	255.36	259.90	256.75	1.07	ppb
Selenium	77-2	262.40	252.03	255.27	256.57	2.07	ppb
Selenium	78-2	265.74	263.23	256.37	261.78	1.85	ppb
Silicon	28-1	264.04	267.21	267.96	266.40	0.78	ppb
Silver	107-1	260.56	262.21	264.30	262.36	0.71	ppb
Silver	109-1	262.57	258.10	261.72	260.80	0.91	ppb
Sodium	23-2	25019.59	24871.04	24762.63	24884.42	0.52	ppb
Strontium	86-1	6213.39	6182.83	6348.39	6248.20	1.41	ppb
Strontium	88-1	6268.06	6212.92	6243.20	6241.40	0.44	ppb
Sulfur	34-1	4915.06	5075.54	5047.13	5012.58	1.71	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	254.30	246.60	252.39	251.10	1.60	ppb
Thallium	205-1	248.04	249.05	249.88	248.99	0.37	ppb
Tin	118-1	254.26	253.04	255.54	254.28	0.49	ppb
Titanium	47-1	2470.47	2516.86	2520.14	2502.49	1.11	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:58:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	239.76	237.81	240.62	239.40	0.60	ppb
Vanadium	51-2	251.98	252.69	249.33	251.34	0.71	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	2636.46	2640.82	2611.31	2629.53	0.61	ppb
Zirconium	90-1	246.32	248.93	248.09	247.78	0.54	ppb
Zirconium	91-1	247.18	248.78	252.86	249.61	1.17	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:00:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9204.79	9309.13	9746.58	9420.17	3.05	ppb
Antimony	121-1	508.09	499.61	558.13	521.95	6.06	ppb
Arsenic	75-2	486.67	480.48	509.57	492.24	3.11	ppb
Barium	135-1	2515.55	2457.49	2769.70	2580.91	6.43	ppb
Barium	137-1	2522.99	2465.06	2747.10	2578.38	5.78	ppb
Beryllium	9-1	492.28	469.28	542.77	501.44	7.50	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	514.43	494.47	563.97	524.29	6.83	ppb
Cadmium	106-1	516.96	498.46	566.19	527.20	6.64	ppb
Cadmium	111-1	508.00	496.62	560.02	521.55	6.48	ppb
Calcium	43-1	51607.34	50615.82	57472.79	53231.98	6.96	ppb
Calcium	44-1	51285.56	50034.25	56905.94	52741.92	6.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.11	480.49	511.08	490.23	3.69	ppb
Cobalt	59-2	487.10	486.40	515.80	496.43	3.38	ppb
Copper	63-2	4825.83	4908.76	5152.97	4962.52	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	24596.01	24835.25	26091.48	25174.24	3.19	ppb
Iron	57-2	24472.28	24719.70	25974.85	25055.61	3.22	ppb
Iron	54-2	24746.67	25241.63	26499.41	25495.90	3.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:00:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2524.98	2436.35	2748.00	2569.78	6.25	ppb
Lead	207-1	2508.32	2413.31	2752.85	2558.16	6.85	ppb
Lead	208-1	2520.64	2419.83	2752.17	2564.21	6.65	ppb
Lithium	6-1				95		%
Magnesium	24-2	44189.19	44550.81	46834.50	45191.50	3.17	ppb
Manganese	55-2	4784.87	4821.92	5121.53	4909.44	3.76	ppb
Molybdenum	94-1	5012.50	4880.12	5488.81	5127.15	6.24	ppb
Molybdenum	95-1	5078.73	4885.10	5503.65	5155.83	6.14	ppb
Molybdenum	96-1	5070.96	4891.16	5530.46	5164.19	6.38	ppb
Molybdenum	97-1	5096.13	4906.57	5535.59	5179.43	6.23	ppb
Molybdenum	98-1	5060.07	4849.19	5535.87	5148.38	6.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.09	480.56	506.27	486.97	3.50	ppb
Phosphorus	31-2	9666.73	9680.03	10202.48	9849.75	3.10	ppb
Potassium	39-2	23304.04	23503.07	24336.71	23714.61	2.31	ppb
Rhodium	103-1				84		%
Rhodium	103-2				88		%
Scandium	45-1				81		%
Scandium	45-2				84		%
Selenium	82-1	511.89	497.94	565.20	525.01	6.76	ppb
Selenium	77-2	496.45	488.31	495.76	493.51	0.92	ppb
Selenium	78-2	496.40	482.63	512.53	497.19	3.01	ppb
Silicon	28-1	516.63	492.63	568.71	525.99	7.39	ppb
Silver	107-1	515.55	496.95	563.23	525.24	6.51	ppb
Silver	109-1	517.11	497.89	558.32	524.44	5.89	ppb
Sodium	23-2	47264.32	47382.93	49947.71	48198.32	3.15	ppb
Strontium	86-1	12543.93	12154.68	13981.86	12893.49	7.46	ppb
Strontium	88-1	12553.75	12227.41	13871.39	12884.18	6.76	ppb
Sulfur	34-1	10002.46	9528.25	11401.30	10310.67	9.44	ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	503.45	485.20	542.49	510.38	5.73	ppb
Thallium	205-1	499.77	484.88	546.82	510.49	6.33	ppb
Tin	118-1	509.65	490.43	553.04	517.71	6.20	ppb
Titanium	47-1	4960.20	4837.99	5560.79	5119.66	7.56	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:00:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.94	487.32	549.06	511.44	6.45	ppb
Vanadium	51-2	477.22	471.80	517.08	488.70	5.06	ppb
Yttrium	89-1				87		%
Yttrium	89-2				89		%
Zinc	66-2	4888.03	4880.08	5166.08	4978.06	3.27	ppb
Zirconium	90-1	498.51	485.87	548.54	510.97	6.49	ppb
Zirconium	91-1	506.48	491.42	550.25	516.05	5.92	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:03:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19171.25	19393.14	19216.91	19260.43	0.61	ppb
Antimony	121-1	982.04	989.83	989.40	987.09	0.44	ppb
Arsenic	75-2	1007.80	994.00	999.75	1000.52	0.69	ppb
Barium	135-1	4922.37	5020.52	4917.83	4953.58	1.17	ppb
Barium	137-1	4911.54	5038.25	4913.07	4954.29	1.47	ppb
Beryllium	9-1	982.69	990.77	1021.57	998.35	2.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	975.28	996.75	978.54	983.53	1.18	ppb
Cadmium	106-1	977.41	990.77	977.11	981.76	0.79	ppb
Cadmium	111-1	982.80	993.23	980.56	985.53	0.69	ppb
Calcium	43-1	103072.44	104883.62	103209.68	103721.91	0.97	ppb
Calcium	44-1	101938.89	103244.01	102673.67	102618.86	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1003.05	1007.74	999.80	1003.53	0.40	ppb
Cobalt	59-2	994.88	1004.66	997.62	999.05	0.50	ppb
Copper	63-2	9972.77	10010.86	9957.32	9980.32	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				100		%
Holmium	165-2				98		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	51429.84	51651.04	51509.43	51530.11	0.22	ppb
Iron	57-2	51068.47	50896.12	51420.84	51128.47	0.52	ppb
Iron	54-2	51464.26	52124.61	51590.31	51726.40	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:03:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4919.27	4998.63	4989.24	4969.05	0.87	ppb
Lead	207-1	4952.69	4972.35	5002.32	4975.78	0.50	ppb
Lead	208-1	4925.36	4987.39	5004.63	4972.46	0.84	ppb
Lithium	6-1				96		%
Magnesium	24-2	91990.81	92193.36	92207.90	92130.69	0.13	ppb
Manganese	55-2	9968.05	10109.60	10025.54	10034.40	0.71	ppb
Molybdenum	94-1	9879.73	10013.16	9920.30	9937.73	0.69	ppb
Molybdenum	95-1	9884.20	9956.05	9923.32	9921.19	0.36	ppb
Molybdenum	96-1	9887.38	9929.25	9938.26	9918.30	0.27	ppb
Molybdenum	97-1	9862.85	9900.62	9966.31	9909.93	0.53	ppb
Molybdenum	98-1	9908.71	9952.71	9927.15	9929.52	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.70	1009.54	999.59	1003.61	0.52	ppb
Phosphorus	31-2	20082.65	19965.14	19950.17	19999.32	0.36	ppb
Potassium	39-2	48917.48	49270.74	48400.50	48862.91	0.90	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	82-1	982.33	985.10	986.71	984.71	0.23	ppb
Selenium	77-2	1009.49	997.18	994.41	1000.36	0.80	ppb
Selenium	78-2	992.26	997.05	1002.61	997.30	0.52	ppb
Silicon	28-1	979.90	988.23	973.37	980.50	0.76	ppb
Silver	107-1	984.22	990.29	972.66	982.39	0.91	ppb
Silver	109-1	983.76	984.53	980.69	982.99	0.21	ppb
Sodium	23-2	98395.46	98568.23	98366.23	98443.31	0.11	ppb
Strontium	86-1	24503.68	24813.24	25087.48	24801.47	1.18	ppb
Strontium	88-1	24795.91	24805.70	24816.53	24806.05	0.04	ppb
Sulfur	34-1	19778.86	20032.39	19684.08	19831.78	0.91	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	997.13	990.90	996.94	994.99	0.36	ppb
Thallium	205-1	987.79	999.27	998.37	995.14	0.64	ppb
Tin	118-1	986.30	994.64	986.70	989.21	0.48	ppb
Titanium	47-1	9891.21	10019.98	9897.68	9936.29	0.73	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:03:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1003.44	998.11	992.31	997.95	0.56	ppb
Vanadium	51-2	1007.42	1015.91	991.56	1004.96	1.23	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	9971.30	9959.64	9973.47	9968.14	0.07	ppb
Zirconium	90-1	976.54	1011.73	996.60	994.96	1.77	ppb
Zirconium	91-1	987.45	990.73	997.64	991.94	0.52	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:06:24	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100193.36	100630.44	99812.90	100212.23	0.41	ppb
Antimony	121-1	0.61	0.57	0.54	0.57	5.64	ppb
Arsenic	75-2	0.49	0.60	0.52	0.54	10.76	ppb
Barium	135-1	2.29	2.33	2.37	2.33	1.59	ppb
Barium	137-1	2.32	2.39	2.24	2.31	3.40	ppb
Beryllium	9-1	0.23	0.25	0.21	0.23	9.13	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.41	0.51	0.41	24.59	ppb
Cadmium	106-1	-0.71	-0.81	-0.63	-0.72		ppb
Cadmium	111-1	0.13	0.13	0.12	0.13	3.60	ppb
Calcium	43-1	478304.07	507754.41	510393.40	498817.30	3.57	ppb
Calcium	44-1	476292.17	510150.35	511037.64	499160.05	3.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.23	1.22	1.97	1.47	29.22	ppb
Cobalt	59-2	2.65	2.73	2.64	2.67	1.81	ppb
Copper	63-2	1.85	1.77	1.60	1.74	7.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	248833.58	250946.72	249137.38	249639.23	0.46	ppb
Iron	57-2	248970.83	251506.57	248672.80	249716.73	0.62	ppb
Iron	54-2	247566.84	250986.27	250084.18	249545.76	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:06:24	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.37	1.30	1.21	1.29	6.51	ppb
Lead	207-1	1.30	1.29	1.21	1.27	3.97	ppb
Lead	208-1	1.36	1.30	1.21	1.29	5.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	499472.34	504177.94	502774.52	502141.60	0.48	ppb
Manganese	55-2	4.82	4.64	4.65	4.70	2.23	ppb
Molybdenum	94-1	2.86	2.94	2.55	2.79	7.35	ppb
Molybdenum	95-1	2.13	2.01	1.70	1.95	11.58	ppb
Molybdenum	96-1	3.65	3.80	3.48	3.64	4.44	ppb
Molybdenum	97-1	2.15	2.05	1.77	1.99	9.83	ppb
Molybdenum	98-1	1.96	1.96	1.64	1.85	9.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.34	3.46	3.30	3.37	2.41	ppb
Phosphorus	31-2	-7.65	-10.70	-7.70	-8.68		ppb
Potassium	39-2	248777.56	252457.65	249834.09	250356.43	0.76	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	0.50	0.64	0.78	0.64	21.69	ppb
Selenium	77-2	0.07	0.25	1.12	0.48	116.48	ppb
Selenium	78-2	-1.16	0.60	-0.16	-0.24		ppb
Silicon	28-1	-0.61	0.69	0.67	0.25	299.33	ppb
Silver	107-1	0.23	0.22	0.20	0.22	8.42	ppb
Silver	109-1	0.24	0.22	0.19	0.22	11.65	ppb
Sodium	23-2	497584.37	504079.20	499824.69	500496.08	0.66	ppb
Strontium	86-1	73.10	75.19	73.80	74.03	1.44	ppb
Strontium	88-1	72.17	77.72	75.69	75.19	3.74	ppb
Sulfur	34-1	-726.34	-526.55	-453.11	-568.67		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.18	0.17	0.15	0.17	9.72	ppb
Thallium	205-1	0.19	0.16	0.15	0.16	13.86	ppb
Tin	118-1	0.27	0.31	0.28	0.28	7.89	ppb
Titanium	47-1	1.76	1.67	1.42	1.62	10.85	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:06:24	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.14	0.11	0.13	17.11	ppb
Vanadium	51-2	0.24	0.23	0.22	0.23	3.95	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	6.83	7.08	7.05	6.99	1.95	ppb
Zirconium	90-1	0.62	0.67	0.62	0.64	4.97	ppb
Zirconium	91-1	0.64	0.69	0.64	0.65	5.14	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:32:17	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.71	478.10	478.39	479.07	0.30	ppb
Antimony	121-1	209.74	211.13	213.37	211.42	0.87	ppb
Arsenic	75-2	218.21	218.26	218.18	218.22	0.02	ppb
Barium	135-1	102.25	105.77	105.46	104.49	1.86	ppb
Barium	137-1	104.17	107.38	106.16	105.90	1.53	ppb
Beryllium	9-1	104.45	103.42	105.53	104.47	1.01	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.42	99.30	99.21	97.98	2.26	ppb
Cadmium	106-1	94.79	95.74	92.05	94.19	2.03	ppb
Cadmium	111-1	109.13	110.61	109.19	109.64	0.76	ppb
Calcium	43-1	2085.39	2105.80	2150.25	2113.81	1.57	ppb
Calcium	44-1	2105.36	2094.09	2124.72	2108.06	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.55	106.27	106.05	106.29	0.24	ppb
Cobalt	59-2	108.85	107.98	108.47	108.43	0.41	ppb
Copper	63-2	102.86	103.77	102.84	103.16	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				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	2131.05	2112.96	2105.66	2116.56	0.62	ppb
Iron	57-2	2166.32	2162.18	2153.88	2160.80	0.29	ppb
Iron	54-2	2268.02	2263.95	2258.99	2263.65	0.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:32:17	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	202.04	207.34	201.28	203.55	1.62	ppb
Lead	207-1	193.95	197.62	190.84	194.14	1.75	ppb
Lead	208-1	197.88	202.16	198.06	199.37	1.22	ppb
Lithium	6-1				105		%
Magnesium	24-2	1113.78	1119.08	1113.68	1115.51	0.28	ppb
Manganese	55-2	103.93	103.84	103.95	103.90	0.06	ppb
Molybdenum	94-1	0.04	0.05	0.04	0.04	9.72	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	7.47	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	26.77	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	46.10	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	20.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.45	108.99	109.04	109.16	0.23	ppb
Phosphorus	31-2	-19.63	-16.19	-14.74	-16.85		ppb
Potassium	39-2	1996.72	2059.59	2041.34	2032.55	1.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	217.54	221.69	222.51	220.58	1.21	ppb
Selenium	77-2	231.39	231.28	219.67	227.44	2.96	ppb
Selenium	78-2	225.64	229.86	226.55	227.35	0.98	ppb
Silicon	28-1	-3.51	-3.63	-3.36	-3.50		ppb
Silver	107-1	52.35	53.64	53.28	53.09	1.25	ppb
Silver	109-1	52.13	53.63	52.96	52.91	1.42	ppb
Sodium	23-2	2023.26	2015.98	2006.18	2015.14	0.43	ppb
Strontium	86-1	6.53	5.99	5.58	6.04	7.96	ppb
Strontium	88-1	6.05	6.13	6.43	6.21	3.26	ppb
Sulfur	34-1	-303.16	-358.49	-281.28	-314.31		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	199.19	201.11	202.68	200.99	0.87	ppb
Thallium	205-1	198.89	200.02	199.75	199.55	0.29	ppb
Tin	118-1	0.02	0.02	0.01	0.01	41.25	ppb
Titanium	47-1	-0.01	-0.01	0.00	-0.01		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:32:17	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	103.29	102.92	102.05	102.76	0.62	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	213.26	213.39	213.56	213.40	0.07	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	34.34	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	5.79	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:42:00	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.17	-0.22	-0.16		ppb
Antimony	121-1	0.12	0.11	0.13	0.12	10.56	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	25.18	ppb
Barium	135-1	0.01	0.01	0.05	0.02	95.68	ppb
Barium	137-1	0.01	0.00	0.05	0.02	112.54	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	23.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	0.08	0.02	250.68	ppb
Cadmium	106-1	-0.64	-1.05	-0.84	-0.84		ppb
Cadmium	111-1	-0.02	-0.05	0.01	-0.02		ppb
Calcium	43-1	-1.68	-2.18	-1.60	-1.82		ppb
Calcium	44-1	-3.73	-4.14	-3.65	-3.84		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.04	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	54.26	ppb
Copper	63-2	-0.13	-0.10	-0.12	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	-0.05	-0.18	-0.08	-0.11		ppb
Iron	57-2	-0.32	-1.53	-1.19	-1.01		ppb
Iron	54-2	-0.66	0.10	-0.87	-0.48		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:42:00	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.05	0.04	32.20	ppb
Lead	207-1	0.03	0.02	0.04	0.03	24.90	ppb
Lead	208-1	0.03	0.02	0.04	0.03	32.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.16	0.21	-0.03	0.11	113.54	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.01	0.01	0.03	0.01	64.39	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	59.64	ppb
Molybdenum	96-1	0.00	0.00	0.07	0.02	177.62	ppb
Molybdenum	97-1	0.00	0.00	0.26	0.09	165.29	ppb
Molybdenum	98-1	0.01	0.00	0.48	0.16	169.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-17.46	-19.55	-17.07	-18.03		ppb
Potassium	39-2	-4.85	-3.90	-4.62	-4.46		ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.24	-0.42	-0.80	-0.33		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.45	-1.80	-0.53	-0.93		ppb
Silicon	28-1	-3.92	-3.90	-3.46	-3.76		ppb
Silver	107-1	0.04	0.03	0.08	0.05	60.97	ppb
Silver	109-1	0.03	0.03	0.06	0.04	34.49	ppb
Sodium	23-2	5.13	4.97	4.05	4.71	12.39	ppb
Strontium	86-1	-0.07	-0.40	-0.47	-0.32		ppb
Strontium	88-1	-0.08	-0.08	-0.10	-0.09		ppb
Sulfur	34-1	-249.97	-290.46	-164.22	-234.89		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.04	0.04	6.96	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	9.83	ppb
Tin	118-1	-0.02	0.29	0.01	0.10	177.84	ppb
Titanium	47-1	-0.01	-0.03	-0.02	-0.02		ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:42:00	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	56.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.10	-0.19	-0.13	-0.14		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	353.22	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	191.01	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:45:16	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91887.85	92200.47	92631.68	92240.00	0.40	ppb
Antimony	121-1	1.10	1.16	1.20	1.15	4.51	ppb
Arsenic	75-2	0.26	0.36	0.30	0.31	16.27	ppb
Barium	135-1	1.34	1.36	1.43	1.38	3.55	ppb
Barium	137-1	1.36	1.47	1.48	1.44	4.78	ppb
Beryllium	9-1	0.27	0.33	0.29	0.30	10.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.07	8.62	9.01	8.90	2.73	ppb
Cadmium	106-1	-1.62	-2.54	-1.81	-1.99		ppb
Cadmium	111-1	0.24	0.17	0.13	0.18	32.80	ppb
Calcium	43-1	97804.55	104310.36	104743.03	102285.98	3.80	ppb
Calcium	44-1	97436.54	104152.32	103143.07	101577.31	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.54	20.72	20.55	20.60	0.50	ppb
Cobalt	59-2	1.30	1.31	1.31	1.31	0.63	ppb
Copper	63-2	7.22	7.32	7.27	7.27	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	105638.02	105526.17	105103.31	105422.50	0.27	ppb
Iron	57-2	104674.18	104511.51	103577.83	104254.51	0.57	ppb
Iron	54-2	104254.90	105417.39	104895.11	104855.80	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:45:16	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.03	5.15	5.02	5.07	1.43	ppb
Lead	207-1	4.56	4.58	4.52	4.56	0.65	ppb
Lead	208-1	4.72	4.79	4.69	4.73	1.15	ppb
Lithium	6-1				100		%
Magnesium	24-2	94342.02	94257.92	94005.72	94201.88	0.19	ppb
Manganese	55-2	8.15	8.23	8.16	8.18	0.55	ppb
Molybdenum	94-1	1580.82	1624.70	1649.21	1618.24	2.14	ppb
Molybdenum	95-1	1925.40	2011.05	2036.12	1990.86	2.92	ppb
Molybdenum	96-1	1889.38	1964.47	1979.08	1944.31	2.48	ppb
Molybdenum	97-1	1932.34	1987.28	2005.81	1975.14	1.93	ppb
Molybdenum	98-1	1937.83	2005.22	2007.09	1983.38	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	5.58	5.52	5.54	0.66	ppb
Phosphorus	31-2	104294.88	103230.32	104560.91	104028.70	0.68	ppb
Potassium	39-2	98242.31	98658.89	97740.02	98213.74	0.47	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	0.15	-0.35	-0.79	-0.33		ppb
Selenium	77-2	0.07	0.07	-0.10	0.01	955.53	ppb
Selenium	78-2	-0.93	-1.43	-0.93	-1.09		ppb
Silicon	28-1	-2.44	-1.55	-1.69	-1.89		ppb
Silver	107-1	0.07	0.05	0.04	0.06	20.58	ppb
Silver	109-1	0.07	0.06	0.05	0.06	17.11	ppb
Sodium	23-2	99481.14	99568.69	99384.12	99477.99	0.09	ppb
Strontium	86-1	837.66	873.96	878.97	863.53	2.61	ppb
Strontium	88-1	843.82	874.10	885.79	867.90	2.50	ppb
Sulfur	34-1	101598.01	107809.11	105017.64	104808.25	2.97	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.13	0.14	0.14	7.75	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	3.37	ppb
Tin	118-1	0.22	0.24	0.20	0.22	9.99	ppb
Titanium	47-1	1946.47	2085.12	2071.58	2034.39	3.76	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:45:16	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	6.92	ppb
Vanadium	51-2	0.19	0.19	0.19	0.19	0.92	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	11.33	11.63	11.11	11.36	2.30	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	23.35	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	42.27	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:48:20	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92620.15	92411.16	92890.63	92640.65	0.26	ppb
Antimony	121-1	21.46	21.97	21.98	21.80	1.35	ppb
Arsenic	75-2	20.23	21.26	21.20	20.89	2.76	ppb
Barium	135-1	21.32	22.30	22.03	21.88	2.31	ppb
Barium	137-1	21.90	22.60	22.14	22.22	1.61	ppb
Beryllium	9-1	20.65	20.38	21.04	20.69	1.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.89	26.05	27.24	26.39	2.79	ppb
Cadmium	106-1	16.53	16.98	15.71	16.41	3.95	ppb
Cadmium	111-1	20.15	20.80	20.70	20.55	1.70	ppb
Calcium	43-1	103390.77	103707.06	105747.00	104281.61	1.23	ppb
Calcium	44-1	103104.24	104926.05	104171.09	104067.13	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.11	41.95	41.77	41.61	1.07	ppb
Cobalt	59-2	22.31	22.48	22.47	22.42	0.44	ppb
Copper	63-2	27.01	27.15	27.46	27.21	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				105		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	105152.20	107042.32	106928.25	106374.26	1.00	ppb
Iron	57-2	104523.74	104788.29	104885.33	104732.46	0.18	ppb
Iron	54-2	105205.48	106041.74	106127.51	105791.58	0.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:48:20	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.88	26.31	25.85	26.01	1.00	ppb
Lead	207-1	24.30	24.69	24.33	24.44	0.91	ppb
Lead	208-1	24.86	25.16	24.88	24.97	0.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	94100.27	94462.37	94923.42	94495.35	0.44	ppb
Manganese	55-2	29.09	29.32	28.98	29.13	0.59	ppb
Molybdenum	94-1	1646.48	1634.18	1596.31	1625.66	1.61	ppb
Molybdenum	95-1	2007.38	2005.93	1970.63	1994.65	1.04	ppb
Molybdenum	96-1	1967.49	1957.31	1931.03	1951.94	0.96	ppb
Molybdenum	97-1	2004.50	1997.81	1971.17	1991.16	0.89	ppb
Molybdenum	98-1	1987.94	1997.91	1974.49	1986.78	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.91	26.68	26.08	26.22	1.54	ppb
Phosphorus	31-2	104497.92	105885.12	105027.06	105136.70	0.67	ppb
Potassium	39-2	98979.12	98451.09	99926.34	99118.85	0.75	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	20.65	20.16	20.59	20.47	1.30	ppb
Selenium	77-2	19.25	23.42	23.98	22.22	11.64	ppb
Selenium	78-2	20.03	20.76	22.31	21.03	5.53	ppb
Silicon	28-1	-1.43	-1.23	-1.39	-1.35		ppb
Silver	107-1	19.42	20.16	20.02	19.87	1.98	ppb
Silver	109-1	19.39	20.13	19.90	19.81	1.91	ppb
Sodium	23-2	100056.32	100294.90	100306.34	100219.19	0.14	ppb
Strontium	86-1	879.46	879.99	871.51	876.99	0.54	ppb
Strontium	88-1	877.62	889.69	876.99	881.43	0.81	ppb
Sulfur	34-1	105652.99	106095.53	106015.28	105921.27	0.22	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	20.91	21.24	21.27	21.14	0.93	ppb
Thallium	205-1	20.89	21.31	20.91	21.04	1.12	ppb
Tin	118-1	0.19	0.12	0.16	0.16	22.34	ppb
Titanium	47-1	2026.52	2078.52	2080.32	2061.79	1.48	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:48:20	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	7.90	ppb
Vanadium	51-2	20.88	20.99	20.89	20.92	0.29	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	32.81	32.40	33.16	32.79	1.16	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.13	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	19.58	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:54:42	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48792.99	49383.14	49066.86	49081.00	0.60	ppb
Antimony	121-1	468.54	484.72	491.65	481.64	2.46	ppb
Arsenic	75-2	490.69	491.31	488.08	490.02	0.35	ppb
Barium	135-1	2349.40	2404.52	2463.84	2405.92	2.38	ppb
Barium	137-1	2363.53	2451.61	2443.88	2419.67	2.02	ppb
Beryllium	9-1	458.28	475.11	472.49	468.62	1.93	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	464.69	476.91	479.24	473.61	1.65	ppb
Cadmium	106-1	462.70	476.38	481.54	473.54	2.06	ppb
Cadmium	111-1	456.05	465.40	471.80	464.42	1.71	ppb
Calcium	43-1	244464.37	252419.28	249542.22	248808.62	1.62	ppb
Calcium	44-1	242590.12	252472.46	250171.12	248411.23	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.35	497.54	486.00	490.63	1.24	ppb
Cobalt	59-2	492.80	493.01	486.81	490.87	0.72	ppb
Copper	63-2	4751.12	4752.92	4692.98	4732.34	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				102		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	126039.64	126407.41	126006.44	126151.16	0.18	ppb
Iron	57-2	125068.62	127251.11	123636.29	125318.67	1.45	ppb
Iron	54-2	126551.94	128360.73	126160.64	127024.44	0.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:54:42	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2416.76	2521.92	2551.55	2496.74	2.84	ppb
Lead	207-1	2407.74	2505.80	2542.90	2485.48	2.81	ppb
Lead	208-1	2411.32	2493.12	2528.26	2477.57	2.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	239340.61	240476.53	240008.01	239941.72	0.24	ppb
Manganese	55-2	4928.13	4975.66	4888.30	4930.70	0.89	ppb
Molybdenum	94-1	4714.06	4958.01	5080.76	4917.61	3.80	ppb
Molybdenum	95-1	4825.26	5010.07	5066.32	4967.22	2.54	ppb
Molybdenum	96-1	4835.20	4984.11	5063.21	4960.84	2.33	ppb
Molybdenum	97-1	4796.88	4935.40	5051.23	4927.84	2.58	ppb
Molybdenum	98-1	4771.15	4923.59	5014.73	4903.15	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.55	473.21	466.14	469.30	0.77	ppb
Phosphorus	31-2	10010.12	10163.72	10082.87	10085.57	0.76	ppb
Potassium	39-2	122099.21	122696.19	121415.23	122070.21	0.53	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	453.93	471.36	475.85	467.05	2.48	ppb
Selenium	77-2	482.89	461.24	467.64	470.59	2.36	ppb
Selenium	78-2	488.02	478.32	479.90	482.08	1.08	ppb
Silicon	28-1	232.35	241.69	240.34	238.12	2.12	ppb
Silver	107-1	460.40	468.04	477.32	468.59	1.81	ppb
Silver	109-1	458.98	472.43	478.42	469.94	2.12	ppb
Sodium	23-2	247354.90	247524.94	244021.89	246300.58	0.80	ppb
Strontium	86-1	11909.08	12426.64	12499.54	12278.42	2.62	ppb
Strontium	88-1	11956.37	12346.56	12461.52	12254.81	2.16	ppb
Sulfur	34-1	9052.93	9464.03	9433.85	9316.94	2.46	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	491.14	506.30	505.89	501.11	1.72	ppb
Thallium	205-1	488.33	506.51	509.24	501.36	2.27	ppb
Tin	118-1	472.94	487.17	491.80	483.97	2.03	ppb
Titanium	47-1	4734.57	4900.35	4894.98	4843.30	1.94	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:54:42	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	496.35	509.74	513.37	506.49	1.77	ppb
Vanadium	51-2	498.16	510.55	501.04	503.25	1.29	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	4690.13	4678.11	4618.21	4662.15	0.83	ppb
Zirconium	90-1	476.97	494.71	498.92	490.20	2.38	ppb
Zirconium	91-1	474.14	499.28	506.87	493.43	3.47	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:00:42	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.28	-0.04	0.11	142.44	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	4.70	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	480.91	ppb
Barium	137-1	0.00	0.00	0.01	0.00	110.93	ppb
Beryllium	9-1	0.08	0.06	0.05	0.06	29.14	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.04	-0.02	-0.02		ppb
Cadmium	106-1	-2.39	-2.41	-2.23	-2.34		ppb
Cadmium	111-1	-0.17	-0.15	-0.15	-0.16		ppb
Calcium	43-1	-1.03	-1.14	-1.38	-1.18		ppb
Calcium	44-1	-4.07	-2.81	-3.33	-3.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	0.01	-0.01	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.09	-0.08	-0.10	-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				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	0.29	0.49	0.35	0.38	26.86	ppb
Iron	57-2	-0.07	-1.32	-0.30	-0.56		ppb
Iron	54-2	-0.08	-0.08	0.56	0.13	280.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:00:42	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.04	0.04	8.17	ppb
Lead	207-1	0.03	0.04	0.04	0.04	15.05	ppb
Lead	208-1	0.04	0.04	0.04	0.04	1.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.18	1.32	1.17	1.22	6.92	ppb
Manganese	55-2	0.02	0.01	0.00	0.01	94.94	ppb
Molybdenum	94-1	0.07	0.06	0.05	0.06	16.27	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.83	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	18.37	ppb
Molybdenum	97-1	0.05	0.06	0.07	0.06	18.40	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-18.01	-18.21	-17.27	-17.83		ppb
Potassium	39-2	-5.43	-2.32	-2.24	-3.33		ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.19	-0.62	-0.53	-0.45		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-1.36	-0.47	-1.18	-1.00		ppb
Silicon	28-1	-5.29	-4.42	-4.32	-4.68		ppb
Silver	107-1	0.01	0.02	0.01	0.01	3.79	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.31	ppb
Sodium	23-2	29.19	30.74	30.66	30.20	2.88	ppb
Strontium	86-1	-0.18	-0.86	-0.35	-0.46		ppb
Strontium	88-1	-0.07	-0.09	-0.10	-0.09		ppb
Sulfur	34-1	-639.59	-458.73	-459.92	-519.41		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.06	0.05	0.06	12.14	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	6.79	ppb
Tin	118-1	-0.03	-0.02	0.00	-0.02		ppb
Titanium	47-1	0.05	0.04	0.02	0.04	38.81	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:00:42	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	10.51	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	56.21	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	-0.15	-0.06	-0.12	-0.11		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	3.69	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	56.61	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:03:58	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	-0.12	-0.04	-0.09		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	20.81	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	0.06	0.02	207.56	ppb
Barium	137-1	-0.01	-0.01	0.05	0.01	308.38	ppb
Beryllium	9-1	0.04	0.06	0.04	0.04	25.15	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.06	0.00	-0.02		ppb
Cadmium	106-1	-1.75	-2.19	-1.13	-1.69		ppb
Cadmium	111-1	-0.12	-0.15	-0.05	-0.11		ppb
Calcium	43-1	-3.72	-3.04	-0.53	-2.43		ppb
Calcium	44-1	-4.30	-3.69	-2.54	-3.51		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	0.00	-0.04	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.11	-0.10	-0.11	-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				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	-0.03	0.02	-0.07	-0.03		ppb
Iron	57-2	-0.63	-0.76	-0.61	-0.67		ppb
Iron	54-2	-0.01	-0.02	0.15	0.04	243.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:03:58	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.05	0.03	40.97	ppb
Lead	207-1	0.02	0.02	0.04	0.03	34.93	ppb
Lead	208-1	0.02	0.03	0.05	0.03	40.34	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.62	0.39	0.59	0.53	24.02	ppb
Manganese	55-2	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	94-1	0.04	0.02	1.12	0.39	160.93	ppb
Molybdenum	95-1	0.02	0.02	1.17	0.41	163.87	ppb
Molybdenum	96-1	0.02	0.01	0.90	0.31	165.01	ppb
Molybdenum	97-1	0.02	0.02	0.66	0.23	159.77	ppb
Molybdenum	98-1	0.02	0.01	0.55	0.19	159.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-18.23	-16.57	-18.57	-17.79		ppb
Potassium	39-2	-4.77	-2.83	-2.04	-3.21		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.06	-0.34	-0.31	-0.24		ppb
Selenium	77-2	-0.10	0.06	-0.10	-0.05		ppb
Selenium	78-2	-0.65	-1.87	-0.79	-1.10		ppb
Silicon	28-1	-3.95	-4.16	-3.71	-3.94		ppb
Silver	107-1	0.01	0.01	0.03	0.02	84.50	ppb
Silver	109-1	0.01	0.01	0.02	0.01	62.11	ppb
Sodium	23-2	18.25	16.43	17.55	17.41	5.27	ppb
Strontium	86-1	-0.21	-0.53	0.26	-0.16		ppb
Strontium	88-1	-0.08	-0.11	0.70	0.17	271.59	ppb
Sulfur	34-1	-400.91	-460.15	-402.12	-421.06		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.04	0.05	2.52	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	4.21	ppb
Tin	118-1	-0.03	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	381.56	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:03:58	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	187.42	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	25.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.14	-0.10	-0.16	-0.13		ppb
Zirconium	90-1	0.01	0.00	0.09	0.03	143.89	ppb
Zirconium	91-1	0.00	0.02	0.13	0.05	146.16	ppb

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.46	39.38	40.55	39.46	2.65	ppb
Antimony	121-1	4.17	4.26	4.21	4.21	0.96	ppb
Arsenic	75-2	2.42	2.29	2.21	2.31	4.52	ppb
Barium	135-1	19.58	20.40	19.96	19.98	2.05	ppb
Barium	137-1	20.06	20.52	20.39	20.32	1.17	ppb
Beryllium	9-1	2.19	2.22	2.08	2.16	3.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	2.18	2.24	2.16	3.93	ppb
Cadmium	106-1	2.02	0.97	1.49	1.49	35.19	ppb
Cadmium	111-1	2.21	2.15	2.11	2.16	2.21	ppb
Calcium	43-1	1069.70	1096.96	1112.99	1093.22	2.00	ppb
Calcium	44-1	1075.70	1093.77	1094.49	1087.99	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.06	4.02	4.08	4.05	0.77	ppb
Cobalt	59-2	2.15	2.13	2.18	2.15	1.11	ppb
Copper	63-2	4.26	4.38	4.37	4.34	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	427.10	433.39	435.78	432.09	1.04	ppb
Iron	57-2	447.25	443.15	443.41	444.61	0.52	ppb
Iron	54-2	448.10	450.56	448.80	449.15	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.97	2.06	2.06	2.03	2.41	ppb
Lead	207-1	1.95	1.95	2.03	1.98	2.41	ppb
Lead	208-1	1.97	2.01	2.02	2.00	1.43	ppb
Lithium	6-1				105		%
Magnesium	24-2	945.37	951.69	947.93	948.33	0.34	ppb
Manganese	55-2	2.12	2.18	2.05	2.11	3.09	ppb
Molybdenum	94-1	11.76	12.07	12.07	11.97	1.52	ppb
Molybdenum	95-1	9.83	10.22	10.21	10.09	2.15	ppb
Molybdenum	96-1	9.99	10.37	10.45	10.27	2.35	ppb
Molybdenum	97-1	9.84	10.38	10.45	10.22	3.27	ppb
Molybdenum	98-1	9.96	10.18	10.15	10.10	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.28	2.16	2.20	2.22	2.71	ppb
Phosphorus	31-2	32.69	34.28	32.38	33.12	3.08	ppb
Potassium	39-2	1049.20	1056.65	1052.35	1052.74	0.36	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	10.78	9.93	10.14	10.28	4.29	ppb
Selenium	77-2	12.20	11.82	11.97	12.00	1.59	ppb
Selenium	78-2	9.48	9.99	9.79	9.76	2.65	ppb
Silicon	28-1	-0.12	0.33	0.54	0.25	134.01	ppb
Silver	107-1	2.14	2.21	2.08	2.14	3.02	ppb
Silver	109-1	2.10	2.12	2.14	2.12	0.96	ppb
Sodium	23-2	978.19	987.70	983.80	983.23	0.49	ppb
Strontium	86-1	49.33	50.20	52.56	50.70	3.29	ppb
Strontium	88-1	50.40	52.27	52.77	51.81	2.41	ppb
Sulfur	34-1	-351.18	-248.39	-194.38	-264.65		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	1.95	2.00	1.97	1.97	1.22	ppb
Thallium	205-1	1.98	2.05	2.04	2.02	1.84	ppb
Tin	118-1	10.59	10.64	10.57	10.60	0.30	ppb
Titanium	47-1	2.36	2.55	2.51	2.47	4.05	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.82	1.84	1.85	1.84	0.83	ppb
Vanadium	51-2	10.53	10.86	10.75	10.71	1.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	10.73	10.57	11.04	10.78	2.25	ppb
Zirconium	90-1	1.95	2.05	2.04	2.01	2.91	ppb
Zirconium	91-1	1.98	2.07	2.09	2.05	2.83	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:10:32	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.02	-0.19	-0.14		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	7.00	ppb
Arsenic	75-2	-0.03	-0.03	-0.02	-0.03		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	27.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.03	0.05	-0.01		ppb
Cadmium	106-1	-0.33	-0.96	-1.05	-0.78		ppb
Cadmium	111-1	-0.02	-0.06	-0.07	-0.05		ppb
Calcium	43-1	-1.17	-1.95	-2.56	-1.89		ppb
Calcium	44-1	-3.28	-3.48	-4.49	-3.75		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.12	-0.11	-0.12	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.06	-0.09	-0.04	-0.02		ppb
Iron	57-2	-1.26	-1.72	-0.60	-1.19		ppb
Iron	54-2	0.69	-0.08	-0.30	0.10	500.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:10:32	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	5.04	ppb
Lead	207-1	0.02	0.01	0.01	0.01	23.91	ppb
Lead	208-1	0.02	0.02	0.02	0.02	8.48	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.63	0.60	0.46	0.56	16.62	ppb
Manganese	55-2	-0.01	0.00	-0.03	-0.01		ppb
Molybdenum	94-1	0.02	0.03	0.01	0.02	50.40	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	29.15	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	261.44	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	62.20	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	67.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.01	-0.02		ppb
Phosphorus	31-2	-18.95	-18.52	-17.43	-18.30		ppb
Potassium	39-2	-1.88	-2.39	-2.96	-2.41		ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.01	-0.60	-0.27	-0.29		ppb
Selenium	77-2	-0.10	0.05	-0.10	-0.05		ppb
Selenium	78-2	-0.24	-1.00	-1.73	-0.99		ppb
Silicon	28-1	-3.82	-3.61	-3.56	-3.66		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.51	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.22	ppb
Sodium	23-2	8.39	7.46	8.05	7.97	5.96	ppb
Strontium	86-1	-0.26	-0.44	-0.32	-0.34		ppb
Strontium	88-1	-0.09	-0.08	-0.09	-0.09		ppb
Sulfur	34-1	-255.79	-253.74	-287.41	-265.65		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.03	0.03	12.07	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	8.94	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb
Titanium	47-1	-0.03	-0.02	-0.02	-0.02		ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:10:32	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	122.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.17	0.19	0.24	0.20	18.63	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	193.98	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	40.19	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:13:50	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.68	40.80	40.95	40.81	0.32	ppb
Antimony	121-1	4.16	4.29	4.35	4.27	2.19	ppb
Arsenic	75-2	2.35	2.11	2.19	2.22	5.66	ppb
Barium	135-1	20.38	20.69	20.54	20.53	0.75	ppb
Barium	137-1	20.55	20.65	21.03	20.74	1.23	ppb
Beryllium	9-1	2.17	2.26	2.09	2.17	3.89	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.32	2.17	2.29	2.26	3.44	ppb
Cadmium	106-1	1.76	0.51	1.81	1.36	54.33	ppb
Cadmium	111-1	2.12	2.10	2.18	2.13	1.85	ppb
Calcium	43-1	1112.98	1106.09	1112.13	1110.40	0.34	ppb
Calcium	44-1	1086.07	1100.84	1089.56	1092.16	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.12	4.11	4.07	4.10	0.66	ppb
Cobalt	59-2	2.22	2.14	2.24	2.20	2.24	ppb
Copper	63-2	4.39	4.35	4.34	4.36	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				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	438.63	432.61	434.06	435.10	0.72	ppb
Iron	57-2	444.42	444.43	449.77	446.21	0.69	ppb
Iron	54-2	457.30	452.04	453.04	454.12	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:13:50	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.01	2.04	2.06	2.04	1.27	ppb
Lead	207-1	1.97	2.00	2.05	2.00	1.86	ppb
Lead	208-1	2.00	2.03	2.06	2.03	1.51	ppb
Lithium	6-1				106		%
Magnesium	24-2	963.76	955.84	962.74	960.78	0.45	ppb
Manganese	55-2	2.19	2.15	2.14	2.16	1.17	ppb
Molybdenum	94-1	11.89	12.10	12.10	12.03	0.98	ppb
Molybdenum	95-1	10.33	10.43	10.47	10.41	0.69	ppb
Molybdenum	96-1	10.38	10.33	10.61	10.44	1.42	ppb
Molybdenum	97-1	10.14	10.33	10.32	10.27	1.07	ppb
Molybdenum	98-1	10.16	10.26	10.36	10.26	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.15	2.06	2.14	3.49	ppb
Phosphorus	31-2	40.39	41.58	27.62	36.53	21.19	ppb
Potassium	39-2	1068.89	1059.90	1067.55	1065.45	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	10.46	9.93	10.55	10.31	3.27	ppb
Selenium	77-2	12.06	8.94	10.98	10.66	14.88	ppb
Selenium	78-2	9.70	12.64	8.92	10.42	18.82	ppb
Silicon	28-1	-0.41	0.27	0.14	0.00	82294.04	ppb
Silver	107-1	2.12	2.18	2.21	2.17	2.05	ppb
Silver	109-1	2.13	2.19	2.23	2.18	2.48	ppb
Sodium	23-2	985.61	980.50	987.04	984.38	0.35	ppb
Strontium	86-1	51.67	50.97	49.92	50.85	1.74	ppb
Strontium	88-1	51.67	51.64	53.43	52.25	1.96	ppb
Sulfur	34-1	-305.04	-191.37	-237.54	-244.65		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.99	2.00	2.05	2.01	1.57	ppb
Thallium	205-1	1.98	2.01	2.10	2.03	3.20	ppb
Tin	118-1	10.68	10.73	10.91	10.77	1.12	ppb
Titanium	47-1	2.51	2.41	2.55	2.49	2.90	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:13:50	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.87	1.88	1.91	1.89	1.24	ppb
Vanadium	51-2	10.72	10.74	10.72	10.73	0.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	11.35	10.70	11.06	11.04	2.92	ppb
Zirconium	90-1	2.03	2.06	2.07	2.05	1.00	ppb
Zirconium	91-1	2.04	1.99	2.17	2.07	4.63	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BL	Instrumnet Name :	P7
Client Sample ID :	PBS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:17:05	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	1.83	1.73	1.83	5.64	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	23.78	ppb
Arsenic	75-2	0.00	-0.01	-0.03	-0.01		ppb
Barium	135-1	0.01	0.00	0.00	0.00	499.95	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	7.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	-0.02	-0.01		ppb
Cadmium	106-1	-0.36	-0.53	-1.24	-0.71		ppb
Cadmium	111-1	-0.03	-0.03	-0.09	-0.05		ppb
Calcium	43-1	-0.21	-2.78	-2.92	-1.97		ppb
Calcium	44-1	-3.48	-3.31	-2.94	-3.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	-0.04	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.11	-0.11	-0.11	-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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.04	-0.09	0.09	0.01	656.46	ppb
Iron	57-2	-0.17	-0.16	-1.12	-0.48		ppb
Iron	54-2	0.52	-0.34	0.82	0.33	181.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BL	Instrumnet Name :	P7
Client Sample ID :	PBS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:17:05	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.01	0.01	49.35	ppb
Lead	207-1	0.01	0.01	0.00	0.01	78.25	ppb
Lead	208-1	0.02	0.01	0.01	0.01	15.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.66	0.53	0.59	0.59	11.08	ppb
Manganese	55-2	-0.03	0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.02	0.01	0.02	34.11	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	11.57	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	220.29	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.01	68.72	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	22.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	0.00	-0.02		ppb
Phosphorus	31-2	-18.13	-20.83	-20.76	-19.91		ppb
Potassium	39-2	-0.98	-3.11	-2.46	-2.18		ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.14	-0.04	-0.28	-0.16		ppb
Selenium	77-2	0.05	-0.10	-0.10	-0.05		ppb
Selenium	78-2	-0.22	-0.40	-0.24	-0.29		ppb
Silicon	28-1	-3.22	-3.13	-3.01	-3.12		ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.32	ppb
Sodium	23-2	5.98	5.74	5.49	5.74	4.26	ppb
Strontium	86-1	-0.56	-0.91	-0.39	-0.62		ppb
Strontium	88-1	-0.09	-0.14	-0.09	-0.10		ppb
Sulfur	34-1	-245.19	-203.15	-171.08	-206.47		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.02	0.02	0.02	5.90	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.73	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.00	-0.04	-0.01	-0.02		ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BL	Instrumnet Name :	P7
Client Sample ID :	PBS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:17:05	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	60.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	-0.10	-0.11	-0.12	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	49.80	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	89.01	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BS	Instrumnet Name :	P7
Client Sample ID :	LCS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:20:23	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.22	40.48	38.25	39.32	2.85	ppb
Antimony	121-1	4.23	4.35	4.31	4.30	1.44	ppb
Arsenic	75-2	2.27	2.07	2.22	2.19	4.66	ppb
Barium	135-1	20.22	20.70	20.47	20.46	1.17	ppb
Barium	137-1	20.64	20.90	20.76	20.77	0.62	ppb
Beryllium	9-1	2.11	2.14	2.26	2.17	3.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.37	1.88	2.00	2.08	12.15	ppb
Cadmium	106-1	0.99	0.90	1.52	1.13	29.53	ppb
Cadmium	111-1	2.13	2.19	2.23	2.18	2.23	ppb
Calcium	43-1	1085.07	1098.94	1102.51	1095.51	0.84	ppb
Calcium	44-1	1084.57	1089.18	1105.01	1092.92	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.13	4.10	4.04	4.09	1.20	ppb
Cobalt	59-2	2.19	2.21	2.20	2.20	0.37	ppb
Copper	63-2	4.39	4.41	4.29	4.36	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	437.26	445.73	431.22	438.07	1.66	ppb
Iron	57-2	446.53	449.32	441.90	445.92	0.84	ppb
Iron	54-2	455.09	451.48	447.78	451.45	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BS	Instrumnet Name :	P7
Client Sample ID :	LCS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:20:23	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.01	2.08	2.08	2.05	1.97	ppb
Lead	207-1	1.99	2.00	2.04	2.01	1.24	ppb
Lead	208-1	1.99	2.03	2.06	2.03	1.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	957.64	960.05	950.89	956.19	0.50	ppb
Manganese	55-2	2.15	2.08	2.12	2.12	1.84	ppb
Molybdenum	94-1	12.08	12.14	12.21	12.15	0.53	ppb
Molybdenum	95-1	10.26	10.31	10.25	10.27	0.34	ppb
Molybdenum	96-1	10.46	10.72	10.49	10.56	1.35	ppb
Molybdenum	97-1	10.18	10.42	10.24	10.28	1.20	ppb
Molybdenum	98-1	10.18	10.23	10.23	10.21	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.21	2.32	2.27	2.33	ppb
Phosphorus	31-2	35.23	40.07	34.22	36.51	8.57	ppb
Potassium	39-2	1070.54	1069.21	1064.76	1068.17	0.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	10.85	10.82	11.54	11.07	3.69	ppb
Selenium	77-2	10.34	11.07	9.15	10.19	9.51	ppb
Selenium	78-2	9.24	10.29	10.52	10.02	6.80	ppb
Silicon	28-1	1.24	1.26	1.70	1.40	18.43	ppb
Silver	107-1	2.19	2.21	2.21	2.20	0.71	ppb
Silver	109-1	2.14	2.26	2.23	2.21	2.79	ppb
Sodium	23-2	990.02	983.82	976.16	983.33	0.71	ppb
Strontium	86-1	50.38	52.00	51.88	51.42	1.75	ppb
Strontium	88-1	52.34	52.19	52.32	52.28	0.15	ppb
Sulfur	34-1	-154.44	-153.50	-116.53	-141.49		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	2.03	2.07	2.09	2.06	1.38	ppb
Thallium	205-1	2.00	2.03	2.11	2.05	2.85	ppb
Tin	118-1	10.65	10.74	10.93	10.77	1.32	ppb
Titanium	47-1	2.45	2.51	2.52	2.49	1.51	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BS	Instrumnet Name :	P7
Client Sample ID :	LCS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:20:23	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.83	1.86	1.89	1.86	1.61	ppb
Vanadium	51-2	10.81	10.56	10.75	10.71	1.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	12.02	12.18	12.23	12.15	0.90	ppb
Zirconium	90-1	2.02	2.06	2.06	2.05	1.09	ppb
Zirconium	91-1	2.07	2.10	2.01	2.06	2.20	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BL	Instrumnet Name :	P7
Client Sample ID :	PBS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:23:41	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.43	0.56	0.57	25.50	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	66.56	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.01	0.00	976.86	ppb
Barium	137-1	0.00	0.00	0.01	0.00	2514.50	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	69.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.06	-0.02		ppb
Cadmium	106-1	-0.63	-1.16	-0.88	-0.89		ppb
Cadmium	111-1	-0.04	-0.08	-0.06	-0.06		ppb
Calcium	43-1	-0.72	-1.04	-0.09	-0.62		ppb
Calcium	44-1	-2.87	-1.89	0.51	-1.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.05	-0.02	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.10	-0.14	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	1.54	1.64	1.60	1.59	3.24	ppb
Iron	57-2	0.98	1.33	1.51	1.27	21.31	ppb
Iron	54-2	1.30	1.66	1.24	1.40	16.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BL	Instrumnet Name :	P7
Client Sample ID :	PBS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:23:41	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.02	0.01	67.21	ppb
Lead	207-1	0.00	0.01	0.02	0.01	95.35	ppb
Lead	208-1	0.01	0.01	0.02	0.01	50.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.41	0.44	0.40	0.42	4.62	ppb
Manganese	55-2	0.03	0.00	0.00	0.01	222.39	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	10.25	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	30.62	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	48.93	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	50.22	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	92.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.03	0.00	0.00	609.44	ppb
Phosphorus	31-2	-16.86	-17.71	-16.51	-17.03		ppb
Potassium	39-2	-2.17	-1.28	-2.41	-1.95		ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	-0.02	0.20	-0.58	-0.13		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.50	-0.02	0.60	0.02	2431.65	ppb
Silicon	28-1	-2.97	-2.64	0.35	-1.75		ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.19	ppb
Silver	109-1	0.02	0.01	0.01	0.01	33.77	ppb
Sodium	23-2	3.17	3.81	3.41	3.46	9.27	ppb
Strontium	86-1	-0.17	-0.74	-0.05	-0.32		ppb
Strontium	88-1	-0.11	-0.09	-0.10	-0.10		ppb
Sulfur	34-1	-215.39	-199.65	442.84	9.27	4052.86	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.03	0.02	0.02	30.38	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	15.02	ppb
Tin	118-1	-0.02	-0.01	0.01	-0.01		ppb
Titanium	47-1	-0.03	-0.01	0.01	-0.01		ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BL	Instrumnet Name :	P7
Client Sample ID :	PBS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:23:41	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	860.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	525.70	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	-0.11	-0.15	-0.14	-0.13		ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	122.77	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	49.90	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BS	Instrumnet Name :	P7
Client Sample ID :	LCS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:27:01	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.47	39.10	39.86	39.81	1.72	ppb
Antimony	121-1	4.13	4.39	4.35	4.29	3.26	ppb
Arsenic	75-2	2.24	2.59	2.32	2.38	7.76	ppb
Barium	135-1	20.07	21.25	21.04	20.79	3.04	ppb
Barium	137-1	20.48	21.10	21.12	20.90	1.74	ppb
Beryllium	9-1	2.11	2.15	2.18	2.15	1.62	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.17	2.11	2.16	1.81	ppb
Cadmium	106-1	1.91	1.92	1.46	1.76	15.12	ppb
Cadmium	111-1	2.14	2.36	2.21	2.23	4.98	ppb
Calcium	43-1	1069.05	1083.36	1087.66	1080.02	0.90	ppb
Calcium	44-1	1073.54	1093.41	1098.19	1088.38	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.15	4.11	4.09	4.12	0.72	ppb
Cobalt	59-2	2.25	2.18	2.24	2.22	1.57	ppb
Copper	63-2	4.36	4.26	4.34	4.32	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	433.12	441.28	444.30	439.57	1.32	ppb
Iron	57-2	449.61	453.62	450.29	451.18	0.48	ppb
Iron	54-2	452.07	454.27	458.33	454.89	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BS	Instrumnet Name :	P7
Client Sample ID :	LCS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:27:01	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.98	2.09	2.10	2.05	3.20	ppb
Lead	207-1	1.96	2.05	1.99	2.00	2.34	ppb
Lead	208-1	1.96	2.03	2.04	2.01	2.28	ppb
Lithium	6-1				106		%
Magnesium	24-2	956.20	954.61	958.85	956.56	0.22	ppb
Manganese	55-2	2.19	2.15	2.20	2.18	1.37	ppb
Molybdenum	94-1	12.06	12.21	12.07	12.11	0.70	ppb
Molybdenum	95-1	10.15	10.37	10.53	10.35	1.84	ppb
Molybdenum	96-1	10.31	10.35	10.44	10.37	0.67	ppb
Molybdenum	97-1	10.16	10.41	10.47	10.35	1.61	ppb
Molybdenum	98-1	10.08	10.44	10.25	10.26	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.18	2.10	2.21	6.25	ppb
Phosphorus	31-2	36.25	38.28	39.58	38.04	4.42	ppb
Potassium	39-2	1065.52	1063.04	1071.41	1066.66	0.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	10.39	10.02	10.55	10.32	2.61	ppb
Selenium	77-2	12.05	10.07	10.89	11.01	9.05	ppb
Selenium	78-2	11.32	11.63	12.70	11.88	6.12	ppb
Silicon	28-1	1.05	1.19	1.48	1.24	17.53	ppb
Silver	107-1	2.11	2.27	2.27	2.22	4.05	ppb
Silver	109-1	2.08	2.28	2.25	2.20	4.90	ppb
Sodium	23-2	979.24	973.51	985.00	979.25	0.59	ppb
Strontium	86-1	48.04	50.64	50.13	49.60	2.77	ppb
Strontium	88-1	51.07	52.57	53.25	52.30	2.13	ppb
Sulfur	34-1	-159.64	-135.20	-132.51	-142.45		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.95	2.02	2.06	2.01	2.73	ppb
Thallium	205-1	1.99	2.04	2.08	2.04	2.26	ppb
Tin	118-1	10.62	11.09	10.95	10.89	2.21	ppb
Titanium	47-1	2.55	2.49	2.53	2.52	1.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BS	Instrumnet Name :	P7
Client Sample ID :	LCS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:27:01	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.82	1.86	1.86	1.85	1.45	ppb
Vanadium	51-2	10.52	10.72	10.80	10.68	1.33	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	11.07	10.96	10.88	10.97	0.90	ppb
Zirconium	90-1	2.01	2.06	2.07	2.05	1.63	ppb
Zirconium	91-1	1.97	2.00	2.11	2.03	3.51	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:30:19	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9049.48	8977.04	8976.92	9001.15	0.47	ppb
Antimony	121-1	3.70	3.66	3.70	3.69	0.66	ppb
Arsenic	75-2	63.54	64.84	63.26	63.88	1.33	ppb
Barium	135-1	31.16	31.41	31.47	31.35	0.53	ppb
Barium	137-1	31.46	32.40	31.97	31.94	1.47	ppb
Beryllium	9-1	0.23	0.24	0.27	0.25	7.36	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.71	0.72	0.68	0.70	3.00	ppb
Cadmium	106-1	-0.03	-0.01	-0.30	-0.11		ppb
Cadmium	111-1	0.55	0.54	0.48	0.52	6.48	ppb
Calcium	43-1	3281.54	3247.78	3275.69	3268.34	0.55	ppb
Calcium	44-1	3138.85	3155.69	3166.45	3153.66	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.27	19.71	19.39	19.46	1.16	ppb
Cobalt	59-2	7.41	7.47	7.37	7.42	0.68	ppb
Copper	63-2	631.52	631.52	630.71	631.25	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				109		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	15841.32	15749.59	15733.66	15774.86	0.37	ppb
Iron	57-2	15725.45	15733.18	15557.20	15671.94	0.63	ppb
Iron	54-2	16093.45	16123.18	15996.23	16070.95	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:30:19	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	102.32	99.35	102.99	101.56	1.91	ppb
Lead	207-1	99.75	97.77	100.26	99.26	1.33	ppb
Lead	208-1	101.24	99.75	100.80	100.60	0.76	ppb
Lithium	6-1				108		%
Magnesium	24-2	3853.81	3864.97	3812.37	3843.72	0.72	ppb
Manganese	55-2	183.85	184.66	182.43	183.64	0.62	ppb
Molybdenum	94-1	6.21	7.07	6.28	6.52	7.28	ppb
Molybdenum	95-1	1.01	1.05	1.04	1.04	2.10	ppb
Molybdenum	96-1	1.66	1.69	1.73	1.70	2.15	ppb
Molybdenum	97-1	1.00	1.08	1.06	1.05	4.05	ppb
Molybdenum	98-1	1.01	1.01	1.02	1.01	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.79	24.64	24.38	24.60	0.84	ppb
Phosphorus	31-2	935.50	942.56	958.41	945.49	1.24	ppb
Potassium	39-2	1212.51	1216.90	1205.73	1211.72	0.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.06	0.40	0.74	0.40	85.46	ppb
Selenium	77-2	4.55	4.19	4.49	4.41	4.43	ppb
Selenium	78-2	2.19	0.05	1.00	1.08	98.93	ppb
Silicon	28-1	262.27	264.79	265.47	264.17	0.64	ppb
Silver	107-1	1.17	1.16	1.12	1.15	2.32	ppb
Silver	109-1	1.17	1.12	1.11	1.13	3.03	ppb
Sodium	23-2	4582.28	4657.91	4631.72	4623.97	0.83	ppb
Strontium	86-1	701.72	706.41	711.15	706.43	0.67	ppb
Strontium	88-1	707.19	707.61	705.93	706.91	0.12	ppb
Sulfur	34-1	321.45	266.05	139.79	242.43	38.40	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.19	0.19	0.20	12.32	ppb
Thallium	205-1	0.21	0.19	0.19	0.20	6.55	ppb
Tin	118-1	2.71	2.73	2.74	2.73	0.48	ppb
Titanium	47-1	510.23	515.21	508.87	511.44	0.65	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:30:19	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	0.97	1.02	1.00	2.57	ppb
Vanadium	51-2	45.13	44.95	44.77	44.95	0.40	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	96.33	96.33	94.58	95.75	1.06	ppb
Zirconium	90-1	2.98	3.02	3.02	3.01	0.80	ppb
Zirconium	91-1	3.08	2.95	3.00	3.01	2.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:33:29	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5558.68	5652.04	5656.32	5622.35	0.98	ppb
Antimony	121-1	5.27	4.69	4.85	4.94	6.05	ppb
Arsenic	75-2	25.35	25.43	25.20	25.32	0.47	ppb
Barium	135-1	23.66	21.18	22.05	22.29	5.66	ppb
Barium	137-1	24.23	21.18	22.35	22.59	6.80	ppb
Beryllium	9-1	0.15	0.14	0.10	0.13	20.05	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.73	0.46	0.68	0.62	23.41	ppb
Cadmium	106-1	-0.21	-1.26	-0.58	-0.68		ppb
Cadmium	111-1	0.54	0.42	0.46	0.47	12.88	ppb
Calcium	43-1	4803.25	4323.27	4360.62	4495.71	5.94	ppb
Calcium	44-1	4598.71	4075.07	4187.76	4287.18	6.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.58	22.33	22.41	22.44	0.57	ppb
Cobalt	59-2	6.48	6.49	6.57	6.51	0.73	ppb
Copper	63-2	357.08	356.50	352.30	355.29	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				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	11394.29	11394.52	11281.48	11356.76	0.57	ppb
Iron	57-2	11181.64	11271.78	11233.82	11229.08	0.40	ppb
Iron	54-2	11654.61	11419.73	11417.42	11497.25	1.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:33:29	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.69	44.95	47.08	47.57	6.11	ppb
Lead	207-1	50.71	45.16	46.64	47.51	6.06	ppb
Lead	208-1	50.30	44.96	46.64	47.30	5.76	ppb
Lithium	6-1				106		%
Magnesium	24-2	3832.23	3789.41	3783.28	3801.64	0.70	ppb
Manganese	55-2	110.67	110.28	110.13	110.36	0.25	ppb
Molybdenum	94-1	7.41	6.54	6.74	6.90	6.60	ppb
Molybdenum	95-1	2.98	2.65	2.69	2.78	6.38	ppb
Molybdenum	96-1	3.48	3.17	3.17	3.27	5.50	ppb
Molybdenum	97-1	2.96	2.65	2.65	2.75	6.45	ppb
Molybdenum	98-1	2.90	2.60	2.66	2.72	5.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.49	18.26	18.37	18.37	0.61	ppb
Phosphorus	31-2	794.90	843.55	840.69	826.38	3.30	ppb
Potassium	39-2	1173.71	1172.45	1172.87	1173.01	0.05	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.62	0.32	-0.22	0.24	179.39	ppb
Selenium	77-2	2.45	2.13	3.46	2.68	25.84	ppb
Selenium	78-2	0.84	0.52	-0.23	0.38	146.58	ppb
Silicon	28-1	312.19	278.64	280.71	290.52	6.47	ppb
Silver	107-1	0.77	0.69	0.71	0.72	5.53	ppb
Silver	109-1	0.77	0.68	0.69	0.71	6.72	ppb
Sodium	23-2	6798.55	6670.90	6746.12	6738.52	0.95	ppb
Strontium	86-1	882.63	779.50	800.21	820.78	6.65	ppb
Strontium	88-1	882.69	785.66	801.28	823.21	6.33	ppb
Sulfur	34-1	3214.27	2418.97	2544.46	2725.90	15.69	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.34	0.33	0.34	0.34	0.88	ppb
Thallium	205-1	0.37	0.32	0.34	0.34	7.27	ppb
Tin	118-1	3.34	2.96	3.16	3.15	6.13	ppb
Titanium	47-1	468.91	424.54	430.23	441.23	5.47	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:33:29	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.36	2.08	2.17	2.20	6.63	ppb
Vanadium	51-2	23.74	23.47	23.59	23.60	0.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	123.92	123.97	124.39	124.09	0.21	ppb
Zirconium	90-1	2.73	2.43	2.51	2.56	6.11	ppb
Zirconium	91-1	2.80	2.44	2.52	2.59	7.38	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:36:36	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5530.91	5616.28	5663.29	5603.49	1.20	ppb
Antimony	121-1	4.88	4.92	4.85	4.88	0.73	ppb
Arsenic	75-2	25.41	25.21	26.29	25.64	2.23	ppb
Barium	135-1	21.90	21.92	21.95	21.92	0.13	ppb
Barium	137-1	22.06	22.34	22.41	22.27	0.84	ppb
Beryllium	9-1	0.16	0.12	0.17	0.15	15.96	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.62	0.76	0.69	10.12	ppb
Cadmium	106-1	-1.50	-0.86	-1.01	-1.12		ppb
Cadmium	111-1	0.39	0.46	0.41	0.42	8.33	ppb
Calcium	43-1	4410.02	4427.06	4440.49	4425.86	0.35	ppb
Calcium	44-1	4236.56	4207.22	4298.61	4247.46	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.43	22.48	22.70	22.53	0.63	ppb
Cobalt	59-2	6.48	6.63	6.64	6.58	1.32	ppb
Copper	63-2	358.55	355.22	355.45	356.41	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				112		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	11342.26	11391.17	11413.50	11382.31	0.32	ppb
Iron	57-2	11351.87	11372.92	11352.74	11359.18	0.10	ppb
Iron	54-2	11309.96	11477.49	11510.82	11432.76	0.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:36:36	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.36	47.09	47.47	47.31	0.41	ppb
Lead	207-1	46.56	46.65	47.00	46.74	0.50	ppb
Lead	208-1	46.76	46.68	46.80	46.75	0.13	ppb
Lithium	6-1				107		%
Magnesium	24-2	3851.61	3792.31	3785.96	3809.96	0.95	ppb
Manganese	55-2	109.29	110.76	111.93	110.66	1.19	ppb
Molybdenum	94-1	6.71	6.86	6.79	6.79	1.07	ppb
Molybdenum	95-1	2.74	2.74	2.72	2.73	0.41	ppb
Molybdenum	96-1	3.22	3.25	3.22	3.23	0.48	ppb
Molybdenum	97-1	2.71	2.66	2.76	2.71	1.85	ppb
Molybdenum	98-1	2.71	2.63	2.71	2.68	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.40	18.82	18.43	18.55	1.26	ppb
Phosphorus	31-2	861.69	848.19	832.55	847.48	1.72	ppb
Potassium	39-2	1174.19	1171.33	1183.66	1176.39	0.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.29	0.21	0.37	0.29	26.83	ppb
Selenium	77-2	3.76	4.46	2.97	3.73	19.95	ppb
Selenium	78-2	1.89	0.02	0.24	0.72	142.65	ppb
Silicon	28-1	280.82	280.18	284.32	281.77	0.79	ppb
Silver	107-1	0.67	0.70	0.70	0.69	2.61	ppb
Silver	109-1	0.70	0.71	0.71	0.71	0.89	ppb
Sodium	23-2	6690.12	6567.19	6746.09	6667.80	1.37	ppb
Strontium	86-1	797.42	807.72	807.92	804.35	0.75	ppb
Strontium	88-1	802.21	812.68	812.39	809.09	0.74	ppb
Sulfur	34-1	2436.57	2500.60	2577.68	2504.95	2.82	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.31	0.33	0.33	0.32	2.82	ppb
Thallium	205-1	0.32	0.33	0.34	0.33	2.34	ppb
Tin	118-1	3.24	3.12	3.21	3.19	1.83	ppb
Titanium	47-1	431.31	431.89	436.03	433.08	0.59	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:36:36	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.18	2.15	2.21	2.18	1.37	ppb
Vanadium	51-2	23.81	23.72	23.52	23.68	0.63	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	124.57	124.42	126.64	125.21	0.99	ppb
Zirconium	90-1	2.53	2.57	2.53	2.55	0.86	ppb
Zirconium	91-1	2.53	2.55	2.50	2.53	0.80	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:39:45	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1110.81	1121.17	1097.71	1109.90	1.06	ppb
Antimony	121-1	0.94	0.97	0.98	0.96	2.18	ppb
Arsenic	75-2	5.12	5.22	5.01	5.11	2.06	ppb
Barium	135-1	4.17	4.31	4.49	4.32	3.80	ppb
Barium	137-1	4.34	4.46	4.53	4.44	2.22	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	28.16	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.07	0.01	0.12	117.22	ppb
Cadmium	106-1	-2.15	-1.67	-2.25	-2.02		ppb
Cadmium	111-1	-0.05	-0.03	-0.04	-0.04		ppb
Calcium	43-1	865.57	891.28	913.61	890.16	2.70	ppb
Calcium	44-1	850.61	887.47	895.10	877.73	2.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.59	4.72	4.51	4.61	2.22	ppb
Cobalt	59-2	1.31	1.33	1.34	1.33	1.04	ppb
Copper	63-2	72.17	73.31	71.65	72.38	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	2322.18	2340.71	2294.45	2319.11	1.00	ppb
Iron	57-2	2396.32	2387.04	2350.48	2377.95	1.02	ppb
Iron	54-2	2415.45	2424.76	2367.90	2402.70	1.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:39:45	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.08	9.45	9.75	9.42	3.56	ppb
Lead	207-1	9.16	9.39	9.63	9.39	2.48	ppb
Lead	208-1	9.10	9.39	9.53	9.34	2.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	749.24	750.28	738.76	746.09	0.85	ppb
Manganese	55-2	22.73	22.84	22.28	22.62	1.30	ppb
Molybdenum	94-1	1.28	1.42	1.33	1.34	5.55	ppb
Molybdenum	95-1	0.52	0.58	0.58	0.56	6.69	ppb
Molybdenum	96-1	0.64	0.68	0.64	0.65	4.18	ppb
Molybdenum	97-1	0.53	0.54	0.53	0.53	1.62	ppb
Molybdenum	98-1	0.52	0.53	0.56	0.54	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.65	3.81	3.77	3.74	2.23	ppb
Phosphorus	31-2	149.77	159.29	156.38	155.15	3.15	ppb
Potassium	39-2	236.37	238.38	233.59	236.12	1.02	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.64	-0.40	0.16	-0.29		ppb
Selenium	77-2	0.20	0.82	0.81	0.61	57.84	ppb
Selenium	78-2	-1.05	-0.89	0.18	-0.59		ppb
Silicon	28-1	55.69	59.93	59.76	58.46	4.10	ppb
Silver	107-1	0.13	0.13	0.14	0.14	4.53	ppb
Silver	109-1	0.14	0.15	0.15	0.15	5.81	ppb
Sodium	23-2	1318.93	1322.00	1288.24	1309.72	1.43	ppb
Strontium	86-1	153.87	164.27	164.95	161.03	3.86	ppb
Strontium	88-1	158.13	163.24	167.26	162.88	2.81	ppb
Sulfur	34-1	-578.40	-410.48	-418.82	-469.23		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.08	0.09	0.08	8.32	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	4.06	ppb
Tin	118-1	0.63	0.69	0.64	0.65	4.70	ppb
Titanium	47-1	83.41	87.80	87.61	86.27	2.88	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:39:45	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.44	0.43	2.70	ppb
Vanadium	51-2	4.79	4.83	4.75	4.79	0.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	25.06	25.57	25.01	25.21	1.22	ppb
Zirconium	90-1	0.48	0.50	0.50	0.50	2.53	ppb
Zirconium	91-1	0.49	0.51	0.50	0.50	2.68	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:42:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5941.26	6019.92	5957.08	5972.75	0.70	ppb
Antimony	121-1	26.23	26.40	26.69	26.44	0.88	ppb
Arsenic	75-2	33.28	33.72	33.86	33.62	0.90	ppb
Barium	135-1	440.32	435.03	436.18	437.18	0.64	ppb
Barium	137-1	439.80	438.19	449.85	442.61	1.43	ppb
Beryllium	9-1	10.41	10.52	10.45	10.46	0.49	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.36	10.31	10.52	10.40	1.04	ppb
Cadmium	106-1	8.85	8.19	8.98	8.68	4.91	ppb
Cadmium	111-1	11.43	11.45	11.69	11.52	1.24	ppb
Calcium	43-1	4413.24	4362.27	4403.57	4393.02	0.62	ppb
Calcium	44-1	4176.82	4179.92	4188.10	4181.61	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.05	65.83	64.58	65.15	0.97	ppb
Cobalt	59-2	115.71	116.98	115.84	116.18	0.60	ppb
Copper	63-2	403.11	411.80	406.47	407.13	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				113		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	11443.53	11676.22	11467.21	11528.99	1.11	ppb
Iron	57-2	11213.06	11389.41	11237.02	11279.83	0.85	ppb
Iron	54-2	11635.51	11758.48	11396.00	11596.67	1.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:42:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.07	51.43	51.41	51.30	0.39	ppb
Lead	207-1	50.47	51.23	50.92	50.87	0.76	ppb
Lead	208-1	50.37	50.88	50.73	50.66	0.52	ppb
Lithium	6-1				106		%
Magnesium	24-2	3820.44	3781.54	3767.53	3789.84	0.72	ppb
Manganese	55-2	214.11	215.71	212.63	214.15	0.72	ppb
Molybdenum	94-1	6.68	6.72	6.74	6.71	0.43	ppb
Molybdenum	95-1	2.73	2.70	2.72	2.72	0.46	ppb
Molybdenum	96-1	3.25	3.18	3.22	3.22	1.05	ppb
Molybdenum	97-1	2.65	2.70	2.74	2.70	1.69	ppb
Molybdenum	98-1	2.67	2.65	2.70	2.67	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.01	129.83	128.88	129.24	0.40	ppb
Phosphorus	31-2	847.26	848.33	824.16	839.92	1.63	ppb
Potassium	39-2	1160.19	1171.85	1157.71	1163.25	0.65	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	22.57	22.36	22.80	22.58	0.96	ppb
Selenium	77-2	26.06	25.53	32.01	27.87	12.91	ppb
Selenium	78-2	23.26	23.72	23.93	23.63	1.45	ppb
Silicon	28-1	283.03	277.27	278.80	279.70	1.07	ppb
Silver	107-1	11.61	11.89	11.95	11.82	1.51	ppb
Silver	109-1	11.71	11.83	12.01	11.85	1.30	ppb
Sodium	23-2	6548.77	6615.25	6607.97	6590.66	0.55	ppb
Strontium	86-1	791.07	800.69	804.82	798.86	0.88	ppb
Strontium	88-1	800.16	798.00	806.07	801.41	0.52	ppb
Sulfur	34-1	2433.15	2387.45	2419.90	2413.50	0.97	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	10.49	10.54	10.48	10.50	0.29	ppb
Thallium	205-1	10.45	10.49	10.41	10.45	0.36	ppb
Tin	118-1	3.13	3.07	3.09	3.10	1.02	ppb
Titanium	47-1	429.23	425.36	428.13	427.57	0.47	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:42:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.18	2.21	2.21	2.20	0.89	ppb
Vanadium	51-2	128.37	129.72	127.80	128.63	0.77	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	233.67	239.36	233.82	235.62	1.38	ppb
Zirconium	90-1	2.46	2.52	2.52	2.50	1.48	ppb
Zirconium	91-1	2.48	2.50	2.55	2.51	1.39	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:46:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9925.02	9767.51	9674.32	9788.95	1.29	ppb
Antimony	121-1	71.21	72.88	73.37	72.49	1.56	ppb
Arsenic	75-2	394.89	391.04	395.02	393.65	0.57	ppb
Barium	135-1	132.56	135.93	135.93	134.81	1.44	ppb
Barium	137-1	134.89	137.24	138.09	136.74	1.21	ppb
Beryllium	9-1	0.28	0.30	0.27	0.28	6.11	ppb
Bismuth	209-1				119		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.39	3.09	3.16	2.88	14.71	ppb
Cadmium	106-1	1.38	1.87	1.36	1.54	18.86	ppb
Cadmium	111-1	2.28	2.33	2.28	2.30	1.38	ppb
Calcium	43-1	6279.32	6319.01	6308.78	6302.37	0.33	ppb
Calcium	44-1	5965.04	6089.06	6038.32	6030.81	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.37	35.79	35.73	35.97	0.99	ppb
Cobalt	59-2	33.85	33.60	33.57	33.67	0.47	ppb
Copper	63-2	5603.46	5499.47	5522.59	5541.84	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	38135.49	37816.47	37714.64	37888.87	0.58	ppb
Iron	57-2	37239.92	36798.17	36317.80	36785.29	1.25	ppb
Iron	54-2	38263.39	37789.68	37844.13	37965.73	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:46:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	541.20	549.14	543.66	544.67	0.75	ppb
Lead	207-1	532.02	541.50	534.89	536.13	0.91	ppb
Lead	208-1	536.53	543.52	537.50	539.18	0.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	6453.52	6279.92	6379.87	6371.10	1.37	ppb
Manganese	55-2	233.09	230.05	231.45	231.53	0.66	ppb
Molybdenum	94-1	14.34	14.52	14.42	14.43	0.61	ppb
Molybdenum	95-1	9.33	9.50	9.43	9.42	0.92	ppb
Molybdenum	96-1	10.23	10.20	10.08	10.17	0.81	ppb
Molybdenum	97-1	9.46	9.54	9.54	9.52	0.49	ppb
Molybdenum	98-1	9.41	9.40	9.53	9.45	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.45	35.05	35.25	35.25	0.57	ppb
Phosphorus	31-2	826.08	825.54	814.20	821.94	0.82	ppb
Potassium	39-2	2442.12	2388.21	2411.72	2414.01	1.12	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	2.39	1.89	1.65	1.98	19.14	ppb
Selenium	77-2	4.89	3.98	4.04	4.31	11.83	ppb
Selenium	78-2	1.43	3.00	2.70	2.38	35.12	ppb
Silicon	28-1	588.35	609.89	589.97	596.07	2.01	ppb
Silver	107-1	11.13	11.44	11.38	11.32	1.45	ppb
Silver	109-1	11.20	11.18	11.38	11.25	0.99	ppb
Sodium	23-2	18561.09	18363.19	18281.76	18402.02	0.78	ppb
Strontium	86-1	1646.27	1628.01	1627.83	1634.04	0.65	ppb
Strontium	88-1	1636.39	1671.51	1624.33	1644.08	1.49	ppb
Sulfur	34-1	15256.67	15460.79	15491.62	15403.03	0.83	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.77	0.76	0.77	0.76	0.58	ppb
Thallium	205-1	0.77	0.77	0.76	0.77	0.88	ppb
Tin	118-1	45.25	45.84	46.44	45.84	1.30	ppb
Titanium	47-1	439.57	450.77	451.38	447.24	1.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:46:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.39	1.40	1.39	1.04	ppb
Vanadium	51-2	42.05	41.29	41.44	41.60	0.97	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	1498.77	1471.11	1481.08	1483.66	0.94	ppb
Zirconium	90-1	3.71	3.85	3.69	3.75	2.37	ppb
Zirconium	91-1	3.75	3.92	3.86	3.84	2.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:49:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10384.12	10532.30	10611.90	10509.44	1.10	ppb
Antimony	121-1	95.37	94.61	95.52	95.17	0.51	ppb
Arsenic	75-2	367.60	373.80	368.83	370.08	0.89	ppb
Barium	135-1	279.09	277.47	283.26	279.94	1.07	ppb
Barium	137-1	283.82	284.67	288.78	285.76	0.93	ppb
Beryllium	9-1	0.28	0.26	0.28	0.27	3.61	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.76	4.28	4.11	4.38	7.75	ppb
Cadmium	106-1	3.53	3.01	2.69	3.08	13.79	ppb
Cadmium	111-1	3.24	3.28	3.34	3.29	1.61	ppb
Calcium	43-1	10452.50	10427.82	10468.61	10449.64	0.20	ppb
Calcium	44-1	10014.26	9904.39	10011.36	9976.67	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.39	32.99	32.74	32.71	0.93	ppb
Cobalt	59-2	66.49	67.71	67.07	67.09	0.91	ppb
Copper	63-2	4254.15	4292.34	4295.70	4280.73	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	49589.91	50343.13	49816.11	49916.38	0.77	ppb
Iron	57-2	48826.55	49376.32	48503.63	48902.16	0.90	ppb
Iron	54-2	49813.12	50416.23	49129.90	49786.41	1.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:49:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	558.05	565.34	566.04	563.14	0.79	ppb
Lead	207-1	548.12	555.56	555.45	553.04	0.77	ppb
Lead	208-1	552.88	554.87	556.52	554.76	0.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	6612.70	6567.77	6637.66	6606.04	0.54	ppb
Manganese	55-2	365.44	365.66	366.35	365.82	0.13	ppb
Molybdenum	94-1	25.55	25.38	25.45	25.46	0.34	ppb
Molybdenum	95-1	13.58	13.48	13.97	13.68	1.91	ppb
Molybdenum	96-1	14.96	15.19	15.46	15.20	1.64	ppb
Molybdenum	97-1	13.68	14.00	13.94	13.87	1.22	ppb
Molybdenum	98-1	13.56	13.56	13.57	13.57	0.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.25	33.17	32.27	32.56	1.62	ppb
Phosphorus	31-2	923.41	911.68	918.62	917.90	0.64	ppb
Potassium	39-2	2473.82	2548.78	2544.45	2522.35	1.67	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	1.79	1.54	1.90	1.74	10.76	ppb
Selenium	77-2	5.75	4.51	5.51	5.26	12.47	ppb
Selenium	78-2	2.02	1.50	1.92	1.81	15.21	ppb
Silicon	28-1	1107.50	1111.45	1115.27	1111.41	0.35	ppb
Silver	107-1	5.84	5.86	5.92	5.87	0.75	ppb
Silver	109-1	5.84	5.84	5.92	5.87	0.79	ppb
Sodium	23-2	11330.31	11407.67	11327.46	11355.15	0.40	ppb
Strontium	86-1	2208.14	2233.72	2233.90	2225.26	0.67	ppb
Strontium	88-1	2266.25	2272.50	2275.43	2271.40	0.21	ppb
Sulfur	34-1	13911.20	14025.71	14033.03	13989.98	0.49	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.51	0.53	0.54	0.53	3.04	ppb
Thallium	205-1	0.52	0.52	0.52	0.52	0.50	ppb
Tin	118-1	35.71	35.62	35.91	35.75	0.42	ppb
Titanium	47-1	568.96	562.67	564.30	565.31	0.58	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:49:11	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.61	3.67	3.61	3.63	0.91	ppb
Vanadium	51-2	42.36	42.98	42.43	42.59	0.80	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	2986.61	2984.24	3010.08	2993.65	0.48	ppb
Zirconium	90-1	7.83	7.93	7.83	7.86	0.75	ppb
Zirconium	91-1	7.86	7.80	8.01	7.89	1.33	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:52:15	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9180.71	9400.61	9277.31	9286.21	1.19	ppb
Antimony	121-1	85.87	87.09	88.52	87.16	1.52	ppb
Arsenic	75-2	416.19	417.97	423.25	419.14	0.88	ppb
Barium	135-1	183.83	185.32	187.51	185.55	1.00	ppb
Barium	137-1	186.02	186.98	190.47	187.82	1.25	ppb
Beryllium	9-1	0.27	0.27	0.30	0.28	5.53	ppb
Bismuth	209-1				118		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.95	3.13	3.10	3.06	3.12	ppb
Cadmium	106-1	1.28	1.47	0.86	1.20	25.77	ppb
Cadmium	111-1	2.45	2.60	2.43	2.49	3.71	ppb
Calcium	43-1	6797.20	6724.02	6820.38	6780.54	0.74	ppb
Calcium	44-1	6483.84	6495.87	6484.94	6488.22	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.86	34.58	33.96	34.14	1.15	ppb
Cobalt	59-2	36.78	37.07	36.69	36.85	0.54	ppb
Copper	63-2	5789.14	5868.15	5809.91	5822.40	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				112		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	37966.60	38222.44	37735.94	37974.99	0.64	ppb
Iron	57-2	37295.12	37663.36	37495.83	37484.77	0.49	ppb
Iron	54-2	37938.43	38414.63	38256.77	38203.28	0.63	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:52:15	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	530.71	522.51	530.28	527.83	0.87	ppb
Lead	207-1	525.53	516.25	517.45	519.74	0.97	ppb
Lead	208-1	523.51	520.55	520.05	521.37	0.36	ppb
Lithium	6-1				105		%
Magnesium	24-2	5686.22	5637.36	5582.91	5635.50	0.92	ppb
Manganese	55-2	239.69	240.08	238.48	239.41	0.35	ppb
Molybdenum	94-1	16.59	16.50	16.90	16.66	1.26	ppb
Molybdenum	95-1	10.67	10.85	10.90	10.81	1.14	ppb
Molybdenum	96-1	11.35	11.70	11.62	11.56	1.56	ppb
Molybdenum	97-1	10.59	10.65	10.82	10.69	1.13	ppb
Molybdenum	98-1	10.44	10.73	10.69	10.62	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.54	30.76	30.69	30.66	0.38	ppb
Phosphorus	31-2	802.38	815.15	842.48	820.01	2.50	ppb
Potassium	39-2	2151.50	2142.63	2120.66	2138.26	0.74	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1.78	1.78	1.83	1.80	1.66	ppb
Selenium	77-2	5.07	5.70	7.56	6.11	21.17	ppb
Selenium	78-2	2.16	3.56	2.30	2.67	28.78	ppb
Silicon	28-1	910.16	904.07	923.82	912.69	1.11	ppb
Silver	107-1	10.29	10.29	10.49	10.35	1.11	ppb
Silver	109-1	10.23	10.38	10.52	10.38	1.41	ppb
Sodium	23-2	13727.73	13798.61	13781.64	13769.33	0.27	ppb
Strontium	86-1	1674.14	1705.52	1700.90	1693.52	1.00	ppb
Strontium	88-1	1695.25	1705.91	1707.58	1702.91	0.39	ppb
Sulfur	34-1	13374.00	13262.77	13376.09	13337.62	0.49	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.76	0.75	0.75	0.75	0.54	ppb
Thallium	205-1	0.77	0.74	0.74	0.75	2.01	ppb
Tin	118-1	48.63	49.20	49.74	49.19	1.12	ppb
Titanium	47-1	455.86	455.13	458.68	456.56	0.41	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:52:15	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.29	1.29	1.29	0.65	ppb
Vanadium	51-2	37.66	37.83	37.96	37.82	0.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	1751.24	1778.62	1790.64	1773.50	1.14	ppb
Zirconium	90-1	4.24	4.32	4.33	4.30	1.17	ppb
Zirconium	91-1	4.42	4.48	4.34	4.41	1.65	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:55:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10290.81	10558.41	10033.55	10294.25	2.55	ppb
Antimony	121-1	83.49	88.09	88.06	86.55	3.06	ppb
Arsenic	75-2	473.71	466.87	456.07	465.55	1.91	ppb
Barium	135-1	176.35	186.41	185.53	182.77	3.05	ppb
Barium	137-1	180.13	189.54	189.47	186.38	2.90	ppb
Beryllium	9-1	0.22	0.27	0.28	0.26	12.18	ppb
Bismuth	209-1				120		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.02	3.13	3.23	3.13	3.40	ppb
Cadmium	106-1	2.00	1.65	1.57	1.74	13.20	ppb
Cadmium	111-1	2.33	2.49	2.43	2.42	3.24	ppb
Calcium	43-1	6453.22	6880.14	6839.62	6724.33	3.50	ppb
Calcium	44-1	6108.45	6504.54	6536.58	6383.19	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.01	38.38	36.66	37.68	2.40	ppb
Cobalt	59-2	41.17	41.34	39.45	40.66	2.57	ppb
Copper	63-2	6596.38	6558.90	6163.09	6439.46	3.73	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				115		%
Holmium	165-2				98		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	56-2	42493.44	43194.10	40753.79	42147.11	2.98	ppb
Iron	57-2	41945.53	42711.36	40188.91	41615.27	3.11	ppb
Iron	54-2	42910.49	43222.58	40418.39	42183.82	3.64	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:55:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	506.41	534.31	534.72	525.15	3.09	ppb
Lead	207-1	502.11	520.77	524.81	515.90	2.35	ppb
Lead	208-1	500.73	526.27	526.24	517.75	2.85	ppb
Lithium	6-1				108		%
Magnesium	24-2	6340.48	6373.42	6062.88	6258.92	2.73	ppb
Manganese	55-2	267.83	271.23	254.36	264.47	3.37	ppb
Molybdenum	94-1	15.79	16.84	16.85	16.49	3.71	ppb
Molybdenum	95-1	10.26	10.83	10.82	10.64	3.04	ppb
Molybdenum	96-1	11.08	11.72	11.81	11.54	3.46	ppb
Molybdenum	97-1	10.01	10.87	10.91	10.60	4.82	ppb
Molybdenum	98-1	10.05	10.87	10.69	10.54	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.76	34.92	32.83	34.17	3.41	ppb
Phosphorus	31-2	912.50	913.84	889.58	905.31	1.51	ppb
Potassium	39-2	2410.69	2440.81	2304.36	2385.28	3.01	ppb
Rhodium	103-1				107		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	82-1	1.64	2.11	1.60	1.78	15.84	ppb
Selenium	77-2	6.07	4.39	5.80	5.42	16.61	ppb
Selenium	78-2	3.16	3.60	2.68	3.15	14.54	ppb
Silicon	28-1	861.16	915.03	912.94	896.38	3.40	ppb
Silver	107-1	9.94	10.32	10.38	10.21	2.33	ppb
Silver	109-1	9.91	10.38	10.44	10.25	2.83	ppb
Sodium	23-2	15335.35	15608.62	14707.22	15217.06	3.04	ppb
Strontium	86-1	1595.54	1721.22	1714.81	1677.19	4.22	ppb
Strontium	88-1	1640.29	1747.51	1714.91	1700.91	3.23	ppb
Sulfur	34-1	12405.28	13654.17	13336.21	13131.89	4.94	ppb
Terbium	159-1				115		%
Terbium	159-2				98		%
Thallium	203-1	0.72	0.73	0.73	0.73	0.78	ppb
Thallium	205-1	0.71	0.75	0.75	0.74	3.13	ppb
Tin	118-1	47.10	49.74	49.88	48.91	3.20	ppb
Titanium	47-1	434.44	462.13	461.21	452.59	3.47	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:55:18	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.22	1.30	1.31	1.28	3.83	ppb
Vanadium	51-2	42.38	42.58	40.28	41.75	3.05	ppb
Yttrium	89-1				111		%
Yttrium	89-2				94		%
Zinc	66-2	2005.25	1976.83	1886.27	1956.12	3.18	ppb
Zirconium	90-1	4.08	4.41	4.35	4.28	4.18	ppb
Zirconium	91-1	4.16	4.48	4.44	4.36	3.96	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:58:23	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1857.08	1850.11	1877.85	1861.68	0.78	ppb
Antimony	121-1	17.61	17.95	17.59	17.72	1.13	ppb
Arsenic	75-2	86.16	87.09	86.43	86.56	0.55	ppb
Barium	135-1	37.26	37.35	37.28	37.30	0.13	ppb
Barium	137-1	38.33	38.12	37.79	38.08	0.72	ppb
Beryllium	9-1	0.06	0.08	0.08	0.08	19.80	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.52	0.74	0.63	0.63	17.88	ppb
Cadmium	106-1	-2.28	-2.10	-1.52	-1.97		ppb
Cadmium	111-1	0.35	0.32	0.38	0.35	8.35	ppb
Calcium	43-1	1357.15	1348.74	1345.12	1350.34	0.46	ppb
Calcium	44-1	1333.53	1353.10	1346.58	1344.40	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.96	6.70	6.92	6.86	2.03	ppb
Cobalt	59-2	7.42	7.54	7.51	7.49	0.86	ppb
Copper	63-2	1178.93	1181.31	1180.80	1180.35	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				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	7733.05	7749.41	7654.18	7712.22	0.66	ppb
Iron	57-2	7848.80	7847.15	7880.01	7858.65	0.24	ppb
Iron	54-2	7917.13	7852.30	7731.68	7833.70	1.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:58:23	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.52	106.73	106.11	105.79	1.08	ppb
Lead	207-1	103.09	103.33	102.87	103.10	0.23	ppb
Lead	208-1	103.75	105.60	105.63	104.99	1.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	1113.86	1114.11	1114.84	1114.27	0.05	ppb
Manganese	55-2	48.60	48.53	48.11	48.41	0.55	ppb
Molybdenum	94-1	3.38	3.21	3.33	3.31	2.65	ppb
Molybdenum	95-1	2.27	2.19	2.22	2.23	1.87	ppb
Molybdenum	96-1	2.37	2.32	2.36	2.35	1.10	ppb
Molybdenum	97-1	2.25	2.14	2.22	2.21	2.54	ppb
Molybdenum	98-1	2.16	2.16	2.16	2.16	0.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.23	6.15	6.19	6.19	0.58	ppb
Phosphorus	31-2	152.20	152.07	140.52	148.26	4.52	ppb
Potassium	39-2	457.56	463.98	464.29	461.94	0.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.53	0.01	0.05	0.20	146.96	ppb
Selenium	77-2	0.67	0.83	0.98	0.83	19.16	ppb
Selenium	78-2	0.35	0.15	0.03	0.17	92.04	ppb
Silicon	28-1	189.29	187.81	189.26	188.79	0.45	ppb
Silver	107-1	2.11	2.12	2.09	2.11	0.59	ppb
Silver	109-1	2.09	2.12	2.07	2.10	1.27	ppb
Sodium	23-2	2831.48	2830.82	2866.76	2843.02	0.72	ppb
Strontium	86-1	339.63	334.22	346.79	340.21	1.85	ppb
Strontium	88-1	340.71	341.73	345.65	342.69	0.76	ppb
Sulfur	34-1	1498.64	1432.66	1547.00	1492.77	3.84	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.19	0.18	0.18	3.37	ppb
Thallium	205-1	0.18	0.20	0.19	0.19	4.03	ppb
Tin	118-1	10.05	9.96	9.87	9.96	0.92	ppb
Titanium	47-1	92.95	92.30	93.28	92.84	0.54	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:58:23	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.27	0.27	0.72	ppb
Vanadium	51-2	7.52	7.61	7.64	7.59	0.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	357.45	361.41	362.37	360.41	0.72	ppb
Zirconium	90-1	0.79	0.81	0.82	0.81	1.55	ppb
Zirconium	91-1	0.82	0.79	0.81	0.81	2.22	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:01:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9222.16	9391.31	9191.67	9268.38	1.16	ppb
Antimony	121-1	102.77	105.77	105.45	104.67	1.58	ppb
Arsenic	75-2	410.17	421.53	411.07	414.26	1.52	ppb
Barium	135-1	572.16	593.80	577.77	581.24	1.93	ppb
Barium	137-1	566.70	586.14	583.84	578.89	1.83	ppb
Beryllium	9-1	10.48	10.58	10.76	10.61	1.37	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	12.60	12.66	12.64	12.63	0.21	ppb
Cadmium	106-1	10.87	10.22	10.93	10.68	3.69	ppb
Cadmium	111-1	12.51	12.73	13.14	12.79	2.49	ppb
Calcium	43-1	6147.41	6478.41	6491.60	6372.47	3.06	ppb
Calcium	44-1	5871.33	6148.60	6225.40	6081.78	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.51	73.67	73.89	73.69	0.26	ppb
Cobalt	59-2	138.77	138.91	139.10	138.93	0.12	ppb
Copper	63-2	5541.82	5522.66	5534.06	5532.85	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	35930.11	36256.18	35852.97	36013.09	0.59	ppb
Iron	57-2	35346.71	35800.16	35586.36	35577.75	0.64	ppb
Iron	54-2	36010.43	36615.13	36358.92	36328.16	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:01:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	488.87	501.06	511.30	500.41	2.24	ppb
Lead	207-1	485.01	492.41	501.33	492.92	1.66	ppb
Lead	208-1	486.80	494.07	503.73	494.86	1.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	5376.54	5354.15	5343.60	5358.10	0.31	ppb
Manganese	55-2	322.47	328.42	324.23	325.04	0.94	ppb
Molybdenum	94-1	15.16	16.03	15.61	15.60	2.80	ppb
Molybdenum	95-1	9.81	10.36	10.26	10.14	2.85	ppb
Molybdenum	96-1	10.78	10.93	11.03	10.91	1.13	ppb
Molybdenum	97-1	9.98	10.52	10.37	10.29	2.73	ppb
Molybdenum	98-1	9.91	10.22	10.12	10.08	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.09	134.70	134.49	134.43	0.23	ppb
Phosphorus	31-2	786.66	812.16	769.39	789.41	2.73	ppb
Potassium	39-2	2023.54	2038.39	2023.98	2028.64	0.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	22.77	23.61	22.84	23.07	2.02	ppb
Selenium	77-2	27.92	29.17	26.31	27.80	5.15	ppb
Selenium	78-2	22.10	24.03	23.27	23.13	4.22	ppb
Silicon	28-1	840.68	872.61	888.15	867.15	2.79	ppb
Silver	107-1	19.90	20.79	20.73	20.47	2.42	ppb
Silver	109-1	20.09	20.70	20.60	20.46	1.58	ppb
Sodium	23-2	13092.06	13254.00	13060.77	13135.61	0.79	ppb
Strontium	86-1	1574.08	1615.59	1612.11	1600.59	1.44	ppb
Strontium	88-1	1590.40	1603.75	1647.25	1613.80	1.84	ppb
Sulfur	34-1	11816.01	12530.12	12615.59	12320.57	3.56	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	9.90	10.07	10.34	10.10	2.20	ppb
Thallium	205-1	9.92	10.05	10.41	10.13	2.53	ppb
Tin	118-1	45.66	47.10	47.35	46.70	1.95	ppb
Titanium	47-1	423.85	440.17	438.74	434.25	2.08	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:01:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.21	1.24	1.21	2.82	ppb
Vanadium	51-2	136.59	137.61	136.22	136.81	0.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1801.12	1784.28	1809.69	1798.36	0.72	ppb
Zirconium	90-1	3.93	4.15	4.11	4.07	2.96	ppb
Zirconium	91-1	4.12	4.21	4.32	4.22	2.28	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:04:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.68	0.59	0.56	0.61	10.10	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	10.76	ppb
Arsenic	75-2	0.03	0.00	0.05	0.03	97.72	ppb
Barium	135-1	0.08	0.07	0.07	0.07	3.39	ppb
Barium	137-1	0.08	0.07	0.05	0.07	21.08	ppb
Beryllium	9-1	0.02	0.03	0.03	0.02	11.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-1.97	-3.08	-2.48	-2.51		ppb
Cadmium	111-1	-0.12	-0.19	-0.16	-0.16		ppb
Calcium	43-1	-2.15	-0.60	0.47	-0.76		ppb
Calcium	44-1	-2.48	-2.61	-2.08	-2.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.02	0.01	138.20	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.45	0.39	0.38	0.41	8.34	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				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	3.01	2.82	2.63	2.82	6.63	ppb
Iron	57-2	2.88	2.73	2.86	2.82	2.91	ppb
Iron	54-2	2.51	3.18	2.75	2.81	12.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:04:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.16	0.15	0.16	8.38	ppb
Lead	207-1	0.15	0.16	0.14	0.15	8.47	ppb
Lead	208-1	0.16	0.15	0.14	0.15	5.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.27	0.54	0.33	0.38	37.73	ppb
Manganese	55-2	0.04	0.05	0.05	0.05	5.21	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	21.54	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.01	90.18	ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	68.04	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.01	0.01	333.59	ppb
Phosphorus	31-2	-20.57	-18.34	-16.66	-18.52		ppb
Potassium	39-2	7.87	7.76	8.37	8.00	4.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.34	-0.70	-0.51	-0.52		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-1.00	0.00	0.18	-0.27		ppb
Silicon	28-1	-1.98	-1.28	-0.98	-1.42		ppb
Silver	107-1	0.02	0.01	0.01	0.01	20.09	ppb
Silver	109-1	0.02	0.01	0.02	0.02	5.44	ppb
Sodium	23-2	23.31	22.40	22.18	22.63	2.65	ppb
Strontium	86-1	-0.43	0.08	-0.50	-0.28		ppb
Strontium	88-1	0.14	0.11	0.13	0.13	11.73	ppb
Sulfur	34-1	-1477.77	-1367.78	-1313.96	-1386.51		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	4.73	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.93	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.04	0.06	0.03	0.04	26.98	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:04:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	24.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	0.04	0.09	0.16	0.09	61.97	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	231.45	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	43.22	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:07:59	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.50	39.70	39.79	39.33	1.84	ppb
Antimony	121-1	4.42	4.44	4.43	4.43	0.17	ppb
Arsenic	75-2	2.24	2.33	2.24	2.27	2.33	ppb
Barium	135-1	20.19	20.62	20.70	20.50	1.35	ppb
Barium	137-1	20.86	20.76	21.06	20.89	0.74	ppb
Beryllium	9-1	2.12	2.28	2.31	2.24	4.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.96	2.32	2.46	2.25	11.44	ppb
Cadmium	106-1	0.22	0.63	-0.60	0.08	758.10	ppb
Cadmium	111-1	2.13	2.07	2.16	2.12	2.12	ppb
Calcium	43-1	1082.79	1088.05	1097.04	1089.29	0.66	ppb
Calcium	44-1	1066.45	1090.78	1066.48	1074.57	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.27	4.15	4.15	4.19	1.68	ppb
Cobalt	59-2	2.19	2.19	2.20	2.19	0.30	ppb
Copper	63-2	4.41	4.50	4.47	4.46	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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	436.84	437.04	434.06	435.98	0.38	ppb
Iron	57-2	445.57	445.34	451.83	447.58	0.82	ppb
Iron	54-2	456.03	451.51	456.33	454.62	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:07:59	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.13	2.07	2.13	2.11	1.74	ppb
Lead	207-1	2.08	2.11	2.06	2.08	1.25	ppb
Lead	208-1	2.07	2.10	2.10	2.09	0.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	944.70	942.89	948.09	945.23	0.28	ppb
Manganese	55-2	2.09	2.07	2.17	2.11	2.54	ppb
Molybdenum	94-1	11.82	11.92	12.10	11.94	1.16	ppb
Molybdenum	95-1	10.28	9.98	10.43	10.23	2.24	ppb
Molybdenum	96-1	10.49	10.29	10.66	10.48	1.77	ppb
Molybdenum	97-1	10.22	10.34	10.65	10.40	2.13	ppb
Molybdenum	98-1	10.23	9.92	10.32	10.15	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	2.20	2.21	2.19	1.08	ppb
Phosphorus	31-2	31.59	44.18	30.02	35.26	22.01	ppb
Potassium	39-2	1066.86	1064.45	1077.82	1069.71	0.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	10.71	10.35	11.19	10.75	3.94	ppb
Selenium	77-2	11.58	12.13	11.11	11.61	4.39	ppb
Selenium	78-2	10.73	10.80	11.68	11.07	4.76	ppb
Silicon	28-1	2.13	2.11	2.14	2.13	0.72	ppb
Silver	107-1	2.19	2.22	2.24	2.22	1.14	ppb
Silver	109-1	2.20	2.23	2.23	2.22	0.89	ppb
Sodium	23-2	980.76	983.69	990.03	984.83	0.48	ppb
Strontium	86-1	51.48	51.75	50.62	51.28	1.15	ppb
Strontium	88-1	51.92	50.24	51.98	51.38	1.92	ppb
Sulfur	34-1	-1316.51	-1257.87	-1274.43	-1282.94		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	2.06	2.02	2.03	2.04	1.06	ppb
Thallium	205-1	2.01	2.02	2.03	2.02	0.41	ppb
Tin	118-1	10.69	10.85	10.87	10.80	0.92	ppb
Titanium	47-1	2.53	2.53	2.55	2.53	0.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:07:59	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.84	1.82	1.82	1.83	0.76	ppb
Vanadium	51-2	10.76	10.59	10.70	10.68	0.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	11.63	11.64	11.19	11.49	2.22	ppb
Zirconium	90-1	2.01	1.99	2.02	2.01	0.66	ppb
Zirconium	91-1	1.93	1.98	2.00	1.97	1.85	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:11:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17546.39	17720.62	17717.09	17661.37	0.56	ppb
Antimony	121-1	0.14	0.13	0.13	0.13	3.19	ppb
Arsenic	75-2	9.72	10.04	9.73	9.83	1.87	ppb
Barium	135-1	139.96	142.91	142.33	141.73	1.10	ppb
Barium	137-1	140.98	144.25	146.14	143.79	1.82	ppb
Beryllium	9-1	0.79	0.70	0.67	0.72	8.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.55	3.89	4.18	3.87	8.08	ppb
Cadmium	106-1	5.04	5.58	5.57	5.40	5.73	ppb
Cadmium	111-1	0.44	0.43	0.49	0.45	7.16	ppb
Calcium	43-1	12849.87	13104.13	13179.58	13044.53	1.32	ppb
Calcium	44-1	12413.72	12475.71	12590.14	12493.19	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.46	25.91	25.30	25.56	1.23	ppb
Cobalt	59-2	24.27	24.25	24.30	24.27	0.09	ppb
Copper	63-2	60.13	61.03	60.26	60.47	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				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	52440.63	52367.31	52379.55	52395.83	0.07	ppb
Iron	57-2	51324.74	51545.96	51047.31	51306.00	0.49	ppb
Iron	54-2	51839.06	52454.56	52619.57	52304.40	0.79	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:11:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.60	40.31	39.76	39.89	0.93	ppb
Lead	207-1	38.23	38.76	38.03	38.34	0.99	ppb
Lead	208-1	38.46	39.21	38.50	38.72	1.08	ppb
Lithium	6-1				99		%
Magnesium	24-2	11640.65	11667.01	11612.55	11640.07	0.23	ppb
Manganese	55-2	772.65	769.69	776.43	772.92	0.44	ppb
Molybdenum	94-1	78.34	79.87	80.20	79.47	1.25	ppb
Molybdenum	95-1	0.79	0.81	0.81	0.80	1.46	ppb
Molybdenum	96-1	9.33	9.61	9.68	9.54	1.92	ppb
Molybdenum	97-1	0.81	0.82	0.85	0.83	2.59	ppb
Molybdenum	98-1	0.77	0.78	0.78	0.78	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.43	45.88	45.63	45.65	0.49	ppb
Phosphorus	31-2	2606.73	2609.90	2655.45	2624.02	1.04	ppb
Potassium	39-2	1043.26	1057.18	1053.98	1051.47	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	0.15	0.73	0.27	146.87	ppb
Selenium	77-2	11.04	11.94	10.12	11.03	8.26	ppb
Selenium	78-2	2.06	2.85	1.79	2.23	24.71	ppb
Silicon	28-1	201.85	205.82	208.17	205.28	1.56	ppb
Silver	107-1	0.11	0.11	0.11	0.11	4.77	ppb
Silver	109-1	0.08	0.07	0.08	0.08	4.91	ppb
Sodium	23-2	683.79	688.31	684.89	685.66	0.34	ppb
Strontium	86-1	1799.43	1823.69	1829.85	1817.66	0.88	ppb
Strontium	88-1	1811.25	1842.86	1831.43	1828.51	0.88	ppb
Sulfur	34-1	-1020.60	-970.40	-914.95	-968.65		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.19	0.19	0.19	1.34	ppb
Thallium	205-1	0.19	0.19	0.18	0.19	2.56	ppb
Tin	118-1	2.33	2.42	2.66	2.47	6.88	ppb
Titanium	47-1	2775.08	2831.99	2866.90	2824.66	1.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:11:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.01	1.01	1.01	0.40	ppb
Vanadium	51-2	134.33	134.72	133.44	134.16	0.49	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	118.76	121.88	118.89	119.84	1.47	ppb
Zirconium	90-1	43.50	43.87	44.40	43.93	1.04	ppb
Zirconium	91-1	43.60	44.02	44.13	43.91	0.63	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:14:28	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17946.95	17819.17	17620.87	17795.66	0.92	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	1.02	ppb
Arsenic	75-2	9.82	10.03	9.82	9.89	1.23	ppb
Barium	135-1	144.84	143.58	147.17	145.20	1.25	ppb
Barium	137-1	147.42	146.53	149.19	147.71	0.92	ppb
Beryllium	9-1	0.75	0.81	0.87	0.81	7.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.01	3.81	3.73	3.85	3.68	ppb
Cadmium	106-1	7.31	6.75	6.89	6.99	4.19	ppb
Cadmium	111-1	0.58	0.61	0.61	0.60	3.09	ppb
Calcium	43-1	13007.50	13302.98	13271.58	13194.02	1.23	ppb
Calcium	44-1	12508.28	12890.26	12672.54	12690.36	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.14	26.15	25.58	25.96	1.27	ppb
Cobalt	59-2	24.64	24.77	24.32	24.58	0.94	ppb
Copper	63-2	61.24	61.45	60.08	60.92	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	52691.41	52772.95	52638.82	52701.06	0.13	ppb
Iron	57-2	52027.54	51549.80	51265.85	51614.40	0.75	ppb
Iron	54-2	53555.09	52563.00	52365.29	52827.79	1.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:14:28	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.51	41.29	40.58	40.79	1.06	ppb
Lead	207-1	38.54	39.45	38.70	38.89	1.25	ppb
Lead	208-1	39.13	39.92	39.51	39.52	1.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	11845.56	11814.20	11786.72	11815.49	0.25	ppb
Manganese	55-2	793.91	782.67	774.90	783.83	1.22	ppb
Molybdenum	94-1	79.43	80.50	81.01	80.31	1.01	ppb
Molybdenum	95-1	0.80	0.81	0.80	0.80	0.39	ppb
Molybdenum	96-1	9.66	9.68	9.62	9.65	0.30	ppb
Molybdenum	97-1	0.78	0.81	0.81	0.80	2.46	ppb
Molybdenum	98-1	0.80	0.80	0.80	0.80	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.05	46.54	46.19	46.26	0.54	ppb
Phosphorus	31-2	2624.61	2642.27	2573.21	2613.36	1.37	ppb
Potassium	39-2	1070.20	1070.74	1053.29	1064.74	0.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.57	-0.17	-0.05	0.12	340.78	ppb
Selenium	77-2	13.25	10.77	8.75	10.92	20.62	ppb
Selenium	78-2	1.99	1.84	2.25	2.03	10.28	ppb
Silicon	28-1	214.38	213.01	213.27	213.55	0.34	ppb
Silver	107-1	0.12	0.10	0.11	0.11	10.36	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.33	ppb
Sodium	23-2	696.01	692.48	684.50	691.00	0.85	ppb
Strontium	86-1	1818.74	1853.27	1850.33	1840.78	1.04	ppb
Strontium	88-1	1858.89	1863.84	1866.51	1863.08	0.21	ppb
Sulfur	34-1	-849.07	-750.40	-810.34	-803.27		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.20	0.20	0.19	0.20	1.59	ppb
Thallium	205-1	0.19	0.19	0.20	0.19	2.13	ppb
Tin	118-1	2.51	2.42	2.46	2.46	1.86	ppb
Titanium	47-1	2828.75	2917.14	2867.87	2871.25	1.54	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:14:28	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.04	1.00	1.02	1.86	ppb
Vanadium	51-2	136.85	136.40	134.81	136.02	0.79	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	120.65	121.11	120.68	120.81	0.21	ppb
Zirconium	90-1	44.09	44.40	44.81	44.43	0.82	ppb
Zirconium	91-1	44.24	45.20	45.38	44.94	1.37	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:17:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3530.88	3510.67	3552.00	3531.18	0.59	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	11.46	ppb
Arsenic	75-2	1.95	2.00	2.29	2.08	8.65	ppb
Barium	135-1	28.77	28.72	29.07	28.86	0.67	ppb
Barium	137-1	29.08	29.31	29.26	29.22	0.42	ppb
Beryllium	9-1	0.15	0.14	0.14	0.14	5.71	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.76	0.52	0.77	0.68	21.04	ppb
Cadmium	106-1	0.19	0.38	-1.19	-0.21		ppb
Cadmium	111-1	0.05	0.06	-0.06	0.02	348.61	ppb
Calcium	43-1	2690.87	2696.46	2699.13	2695.49	0.16	ppb
Calcium	44-1	2517.01	2599.88	2585.25	2567.38	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.31	5.06	5.27	5.21	2.62	ppb
Cobalt	59-2	5.04	4.95	5.13	5.04	1.74	ppb
Copper	63-2	12.46	12.35	12.60	12.47	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	10759.18	10778.09	10818.11	10785.13	0.28	ppb
Iron	57-2	10988.28	10916.37	10966.80	10957.15	0.34	ppb
Iron	54-2	10956.69	10726.26	10824.36	10835.77	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:17:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.93	8.05	8.21	8.06	1.76	ppb
Lead	207-1	7.78	7.69	7.71	7.73	0.61	ppb
Lead	208-1	7.78	7.79	7.89	7.82	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	2407.08	2436.67	2412.14	2418.63	0.65	ppb
Manganese	55-2	160.08	159.83	160.27	160.06	0.14	ppb
Molybdenum	94-1	16.52	16.75	17.00	16.76	1.44	ppb
Molybdenum	95-1	0.18	0.17	0.16	0.17	4.25	ppb
Molybdenum	96-1	1.99	2.00	2.07	2.02	2.20	ppb
Molybdenum	97-1	0.17	0.19	0.18	0.18	4.79	ppb
Molybdenum	98-1	0.16	0.17	0.15	0.16	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.62	9.49	9.44	9.52	0.96	ppb
Phosphorus	31-2	541.98	501.30	530.89	524.72	4.01	ppb
Potassium	39-2	221.03	222.00	227.46	223.50	1.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.04	0.32	-0.07	0.10	207.23	ppb
Selenium	77-2	3.26	2.80	1.88	2.64	26.67	ppb
Selenium	78-2	0.66	0.46	0.44	0.52	23.37	ppb
Silicon	28-1	47.56	53.03	47.86	49.49	6.21	ppb
Silver	107-1	0.02	0.02	0.03	0.02	15.63	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.73	ppb
Sodium	23-2	150.03	148.58	151.66	150.09	1.03	ppb
Strontium	86-1	384.34	386.54	397.24	389.37	1.77	ppb
Strontium	88-1	387.09	384.39	395.11	388.87	1.43	ppb
Sulfur	34-1	-934.93	-878.87	-810.11	-874.64		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.06	0.07	0.06	12.84	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	5.58	ppb
Tin	118-1	0.48	0.46	0.47	0.47	2.19	ppb
Titanium	47-1	569.31	577.14	581.20	575.89	1.05	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:17:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.20	0.20	1.39	ppb
Vanadium	51-2	27.62	27.57	28.00	27.73	0.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	25.40	24.66	25.66	25.24	2.05	ppb
Zirconium	90-1	9.18	9.24	9.36	9.26	1.01	ppb
Zirconium	91-1	9.07	9.26	9.33	9.22	1.46	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:20:53	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18514.32	18284.54	17793.73	18197.53	2.02	ppb
Antimony	121-1	0.13	0.14	0.15	0.14	4.86	ppb
Arsenic	75-2	223.06	225.03	221.41	223.17	0.81	ppb
Barium	135-1	547.16	566.77	560.36	558.09	1.79	ppb
Barium	137-1	552.83	568.56	566.06	562.48	1.50	ppb
Beryllium	9-1	11.28	11.80	11.84	11.64	2.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	96.94	101.80	102.06	100.27	2.87	ppb
Cadmium	106-1	98.30	103.54	102.33	101.39	2.70	ppb
Cadmium	111-1	106.19	112.84	109.79	109.61	3.04	ppb
Calcium	43-1	12829.19	13250.23	13091.21	13056.87	1.63	ppb
Calcium	44-1	12341.84	12593.54	12515.56	12483.65	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.54	67.23	66.50	67.09	0.79	ppb
Cobalt	59-2	128.15	128.18	127.55	127.96	0.28	ppb
Copper	63-2	110.48	110.27	109.71	110.15	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	53358.28	53009.72	52560.80	52976.27	0.75	ppb
Iron	57-2	52192.58	51722.61	51598.07	51837.75	0.60	ppb
Iron	54-2	53248.32	52957.25	52496.85	52900.80	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:20:53	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	248.80	253.70	259.94	254.14	2.20	ppb
Lead	207-1	231.80	236.15	241.16	236.37	1.98	ppb
Lead	208-1	237.78	243.51	245.73	242.34	1.69	ppb
Lithium	6-1				99		%
Magnesium	24-2	11919.29	11836.52	11590.24	11782.01	1.45	ppb
Manganese	55-2	891.32	878.38	867.23	878.98	1.37	ppb
Molybdenum	94-1	78.28	82.45	81.85	80.86	2.79	ppb
Molybdenum	95-1	2.63	2.89	2.75	2.75	4.80	ppb
Molybdenum	96-1	11.10	11.48	11.56	11.38	2.18	ppb
Molybdenum	97-1	2.72	2.82	2.65	2.73	3.18	ppb
Molybdenum	98-1	2.60	2.76	2.75	2.71	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.93	150.80	148.52	150.08	0.90	ppb
Phosphorus	31-2	2595.67	2582.78	2584.49	2587.65	0.27	ppb
Potassium	39-2	1074.19	1068.20	1057.45	1066.61	0.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	213.25	220.94	219.89	218.03	1.91	ppb
Selenium	77-2	244.12	241.09	224.55	236.59	4.45	ppb
Selenium	78-2	222.43	226.25	230.69	226.46	1.82	ppb
Silicon	28-1	206.39	212.02	218.97	212.46	2.97	ppb
Silver	107-1	10.24	10.90	10.87	10.67	3.49	ppb
Silver	109-1	10.21	10.84	10.72	10.59	3.13	ppb
Sodium	23-2	690.64	690.81	686.45	689.30	0.36	ppb
Strontium	86-1	1772.65	1851.39	1823.16	1815.73	2.20	ppb
Strontium	88-1	1799.11	1895.44	1864.22	1852.92	2.65	ppb
Sulfur	34-1	-836.28	-754.55	-794.62	-795.15		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	197.73	198.88	202.83	199.81	1.34	ppb
Thallium	205-1	198.53	201.98	205.44	201.99	1.71	ppb
Tin	118-1	2.29	2.48	2.53	2.43	5.12	ppb
Titanium	47-1	2749.42	2882.43	2832.55	2821.47	2.38	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:20:53	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.99	0.99	0.99	0.45	ppb
Vanadium	51-2	238.16	236.33	234.84	236.44	0.70	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	225.44	226.66	223.39	225.16	0.74	ppb
Zirconium	90-1	42.76	44.53	44.03	43.78	2.08	ppb
Zirconium	91-1	42.47	44.67	44.34	43.83	2.70	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:23:58	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48986.85	48758.62	49694.84	49146.77	0.99	ppb
Antimony	121-1	494.11	500.81	496.96	497.30	0.68	ppb
Arsenic	75-2	506.43	504.53	507.21	506.06	0.27	ppb
Barium	135-1	2449.03	2480.94	2476.37	2468.78	0.70	ppb
Barium	137-1	2437.25	2452.54	2484.94	2458.25	0.99	ppb
Beryllium	9-1	501.07	501.91	491.74	498.24	1.13	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	486.09	485.31	486.37	485.92	0.11	ppb
Cadmium	106-1	492.56	486.40	491.20	490.05	0.66	ppb
Cadmium	111-1	481.31	477.03	480.29	479.54	0.47	ppb
Calcium	43-1	248768.63	252396.64	251928.41	251031.23	0.79	ppb
Calcium	44-1	249417.32	250991.00	249708.10	250038.81	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.77	493.04	501.68	498.49	0.95	ppb
Cobalt	59-2	493.18	484.42	489.94	489.18	0.90	ppb
Copper	63-2	4780.34	4699.78	4773.32	4751.15	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	126489.26	124457.84	126309.93	125752.35	0.89	ppb
Iron	57-2	125010.36	123088.53	125927.80	124675.57	1.16	ppb
Iron	54-2	126497.25	125167.61	126347.65	126004.17	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:23:58	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2476.48	2500.70	2506.58	2494.59	0.64	ppb
Lead	207-1	2468.21	2493.81	2484.81	2482.27	0.52	ppb
Lead	208-1	2473.71	2494.25	2488.66	2485.54	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	241789.44	238849.75	241466.39	240701.86	0.67	ppb
Manganese	55-2	4928.04	4819.59	4853.30	4866.98	1.14	ppb
Molybdenum	94-1	4986.20	5029.51	5032.04	5015.91	0.51	ppb
Molybdenum	95-1	4976.17	5027.69	5034.90	5012.92	0.64	ppb
Molybdenum	96-1	4992.06	5012.48	5071.81	5025.45	0.82	ppb
Molybdenum	97-1	5002.03	5058.03	5067.22	5042.43	0.70	ppb
Molybdenum	98-1	4970.57	5050.39	5012.47	5011.14	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.91	466.01	473.55	470.49	0.84	ppb
Phosphorus	31-2	10233.18	10139.04	10287.65	10219.96	0.74	ppb
Potassium	39-2	122288.54	120478.89	122365.18	121710.87	0.88	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	467.81	475.11	471.42	471.45	0.77	ppb
Selenium	77-2	475.12	474.32	459.48	469.64	1.88	ppb
Selenium	78-2	478.89	467.77	474.98	473.88	1.19	ppb
Silicon	28-1	249.68	251.45	243.83	248.32	1.61	ppb
Silver	107-1	482.11	480.91	482.73	481.92	0.19	ppb
Silver	109-1	488.63	477.90	487.33	484.62	1.21	ppb
Sodium	23-2	244665.98	245276.91	247138.02	245693.64	0.52	ppb
Strontium	86-1	12357.82	12526.70	12318.74	12401.09	0.89	ppb
Strontium	88-1	12206.06	12480.25	12239.73	12308.68	1.21	ppb
Sulfur	34-1	9797.12	9827.18	9660.02	9761.44	0.91	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	494.38	503.68	503.60	500.56	1.07	ppb
Thallium	205-1	490.46	504.61	501.17	498.75	1.48	ppb
Tin	118-1	488.78	494.58	492.31	491.89	0.59	ppb
Titanium	47-1	4927.54	4918.10	4822.21	4889.29	1.19	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:23:58	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	487.97	497.94	493.69	493.20	1.01	ppb
Vanadium	51-2	508.13	501.19	505.35	504.89	0.69	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	4754.50	4780.78	4803.68	4779.65	0.51	ppb
Zirconium	90-1	492.90	501.41	490.68	495.00	1.14	ppb
Zirconium	91-1	496.60	508.46	499.43	501.50	1.23	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:30:03	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	0.78	0.47	0.62	25.13	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.51	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.03	0.05	0.03	0.04	31.73	ppb
Barium	137-1	0.04	0.04	0.02	0.03	34.84	ppb
Beryllium	9-1	0.06	0.05	0.03	0.05	30.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.03	0.06	0.03	73.32	ppb
Cadmium	106-1	-1.19	-1.28	-1.76	-1.41		ppb
Cadmium	111-1	-0.07	-0.07	-0.11	-0.09		ppb
Calcium	43-1	1.99	3.87	1.10	2.32	61.08	ppb
Calcium	44-1	0.10	0.79	1.32	0.74	82.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.01	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.02	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	2.25	2.10	1.78	2.04	11.63	ppb
Iron	57-2	2.86	2.00	1.92	2.26	23.01	ppb
Iron	54-2	2.55	2.22	2.24	2.34	7.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:30:03	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.09	0.07	0.08	9.34	ppb
Lead	207-1	0.07	0.06	0.07	0.07	10.22	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.73	3.53	3.27	3.51	6.62	ppb
Manganese	55-2	0.06	0.03	0.05	0.05	35.61	ppb
Molybdenum	94-1	0.14	0.15	0.12	0.13	11.02	ppb
Molybdenum	95-1	0.10	0.10	0.11	0.10	3.46	ppb
Molybdenum	96-1	0.08	0.12	0.10	0.10	18.67	ppb
Molybdenum	97-1	0.10	0.11	0.12	0.11	7.82	ppb
Molybdenum	98-1	0.12	0.12	0.10	0.11	8.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	-0.01	0.01	257.73	ppb
Phosphorus	31-2	-18.11	-16.92	-15.00	-16.67		ppb
Potassium	39-2	6.74	7.13	7.02	6.96	2.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.53	0.02	-0.76	-0.42		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-1.21	-0.39	-0.67	-0.76		ppb
Silicon	28-1	-3.39	-2.47	-2.05	-2.64		ppb
Silver	107-1	0.01	0.02	0.02	0.02	14.96	ppb
Silver	109-1	0.02	0.02	0.01	0.02	9.06	ppb
Sodium	23-2	17.95	18.48	17.85	18.10	1.88	ppb
Strontium	86-1	-0.32	-0.07	0.01	-0.13		ppb
Strontium	88-1	0.05	0.10	0.07	0.08	31.29	ppb
Sulfur	34-1	-320.82	-186.89	-51.85	-186.52		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.06	0.06	0.06	10.84	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	4.55	ppb
Tin	118-1	-0.01	-0.03	-0.01	-0.01		ppb
Titanium	47-1	0.13	0.12	0.14	0.13	8.41	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:30:03	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	13.99	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	33.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.49	0.41	0.46	0.46	9.50	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	21.62	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	31.71	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:33:23	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14407.31	14188.62	14211.29	14269.08	0.84	ppb
Antimony	121-1	470.05	480.79	480.67	477.17	1.29	ppb
Arsenic	75-2	1525.46	1527.82	1543.59	1532.29	0.64	ppb
Barium	135-1	193.60	198.60	199.99	197.40	1.70	ppb
Barium	137-1	198.80	201.19	202.73	200.91	0.99	ppb
Beryllium	9-1	0.61	0.59	0.60	0.60	1.93	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.95	3.94	3.96	3.95	0.26	ppb
Cadmium	106-1	2.38	3.60	4.20	3.39	27.31	ppb
Cadmium	111-1	1.91	1.99	2.07	1.99	4.15	ppb
Calcium	43-1	19904.35	19967.94	20195.32	20022.54	0.76	ppb
Calcium	44-1	19112.80	19361.85	19522.29	19332.31	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.74	42.83	42.35	42.64	0.60	ppb
Cobalt	59-2	121.60	123.27	122.34	122.41	0.68	ppb
Copper	63-2	606.74	605.14	610.68	607.52	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	81765.10	81826.84	81919.62	81837.19	0.10	ppb
Iron	57-2	80923.49	81215.65	80037.46	80725.53	0.76	ppb
Iron	54-2	81812.90	82785.21	81854.54	82150.89	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:33:23	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1134.07	1152.64	1155.44	1147.38	1.01	ppb
Lead	207-1	1124.76	1143.91	1138.38	1135.68	0.87	ppb
Lead	208-1	1130.23	1145.99	1136.21	1137.47	0.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	9050.25	8965.29	9002.58	9006.04	0.47	ppb
Manganese	55-2	671.50	667.52	678.71	672.58	0.84	ppb
Molybdenum	94-1	27.40	27.87	27.88	27.71	1.00	ppb
Molybdenum	95-1	19.89	19.89	20.10	19.96	0.60	ppb
Molybdenum	96-1	21.05	21.32	21.56	21.31	1.20	ppb
Molybdenum	97-1	19.76	20.09	20.34	20.06	1.45	ppb
Molybdenum	98-1	19.55	19.78	19.98	19.77	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.66	48.74	48.31	48.57	0.47	ppb
Phosphorus	31-2	1518.63	1576.41	1586.26	1560.43	2.34	ppb
Potassium	39-2	3916.61	3932.37	3939.98	3929.65	0.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	1.31	1.55	0.89	1.25	26.80	ppb
Selenium	77-2	4.96	3.19	5.15	4.44	24.39	ppb
Selenium	78-2	1.10	0.28	1.66	1.01	68.79	ppb
Silicon	28-1	1128.92	1138.42	1142.11	1136.48	0.60	ppb
Silver	107-1	1.82	1.84	1.82	1.83	0.78	ppb
Silver	109-1	1.80	1.82	1.84	1.82	0.95	ppb
Sodium	23-2	12402.69	12305.32	12372.08	12360.03	0.40	ppb
Strontium	86-1	3703.16	3722.74	3734.18	3720.03	0.42	ppb
Strontium	88-1	3703.68	3797.45	3788.95	3763.36	1.38	ppb
Sulfur	34-1	1629.72	1588.87	1659.71	1626.10	2.19	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.59	0.56	0.54	0.56	4.94	ppb
Thallium	205-1	0.59	0.55	0.55	0.56	4.27	ppb
Tin	118-1	149.73	156.50	152.41	152.88	2.23	ppb
Titanium	47-1	565.76	574.99	576.62	572.46	1.02	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:33:23	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.66	1.66	1.63	1.65	0.92	ppb
Vanadium	51-2	53.77	54.05	53.72	53.85	0.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	5231.08	5232.99	5278.19	5247.42	0.51	ppb
Zirconium	90-1	6.24	6.40	6.37	6.34	1.37	ppb
Zirconium	91-1	6.46	6.67	6.62	6.59	1.66	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:36:27	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14416.77	14273.50	14335.79	14342.02	0.50	ppb
Antimony	121-1	477.86	494.52	483.41	485.26	1.75	ppb
Arsenic	75-2	1555.26	1515.91	1529.39	1533.52	1.30	ppb
Barium	135-1	196.20	202.13	200.59	199.64	1.54	ppb
Barium	137-1	198.64	205.32	203.49	202.48	1.71	ppb
Beryllium	9-1	0.60	0.56	0.56	0.57	3.73	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.78	3.98	4.10	3.95	4.09	ppb
Cadmium	106-1	3.18	3.78	3.10	3.36	11.16	ppb
Cadmium	111-1	1.95	2.06	2.02	2.01	2.87	ppb
Calcium	43-1	20111.09	20097.87	19773.94	19994.30	0.96	ppb
Calcium	44-1	19223.74	19400.57	19126.26	19250.19	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.93	42.70	42.30	42.64	0.75	ppb
Cobalt	59-2	124.38	121.90	121.93	122.74	1.16	ppb
Copper	63-2	622.61	602.12	612.60	612.44	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	82442.36	81391.17	81375.05	81736.19	0.75	ppb
Iron	57-2	81549.84	79847.33	80575.50	80657.55	1.06	ppb
Iron	54-2	82897.15	82387.92	81736.27	82340.44	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:36:27	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1143.71	1173.60	1130.90	1149.40	1.91	ppb
Lead	207-1	1131.02	1142.20	1130.51	1134.58	0.58	ppb
Lead	208-1	1139.88	1152.02	1128.55	1140.15	1.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	9171.12	8962.54	8996.85	9043.50	1.24	ppb
Manganese	55-2	673.00	669.54	665.09	669.21	0.59	ppb
Molybdenum	94-1	27.78	28.17	27.67	27.87	0.94	ppb
Molybdenum	95-1	19.90	20.00	19.93	19.94	0.28	ppb
Molybdenum	96-1	21.15	21.09	21.40	21.21	0.78	ppb
Molybdenum	97-1	20.05	19.98	20.12	20.05	0.36	ppb
Molybdenum	98-1	19.79	19.97	19.96	19.91	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.41	48.49	48.83	48.91	0.95	ppb
Phosphorus	31-2	1583.48	1570.25	1553.70	1569.15	0.95	ppb
Potassium	39-2	3951.87	3894.70	3891.93	3912.83	0.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	1.32	0.60	1.15	1.02	37.09	ppb
Selenium	77-2	5.63	4.75	5.11	5.17	8.55	ppb
Selenium	78-2	0.97	1.67	0.37	1.00	64.45	ppb
Silicon	28-1	1139.19	1176.69	1120.22	1145.37	2.51	ppb
Silver	107-1	1.80	1.87	1.83	1.83	2.11	ppb
Silver	109-1	1.80	1.84	1.81	1.82	1.12	ppb
Sodium	23-2	12565.95	12346.88	12172.17	12361.67	1.60	ppb
Strontium	86-1	3728.27	3734.72	3766.84	3743.27	0.55	ppb
Strontium	88-1	3762.79	3793.71	3735.46	3763.99	0.77	ppb
Sulfur	34-1	1397.63	1348.14	1229.07	1324.95	6.54	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.49	0.48	0.48	0.48	0.41	ppb
Thallium	205-1	0.49	0.50	0.49	0.49	1.57	ppb
Tin	118-1	150.43	158.22	155.19	154.61	2.54	ppb
Titanium	47-1	573.17	582.28	566.66	574.04	1.37	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:36:27	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.64	1.64	1.62	1.63	0.59	ppb
Vanadium	51-2	54.66	53.54	54.41	54.21	1.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	5342.38	5240.87	5232.78	5272.01	1.16	ppb
Zirconium	90-1	6.34	6.48	6.40	6.41	1.15	ppb
Zirconium	91-1	6.56	6.73	6.68	6.66	1.29	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:39:28	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2865.32	2835.19	2840.73	2847.08	0.56	ppb
Antimony	121-1	95.46	95.98	97.50	96.31	1.10	ppb
Arsenic	75-2	307.96	310.93	310.90	309.93	0.55	ppb
Barium	135-1	39.57	39.64	41.08	40.10	2.13	ppb
Barium	137-1	40.50	40.10	41.26	40.62	1.46	ppb
Beryllium	9-1	0.15	0.15	0.15	0.15	0.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	0.65	0.79	0.77	13.03	ppb
Cadmium	106-1	-0.07	-0.17	-0.19	-0.14		ppb
Cadmium	111-1	0.40	0.37	0.38	0.38	3.69	ppb
Calcium	43-1	3984.39	4018.72	4064.49	4022.53	1.00	ppb
Calcium	44-1	3796.06	3897.09	3794.06	3829.07	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.63	8.67	8.59	8.63	0.46	ppb
Cobalt	59-2	25.05	25.17	25.18	25.13	0.29	ppb
Copper	63-2	126.35	124.44	124.62	125.14	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	16835.97	16646.16	16685.90	16722.68	0.60	ppb
Iron	57-2	16396.11	16262.59	16773.59	16477.43	1.61	ppb
Iron	54-2	16702.77	16762.81	16692.25	16719.28	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:39:28	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	229.42	232.95	232.69	231.69	0.85	ppb
Lead	207-1	224.67	228.45	230.74	227.95	1.34	ppb
Lead	208-1	226.76	230.13	228.82	228.57	0.74	ppb
Lithium	6-1				99		%
Magnesium	24-2	1767.79	1758.83	1752.83	1759.82	0.43	ppb
Manganese	55-2	136.63	136.23	135.52	136.13	0.41	ppb
Molybdenum	94-1	5.62	5.57	5.60	5.60	0.38	ppb
Molybdenum	95-1	4.11	4.16	4.07	4.11	1.09	ppb
Molybdenum	96-1	4.33	4.38	4.32	4.34	0.66	ppb
Molybdenum	97-1	4.00	4.05	4.15	4.07	1.83	ppb
Molybdenum	98-1	3.99	4.07	4.06	4.04	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.00	9.88	9.85	9.91	0.80	ppb
Phosphorus	31-2	311.74	302.00	308.17	307.30	1.60	ppb
Potassium	39-2	834.17	828.92	824.00	829.03	0.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.14	0.10	-0.33	-0.03		ppb
Selenium	77-2	0.51	0.97	1.75	1.08	58.03	ppb
Selenium	78-2	-0.68	-0.68	-0.18	-0.51		ppb
Silicon	28-1	228.27	229.85	235.33	231.15	1.60	ppb
Silver	107-1	0.35	0.35	0.38	0.36	4.67	ppb
Silver	109-1	0.38	0.37	0.38	0.37	1.38	ppb
Sodium	23-2	2532.81	2545.07	2485.03	2520.97	1.26	ppb
Strontium	86-1	753.30	763.22	755.48	757.33	0.69	ppb
Strontium	88-1	758.25	764.85	764.60	762.57	0.49	ppb
Sulfur	34-1	-492.45	-411.20	-367.79	-423.81		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.11	0.11	0.11	1.78	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	1.98	ppb
Tin	118-1	30.70	30.77	31.33	30.93	1.11	ppb
Titanium	47-1	113.29	115.25	115.72	114.76	1.12	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:39:28	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.32	0.33	0.32	0.95	ppb
Vanadium	51-2	10.86	10.90	10.85	10.87	0.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1078.98	1065.16	1070.72	1071.62	0.65	ppb
Zirconium	90-1	1.30	1.26	1.31	1.29	1.74	ppb
Zirconium	91-1	1.33	1.37	1.42	1.37	3.55	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:42:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14476.76	14420.09	14364.95	14420.60	0.39	ppb
Antimony	121-1	466.27	477.80	470.65	471.57	1.23	ppb
Arsenic	75-2	1721.36	1750.00	1738.11	1736.49	0.83	ppb
Barium	135-1	607.50	621.58	623.74	617.61	1.43	ppb
Barium	137-1	612.39	629.68	634.97	625.68	1.89	ppb
Beryllium	9-1	10.90	11.38	11.51	11.26	2.84	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.65	101.50	103.74	102.30	1.22	ppb
Cadmium	106-1	99.37	98.85	101.82	100.01	1.59	ppb
Cadmium	111-1	111.18	112.10	112.36	111.88	0.55	ppb
Calcium	43-1	19501.59	19439.50	19880.09	19607.06	1.22	ppb
Calcium	44-1	18683.42	18703.40	18825.86	18737.56	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.88	84.73	83.76	84.12	0.63	ppb
Cobalt	59-2	229.77	230.83	224.55	228.38	1.47	ppb
Copper	63-2	657.90	656.22	655.58	656.57	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	81469.70	80212.38	80321.43	80667.84	0.86	ppb
Iron	57-2	79262.12	79373.93	79165.28	79267.11	0.13	ppb
Iron	54-2	80441.38	81345.45	80792.67	80859.83	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:42:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1336.97	1335.81	1369.40	1347.39	1.42	ppb
Lead	207-1	1298.83	1307.87	1326.98	1311.23	1.10	ppb
Lead	208-1	1314.97	1315.93	1341.06	1323.99	1.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	8959.44	8883.77	8820.38	8887.86	0.78	ppb
Manganese	55-2	756.33	762.99	757.36	758.89	0.47	ppb
Molybdenum	94-1	29.09	28.85	29.27	29.07	0.73	ppb
Molybdenum	95-1	21.68	21.53	21.82	21.67	0.68	ppb
Molybdenum	96-1	22.88	22.96	23.14	22.99	0.57	ppb
Molybdenum	97-1	21.75	22.03	21.87	21.88	0.64	ppb
Molybdenum	98-1	21.62	21.75	21.61	21.66	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.54	155.58	154.49	155.20	0.40	ppb
Phosphorus	31-2	1553.72	1548.01	1528.27	1543.33	0.87	ppb
Potassium	39-2	3856.40	3902.52	3802.16	3853.69	1.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	234.71	236.05	236.71	235.82	0.43	ppb
Selenium	77-2	229.30	249.42	243.90	240.87	4.31	ppb
Selenium	78-2	244.65	234.50	238.18	239.11	2.15	ppb
Silicon	28-1	1107.55	1101.94	1121.03	1110.18	0.88	ppb
Silver	107-1	12.45	12.72	12.82	12.67	1.50	ppb
Silver	109-1	12.54	12.64	12.65	12.61	0.49	ppb
Sodium	23-2	12141.08	12106.57	12068.51	12105.39	0.30	ppb
Strontium	86-1	3684.54	3697.14	3678.33	3686.67	0.26	ppb
Strontium	88-1	3651.88	3723.05	3716.99	3697.31	1.07	ppb
Sulfur	34-1	1068.79	1125.57	1284.41	1159.59	9.64	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	197.92	202.15	207.14	202.40	2.28	ppb
Thallium	205-1	198.98	199.11	204.98	201.02	1.70	ppb
Tin	118-1	150.22	150.82	152.31	151.12	0.71	ppb
Titanium	47-1	557.67	555.53	571.27	561.49	1.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:42:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.59	1.60	1.61	1.60	0.74	ppb
Vanadium	51-2	157.20	157.96	156.37	157.18	0.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	5250.10	5249.27	5251.65	5250.34	0.02	ppb
Zirconium	90-1	6.22	6.28	6.28	6.26	0.56	ppb
Zirconium	91-1	6.46	6.61	6.66	6.58	1.63	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18RE	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:45:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8088.82	8030.93	7925.47	8015.07	1.03	ppb
Antimony	121-1	9.84	10.50	10.59	10.31	3.98	ppb
Arsenic	75-2	18.86	19.07	18.29	18.74	2.15	ppb
Barium	135-1	172.56	186.80	187.96	182.44	4.70	ppb
Barium	137-1	176.98	188.92	190.72	185.54	4.03	ppb
Beryllium	9-1	1.30	1.39	1.45	1.38	5.62	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.92	6.70	6.86	6.49	7.73	ppb
Cadmium	106-1	5.93	6.76	5.77	6.15	8.65	ppb
Cadmium	111-1	5.79	6.26	6.12	6.06	3.94	ppb
Calcium	43-1	78735.36	82552.91	84244.49	81844.25	3.45	ppb
Calcium	44-1	77873.45	82718.78	83070.85	81221.03	3.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1221.94	1226.20	1229.43	1225.86	0.31	ppb
Cobalt	59-2	17.61	17.70	17.82	17.71	0.61	ppb
Copper	63-2	102.43	102.56	102.09	102.36	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	183317.44	182855.40	181931.77	182701.54	0.39	ppb
Iron	57-2	180398.32	179587.14	181717.41	180567.62	0.60	ppb
Iron	54-2	183477.31	184962.19	182889.10	183776.20	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18RE	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:45:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	810.23	877.26	870.74	852.75	4.33	ppb
Lead	207-1	764.09	818.93	813.49	798.83	3.78	ppb
Lead	208-1	782.19	834.40	827.02	814.53	3.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	15131.82	15107.04	15157.47	15132.11	0.17	ppb
Manganese	55-2	9657.16	9625.99	9628.74	9637.30	0.18	ppb
Molybdenum	94-1	23.99	25.70	25.64	25.11	3.87	ppb
Molybdenum	95-1	23.06	24.36	24.50	23.97	3.32	ppb
Molybdenum	96-1	23.93	25.69	25.41	25.01	3.79	ppb
Molybdenum	97-1	22.90	24.54	24.42	23.95	3.81	ppb
Molybdenum	98-1	22.69	24.19	24.26	23.71	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.96	453.40	452.64	453.33	0.15	ppb
Phosphorus	31-2	1329.57	1354.98	1318.00	1334.19	1.42	ppb
Potassium	39-2	1539.03	1530.22	1536.66	1535.31	0.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	82-1	1.10	1.10	1.67	1.29	25.34	ppb
Selenium	77-2	5.01	3.77	5.18	4.65	16.58	ppb
Selenium	78-2	-0.40	1.31	0.82	0.58	152.85	ppb
Silicon	28-1	681.38	712.90	717.53	703.94	2.79	ppb
Silver	107-1	3.09	3.23	3.23	3.18	2.61	ppb
Silver	109-1	3.06	3.22	3.27	3.18	3.47	ppb
Sodium	23-2	334.01	332.12	334.37	333.50	0.36	ppb
Strontium	86-1	3083.86	3300.31	3296.30	3226.82	3.84	ppb
Strontium	88-1	3079.64	3310.32	3275.09	3221.68	3.86	ppb
Sulfur	34-1	991.21	1236.43	1280.37	1169.34	13.33	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	1.29	1.42	1.38	1.36	5.12	ppb
Thallium	205-1	1.30	1.40	1.37	1.36	4.00	ppb
Tin	118-1	10.22	10.89	11.12	10.74	4.36	ppb
Titanium	47-1	392.79	412.24	415.08	406.70	2.98	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18RE	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:45:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.86	0.83	0.83	3.98	ppb
Vanadium	51-2	74.24	74.13	74.04	74.14	0.13	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	2343.57	2335.29	2350.92	2343.26	0.33	ppb
Zirconium	90-1	2.84	3.08	3.04	2.99	4.29	ppb
Zirconium	91-1	2.89	3.13	3.09	3.03	4.10	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:48:38	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7910.05	8032.76	7977.65	7973.49	0.77	ppb
Antimony	121-1	10.02	10.37	10.42	10.27	2.13	ppb
Arsenic	75-2	18.74	19.32	18.61	18.89	2.02	ppb
Barium	135-1	177.72	184.66	185.61	182.66	2.36	ppb
Barium	137-1	181.44	187.95	186.74	185.38	1.87	ppb
Beryllium	9-1	1.28	1.23	1.28	1.26	1.94	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.53	6.78	6.65	6.99	6.77	ppb
Cadmium	106-1	4.61	5.13	5.26	5.00	6.84	ppb
Cadmium	111-1	5.64	6.05	6.05	5.91	4.01	ppb
Calcium	43-1	80311.30	84062.15	84816.91	83063.45	2.91	ppb
Calcium	44-1	79155.29	83256.93	84300.90	82237.71	3.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1238.77	1218.43	1224.57	1227.26	0.85	ppb
Cobalt	59-2	18.00	17.57	17.56	17.71	1.42	ppb
Copper	63-2	102.88	102.27	103.20	102.78	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				105		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	183975.50	182048.64	182693.24	182905.79	0.54	ppb
Iron	57-2	182335.27	180709.48	181167.60	181404.12	0.46	ppb
Iron	54-2	184113.55	184990.04	182271.21	183791.60	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:48:38	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	835.42	868.45	875.91	859.93	2.51	ppb
Lead	207-1	770.94	811.75	832.56	805.08	3.89	ppb
Lead	208-1	794.54	836.03	839.81	823.46	3.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	15111.58	14925.87	15027.23	15021.56	0.62	ppb
Manganese	55-2	9735.86	9625.25	9658.44	9673.18	0.59	ppb
Molybdenum	94-1	24.19	25.21	25.57	24.99	2.86	ppb
Molybdenum	95-1	22.95	24.42	24.45	23.94	3.59	ppb
Molybdenum	96-1	24.59	25.17	25.86	25.21	2.53	ppb
Molybdenum	97-1	23.48	24.18	24.61	24.09	2.35	ppb
Molybdenum	98-1	23.21	24.22	24.44	23.95	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.01	453.77	453.25	453.01	0.20	ppb
Phosphorus	31-2	1360.80	1359.72	1332.74	1351.09	1.18	ppb
Potassium	39-2	1519.83	1521.06	1522.26	1521.05	0.08	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	1.26	1.33	0.73	1.11	29.54	ppb
Selenium	77-2	5.03	4.06	4.58	4.56	10.74	ppb
Selenium	78-2	1.34	0.27	0.61	0.74	74.14	ppb
Silicon	28-1	682.97	715.47	722.61	707.01	2.99	ppb
Silver	107-1	3.06	3.16	3.15	3.12	1.86	ppb
Silver	109-1	3.06	3.14	3.15	3.12	1.54	ppb
Sodium	23-2	332.44	332.16	333.52	332.71	0.22	ppb
Strontium	86-1	3116.16	3232.51	3297.50	3215.39	2.86	ppb
Strontium	88-1	3180.28	3256.16	3305.42	3247.29	1.94	ppb
Sulfur	34-1	857.80	1024.85	1082.86	988.50	11.82	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	1.32	1.36	1.37	1.35	1.86	ppb
Thallium	205-1	1.29	1.34	1.40	1.34	4.07	ppb
Tin	118-1	10.32	10.83	10.83	10.66	2.73	ppb
Titanium	47-1	392.21	414.95	417.44	408.20	3.41	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:48:38	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.84	0.87	0.85	2.30	ppb
Vanadium	51-2	73.95	73.89	73.29	73.71	0.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	2368.49	2354.23	2335.70	2352.81	0.70	ppb
Zirconium	90-1	2.91	3.07	3.06	3.01	2.90	ppb
Zirconium	91-1	2.95	3.10	3.19	3.08	3.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LREX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:51:40	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1598.46	1604.57	1611.52	1604.85	0.41	ppb
Antimony	121-1	2.14	2.03	2.13	2.10	3.01	ppb
Arsenic	75-2	3.86	4.18	3.81	3.95	5.02	ppb
Barium	135-1	38.86	37.70	38.17	38.24	1.53	ppb
Barium	137-1	39.19	38.10	38.23	38.51	1.56	ppb
Beryllium	9-1	0.29	0.28	0.28	0.28	3.41	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.32	1.27	1.29	1.95	ppb
Cadmium	106-1	0.16	-0.59	-0.42	-0.28		ppb
Cadmium	111-1	1.17	1.09	1.13	1.13	3.71	ppb
Calcium	43-1	18214.74	17943.23	17664.53	17940.83	1.53	ppb
Calcium	44-1	17376.49	17146.76	16959.00	17160.75	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.26	251.40	252.84	251.50	0.51	ppb
Cobalt	59-2	3.64	3.68	3.66	3.66	0.47	ppb
Copper	63-2	21.28	21.53	21.45	21.42	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				101		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	37588.98	37747.96	38373.47	37903.47	1.09	ppb
Iron	57-2	37013.94	37324.97	37464.07	37267.66	0.62	ppb
Iron	54-2	37635.69	37918.74	38194.78	37916.40	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LREX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:51:40	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	187.36	180.71	176.71	181.59	2.96	ppb
Lead	207-1	169.71	162.71	163.12	165.18	2.38	ppb
Lead	208-1	177.75	170.64	171.68	173.36	2.22	ppb
Lithium	6-1				97		%
Magnesium	24-2	3042.77	3126.50	3134.31	3101.19	1.64	ppb
Manganese	55-2	1978.81	1978.88	2004.47	1987.39	0.74	ppb
Molybdenum	94-1	5.38	5.26	5.17	5.27	1.92	ppb
Molybdenum	95-1	5.15	5.12	5.08	5.12	0.67	ppb
Molybdenum	96-1	5.41	5.30	5.35	5.36	1.03	ppb
Molybdenum	97-1	5.14	5.05	5.26	5.15	2.04	ppb
Molybdenum	98-1	5.15	4.99	5.15	5.10	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.19	94.50	94.63	94.44	0.24	ppb
Phosphorus	31-2	277.96	275.17	265.42	272.85	2.41	ppb
Potassium	39-2	315.86	316.09	321.46	317.80	1.00	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	-0.30	-0.48	-0.36	-0.38		ppb
Selenium	77-2	1.26	0.77	0.24	0.76	67.64	ppb
Selenium	78-2	-0.17	-1.62	-1.64	-1.14		ppb
Silicon	28-1	155.53	151.17	148.18	151.63	2.44	ppb
Silver	107-1	0.64	0.64	0.62	0.63	1.77	ppb
Silver	109-1	0.67	0.65	0.63	0.65	2.98	ppb
Sodium	23-2	93.12	84.67	85.71	87.83	5.25	ppb
Strontium	86-1	693.15	685.91	678.11	685.73	1.10	ppb
Strontium	88-1	702.82	687.55	684.30	691.56	1.43	ppb
Sulfur	34-1	-104.82	-209.44	-279.62	-197.96		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.30	0.28	0.28	0.28	3.75	ppb
Thallium	205-1	0.30	0.28	0.28	0.29	3.24	ppb
Tin	118-1	2.25	2.17	2.23	2.22	2.06	ppb
Titanium	47-1	86.34	86.28	85.24	85.96	0.72	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LREX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:51:40	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.17	0.17	0.17	2.53	ppb
Vanadium	51-2	14.98	15.35	15.09	15.14	1.23	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	491.13	497.09	498.17	495.47	0.76	ppb
Zirconium	90-1	0.61	0.62	0.62	0.62	1.00	ppb
Zirconium	91-1	0.65	0.62	0.65	0.64	2.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:54:52	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8363.90	8216.46	8316.56	8298.98	0.91	ppb
Antimony	121-1	10.21	10.24	10.27	10.24	0.30	ppb
Arsenic	75-2	236.99	236.31	234.03	235.78	0.66	ppb
Barium	135-1	581.66	586.50	589.56	585.90	0.68	ppb
Barium	137-1	597.09	588.56	594.86	593.51	0.75	ppb
Beryllium	9-1	11.06	11.22	11.30	11.19	1.11	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	98.35	100.10	98.02	98.82	1.13	ppb
Cadmium	106-1	94.68	94.99	96.00	95.23	0.73	ppb
Cadmium	111-1	111.01	111.36	110.50	110.96	0.39	ppb
Calcium	43-1	81681.42	81729.53	83977.94	82462.96	1.59	ppb
Calcium	44-1	81179.66	81877.56	82233.54	81763.59	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1257.26	1230.48	1256.68	1248.14	1.23	ppb
Cobalt	59-2	123.24	123.05	122.84	123.04	0.16	ppb
Copper	63-2	151.28	151.78	151.71	151.59	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				104		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	179680.68	180707.32	180727.86	180371.95	0.33	ppb
Iron	57-2	177593.30	179515.26	178873.61	178660.72	0.55	ppb
Iron	54-2	180309.22	180951.79	181208.82	180823.28	0.26	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:54:52	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1048.12	1057.71	1059.21	1055.01	0.57	ppb
Lead	207-1	986.19	990.48	981.52	986.06	0.45	ppb
Lead	208-1	1004.79	1008.64	1007.09	1006.84	0.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	14893.86	14932.20	14802.11	14876.06	0.45	ppb
Manganese	55-2	9636.30	9597.00	9589.14	9607.48	0.26	ppb
Molybdenum	94-1	26.45	26.80	27.06	26.77	1.15	ppb
Molybdenum	95-1	25.61	26.34	26.01	25.99	1.40	ppb
Molybdenum	96-1	26.49	27.35	27.39	27.08	1.88	ppb
Molybdenum	97-1	25.60	26.55	26.29	26.15	1.89	ppb
Molybdenum	98-1	25.54	26.05	25.78	25.79	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.43	552.14	552.94	552.83	0.12	ppb
Phosphorus	31-2	1283.94	1293.75	1310.24	1295.98	1.03	ppb
Potassium	39-2	1495.62	1497.97	1496.96	1496.85	0.08	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	228.97	230.11	230.87	229.98	0.42	ppb
Selenium	77-2	229.48	236.59	231.08	232.38	1.61	ppb
Selenium	78-2	234.71	228.44	235.39	232.85	1.64	ppb
Silicon	28-1	700.06	705.17	707.46	704.23	0.54	ppb
Silver	107-1	13.22	13.21	13.38	13.27	0.75	ppb
Silver	109-1	13.26	13.24	13.36	13.29	0.49	ppb
Sodium	23-2	322.52	322.26	322.12	322.30	0.06	ppb
Strontium	86-1	3192.46	3231.78	3230.47	3218.23	0.69	ppb
Strontium	88-1	3180.85	3270.97	3204.91	3218.91	1.45	ppb
Sulfur	34-1	947.07	843.41	956.11	915.53	6.84	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	196.39	202.62	198.98	199.33	1.57	ppb
Thallium	205-1	194.66	199.19	198.31	197.38	1.22	ppb
Tin	118-1	10.51	10.72	10.72	10.65	1.16	ppb
Titanium	47-1	404.94	406.79	407.15	406.29	0.29	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:54:52	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	0.84	0.84	0.84	ppb
Vanadium	51-2	176.12	176.45	175.98	176.18	0.14	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	2422.06	2457.44	2453.56	2444.35	0.79	ppb
Zirconium	90-1	2.92	2.99	2.97	2.96	1.24	ppb
Zirconium	91-1	2.94	3.14	3.07	3.05	3.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04	Instrumnet Name :	P7
Client Sample ID :	ME28X0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15461.52	15315.18	15270.53	15349.08	0.65	ppb
Antimony	121-1	0.59	0.61	0.61	0.60	1.72	ppb
Arsenic	75-2	16.97	17.17	17.21	17.12	0.77	ppb
Barium	135-1	169.95	170.56	170.56	170.36	0.21	ppb
Barium	137-1	171.57	173.64	173.57	172.93	0.68	ppb
Beryllium	9-1	1.11	1.06	1.04	1.07	3.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	0.99	0.99	0.97	4.70	ppb
Cadmium	106-1	-0.19	-0.55	-0.70	-0.48		ppb
Cadmium	111-1	0.78	0.68	0.70	0.72	7.50	ppb
Calcium	43-1	74642.65	73982.70	73260.85	73962.07	0.93	ppb
Calcium	44-1	73434.73	73295.20	73378.59	73369.50	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.39	38.09	38.45	38.31	0.50	ppb
Cobalt	59-2	21.85	21.82	22.06	21.91	0.59	ppb
Copper	63-2	50.30	50.19	50.39	50.29	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				103		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	44342.24	43869.89	43854.86	44022.33	0.63	ppb
Iron	57-2	43608.51	43503.02	43621.85	43577.79	0.15	ppb
Iron	54-2	44051.79	43763.04	43884.16	43899.66	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04	Instrumnet Name :	P7
Client Sample ID :	ME28X0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.69	53.36	53.16	53.07	0.65	ppb
Lead	207-1	48.36	49.90	49.03	49.10	1.58	ppb
Lead	208-1	50.01	50.90	50.58	50.49	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	32754.25	32537.76	32589.53	32627.18	0.35	ppb
Manganese	55-2	1047.46	1039.20	1039.01	1041.89	0.46	ppb
Molybdenum	94-1	6.88	6.85	7.11	6.95	2.09	ppb
Molybdenum	95-1	2.87	2.81	2.83	2.84	1.12	ppb
Molybdenum	96-1	3.54	3.45	3.50	3.50	1.29	ppb
Molybdenum	97-1	2.84	2.86	2.87	2.86	0.58	ppb
Molybdenum	98-1	2.82	2.78	2.84	2.82	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.41	57.70	57.67	57.92	0.72	ppb
Phosphorus	31-2	1067.48	1029.87	1049.22	1048.86	1.79	ppb
Potassium	39-2	2409.42	2369.08	2455.89	2411.46	1.80	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	0.30	0.33	0.07	0.24	59.89	ppb
Selenium	77-2	7.08	11.00	10.38	9.49	22.25	ppb
Selenium	78-2	0.72	0.28	1.17	0.73	61.46	ppb
Silicon	28-1	790.83	794.26	803.94	796.34	0.85	ppb
Silver	107-1	0.26	0.25	0.22	0.24	8.45	ppb
Silver	109-1	0.25	0.24	0.22	0.24	6.97	ppb
Sodium	23-2	224.17	226.11	227.99	226.09	0.84	ppb
Strontium	86-1	1937.39	1927.50	1981.38	1948.76	1.47	ppb
Strontium	88-1	1951.98	1954.91	1964.74	1957.21	0.34	ppb
Sulfur	34-1	438.21	528.08	589.69	518.66	14.69	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.40	0.42	0.40	0.40	2.54	ppb
Thallium	205-1	0.39	0.41	0.40	0.40	1.79	ppb
Tin	118-1	1.73	1.78	1.75	1.76	1.44	ppb
Titanium	47-1	241.86	241.70	242.93	242.16	0.28	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04	Instrumnet Name :	P7
Client Sample ID :	ME28X0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.36	1.38	1.37	0.63	ppb
Vanadium	51-2	46.83	46.38	46.29	46.50	0.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	178.22	178.00	179.98	178.73	0.61	ppb
Zirconium	90-1	2.50	2.51	2.53	2.51	0.60	ppb
Zirconium	91-1	2.50	2.42	2.50	2.47	1.95	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-05	Instrumnet Name :	P7
Client Sample ID :	ME28X0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:00:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15234.18	15216.27	15598.18	15349.54	1.40	ppb
Antimony	121-1	0.59	0.60	0.63	0.61	3.51	ppb
Arsenic	75-2	16.61	16.58	17.40	16.86	2.76	ppb
Barium	135-1	169.37	171.07	170.50	170.31	0.51	ppb
Barium	137-1	170.69	174.90	173.22	172.94	1.23	ppb
Beryllium	9-1	1.06	1.03	1.00	1.03	2.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	0.89	0.85	0.94	13.76	ppb
Cadmium	106-1	-0.84	-0.10	-0.62	-0.52		ppb
Cadmium	111-1	0.64	0.76	0.67	0.69	9.46	ppb
Calcium	43-1	72513.02	73535.66	73852.94	73300.54	0.96	ppb
Calcium	44-1	71833.15	72805.54	72002.26	72213.65	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.64	38.00	38.57	38.07	1.23	ppb
Cobalt	59-2	21.79	21.72	22.38	21.96	1.64	ppb
Copper	63-2	50.08	49.96	51.25	50.43	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	43255.27	43358.22	44329.53	43647.68	1.36	ppb
Iron	57-2	43436.13	42587.46	44348.42	43457.34	2.03	ppb
Iron	54-2	43337.02	43449.76	44222.94	43669.91	1.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-05	Instrumnet Name :	P7
Client Sample ID :	ME28X0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:00:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.38	52.82	53.27	52.82	0.85	ppb
Lead	207-1	48.34	48.91	49.32	48.86	1.01	ppb
Lead	208-1	49.90	50.38	50.64	50.31	0.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	32151.17	32119.46	32968.03	32412.89	1.48	ppb
Manganese	55-2	1033.10	1023.50	1038.39	1031.66	0.73	ppb
Molybdenum	94-1	6.71	7.05	6.81	6.86	2.58	ppb
Molybdenum	95-1	2.77	2.91	2.84	2.84	2.42	ppb
Molybdenum	96-1	3.42	3.46	3.59	3.49	2.61	ppb
Molybdenum	97-1	2.84	2.83	2.84	2.84	0.15	ppb
Molybdenum	98-1	2.83	2.86	2.82	2.84	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.27	57.76	58.94	57.99	1.48	ppb
Phosphorus	31-2	1049.65	1007.24	1041.99	1032.96	2.19	ppb
Potassium	39-2	2354.74	2565.53	2449.32	2456.53	4.30	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	0.20	0.20	0.12	0.18	26.05	ppb
Selenium	77-2	7.71	8.04	6.68	7.48	9.47	ppb
Selenium	78-2	0.11	1.15	-0.17	0.36	191.86	ppb
Silicon	28-1	780.59	800.42	793.77	791.59	1.27	ppb
Silver	107-1	0.21	0.21	0.23	0.22	4.55	ppb
Silver	109-1	0.21	0.21	0.21	0.21	1.34	ppb
Sodium	23-2	224.08	223.98	231.93	226.66	2.01	ppb
Strontium	86-1	1893.34	1957.49	1937.64	1929.49	1.70	ppb
Strontium	88-1	1934.50	1975.75	1975.68	1961.98	1.21	ppb
Sulfur	34-1	594.44	681.32	664.02	646.59	7.11	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.35	0.36	0.36	0.36	2.16	ppb
Thallium	205-1	0.37	0.37	0.38	0.37	1.23	ppb
Tin	118-1	1.71	1.76	1.70	1.72	2.08	ppb
Titanium	47-1	237.42	242.16	240.24	239.94	0.99	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-05	Instrumnet Name :	P7
Client Sample ID :	ME28X0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:00:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.34	1.36	1.37	1.35	0.96	ppb
Vanadium	51-2	45.69	45.97	47.00	46.22	1.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	175.42	176.39	179.15	176.99	1.09	ppb
Zirconium	90-1	2.48	2.61	2.52	2.54	2.61	ppb
Zirconium	91-1	2.48	2.56	2.54	2.53	1.57	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28X0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 17:04:06	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2988.51	3002.77	2993.87	2995.05	0.24	ppb
Antimony	121-1	0.11	0.13	0.13	0.12	8.95	ppb
Arsenic	75-2	3.25	3.56	3.17	3.33	6.16	ppb
Barium	135-1	33.76	35.06	34.31	34.38	1.90	ppb
Barium	137-1	34.40	35.23	34.73	34.79	1.20	ppb
Beryllium	9-1	0.25	0.21	0.25	0.23	10.43	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.20	0.27	0.21	24.72	ppb
Cadmium	106-1	-1.78	-1.39	-1.68	-1.61		ppb
Cadmium	111-1	0.06	0.06	0.04	0.05	16.08	ppb
Calcium	43-1	15109.41	15103.17	15253.45	15155.34	0.56	ppb
Calcium	44-1	14403.10	14438.54	14476.89	14439.51	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.72	7.64	7.55	7.64	1.12	ppb
Cobalt	59-2	4.43	4.47	4.44	4.45	0.50	ppb
Copper	63-2	10.31	10.24	10.07	10.21	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	8907.90	8825.06	8761.54	8831.50	0.83	ppb
Iron	57-2	8976.75	9023.88	8884.49	8961.71	0.79	ppb
Iron	54-2	8926.82	8949.26	8682.45	8852.85	1.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28X0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 17:04:06	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.26	10.59	10.63	10.49	1.94	ppb
Lead	207-1	9.52	9.71	9.68	9.64	1.04	ppb
Lead	208-1	9.75	10.00	10.01	9.92	1.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	6523.38	6534.12	6614.66	6557.38	0.76	ppb
Manganese	55-2	207.05	207.48	207.63	207.39	0.14	ppb
Molybdenum	94-1	1.39	1.40	1.43	1.41	1.49	ppb
Molybdenum	95-1	0.55	0.59	0.58	0.57	4.32	ppb
Molybdenum	96-1	0.72	0.74	0.74	0.73	2.09	ppb
Molybdenum	97-1	0.56	0.57	0.58	0.57	2.36	ppb
Molybdenum	98-1	0.55	0.55	0.59	0.56	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.49	11.62	11.63	11.58	0.67	ppb
Phosphorus	31-2	204.25	203.03	189.33	198.87	4.17	ppb
Potassium	39-2	504.44	505.83	504.36	504.88	0.16	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	-0.33	-0.97	-0.68	-0.66		ppb
Selenium	77-2	2.11	2.29	1.75	2.05	13.58	ppb
Selenium	78-2	-0.82	0.42	-0.48	-0.29		ppb
Silicon	28-1	163.25	161.19	161.95	162.13	0.64	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.58	ppb
Silver	109-1	0.04	0.05	0.05	0.04	4.25	ppb
Sodium	23-2	64.27	63.00	61.87	63.05	1.91	ppb
Strontium	86-1	388.59	396.27	400.44	395.10	1.52	ppb
Strontium	88-1	394.78	397.67	403.28	398.57	1.08	ppb
Sulfur	34-1	63.37	64.17	120.33	82.62	39.53	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.08	0.07	0.07	10.26	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	0.79	ppb
Tin	118-1	0.33	0.33	0.36	0.34	4.75	ppb
Titanium	47-1	47.83	48.01	48.61	48.15	0.85	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28X0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 17:04:06	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.27	0.27	0.26	4.45	ppb
Vanadium	51-2	9.33	9.34	9.16	9.27	1.09	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	35.71	35.75	35.06	35.51	1.08	ppb
Zirconium	90-1	0.48	0.51	0.52	0.50	4.13	ppb
Zirconium	91-1	0.49	0.48	0.52	0.50	4.08	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-06	Instrumnet Name :	P7
Client Sample ID :	ME28X0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:07:20	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15574.59	15403.04	15459.58	15479.07	0.56	ppb
Antimony	121-1	0.60	0.59	0.59	0.59	1.34	ppb
Arsenic	75-2	227.92	227.69	228.07	227.89	0.08	ppb
Barium	135-1	582.91	575.83	582.06	580.27	0.67	ppb
Barium	137-1	583.05	569.63	585.20	579.29	1.46	ppb
Beryllium	9-1	11.09	10.92	10.65	10.89	2.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.79	92.03	95.03	94.28	2.11	ppb
Cadmium	106-1	92.53	90.93	91.73	91.73	0.87	ppb
Cadmium	111-1	105.40	105.99	106.31	105.90	0.44	ppb
Calcium	43-1	71594.68	70864.45	72383.68	71614.27	1.06	ppb
Calcium	44-1	71431.03	70381.75	71753.49	71188.75	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.96	79.51	79.39	79.62	0.38	ppb
Cobalt	59-2	126.63	126.68	126.82	126.71	0.08	ppb
Copper	63-2	100.56	99.92	100.03	100.17	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				99		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	43408.82	43488.12	43445.17	43447.37	0.09	ppb
Iron	57-2	43398.24	42824.26	43338.93	43187.14	0.73	ppb
Iron	54-2	43453.38	43594.87	43247.50	43431.92	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-06	Instrumnet Name :	P7
Client Sample ID :	ME28X0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:07:20	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	264.92	261.94	266.67	264.51	0.90	ppb
Lead	207-1	246.61	243.95	246.68	245.75	0.63	ppb
Lead	208-1	252.95	250.29	255.33	252.86	1.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	32251.44	32119.97	32105.64	32159.01	0.25	ppb
Manganese	55-2	1134.88	1138.31	1143.06	1138.75	0.36	ppb
Molybdenum	94-1	8.50	8.33	8.39	8.41	1.06	ppb
Molybdenum	95-1	4.77	4.76	4.73	4.75	0.46	ppb
Molybdenum	96-1	5.41	5.40	5.49	5.43	0.88	ppb
Molybdenum	97-1	4.77	4.78	4.78	4.78	0.19	ppb
Molybdenum	98-1	4.79	4.74	4.80	4.78	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	163.50	162.32	162.41	162.74	0.40	ppb
Phosphorus	31-2	1018.54	1016.44	1062.11	1032.36	2.50	ppb
Potassium	39-2	2384.10	2414.06	2364.14	2387.43	1.05	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	226.33	224.67	228.22	226.41	0.78	ppb
Selenium	77-2	239.84	237.84	223.03	233.57	3.93	ppb
Selenium	78-2	225.76	224.51	227.99	226.09	0.78	ppb
Silicon	28-1	780.26	780.78	789.23	783.42	0.64	ppb
Silver	107-1	10.33	10.40	10.56	10.43	1.15	ppb
Silver	109-1	10.46	10.42	10.62	10.50	1.01	ppb
Sodium	23-2	221.94	218.93	220.27	220.38	0.68	ppb
Strontium	86-1	1923.94	1891.17	1918.86	1911.32	0.92	ppb
Strontium	88-1	1936.40	1920.65	1932.42	1929.82	0.42	ppb
Sulfur	34-1	737.23	734.92	815.41	762.52	6.01	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	202.80	198.22	203.83	201.62	1.48	ppb
Thallium	205-1	199.41	198.58	200.67	199.55	0.53	ppb
Tin	118-1	1.74	1.69	1.72	1.72	1.38	ppb
Titanium	47-1	235.13	237.10	240.96	237.73	1.25	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-06	Instrumnet Name :	P7
Client Sample ID :	ME28X0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:07:20	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.33	1.33	1.36	1.34	1.21	ppb
Vanadium	51-2	148.54	149.61	148.65	148.93	0.39	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	284.97	280.09	281.34	282.14	0.90	ppb
Zirconium	90-1	2.45	2.44	2.50	2.46	1.26	ppb
Zirconium	91-1	2.55	2.52	2.54	2.54	0.56	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-01	Instrumnet Name :	P7
Client Sample ID :	ME28Y6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:10:20	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13009.91	12956.58	13072.37	13012.95	0.45	ppb
Antimony	121-1	1.17	1.10	1.13	1.13	3.11	ppb
Arsenic	75-2	15.18	15.16	15.85	15.39	2.57	ppb
Barium	135-1	198.15	196.92	196.16	197.08	0.51	ppb
Barium	137-1	200.24	200.07	200.16	200.16	0.04	ppb
Beryllium	9-1	0.89	0.89	0.86	0.88	1.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.53	2.18	2.23	2.32	8.16	ppb
Cadmium	106-1	2.03	2.01	1.97	2.00	1.68	ppb
Cadmium	111-1	1.49	1.48	1.49	1.49	0.38	ppb
Calcium	43-1	152496.14	155588.22	150464.11	152849.49	1.69	ppb
Calcium	44-1	151598.37	152435.24	149849.65	151294.42	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.17	29.63	29.45	29.42	0.79	ppb
Cobalt	59-2	19.71	19.98	19.81	19.83	0.69	ppb
Copper	63-2	38.98	39.28	39.26	39.17	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	40057.16	40118.09	40133.79	40103.02	0.10	ppb
Iron	57-2	40497.03	39837.66	40349.22	40227.97	0.86	ppb
Iron	54-2	40044.76	40015.79	39809.66	39956.74	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-01	Instrumnet Name :	P7
Client Sample ID :	ME28Y6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:10:20	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.72	20.13	20.01	19.95	1.04	ppb
Lead	207-1	17.67	17.95	17.10	17.57	2.45	ppb
Lead	208-1	18.29	18.60	18.24	18.38	1.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	45782.56	45745.92	45953.92	45827.47	0.24	ppb
Manganese	55-2	650.10	653.63	665.38	656.37	1.22	ppb
Molybdenum	94-1	31.17	31.53	31.92	31.54	1.19	ppb
Molybdenum	95-1	11.89	11.97	11.93	11.93	0.35	ppb
Molybdenum	96-1	14.10	14.53	14.25	14.29	1.53	ppb
Molybdenum	97-1	12.04	12.22	12.38	12.21	1.39	ppb
Molybdenum	98-1	11.91	11.91	12.02	11.95	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.07	59.60	59.31	59.32	0.45	ppb
Phosphorus	31-2	737.53	730.50	724.93	730.99	0.86	ppb
Potassium	39-2	2235.57	2274.43	2260.31	2256.77	0.87	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	1.35	1.32	1.00	1.22	15.89	ppb
Selenium	77-2	6.45	8.24	8.94	7.88	16.34	ppb
Selenium	78-2	2.16	0.89	1.38	1.47	43.41	ppb
Silicon	28-1	635.18	646.68	642.73	641.53	0.91	ppb
Silver	107-1	0.19	0.18	0.16	0.18	6.73	ppb
Silver	109-1	0.19	0.17	0.16	0.17	9.99	ppb
Sodium	23-2	272.80	275.88	270.39	273.02	1.01	ppb
Strontium	86-1	16008.28	16088.59	15992.84	16029.90	0.32	ppb
Strontium	88-1	15907.47	16021.74	16086.96	16005.39	0.57	ppb
Sulfur	34-1	6551.39	6660.55	6580.09	6597.34	0.86	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.38	0.35	0.35	0.36	5.45	ppb
Thallium	205-1	0.35	0.37	0.33	0.35	4.79	ppb
Tin	118-1	0.56	0.52	0.57	0.55	4.88	ppb
Titanium	47-1	207.05	211.18	209.36	209.19	0.99	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-01	Instrumnet Name :	P7
Client Sample ID :	ME28Y6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:10:20	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.59	3.65	3.55	3.60	1.33	ppb
Vanadium	51-2	45.88	46.03	46.07	45.99	0.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	139.66	139.48	137.26	138.80	0.96	ppb
Zirconium	90-1	11.91	12.24	12.10	12.08	1.34	ppb
Zirconium	91-1	11.99	12.32	12.22	12.18	1.40	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-02	Instrumnet Name :	P7
Client Sample ID :	ME28Y7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:13:29	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15736.66	15617.02	15812.55	15722.08	0.63	ppb
Antimony	121-1	0.72	0.73	0.74	0.73	1.15	ppb
Arsenic	75-2	16.52	16.48	16.99	16.67	1.70	ppb
Barium	135-1	148.57	152.90	153.27	151.58	1.72	ppb
Barium	137-1	149.78	154.72	153.88	152.80	1.73	ppb
Beryllium	9-1	1.13	1.08	1.01	1.07	5.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.05	1.01	1.06	4.87	ppb
Cadmium	106-1	-0.28	0.10	-0.39	-0.19		ppb
Cadmium	111-1	0.74	0.81	0.81	0.79	5.61	ppb
Calcium	43-1	89907.11	91569.71	91678.16	91051.66	1.09	ppb
Calcium	44-1	87503.33	91262.15	90713.88	89826.45	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.14	82.20	82.92	82.75	0.59	ppb
Cobalt	59-2	21.09	21.03	21.19	21.10	0.38	ppb
Copper	63-2	40.17	39.32	39.81	39.77	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				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	53007.22	52417.31	52901.30	52775.28	0.60	ppb
Iron	57-2	52344.55	52094.72	52801.03	52413.43	0.68	ppb
Iron	54-2	52638.54	52048.24	52771.17	52485.98	0.73	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-02	Instrumnet Name :	P7
Client Sample ID :	ME28Y7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:13:29	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.77	75.27	77.05	75.36	2.17	ppb
Lead	207-1	67.14	69.01	70.90	69.02	2.73	ppb
Lead	208-1	69.47	71.21	72.81	71.17	2.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	32128.75	32137.92	32325.09	32197.26	0.34	ppb
Manganese	55-2	1381.31	1360.27	1379.86	1373.81	0.86	ppb
Molybdenum	94-1	7.82	8.09	8.36	8.09	3.33	ppb
Molybdenum	95-1	3.27	3.28	3.30	3.28	0.53	ppb
Molybdenum	96-1	4.01	4.10	4.21	4.11	2.34	ppb
Molybdenum	97-1	3.23	3.30	3.50	3.34	4.11	ppb
Molybdenum	98-1	3.21	3.24	3.30	3.25	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.83	58.74	59.34	59.30	0.92	ppb
Phosphorus	31-2	918.99	931.43	951.87	934.09	1.78	ppb
Potassium	39-2	2411.90	2381.51	2429.10	2407.50	1.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	0.49	0.23	0.24	0.32	45.61	ppb
Selenium	77-2	8.98	9.83	8.89	9.23	5.61	ppb
Selenium	78-2	1.26	0.61	1.86	1.24	50.34	ppb
Silicon	28-1	621.51	653.66	650.46	641.88	2.76	ppb
Silver	107-1	0.26	0.28	0.28	0.28	4.47	ppb
Silver	109-1	0.28	0.29	0.29	0.29	1.37	ppb
Sodium	23-2	213.02	209.72	213.25	212.00	0.93	ppb
Strontium	86-1	2545.00	2608.10	2664.98	2606.03	2.30	ppb
Strontium	88-1	2584.40	2644.37	2679.07	2635.95	1.82	ppb
Sulfur	34-1	872.31	1071.26	1002.29	981.96	10.29	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.34	0.36	0.39	0.36	6.43	ppb
Thallium	205-1	0.36	0.37	0.38	0.37	3.02	ppb
Tin	118-1	1.36	1.38	1.45	1.40	3.34	ppb
Titanium	47-1	215.93	223.66	223.07	220.89	1.95	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-02	Instrumnet Name :	P7
Client Sample ID :	ME28Y7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:13:29	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.51	1.53	1.59	1.55	2.76	ppb
Vanadium	51-2	55.91	55.56	55.76	55.74	0.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	231.18	227.08	230.15	229.47	0.93	ppb
Zirconium	90-1	2.92	2.96	3.03	2.97	1.88	ppb
Zirconium	91-1	2.87	2.93	3.07	2.96	3.45	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-03	Instrumnet Name :	P7
Client Sample ID :	ME28Y8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:16:35	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15521.83	15565.69	15425.42	15504.31	0.46	ppb
Antimony	121-1	1.09	1.11	1.15	1.12	2.76	ppb
Arsenic	75-2	20.70	21.27	20.98	20.98	1.36	ppb
Barium	135-1	180.30	180.98	181.59	180.96	0.36	ppb
Barium	137-1	182.01	183.20	183.46	182.89	0.42	ppb
Beryllium	9-1	1.22	1.37	1.36	1.32	6.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.96	1.84	1.76	14.11	ppb
Cadmium	106-1	0.72	1.46	1.48	1.22	35.41	ppb
Cadmium	111-1	1.55	1.57	1.52	1.55	1.75	ppb
Calcium	43-1	88518.83	91052.21	91052.20	90207.75	1.62	ppb
Calcium	44-1	88192.36	89616.89	90814.72	89541.32	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.35	75.70	74.64	74.89	0.95	ppb
Cobalt	59-2	22.58	22.60	22.85	22.68	0.65	ppb
Copper	63-2	55.46	55.12	54.76	55.11	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	63490.75	64345.58	63629.97	63822.10	0.72	ppb
Iron	57-2	63377.79	63159.76	62928.04	63155.20	0.36	ppb
Iron	54-2	63874.88	63871.59	63163.55	63636.67	0.64	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-03	Instrumnet Name :	P7
Client Sample ID :	ME28Y8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:16:35	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	147.25	149.66	149.40	148.77	0.89	ppb
Lead	207-1	134.84	137.70	137.53	136.69	1.17	ppb
Lead	208-1	141.46	143.88	144.44	143.26	1.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	36176.89	36382.80	36072.04	36210.58	0.44	ppb
Manganese	55-2	1825.00	1844.10	1852.02	1840.37	0.75	ppb
Molybdenum	94-1	8.51	8.73	8.67	8.64	1.33	ppb
Molybdenum	95-1	4.46	4.47	4.57	4.50	1.29	ppb
Molybdenum	96-1	5.26	5.44	5.33	5.34	1.64	ppb
Molybdenum	97-1	4.50	4.46	4.60	4.52	1.62	ppb
Molybdenum	98-1	4.53	4.44	4.52	4.50	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.23	76.03	75.18	75.48	0.63	ppb
Phosphorus	31-2	1098.97	1109.41	1090.89	1099.76	0.84	ppb
Potassium	39-2	2140.03	2246.79	2150.76	2179.20	2.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.62	0.98	0.70	0.77	25.24	ppb
Selenium	77-2	7.48	8.47	11.33	9.09	21.97	ppb
Selenium	78-2	1.12	0.90	1.19	1.07	13.84	ppb
Silicon	28-1	849.58	855.35	949.26	884.73	6.33	ppb
Silver	107-1	0.47	0.48	0.51	0.49	4.23	ppb
Silver	109-1	0.51	0.50	0.50	0.50	1.36	ppb
Sodium	23-2	233.56	233.19	232.99	233.25	0.12	ppb
Strontium	86-1	2231.65	2257.75	2292.26	2260.55	1.34	ppb
Strontium	88-1	2272.52	2246.43	2270.69	2263.21	0.64	ppb
Sulfur	34-1	1136.99	1255.14	1267.96	1220.03	5.92	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.49	0.54	0.52	0.52	4.69	ppb
Thallium	205-1	0.51	0.51	0.52	0.51	1.65	ppb
Tin	118-1	3.69	3.73	3.83	3.75	2.03	ppb
Titanium	47-1	218.50	223.17	224.54	222.07	1.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-03	Instrumnet Name :	P7
Client Sample ID :	ME28Y8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:16:35	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.51	1.54	1.55	1.53	1.36	ppb
Vanadium	51-2	57.16	57.09	56.99	57.08	0.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	361.88	361.97	359.37	361.08	0.41	ppb
Zirconium	90-1	2.64	2.70	2.72	2.69	1.55	ppb
Zirconium	91-1	2.70	2.71	2.69	2.70	0.43	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:19:43	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11298.80	11227.15	11194.36	11240.10	0.48	ppb
Antimony	121-1	0.95	0.95	0.99	0.96	2.16	ppb
Arsenic	75-2	15.01	15.30	15.46	15.26	1.50	ppb
Barium	135-1	175.67	176.52	180.18	177.45	1.35	ppb
Barium	137-1	177.20	179.13	181.70	179.34	1.26	ppb
Beryllium	9-1	1.00	0.94	0.85	0.93	7.94	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.41	1.26	1.35	5.67	ppb
Cadmium	106-1	0.63	0.27	-0.03	0.29	114.92	ppb
Cadmium	111-1	1.09	1.16	1.07	1.11	4.34	ppb
Calcium	43-1	75255.53	75111.60	74720.10	75029.08	0.37	ppb
Calcium	44-1	73057.80	74157.49	73811.41	73675.57	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.85	45.14	45.92	45.64	0.95	ppb
Cobalt	59-2	19.08	19.08	19.06	19.08	0.06	ppb
Copper	63-2	45.09	45.30	44.78	45.06	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	42853.18	43142.31	43030.38	43008.62	0.34	ppb
Iron	57-2	42421.64	42438.86	42245.87	42368.79	0.25	ppb
Iron	54-2	42959.96	42711.41	43252.86	42974.74	0.63	ppb
Krypton	83-1						cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:19:43	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.34	85.24	83.33	83.97	1.31	ppb
Lead	207-1	76.59	77.08	77.17	76.95	0.40	ppb
Lead	208-1	78.73	80.41	79.95	79.70	1.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	31972.84	31991.64	31894.15	31952.88	0.16	ppb
Manganese	55-2	1612.28	1606.58	1623.98	1614.28	0.55	ppb
Molybdenum	94-1	8.45	8.69	8.46	8.53	1.61	ppb
Molybdenum	95-1	3.72	3.83	3.76	3.77	1.46	ppb
Molybdenum	96-1	4.49	4.57	4.44	4.50	1.41	ppb
Molybdenum	97-1	3.76	3.85	3.84	3.82	1.21	ppb
Molybdenum	98-1	3.64	3.81	3.65	3.70	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.05	56.51	56.74	56.76	0.48	ppb
Phosphorus	31-2	954.76	996.24	988.41	979.80	2.25	ppb
Potassium	39-2	2017.72	2018.02	2023.08	2019.60	0.15	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.12	0.23	0.20	0.18	31.90	ppb
Selenium	77-2	6.38	6.94	8.26	7.19	13.41	ppb
Selenium	78-2	-0.71	0.97	0.61	0.29	305.66	ppb
Silicon	28-1	682.91	675.77	697.09	685.26	1.58	ppb
Silver	107-1	0.30	0.31	0.30	0.30	1.04	ppb
Silver	109-1	0.30	0.30	0.30	0.30	0.80	ppb
Sodium	23-2	186.75	184.84	185.70	185.77	0.52	ppb
Strontium	86-1	1835.43	1881.83	1845.19	1854.15	1.32	ppb
Strontium	88-1	1862.32	1869.65	1864.63	1865.54	0.20	ppb
Sulfur	34-1	1060.71	995.12	1086.78	1047.54	4.51	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.39	0.40	0.41	0.40	2.15	ppb
Thallium	205-1	0.40	0.42	0.40	0.41	2.62	ppb
Tin	118-1	1.63	1.63	1.69	1.65	2.10	ppb
Titanium	47-1	220.38	218.50	219.75	219.55	0.44	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:19:43	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.13	1.11	1.12	0.89	ppb
Vanadium	51-2	39.24	39.03	39.18	39.15	0.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	219.81	219.69	221.88	220.46	0.56	ppb
Zirconium	90-1	2.96	3.02	3.02	3.00	1.22	ppb
Zirconium	91-1	2.89	3.03	2.90	2.94	2.64	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-05	Instrumnet Name :	P7
Client Sample ID :	ME28Z0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:22:50	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13642.00	13482.47	13714.76	13613.08	0.87	ppb
Antimony	121-1	1.19	1.25	1.22	1.22	2.52	ppb
Arsenic	75-2	16.20	15.73	17.14	16.35	4.38	ppb
Barium	135-1	170.45	174.55	171.58	172.19	1.23	ppb
Barium	137-1	172.45	176.39	174.39	174.41	1.13	ppb
Beryllium	9-1	1.11	1.04	1.02	1.06	4.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.50	1.65	1.53	7.59	ppb
Cadmium	106-1	0.93	0.48	0.44	0.62	44.00	ppb
Cadmium	111-1	1.28	1.32	1.28	1.29	1.91	ppb
Calcium	43-1	95609.48	94537.96	96054.07	95400.50	0.82	ppb
Calcium	44-1	94867.79	94761.95	93908.80	94512.85	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.33	50.12	50.37	50.27	0.26	ppb
Cobalt	59-2	20.19	20.04	20.37	20.20	0.82	ppb
Copper	63-2	51.44	51.28	51.79	51.51	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				105		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	52859.28	52737.30	52977.58	52858.05	0.23	ppb
Iron	57-2	51923.79	51983.89	52864.83	52257.50	1.01	ppb
Iron	54-2	52551.52	52499.41	53233.82	52761.58	0.78	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-05	Instrumnet Name :	P7
Client Sample ID :	ME28Z0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:22:50	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	102.80	101.89	105.26	103.32	1.69	ppb
Lead	207-1	93.86	93.59	96.80	94.75	1.88	ppb
Lead	208-1	98.20	97.87	100.36	98.81	1.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	40001.26	40002.14	40330.36	40111.25	0.47	ppb
Manganese	55-2	1628.48	1611.93	1639.69	1626.70	0.86	ppb
Molybdenum	94-1	6.64	6.87	6.81	6.77	1.77	ppb
Molybdenum	95-1	3.65	3.70	3.76	3.71	1.48	ppb
Molybdenum	96-1	4.32	4.43	4.33	4.36	1.43	ppb
Molybdenum	97-1	3.78	3.75	3.82	3.78	1.02	ppb
Molybdenum	98-1	3.66	3.71	3.69	3.69	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.68	61.68	62.85	62.41	1.01	ppb
Phosphorus	31-2	1194.20	1204.09	1224.27	1207.52	1.27	ppb
Potassium	39-2	2307.88	2305.57	2364.46	2325.97	1.43	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	1.17	0.39	0.61	0.72	55.30	ppb
Selenium	77-2	7.52	7.51	9.09	8.04	11.29	ppb
Selenium	78-2	-0.24	-0.02	1.27	0.34	243.05	ppb
Silicon	28-1	731.59	722.23	735.32	729.71	0.92	ppb
Silver	107-1	0.37	0.39	0.37	0.38	3.75	ppb
Silver	109-1	0.37	0.40	0.40	0.39	4.21	ppb
Sodium	23-2	215.01	214.96	220.61	216.86	1.50	ppb
Strontium	86-1	2373.49	2378.65	2406.85	2386.33	0.75	ppb
Strontium	88-1	2381.89	2374.42	2432.35	2396.22	1.32	ppb
Sulfur	34-1	1277.06	1244.67	1207.22	1242.98	2.81	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.45	0.45	0.47	0.46	2.62	ppb
Thallium	205-1	0.45	0.45	0.48	0.46	3.50	ppb
Tin	118-1	2.01	2.10	2.04	2.05	2.42	ppb
Titanium	47-1	242.57	241.16	242.10	241.94	0.30	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-05	Instrumnet Name :	P7
Client Sample ID :	ME28Z0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:22:50	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.34	1.37	1.34	2.77	ppb
Vanadium	51-2	47.59	47.18	48.18	47.65	1.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	290.39	288.21	293.19	290.60	0.86	ppb
Zirconium	90-1	2.09	2.09	2.07	2.08	0.59	ppb
Zirconium	91-1	2.04	2.03	2.12	2.06	2.35	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-06	Instrumnet Name :	P7
Client Sample ID :	ME28Z1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:26:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16142.80	15953.48	16163.00	16086.43	0.72	ppb
Antimony	121-1	0.87	0.90	0.89	0.88	1.54	ppb
Arsenic	75-2	22.32	22.20	22.06	22.20	0.59	ppb
Barium	135-1	152.60	152.86	156.83	154.10	1.54	ppb
Barium	137-1	152.80	156.91	158.33	156.01	1.84	ppb
Beryllium	9-1	1.15	1.19	1.33	1.22	7.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	0.71	0.83	0.77	7.49	ppb
Cadmium	106-1	0.02	0.00	-0.58	-0.19		ppb
Cadmium	111-1	0.60	0.60	0.58	0.59	1.82	ppb
Calcium	43-1	122809.43	124682.59	123655.49	123715.84	0.76	ppb
Calcium	44-1	121401.25	124436.81	123396.02	123078.03	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.88	41.77	42.09	41.91	0.40	ppb
Cobalt	59-2	23.11	23.04	23.31	23.15	0.61	ppb
Copper	63-2	51.88	51.49	52.43	51.93	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	48822.01	48277.37	49190.82	48763.40	0.94	ppb
Iron	57-2	48215.22	48593.52	48633.67	48480.80	0.48	ppb
Iron	54-2	48533.75	48606.57	49119.15	48753.16	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-06	Instrumnet Name :	P7
Client Sample ID :	ME28Z1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:26:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.63	62.30	62.70	62.21	0.86	ppb
Lead	207-1	58.90	59.46	59.30	59.22	0.49	ppb
Lead	208-1	59.43	60.71	60.41	60.18	1.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	51395.24	51153.04	51830.64	51459.64	0.67	ppb
Manganese	55-2	1179.49	1168.20	1200.86	1182.85	1.40	ppb
Molybdenum	94-1	7.08	7.48	7.36	7.31	2.81	ppb
Molybdenum	95-1	3.94	4.02	4.03	3.99	1.26	ppb
Molybdenum	96-1	4.41	4.68	4.67	4.59	3.34	ppb
Molybdenum	97-1	3.81	3.88	4.09	3.93	3.71	ppb
Molybdenum	98-1	3.82	3.92	3.94	3.89	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.12	63.25	63.26	63.21	0.12	ppb
Phosphorus	31-2	1106.40	1092.92	1102.91	1100.74	0.64	ppb
Potassium	39-2	2416.10	2366.43	2402.33	2394.95	1.07	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.93	0.82	0.43	0.73	36.06	ppb
Selenium	77-2	7.99	11.41	7.42	8.94	24.16	ppb
Selenium	78-2	1.36	0.56	1.46	1.13	44.02	ppb
Silicon	28-1	759.35	772.79	771.22	767.79	0.96	ppb
Silver	107-1	0.22	0.22	0.22	0.22	1.03	ppb
Silver	109-1	0.23	0.22	0.23	0.23	1.69	ppb
Sodium	23-2	249.68	250.00	251.27	250.32	0.34	ppb
Strontium	86-1	2795.75	2840.63	2870.30	2835.56	1.32	ppb
Strontium	88-1	2831.30	2903.22	2883.82	2872.78	1.30	ppb
Sulfur	34-1	1705.31	1856.66	1796.38	1786.12	4.27	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.50	0.50	0.51	0.51	1.54	ppb
Thallium	205-1	0.52	0.51	0.51	0.51	1.03	ppb
Tin	118-1	1.91	1.90	1.94	1.92	1.19	ppb
Titanium	47-1	211.19	215.17	216.44	214.27	1.28	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-06	Instrumnet Name :	P7
Client Sample ID :	ME28Z1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:26:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.77	1.84	1.80	1.81	1.89	ppb
Vanadium	51-2	46.83	46.47	46.82	46.71	0.44	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	165.48	164.50	165.07	165.01	0.30	ppb
Zirconium	90-1	2.18	2.22	2.23	2.21	1.28	ppb
Zirconium	91-1	2.17	2.29	2.23	2.23	2.60	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-07	Instrumnet Name :	P7
Client Sample ID :	ME28Z2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:29:08	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17732.03	17551.80	17515.98	17599.94	0.66	ppb
Antimony	121-1	3.41	3.46	3.56	3.47	2.20	ppb
Arsenic	75-2	22.31	22.19	22.63	22.38	1.01	ppb
Barium	135-1	190.60	193.13	194.06	192.60	0.93	ppb
Barium	137-1	192.81	196.02	197.11	195.31	1.15	ppb
Beryllium	9-1	1.49	1.55	1.59	1.55	3.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.57	1.78	1.46	1.60	10.26	ppb
Cadmium	106-1	0.74	1.07	0.77	0.86	21.54	ppb
Cadmium	111-1	1.38	1.39	1.37	1.38	0.74	ppb
Calcium	43-1	38533.39	40361.79	40203.10	39699.43	2.55	ppb
Calcium	44-1	38854.76	39475.92	39518.04	39282.91	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.49	126.42	124.67	125.52	0.70	ppb
Cobalt	59-2	27.06	27.02	26.87	26.98	0.38	ppb
Copper	63-2	69.21	69.34	68.48	69.01	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	108369.86	107443.99	106403.99	107405.94	0.92	ppb
Iron	57-2	105363.64	105266.24	105172.48	105267.45	0.09	ppb
Iron	54-2	107580.53	106054.63	106883.17	106839.44	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-07	Instrumnet Name :	P7
Client Sample ID :	ME28Z2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:29:08	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	193.79	196.33	192.05	194.06	1.11	ppb
Lead	207-1	173.81	178.83	175.70	176.12	1.44	ppb
Lead	208-1	182.72	187.13	184.16	184.67	1.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	21395.04	21184.55	21163.09	21247.56	0.60	ppb
Manganese	55-2	2588.74	2598.51	2590.80	2592.68	0.20	ppb
Molybdenum	94-1	10.86	11.16	11.28	11.10	1.92	ppb
Molybdenum	95-1	8.13	8.15	8.21	8.16	0.55	ppb
Molybdenum	96-1	9.07	9.14	9.25	9.15	0.97	ppb
Molybdenum	97-1	8.07	8.27	8.14	8.16	1.25	ppb
Molybdenum	98-1	8.08	8.13	8.02	8.07	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.80	80.97	79.52	80.43	0.99	ppb
Phosphorus	31-2	1132.70	1132.05	1115.36	1126.70	0.87	ppb
Potassium	39-2	2150.83	2171.19	2184.01	2168.68	0.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	1.16	1.09	0.82	1.02	17.57	ppb
Selenium	77-2	11.42	7.74	10.53	9.90	19.37	ppb
Selenium	78-2	2.31	1.66	1.86	1.94	17.26	ppb
Silicon	28-1	848.37	859.03	853.02	853.47	0.63	ppb
Silver	107-1	0.64	0.65	0.68	0.66	2.89	ppb
Silver	109-1	0.63	0.67	0.68	0.66	4.09	ppb
Sodium	23-2	168.43	167.23	168.75	168.14	0.48	ppb
Strontium	86-1	1151.92	1158.65	1163.21	1157.93	0.49	ppb
Strontium	88-1	1155.70	1152.21	1169.76	1159.23	0.80	ppb
Sulfur	34-1	829.67	833.93	819.87	827.82	0.87	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.55	0.58	0.58	0.57	3.51	ppb
Thallium	205-1	0.56	0.58	0.56	0.57	2.14	ppb
Tin	118-1	3.46	3.36	3.41	3.41	1.45	ppb
Titanium	47-1	242.13	245.22	247.59	244.98	1.12	ppb

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-07	Instrumnet Name :	P7
Client Sample ID :	ME28Z2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:29:08	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.77	1.79	1.77	1.77	0.58	ppb
Vanadium	51-2	71.49	70.63	70.81	70.98	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	423.10	424.59	421.38	423.02	0.38	ppb
Zirconium	90-1	2.40	2.45	2.41	2.42	0.98	ppb
Zirconium	91-1	2.43	2.47	2.61	2.50	3.66	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-08	Instrumnet Name :	P7
Client Sample ID :	ME28Z3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:32:15	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12472.89	12473.55	12371.86	12439.43	0.47	ppb
Antimony	121-1	0.75	0.80	0.79	0.78	3.15	ppb
Arsenic	75-2	16.38	16.62	16.47	16.49	0.72	ppb
Barium	135-1	139.45	150.48	151.31	147.08	4.50	ppb
Barium	137-1	140.93	152.91	154.06	149.30	4.87	ppb
Beryllium	9-1	0.96	0.88	0.89	0.91	4.80	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	0.77	1.00	0.87	13.22	ppb
Cadmium	106-1	0.73	0.64	-1.25	0.04	2691.65	ppb
Cadmium	111-1	0.76	0.78	0.61	0.71	12.89	ppb
Calcium	43-1	69023.20	76340.61	75458.37	73607.39	5.43	ppb
Calcium	44-1	68031.77	74876.97	75731.60	72880.11	5.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.20	60.36	61.00	60.52	0.70	ppb
Cobalt	59-2	19.16	19.01	19.46	19.21	1.19	ppb
Copper	63-2	44.09	44.16	43.69	43.98	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	59222.07	59340.89	59162.11	59241.69	0.15	ppb
Iron	57-2	57812.06	58136.88	58308.61	58085.85	0.43	ppb
Iron	54-2	58564.70	58610.45	59273.27	58816.14	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-08	Instrumnet Name :	P7
Client Sample ID :	ME28Z3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:32:15	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	102.75	110.43	110.15	107.78	4.04	ppb
Lead	207-1	95.94	103.30	103.42	100.89	4.25	ppb
Lead	208-1	100.03	107.11	106.81	104.65	3.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	31476.28	31314.07	31386.10	31392.15	0.26	ppb
Manganese	55-2	1565.88	1579.25	1593.01	1579.38	0.86	ppb
Molybdenum	94-1	5.30	5.94	5.98	5.74	6.63	ppb
Molybdenum	95-1	3.25	3.65	3.66	3.52	6.62	ppb
Molybdenum	96-1	3.86	4.34	4.26	4.15	6.24	ppb
Molybdenum	97-1	3.35	3.50	3.60	3.48	3.73	ppb
Molybdenum	98-1	3.23	3.62	3.63	3.49	6.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.24	60.32	60.77	60.44	0.47	ppb
Phosphorus	31-2	1054.35	1016.70	1035.71	1035.59	1.82	ppb
Potassium	39-2	2033.39	2101.76	2102.85	2079.33	1.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	0.00	0.17	0.37	0.18	101.45	ppb
Selenium	77-2	6.07	6.01	6.80	6.29	6.97	ppb
Selenium	78-2	0.54	-0.15	0.57	0.32	127.55	ppb
Silicon	28-1	592.59	666.09	661.82	640.16	6.44	ppb
Silver	107-1	0.30	0.34	0.35	0.33	7.77	ppb
Silver	109-1	0.33	0.34	0.34	0.34	2.13	ppb
Sodium	23-2	202.52	202.37	202.50	202.46	0.04	ppb
Strontium	86-1	2058.87	2259.18	2248.22	2188.76	5.15	ppb
Strontium	88-1	2081.94	2266.31	2267.13	2205.13	4.84	ppb
Sulfur	34-1	790.89	1302.88	1302.39	1132.05	26.10	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.41	0.44	0.43	0.43	3.84	ppb
Thallium	205-1	0.40	0.43	0.45	0.43	4.83	ppb
Tin	118-1	1.46	1.58	1.62	1.55	5.24	ppb
Titanium	47-1	192.45	213.45	212.04	205.98	5.70	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-08	Instrumnet Name :	P7
Client Sample ID :	ME28Z3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:32:15	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.28	1.28	1.25	4.58	ppb
Vanadium	51-2	41.51	41.98	42.36	41.95	1.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	256.31	252.74	257.69	255.58	1.00	ppb
Zirconium	90-1	1.46	1.65	1.67	1.59	6.98	ppb
Zirconium	91-1	1.53	1.69	1.68	1.64	5.58	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-09	Instrumnet Name :	P7
Client Sample ID :	ME28Z4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:35:21	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16047.89	15983.66	16187.70	16073.08	0.65	ppb
Antimony	121-1	1.32	1.35	1.34	1.34	1.11	ppb
Arsenic	75-2	21.19	20.64	21.71	21.18	2.54	ppb
Barium	135-1	293.98	294.71	297.78	295.49	0.68	ppb
Barium	137-1	300.80	300.27	300.48	300.52	0.09	ppb
Beryllium	9-1	1.44	1.50	1.38	1.44	3.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.22	1.10	1.40	1.24	12.06	ppb
Cadmium	106-1	0.52	0.67	-0.67	0.17	425.87	ppb
Cadmium	111-1	1.02	0.96	0.93	0.97	5.03	ppb
Calcium	43-1	68215.81	68304.78	68031.59	68184.06	0.20	ppb
Calcium	44-1	68064.03	67948.65	66661.78	67558.15	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.60	127.11	125.51	126.41	0.65	ppb
Cobalt	59-2	23.71	23.76	23.63	23.70	0.27	ppb
Copper	63-2	97.48	97.92	98.08	97.83	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	120862.18	121312.76	120686.54	120953.83	0.27	ppb
Iron	57-2	119509.18	119731.69	119016.33	119419.06	0.31	ppb
Iron	54-2	121115.96	121532.59	121152.24	121266.93	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-09	Instrumnet Name :	P7
Client Sample ID :	ME28Z4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:35:21	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	135.09	135.05	137.16	135.77	0.89	ppb
Lead	207-1	123.79	123.54	125.45	124.26	0.84	ppb
Lead	208-1	129.03	129.95	131.63	130.20	1.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	26223.91	25925.98	25978.02	26042.63	0.61	ppb
Manganese	55-2	2471.47	2469.32	2476.04	2472.28	0.14	ppb
Molybdenum	94-1	15.81	16.06	16.22	16.03	1.29	ppb
Molybdenum	95-1	13.76	14.02	14.22	14.00	1.65	ppb
Molybdenum	96-1	14.75	15.28	15.08	15.04	1.79	ppb
Molybdenum	97-1	14.11	14.04	14.38	14.18	1.26	ppb
Molybdenum	98-1	13.76	14.02	14.18	13.99	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.33	110.19	110.21	110.58	0.59	ppb
Phosphorus	31-2	1030.02	1055.45	1047.53	1044.34	1.25	ppb
Potassium	39-2	2165.08	2179.81	2104.24	2149.71	1.86	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.89	0.65	0.41	0.65	37.06	ppb
Selenium	77-2	7.55	9.55	7.84	8.31	12.96	ppb
Selenium	78-2	0.39	-0.30	1.46	0.52	172.04	ppb
Silicon	28-1	789.34	800.95	798.39	796.22	0.77	ppb
Silver	107-1	0.30	0.30	0.30	0.30	1.53	ppb
Silver	109-1	0.32	0.32	0.32	0.32	1.61	ppb
Sodium	23-2	222.77	224.52	224.06	223.79	0.40	ppb
Strontium	86-1	2378.22	2463.58	2484.27	2442.03	2.30	ppb
Strontium	88-1	2437.56	2467.62	2447.62	2450.93	0.62	ppb
Sulfur	34-1	1152.04	1206.77	1231.27	1196.69	3.39	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.49	0.46	0.49	0.48	2.81	ppb
Thallium	205-1	0.47	0.47	0.49	0.48	3.10	ppb
Tin	118-1	4.13	4.10	4.28	4.17	2.34	ppb
Titanium	47-1	231.94	233.62	233.02	232.86	0.36	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-09	Instrumnet Name :	P7
Client Sample ID :	ME28Z4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:35:21	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.55	1.56	1.58	1.56	1.06	ppb
Vanadium	51-2	82.08	82.01	81.86	81.99	0.14	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	306.49	309.74	306.18	307.47	0.64	ppb
Zirconium	90-1	2.42	2.91	2.51	2.61	9.82	ppb
Zirconium	91-1	2.46	2.56	2.53	2.52	2.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-10	Instrumnet Name :	P7
Client Sample ID :	ME28Z5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:38:28	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11559.05	11639.81	11573.81	11590.89	0.37	ppb
Antimony	121-1	0.93	0.93	0.93	0.93	0.12	ppb
Arsenic	75-2	16.11	16.56	16.52	16.40	1.51	ppb
Barium	135-1	229.19	230.51	235.47	231.72	1.43	ppb
Barium	137-1	231.99	233.72	238.43	234.71	1.42	ppb
Beryllium	9-1	0.95	1.05	0.99	1.00	4.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.94	1.06	1.03	1.01	5.94	ppb
Cadmium	106-1	0.29	-0.94	-0.05	-0.23		ppb
Cadmium	111-1	0.75	0.67	0.80	0.74	8.88	ppb
Calcium	43-1	52829.53	52690.84	52398.01	52639.46	0.42	ppb
Calcium	44-1	51369.55	51886.34	51694.16	51650.02	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.12	73.22	73.17	73.17	0.07	ppb
Cobalt	59-2	16.21	15.98	16.12	16.10	0.73	ppb
Copper	63-2	42.22	42.09	41.55	41.95	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	66213.88	66027.76	65556.67	65932.77	0.51	ppb
Iron	57-2	65496.69	64482.65	65100.44	65026.60	0.79	ppb
Iron	54-2	66150.16	65960.97	65997.34	66036.16	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-10	Instrumnet Name :	P7
Client Sample ID :	ME28Z5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:38:28	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.91	94.64	95.68	95.41	0.71	ppb
Lead	207-1	88.24	87.05	88.10	87.80	0.74	ppb
Lead	208-1	91.15	91.18	91.71	91.35	0.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	21221.58	20956.81	20817.84	20998.74	0.98	ppb
Manganese	55-2	1440.00	1421.48	1406.14	1422.54	1.19	ppb
Molybdenum	94-1	7.20	7.45	7.51	7.39	2.27	ppb
Molybdenum	95-1	5.18	5.23	5.07	5.16	1.60	ppb
Molybdenum	96-1	5.74	5.90	5.87	5.84	1.45	ppb
Molybdenum	97-1	5.22	5.10	5.11	5.14	1.32	ppb
Molybdenum	98-1	5.06	5.09	5.20	5.12	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.97	53.97	54.22	54.05	0.26	ppb
Phosphorus	31-2	852.73	846.45	863.06	854.08	0.98	ppb
Potassium	39-2	1763.96	1750.37	1746.65	1753.66	0.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.84	0.71	0.54	0.69	21.47	ppb
Selenium	77-2	5.70	6.02	6.22	5.98	4.34	ppb
Selenium	78-2	0.85	0.72	-0.10	0.49	104.25	ppb
Silicon	28-1	487.26	491.11	495.30	491.22	0.82	ppb
Silver	107-1	0.25	0.26	0.27	0.26	2.88	ppb
Silver	109-1	0.27	0.27	0.27	0.27	0.68	ppb
Sodium	23-2	150.40	152.10	149.10	150.53	1.00	ppb
Strontium	86-1	1656.50	1670.26	1674.76	1667.18	0.57	ppb
Strontium	88-1	1637.32	1696.02	1690.46	1674.60	1.94	ppb
Sulfur	34-1	837.41	944.24	932.13	904.59	6.47	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.36	0.35	0.35	0.35	1.95	ppb
Thallium	205-1	0.37	0.35	0.35	0.35	2.71	ppb
Tin	118-1	2.09	2.11	2.16	2.12	1.62	ppb
Titanium	47-1	175.80	177.06	177.14	176.67	0.42	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-10	Instrumnet Name :	P7
Client Sample ID :	ME28Z5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:38:28	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.25	1.27	1.27	1.14	ppb
Vanadium	51-2	44.14	43.73	43.73	43.86	0.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	257.72	256.89	256.04	256.88	0.33	ppb
Zirconium	90-1	1.65	1.62	1.68	1.65	2.03	ppb
Zirconium	91-1	1.72	1.65	1.71	1.69	2.16	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-11	Instrumnet Name :	P7
Client Sample ID :	ME28Z6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:41:35	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17263.16	17176.60	17037.94	17159.23	0.66	ppb
Antimony	121-1	1.07	1.12	1.11	1.10	2.24	ppb
Arsenic	75-2	22.62	22.37	22.06	22.35	1.25	ppb
Barium	135-1	313.48	327.79	325.15	322.14	2.36	ppb
Barium	137-1	321.60	339.21	329.53	330.12	2.67	ppb
Beryllium	9-1	1.39	1.45	1.44	1.43	2.51	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.43	1.53	1.37	14.54	ppb
Cadmium	106-1	1.04	0.54	-0.78	0.27	352.02	ppb
Cadmium	111-1	1.07	1.15	0.97	1.06	8.38	ppb
Calcium	43-1	63942.61	65611.94	65973.39	65175.98	1.66	ppb
Calcium	44-1	63649.30	66180.21	65903.45	65244.32	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.56	100.32	100.50	100.46	0.13	ppb
Cobalt	59-2	23.76	23.82	23.84	23.81	0.19	ppb
Copper	63-2	61.18	60.69	61.06	60.98	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	92261.50	91749.17	91958.65	91989.77	0.28	ppb
Iron	57-2	91000.86	90993.46	91015.81	91003.38	0.01	ppb
Iron	54-2	92168.45	91790.38	91921.84	91960.22	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-11	Instrumnet Name :	P7
Client Sample ID :	ME28Z6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:41:35	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	124.74	129.02	131.19	128.32	2.56	ppb
Lead	207-1	113.57	117.94	119.68	117.06	2.69	ppb
Lead	208-1	120.42	124.03	125.56	123.34	2.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	26726.40	26522.31	26841.94	26696.88	0.61	ppb
Manganese	55-2	2183.62	2147.74	2154.16	2161.84	0.88	ppb
Molybdenum	94-1	9.22	9.85	9.56	9.55	3.30	ppb
Molybdenum	95-1	6.50	6.83	6.69	6.67	2.43	ppb
Molybdenum	96-1	7.28	7.70	7.70	7.56	3.22	ppb
Molybdenum	97-1	6.53	6.88	6.87	6.76	2.96	ppb
Molybdenum	98-1	6.47	6.77	6.71	6.65	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.26	68.34	68.00	68.20	0.26	ppb
Phosphorus	31-2	1156.98	1157.91	1150.00	1154.96	0.37	ppb
Potassium	39-2	2327.01	2273.55	2328.49	2309.68	1.36	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	1.01	0.67	0.03	0.57	86.91	ppb
Selenium	77-2	9.40	9.37	7.96	8.91	9.25	ppb
Selenium	78-2	1.22	2.31	0.71	1.42	57.65	ppb
Silicon	28-1	607.56	619.02	628.83	618.47	1.72	ppb
Silver	107-1	0.34	0.34	0.35	0.34	1.41	ppb
Silver	109-1	0.32	0.34	0.36	0.34	6.69	ppb
Sodium	23-2	177.82	178.48	178.24	178.18	0.19	ppb
Strontium	86-1	2187.29	2290.61	2290.00	2255.97	2.64	ppb
Strontium	88-1	2223.08	2279.20	2284.42	2262.23	1.50	ppb
Sulfur	34-1	1088.87	1117.61	1299.97	1168.82	9.79	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.46	0.47	0.49	0.47	3.74	ppb
Thallium	205-1	0.45	0.47	0.48	0.47	3.11	ppb
Tin	118-1	2.55	2.72	2.67	2.65	3.32	ppb
Titanium	47-1	208.73	214.73	217.27	213.58	2.05	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-11	Instrumnet Name :	P7
Client Sample ID :	ME28Z6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:41:35	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.80	1.80	1.77	2.41	ppb
Vanadium	51-2	64.39	63.48	64.18	64.02	0.75	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	344.52	340.99	341.15	342.22	0.58	ppb
Zirconium	90-1	2.15	2.28	2.29	2.24	3.34	ppb
Zirconium	91-1	2.12	2.30	2.26	2.23	4.19	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-12	Instrumnet Name :	P7
Client Sample ID :	ME28Z7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:44:44	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9931.55	9996.08	9979.49	9969.04	0.34	ppb
Antimony	121-1	1.04	1.11	1.11	1.09	3.66	ppb
Arsenic	75-2	9.21	9.61	9.66	9.49	2.58	ppb
Barium	135-1	105.35	109.08	107.29	107.24	1.74	ppb
Barium	137-1	107.48	110.55	108.56	108.86	1.43	ppb
Beryllium	9-1	0.69	0.74	0.74	0.72	4.05	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.44	0.52	0.47	0.48	8.59	ppb
Cadmium	106-1	-0.21	-0.90	-0.68	-0.60		ppb
Cadmium	111-1	0.33	0.29	0.30	0.31	5.98	ppb
Calcium	43-1	90226.42	92040.83	92373.58	91546.94	1.26	ppb
Calcium	44-1	89971.38	92726.95	91767.36	91488.56	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.12	38.17	38.75	38.35	0.91	ppb
Cobalt	59-2	9.79	9.80	9.99	9.86	1.17	ppb
Copper	63-2	51.00	50.81	51.24	51.02	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	31539.14	31512.09	31744.50	31598.58	0.40	ppb
Iron	57-2	30846.58	31482.36	31599.61	31309.51	1.29	ppb
Iron	54-2	31254.74	31677.25	31621.75	31517.91	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-12	Instrumnet Name :	P7
Client Sample ID :	ME28Z7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:44:44	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.73	26.90	26.83	26.82	0.31	ppb
Lead	207-1	24.78	25.00	24.91	24.90	0.44	ppb
Lead	208-1	25.42	25.66	25.56	25.55	0.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	15316.01	15341.13	15337.44	15331.53	0.09	ppb
Manganese	55-2	593.56	606.67	604.73	601.65	1.18	ppb
Molybdenum	94-1	8.57	8.87	8.49	8.64	2.33	ppb
Molybdenum	95-1	4.80	5.04	4.79	4.88	2.87	ppb
Molybdenum	96-1	5.35	5.49	5.49	5.44	1.50	ppb
Molybdenum	97-1	4.89	4.99	4.94	4.94	1.04	ppb
Molybdenum	98-1	4.77	4.91	4.85	4.84	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.96	34.66	35.57	35.06	1.32	ppb
Phosphorus	31-2	523.55	515.65	522.65	520.62	0.83	ppb
Potassium	39-2	1243.36	1248.84	1248.39	1246.86	0.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.18	-0.12	0.79	0.28	162.77	ppb
Selenium	77-2	4.30	3.04	4.01	3.78	17.49	ppb
Selenium	78-2	-0.13	0.62	0.16	0.21	176.41	ppb
Silicon	28-1	992.05	1025.54	1015.03	1010.87	1.69	ppb
Silver	107-1	0.07	0.08	0.08	0.08	5.48	ppb
Silver	109-1	0.08	0.07	0.08	0.08	11.01	ppb
Sodium	23-2	203.26	198.84	199.81	200.64	1.16	ppb
Strontium	86-1	4985.16	5095.13	5029.84	5036.71	1.10	ppb
Strontium	88-1	5048.22	5065.34	5086.29	5066.62	0.38	ppb
Sulfur	34-1	961.47	1073.45	1085.39	1040.10	6.57	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.16	0.17	0.17	0.17	3.34	ppb
Thallium	205-1	0.17	0.17	0.16	0.17	3.20	ppb
Tin	118-1	8.51	8.87	8.80	8.73	2.22	ppb
Titanium	47-1	193.25	198.68	198.22	196.72	1.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-12	Instrumnet Name :	P7
Client Sample ID :	ME28Z7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:44:44	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.94	0.92	0.92	1.83	ppb
Vanadium	51-2	24.82	24.85	24.94	24.87	0.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	90.22	89.37	90.49	90.03	0.65	ppb
Zirconium	90-1	2.51	2.56	2.56	2.55	1.15	ppb
Zirconium	91-1	2.50	2.59	2.54	2.54	1.74	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-13	Instrumnet Name :	P7
Client Sample ID :	ME28Z8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:47:52	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7514.33	7532.63	7331.15	7459.37	1.49	ppb
Antimony	121-1	0.74	0.73	0.76	0.74	2.55	ppb
Arsenic	75-2	7.50	7.52	7.57	7.53	0.51	ppb
Barium	135-1	78.86	77.76	78.52	78.38	0.71	ppb
Barium	137-1	80.30	79.37	78.92	79.53	0.88	ppb
Beryllium	9-1	0.49	0.48	0.47	0.48	2.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.44	0.60	0.61	0.55	17.07	ppb
Cadmium	106-1	-1.15	-0.67	-1.37	-1.07		ppb
Cadmium	111-1	0.18	0.20	0.17	0.18	7.11	ppb
Calcium	43-1	87165.49	85496.91	83637.27	85433.22	2.07	ppb
Calcium	44-1	86187.54	83533.23	82964.62	84228.46	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.29	29.23	28.82	29.11	0.87	ppb
Cobalt	59-2	7.45	7.48	7.39	7.44	0.62	ppb
Copper	63-2	37.07	37.34	37.29	37.23	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	24373.26	24566.55	24175.72	24371.84	0.80	ppb
Iron	57-2	24609.32	24301.97	24047.51	24319.60	1.16	ppb
Iron	54-2	24566.05	24479.49	24259.15	24434.90	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-13	Instrumnet Name :	P7
Client Sample ID :	ME28Z8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:47:52	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.37	21.00	21.18	21.19	0.87	ppb
Lead	207-1	19.78	19.38	19.56	19.57	1.02	ppb
Lead	208-1	20.33	20.06	20.13	20.17	0.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	14229.89	14194.22	13977.86	14133.99	0.96	ppb
Manganese	55-2	485.08	490.03	487.38	487.50	0.51	ppb
Molybdenum	94-1	10.53	8.78	8.30	9.20	12.77	ppb
Molybdenum	95-1	4.56	4.44	4.49	4.50	1.25	ppb
Molybdenum	96-1	5.14	5.03	5.04	5.07	1.21	ppb
Molybdenum	97-1	4.66	4.63	4.45	4.58	2.43	ppb
Molybdenum	98-1	4.56	4.47	4.39	4.47	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.70	26.80	26.14	26.55	1.33	ppb
Phosphorus	31-2	482.78	494.59	487.69	488.35	1.22	ppb
Potassium	39-2	995.29	996.69	985.91	992.63	0.59	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.18	-0.20	0.41	0.13	236.61	ppb
Selenium	77-2	2.10	3.69	4.25	3.35	33.39	ppb
Selenium	78-2	0.20	0.39	-0.44	0.05	911.78	ppb
Silicon	28-1	1411.20	1364.03	1339.19	1371.47	2.67	ppb
Silver	107-1	0.05	0.06	0.05	0.05	11.95	ppb
Silver	109-1	0.06	0.05	0.05	0.06	8.79	ppb
Sodium	23-2	192.42	193.84	191.83	192.70	0.54	ppb
Strontium	86-1	4063.04	3968.20	3888.79	3973.34	2.20	ppb
Strontium	88-1	4067.31	4009.24	3931.07	4002.54	1.71	ppb
Sulfur	34-1	811.65	680.70	668.65	720.33	11.01	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.14	0.14	0.14	0.69	ppb
Thallium	205-1	0.15	0.14	0.15	0.15	1.58	ppb
Tin	118-1	9.32	9.41	9.24	9.32	0.93	ppb
Titanium	47-1	211.16	204.21	201.98	205.78	2.33	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-13	Instrumnet Name :	P7
Client Sample ID :	ME28Z8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:47:52	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.81	0.81	0.82	1.82	ppb
Vanadium	51-2	19.31	19.29	18.96	19.19	1.03	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	63.14	62.95	62.76	62.95	0.30	ppb
Zirconium	90-1	2.70	2.67	2.66	2.68	0.89	ppb
Zirconium	91-1	2.78	2.72	2.67	2.72	2.19	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:51:01	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48504.65	48764.86	48662.49	48644.00	0.27	ppb
Antimony	121-1	450.18	492.29	493.51	478.66	5.15	ppb
Arsenic	75-2	510.04	499.61	505.63	505.09	1.04	ppb
Barium	135-1	2227.67	2451.61	2450.25	2376.51	5.42	ppb
Barium	137-1	2256.51	2465.61	2459.88	2394.00	4.98	ppb
Beryllium	9-1	454.86	508.47	507.07	490.14	6.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	450.15	491.86	483.74	475.25	4.65	ppb
Cadmium	106-1	451.95	488.50	486.03	475.50	4.30	ppb
Cadmium	111-1	437.39	477.03	478.72	464.38	5.04	ppb
Calcium	43-1	228371.93	252483.39	252633.07	244496.13	5.71	ppb
Calcium	44-1	226771.91	251799.04	249162.68	242577.88	5.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.82	509.48	498.79	505.03	1.10	ppb
Cobalt	59-2	491.50	493.98	497.06	494.18	0.56	ppb
Copper	63-2	4823.42	4871.79	4854.74	4849.98	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				86		%
Iron	56-2	126683.84	127125.59	127415.16	127074.87	0.29	ppb
Iron	57-2	125761.39	125102.88	127162.22	126008.83	0.83	ppb
Iron	54-2	127077.30	127951.81	127124.70	127384.60	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:51:01	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2246.05	2508.94	2527.34	2427.44	6.48	ppb
Lead	207-1	2241.80	2495.18	2485.96	2407.65	5.97	ppb
Lead	208-1	2239.73	2499.14	2498.12	2412.33	6.20	ppb
Lithium	6-1				93		%
Magnesium	24-2	240381.47	242782.58	240712.64	241292.23	0.54	ppb
Manganese	55-2	4904.67	4966.48	4922.18	4931.11	0.65	ppb
Molybdenum	94-1	4487.86	5011.60	5006.50	4835.32	6.22	ppb
Molybdenum	95-1	4480.51	4970.77	5007.03	4819.44	6.10	ppb
Molybdenum	96-1	4453.47	4935.18	5054.18	4814.27	6.61	ppb
Molybdenum	97-1	4504.67	4944.23	5075.60	4841.50	6.18	ppb
Molybdenum	98-1	4452.15	4904.36	4984.85	4780.45	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.04	478.95	476.14	477.04	0.35	ppb
Phosphorus	31-2	10064.04	10049.07	10158.13	10090.41	0.59	ppb
Potassium	39-2	121496.33	122325.74	122003.21	121941.76	0.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	82-1	420.45	462.85	468.60	450.64	5.84	ppb
Selenium	77-2	468.50	469.87	468.63	469.00	0.16	ppb
Selenium	78-2	481.20	470.16	471.58	474.31	1.27	ppb
Silicon	28-1	223.63	247.48	249.54	240.22	6.00	ppb
Silver	107-1	449.94	484.70	486.32	473.65	4.34	ppb
Silver	109-1	451.75	493.26	484.80	476.60	4.60	ppb
Sodium	23-2	244345.94	247014.41	243873.68	245078.01	0.69	ppb
Strontium	86-1	11154.45	12309.94	12351.24	11938.54	5.69	ppb
Strontium	88-1	10972.16	12301.05	12366.23	11879.81	6.62	ppb
Sulfur	34-1	8624.50	9790.39	9754.72	9389.87	7.06	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	459.06	499.22	496.33	484.87	4.62	ppb
Thallium	205-1	458.97	501.50	499.06	486.51	4.91	ppb
Tin	118-1	449.08	491.43	492.48	477.66	5.18	ppb
Titanium	47-1	4469.28	4952.98	4954.19	4792.15	5.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:51:01	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	437.79	488.82	498.93	475.18	6.90	ppb
Vanadium	51-2	513.38	506.92	501.81	507.37	1.14	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	4783.39	4851.51	4818.22	4817.71	0.71	ppb
Zirconium	90-1	444.08	493.65	497.69	478.47	6.24	ppb
Zirconium	91-1	443.38	495.46	493.98	477.60	6.21	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:53:44	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.38	3.92	3.81	4.04	7.52	ppb
Antimony	121-1	0.24	0.22	0.19	0.22	10.18	ppb
Arsenic	75-2	0.03	0.07	0.02	0.04	64.86	ppb
Barium	135-1	0.35	0.30	0.24	0.30	19.55	ppb
Barium	137-1	0.36	0.30	0.29	0.32	11.25	ppb
Beryllium	9-1	0.14	0.12	0.09	0.11	19.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.03	0.00	0.00	1010.91	ppb
Cadmium	106-1	-1.61	-2.77	-2.41	-2.27		ppb
Cadmium	111-1	-0.04	-0.11	-0.11	-0.09		ppb
Calcium	43-1	41.67	29.59	30.17	33.81	20.16	ppb
Calcium	44-1	36.63	31.74	27.76	32.04	13.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.06	0.04	0.04	31.55	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	16.22	ppb
Copper	63-2	0.54	0.45	0.46	0.48	10.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	12.99	11.90	11.33	12.08	6.97	ppb
Iron	57-2	12.74	12.07	10.96	11.92	7.56	ppb
Iron	54-2	13.50	12.70	11.38	12.53	8.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:53:44	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.33	0.31	0.35	12.83	ppb
Lead	207-1	0.37	0.34	0.31	0.34	7.75	ppb
Lead	208-1	0.38	0.34	0.31	0.35	10.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	22.22	20.08	19.58	20.62	6.79	ppb
Manganese	55-2	0.53	0.49	0.46	0.49	6.91	ppb
Molybdenum	94-1	0.86	0.75	0.64	0.75	14.78	ppb
Molybdenum	95-1	0.84	0.71	0.60	0.72	16.75	ppb
Molybdenum	96-1	0.81	0.71	0.57	0.70	16.64	ppb
Molybdenum	97-1	0.80	0.72	0.62	0.71	12.10	ppb
Molybdenum	98-1	0.81	0.72	0.64	0.72	12.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	0.04	0.04	37.85	ppb
Phosphorus	31-2	-21.44	-22.90	-23.48	-22.60		ppb
Potassium	39-2	20.67	20.47	18.27	19.80	6.73	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	-0.05	-0.14	-0.71	-0.30		ppb
Selenium	77-2	0.06	-0.10	-0.10	-0.05		ppb
Selenium	78-2	-0.71	-1.83	-1.68	-1.41		ppb
Silicon	28-1	-2.98	-2.81	-2.76	-2.85		ppb
Silver	107-1	0.13	0.11	0.08	0.11	23.67	ppb
Silver	109-1	0.12	0.10	0.09	0.10	16.08	ppb
Sodium	23-2	49.02	46.41	44.60	46.68	4.76	ppb
Strontium	86-1	1.87	1.21	1.05	1.38	31.60	ppb
Strontium	88-1	1.85	1.51	1.34	1.57	16.72	ppb
Sulfur	34-1	-225.46	-142.80	-181.01	-183.09		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.12	0.09	0.12	21.52	ppb
Thallium	205-1	0.14	0.12	0.10	0.12	15.57	ppb
Tin	118-1	0.06	0.07	0.06	0.06	7.06	ppb
Titanium	47-1	0.62	0.55	0.48	0.55	12.80	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:53:44	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.04	0.05	16.45	ppb
Vanadium	51-2	0.06	0.05	0.04	0.05	16.51	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	0.54	0.66	0.63	0.61	10.90	ppb
Zirconium	90-1	0.10	0.08	0.08	0.09	13.65	ppb
Zirconium	91-1	0.08	0.09	0.09	0.09	9.71	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-14	Instrumnet Name :	P7
Client Sample ID :	ME28Z9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:58:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8164.29	8016.71	8072.13	8084.38	0.92	ppb
Antimony	121-1	2.06	2.08	2.10	2.08	0.83	ppb
Arsenic	75-2	9.64	9.79	9.82	9.75	0.96	ppb
Barium	135-1	97.18	96.57	98.33	97.36	0.92	ppb
Barium	137-1	98.01	98.27	99.46	98.58	0.78	ppb
Beryllium	9-1	0.62	0.64	0.57	0.61	6.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.70	0.51	0.51	0.57	19.31	ppb
Cadmium	106-1	-1.93	-1.54	-1.65	-1.71		ppb
Cadmium	111-1	0.25	0.29	0.28	0.27	7.80	ppb
Calcium	43-1	133489.03	135849.27	135087.17	134808.49	0.89	ppb
Calcium	44-1	132367.63	135694.48	134248.73	134103.61	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.41	46.63	47.15	47.06	0.84	ppb
Cobalt	59-2	9.70	9.68	9.79	9.72	0.61	ppb
Copper	63-2	68.80	69.01	69.57	69.13	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				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	36408.37	36068.42	36094.12	36190.30	0.52	ppb
Iron	57-2	36285.78	35949.13	36145.33	36126.75	0.47	ppb
Iron	54-2	36422.60	36344.42	36284.37	36350.46	0.19	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-14	Instrumnet Name :	P7
Client Sample ID :	ME28Z9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:58:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.38	32.32	33.13	32.61	1.38	ppb
Lead	207-1	30.62	30.06	30.64	30.44	1.09	ppb
Lead	208-1	30.99	30.62	31.35	30.99	1.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	14112.43	14071.40	13964.92	14049.58	0.54	ppb
Manganese	55-2	642.14	639.94	634.26	638.78	0.64	ppb
Molybdenum	94-1	7.36	7.55	7.83	7.58	3.12	ppb
Molybdenum	95-1	5.10	5.21	5.38	5.23	2.71	ppb
Molybdenum	96-1	5.68	5.73	5.89	5.77	1.90	ppb
Molybdenum	97-1	5.14	5.29	5.39	5.27	2.46	ppb
Molybdenum	98-1	5.12	5.13	5.31	5.19	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.03	39.82	40.67	40.17	1.10	ppb
Phosphorus	31-2	576.89	579.39	580.16	578.82	0.30	ppb
Potassium	39-2	1068.40	1056.88	1067.08	1064.12	0.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.31	0.81	-0.09	0.34	130.59	ppb
Selenium	77-2	3.66	3.61	3.52	3.59	2.07	ppb
Selenium	78-2	0.00	-0.48	-0.69	-0.39		ppb
Silicon	28-1	598.04	590.39	593.09	593.84	0.65	ppb
Silver	107-1	0.25	0.21	0.20	0.22	10.92	ppb
Silver	109-1	0.28	0.22	0.21	0.24	14.65	ppb
Sodium	23-2	183.46	182.20	185.27	183.65	0.84	ppb
Strontium	86-1	6310.35	6398.02	6582.77	6430.38	2.16	ppb
Strontium	88-1	6368.53	6417.29	6598.96	6461.59	1.88	ppb
Sulfur	34-1	399.41	493.13	557.47	483.34	16.45	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.21	0.20	0.22	8.53	ppb
Thallium	205-1	0.23	0.21	0.20	0.21	7.88	ppb
Tin	118-1	10.40	10.46	10.53	10.46	0.62	ppb
Titanium	47-1	181.38	183.19	182.51	182.36	0.50	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-14	Instrumnet Name :	P7
Client Sample ID :	ME28Z9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:58:26	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	0.99	1.02	1.00	1.30	ppb
Vanadium	51-2	22.26	22.42	22.38	22.35	0.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	87.66	87.07	86.93	87.22	0.44	ppb
Zirconium	90-1	1.82	1.82	1.81	1.82	0.53	ppb
Zirconium	91-1	1.85	1.86	1.88	1.86	0.77	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-15	Instrumnet Name :	P7
Client Sample ID :	ME2900	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:01:59	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15746.95	15786.93	16083.98	15872.62	1.16	ppb
Antimony	121-1	0.56	0.58	0.54	0.56	4.00	ppb
Arsenic	75-2	17.20	17.60	17.45	17.42	1.18	ppb
Barium	135-1	138.36	138.15	137.21	137.91	0.44	ppb
Barium	137-1	140.41	139.22	138.71	139.45	0.63	ppb
Beryllium	9-1	1.05	0.97	1.03	1.02	4.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	1.25	0.94	0.93	34.52	ppb
Cadmium	106-1	0.25	0.51	-0.40	0.12	386.54	ppb
Cadmium	111-1	0.52	0.47	0.39	0.46	14.00	ppb
Calcium	43-1	93174.29	93893.55	93848.57	93638.80	0.43	ppb
Calcium	44-1	91748.68	92621.20	92100.51	92156.80	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.27	35.14	35.89	35.44	1.14	ppb
Cobalt	59-2	24.21	23.97	24.24	24.14	0.62	ppb
Copper	63-2	48.15	47.83	48.54	48.17	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	44456.55	44159.61	44881.41	44499.19	0.82	ppb
Iron	57-2	44618.59	44464.27	44502.17	44528.34	0.18	ppb
Iron	54-2	44720.62	43726.77	44441.27	44296.22	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-15	Instrumnet Name :	P7
Client Sample ID :	ME2900	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:01:59	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.45	31.62	31.39	31.49	0.38	ppb
Lead	207-1	28.73	29.10	28.63	28.82	0.85	ppb
Lead	208-1	29.91	29.99	29.64	29.85	0.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	35719.52	36007.55	36222.49	35983.19	0.70	ppb
Manganese	55-2	921.00	906.28	910.47	912.58	0.83	ppb
Molybdenum	94-1	12.06	11.90	11.88	11.95	0.80	ppb
Molybdenum	95-1	2.91	2.97	2.87	2.92	1.59	ppb
Molybdenum	96-1	4.23	4.22	4.19	4.21	0.47	ppb
Molybdenum	97-1	2.96	2.91	2.94	2.94	0.81	ppb
Molybdenum	98-1	2.88	2.87	2.94	2.89	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.62	62.02	62.63	62.42	0.56	ppb
Phosphorus	31-2	926.45	976.23	921.34	941.34	3.22	ppb
Potassium	39-2	2552.41	2598.89	2567.83	2573.04	0.92	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.96	0.43	0.61	0.66	40.39	ppb
Selenium	77-2	8.00	10.13	9.37	9.17	11.77	ppb
Selenium	78-2	0.84	0.25	1.48	0.86	71.53	ppb
Silicon	28-1	580.50	597.84	583.38	587.24	1.58	ppb
Silver	107-1	0.17	0.17	0.18	0.17	3.74	ppb
Silver	109-1	0.16	0.18	0.18	0.17	5.64	ppb
Sodium	23-2	227.22	227.29	231.36	228.62	1.04	ppb
Strontium	86-1	2245.35	2235.24	2251.23	2243.94	0.36	ppb
Strontium	88-1	2260.79	2256.08	2255.09	2257.32	0.13	ppb
Sulfur	34-1	985.95	1065.70	1008.95	1020.20	4.02	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.37	0.40	0.36	0.37	5.67	ppb
Thallium	205-1	0.38	0.37	0.38	0.38	1.26	ppb
Tin	118-1	0.90	0.89	0.94	0.91	3.01	ppb
Titanium	47-1	222.92	221.80	223.63	222.78	0.41	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-15	Instrumnet Name :	P7
Client Sample ID :	ME2900	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:01:59	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.59	1.58	1.58	1.59	0.47	ppb
Vanadium	51-2	45.70	45.54	45.55	45.60	0.20	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	139.03	137.70	140.92	139.22	1.16	ppb
Zirconium	90-1	5.26	5.26	5.35	5.29	0.95	ppb
Zirconium	91-1	5.21	5.25	5.32	5.26	1.04	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-16	Instrumnet Name :	P7
Client Sample ID :	ME2901	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:05:08	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15109.72	15159.23	15469.22	15246.06	1.28	ppb
Antimony	121-1	0.75	0.77	0.75	0.76	1.25	ppb
Arsenic	75-2	18.32	17.89	18.75	18.32	2.34	ppb
Barium	135-1	161.26	162.68	160.73	161.55	0.62	ppb
Barium	137-1	164.45	163.47	164.48	164.13	0.35	ppb
Beryllium	9-1	1.03	1.05	1.13	1.07	4.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.89	0.85	0.87	2.42	ppb
Cadmium	106-1	0.23	0.97	0.69	0.63	59.43	ppb
Cadmium	111-1	0.64	0.73	0.64	0.67	7.85	ppb
Calcium	43-1	131702.73	133422.23	133688.06	132937.67	0.81	ppb
Calcium	44-1	130186.05	131839.16	134123.53	132049.58	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.30	39.61	39.95	39.62	0.83	ppb
Cobalt	59-2	23.25	23.59	23.86	23.57	1.30	ppb
Copper	63-2	51.39	51.66	51.97	51.67	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	46628.94	46782.28	47076.66	46829.29	0.49	ppb
Iron	57-2	46301.14	46883.81	47020.93	46735.30	0.82	ppb
Iron	54-2	46317.51	46744.62	47182.80	46748.31	0.93	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-16	Instrumnet Name :	P7
Client Sample ID :	ME2901	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:05:08	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.51	41.55	41.43	41.49	0.15	ppb
Lead	207-1	37.78	37.66	37.76	37.73	0.18	ppb
Lead	208-1	39.15	39.10	39.06	39.11	0.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	51065.43	50683.41	51747.32	51165.38	1.05	ppb
Manganese	55-2	1393.20	1386.99	1403.57	1394.58	0.60	ppb
Molybdenum	94-1	6.32	6.29	6.37	6.33	0.58	ppb
Molybdenum	95-1	3.06	3.07	3.04	3.06	0.60	ppb
Molybdenum	96-1	3.61	3.70	3.68	3.66	1.23	ppb
Molybdenum	97-1	3.08	2.95	3.12	3.05	2.83	ppb
Molybdenum	98-1	2.98	2.96	3.04	2.99	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.15	61.71	61.31	61.39	0.47	ppb
Phosphorus	31-2	1262.55	1293.43	1259.17	1271.72	1.48	ppb
Potassium	39-2	2462.47	2497.38	2505.92	2488.59	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.00	0.62	0.74	0.45	88.10	ppb
Selenium	77-2	7.20	7.82	12.55	9.19	31.86	ppb
Selenium	78-2	0.07	0.36	2.13	0.85	131.10	ppb
Silicon	28-1	611.11	622.82	631.25	621.72	1.63	ppb
Silver	107-1	0.17	0.18	0.20	0.18	5.88	ppb
Silver	109-1	0.19	0.19	0.18	0.19	2.27	ppb
Sodium	23-2	258.73	259.86	263.04	260.55	0.86	ppb
Strontium	86-1	2808.64	2863.53	2844.16	2838.78	0.98	ppb
Strontium	88-1	2850.19	2897.54	2855.28	2867.67	0.91	ppb
Sulfur	34-1	1456.96	1556.43	1610.39	1541.26	5.05	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.44	0.45	0.43	0.44	1.37	ppb
Thallium	205-1	0.46	0.46	0.45	0.46	1.34	ppb
Tin	118-1	1.06	1.58	1.04	1.22	25.01	ppb
Titanium	47-1	245.59	248.78	254.54	249.64	1.82	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-16	Instrumnet Name :	P7
Client Sample ID :	ME2901	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:05:08	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.74	1.72	1.72	0.59	ppb
Vanadium	51-2	48.60	49.29	49.57	49.15	1.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	149.42	151.56	151.93	150.97	0.90	ppb
Zirconium	90-1	2.10	2.11	2.15	2.12	1.15	ppb
Zirconium	91-1	2.17	2.19	2.13	2.16	1.34	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-01	Instrumnet Name :	P7
Client Sample ID :	ME28W7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:11:32	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14311.54	14194.01	14201.74	14235.76	0.46	ppb
Antimony	121-1	14.91	15.83	15.62	15.45	3.13	ppb
Arsenic	75-2	12.67	12.69	12.82	12.73	0.63	ppb
Barium	135-1	162.21	173.05	171.37	168.88	3.46	ppb
Barium	137-1	164.96	173.10	173.13	170.40	2.76	ppb
Beryllium	9-1	1.21	1.21	1.21	1.21	0.24	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	0.93	0.97	0.96	2.71	ppb
Cadmium	106-1	0.51	0.20	-0.56	0.05	1074.61	ppb
Cadmium	111-1	0.60	0.60	0.55	0.58	4.92	ppb
Calcium	43-1	50656.53	53309.92	52680.91	52215.78	2.66	ppb
Calcium	44-1	49975.33	52036.39	52977.78	51663.17	2.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.11	56.39	56.33	56.61	0.76	ppb
Cobalt	59-2	16.53	16.55	16.38	16.49	0.58	ppb
Copper	63-2	37.98	38.25	38.04	38.09	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	43821.15	43977.95	43941.86	43913.65	0.19	ppb
Iron	57-2	43782.70	43055.36	43721.53	43519.87	0.93	ppb
Iron	54-2	43813.54	44237.02	43927.73	43992.76	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-01	Instrumnet Name :	P7
Client Sample ID :	ME28W7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:11:32	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.48	71.02	72.35	70.28	3.58	ppb
Lead	207-1	62.07	64.99	66.47	64.51	3.47	ppb
Lead	208-1	63.73	66.99	68.23	66.32	3.50	ppb
Lithium	6-1				103		%
Magnesium	24-2	12857.08	12983.91	12860.03	12900.34	0.56	ppb
Manganese	55-2	942.59	925.82	927.26	931.89	1.00	ppb
Molybdenum	94-1	7.71	8.25	8.73	8.23	6.22	ppb
Molybdenum	95-1	4.03	4.23	4.29	4.18	3.26	ppb
Molybdenum	96-1	4.64	4.78	5.00	4.80	3.75	ppb
Molybdenum	97-1	4.07	4.28	4.42	4.26	4.14	ppb
Molybdenum	98-1	3.99	4.18	4.23	4.14	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.17	57.79	57.84	57.27	1.66	ppb
Phosphorus	31-2	895.49	870.00	866.69	877.39	1.80	ppb
Potassium	39-2	2164.29	2300.07	2186.27	2216.88	3.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.76	0.77	0.02	0.51	84.04	ppb
Selenium	77-2	7.26	8.33	7.80	7.80	6.82	ppb
Selenium	78-2	0.67	1.09	-0.22	0.51	129.74	ppb
Silicon	28-1	630.50	650.43	670.89	650.61	3.10	ppb
Silver	107-1	0.21	0.23	0.22	0.22	4.01	ppb
Silver	109-1	0.21	0.23	0.22	0.22	4.23	ppb
Sodium	23-2	147.65	146.15	147.65	147.15	0.59	ppb
Strontium	86-1	3587.63	3759.85	3823.18	3723.55	3.27	ppb
Strontium	88-1	3581.36	3786.11	3896.77	3754.75	4.26	ppb
Sulfur	34-1	177.07	330.76	404.54	304.12	38.16	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.36	0.37	0.37	0.37	1.29	ppb
Thallium	205-1	0.35	0.36	0.36	0.36	1.47	ppb
Tin	118-1	1.43	1.60	1.52	1.51	5.54	ppb
Titanium	47-1	98.57	104.00	103.89	102.15	3.04	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-01	Instrumnet Name :	P7
Client Sample ID :	ME28W7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:11:32	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.29	1.31	1.28	2.81	ppb
Vanadium	51-2	41.14	41.16	40.94	41.08	0.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	223.04	224.71	221.35	223.03	0.75	ppb
Zirconium	90-1	2.51	2.63	2.68	2.61	3.18	ppb
Zirconium	91-1	2.52	2.73	2.74	2.66	4.71	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-02	Instrumnet Name :	P7
Client Sample ID :	ME28W8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:14:39	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16295.21	16680.89	16519.20	16498.43	1.17	ppb
Antimony	121-1	0.98	1.00	1.03	1.00	2.58	ppb
Arsenic	75-2	20.33	20.14	20.36	20.28	0.60	ppb
Barium	135-1	210.89	214.88	217.26	214.35	1.50	ppb
Barium	137-1	212.35	218.42	219.05	216.61	1.71	ppb
Beryllium	9-1	1.44	1.57	1.54	1.52	4.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.83	2.85	2.84	2.84	0.38	ppb
Cadmium	106-1	2.04	1.16	2.22	1.80	31.52	ppb
Cadmium	111-1	2.36	2.36	2.46	2.39	2.33	ppb
Calcium	43-1	108407.54	110137.10	111643.06	110062.57	1.47	ppb
Calcium	44-1	106903.86	109169.70	110149.30	108740.95	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.33	259.49	259.24	258.69	0.46	ppb
Cobalt	59-2	23.04	23.16	23.22	23.14	0.40	ppb
Copper	63-2	67.56	68.02	68.08	67.89	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	125078.06	125175.74	125886.47	125380.09	0.35	ppb
Iron	57-2	123026.33	124339.85	123990.64	123785.61	0.55	ppb
Iron	54-2	124827.39	124852.20	126358.02	125345.87	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-02	Instrumnet Name :	P7
Client Sample ID :	ME28W8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:14:39	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	496.49	505.87	502.84	501.73	0.95	ppb
Lead	207-1	461.13	471.96	472.08	468.39	1.34	ppb
Lead	208-1	469.09	481.05	478.19	476.11	1.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	20610.68	20962.35	20762.70	20778.58	0.85	ppb
Manganese	55-2	3740.14	3709.03	3780.86	3743.34	0.96	ppb
Molybdenum	94-1	12.28	12.74	12.68	12.57	1.97	ppb
Molybdenum	95-1	9.54	10.04	10.11	9.90	3.13	ppb
Molybdenum	96-1	10.72	11.08	11.05	10.95	1.86	ppb
Molybdenum	97-1	9.91	10.18	10.08	10.06	1.34	ppb
Molybdenum	98-1	9.49	10.12	9.88	9.83	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	173.05	172.15	175.59	173.59	1.03	ppb
Phosphorus	31-2	1187.03	1205.41	1215.03	1202.49	1.18	ppb
Potassium	39-2	2978.59	2978.12	3019.97	2992.23	0.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.50	0.94	0.74	0.73	29.83	ppb
Selenium	77-2	8.26	9.61	11.23	9.70	15.33	ppb
Selenium	78-2	1.32	0.91	1.50	1.24	24.34	ppb
Silicon	28-1	815.81	848.65	845.94	836.80	2.18	ppb
Silver	107-1	1.21	1.21	1.22	1.22	0.54	ppb
Silver	109-1	1.19	1.24	1.26	1.23	2.93	ppb
Sodium	23-2	245.18	248.54	246.58	246.77	0.68	ppb
Strontium	86-1	4657.98	4838.95	4797.39	4764.77	1.99	ppb
Strontium	88-1	4661.50	4840.88	4837.53	4779.97	2.15	ppb
Sulfur	34-1	584.88	683.70	632.73	633.77	7.80	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.96	1.00	0.96	0.97	2.48	ppb
Thallium	205-1	0.94	0.98	0.97	0.97	2.55	ppb
Tin	118-1	5.22	5.39	5.37	5.33	1.75	ppb
Titanium	47-1	199.82	208.00	206.52	204.78	2.13	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-02	Instrumnet Name :	P7
Client Sample ID :	ME28W8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:14:39	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.60	1.64	1.66	1.63	1.88	ppb
Vanadium	51-2	55.06	54.84	55.02	54.97	0.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	1193.18	1195.38	1197.03	1195.19	0.16	ppb
Zirconium	90-1	2.35	2.43	2.59	2.46	5.00	ppb
Zirconium	91-1	2.34	2.44	2.40	2.39	2.20	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-03	Instrumnet Name :	P7
Client Sample ID :	ME28W9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:17:43	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13889.84	14103.68	13930.77	13974.76	0.81	ppb
Antimony	121-1	0.97	1.00	1.01	0.99	1.88	ppb
Arsenic	75-2	16.31	16.27	16.64	16.41	1.22	ppb
Barium	135-1	164.61	167.96	170.19	167.59	1.67	ppb
Barium	137-1	166.89	170.35	171.87	169.71	1.50	ppb
Beryllium	9-1	1.04	0.94	1.03	1.00	5.53	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	1.24	1.08	1.16	6.89	ppb
Cadmium	106-1	1.16	0.40	-0.45	0.37	219.88	ppb
Cadmium	111-1	1.01	0.99	0.92	0.98	4.96	ppb
Calcium	43-1	68261.64	66957.40	66694.68	67304.57	1.25	ppb
Calcium	44-1	66949.63	65752.15	66009.23	66237.00	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.43	48.98	49.34	48.91	0.94	ppb
Cobalt	59-2	20.02	20.28	20.21	20.17	0.67	ppb
Copper	63-2	57.98	58.78	58.92	58.56	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	45582.75	46073.54	45746.36	45800.88	0.55	ppb
Iron	57-2	45318.02	45560.15	44792.94	45223.71	0.87	ppb
Iron	54-2	45292.47	46153.45	45722.83	45722.92	0.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-03	Instrumnet Name :	P7
Client Sample ID :	ME28W9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:17:43	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.50	98.26	97.48	97.08	1.47	ppb
Lead	207-1	88.89	91.27	90.39	90.18	1.33	ppb
Lead	208-1	92.63	94.32	93.67	93.54	0.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	29642.93	29703.52	29787.98	29711.48	0.25	ppb
Manganese	55-2	1117.26	1113.68	1110.03	1113.66	0.32	ppb
Molybdenum	94-1	5.87	5.78	5.93	5.86	1.34	ppb
Molybdenum	95-1	2.97	3.01	2.97	2.98	0.82	ppb
Molybdenum	96-1	3.53	3.61	3.61	3.59	1.26	ppb
Molybdenum	97-1	2.95	3.00	3.01	2.99	1.06	ppb
Molybdenum	98-1	2.91	3.03	2.95	2.96	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.82	56.53	56.06	56.14	0.64	ppb
Phosphorus	31-2	1335.64	1390.69	1339.96	1355.43	2.26	ppb
Potassium	39-2	2296.25	2277.98	2297.85	2290.69	0.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.63	0.55	0.55	0.58	7.50	ppb
Selenium	77-2	10.40	9.99	9.77	10.06	3.19	ppb
Selenium	78-2	1.20	-0.15	-0.20	0.29	278.34	ppb
Silicon	28-1	666.24	705.43	669.05	680.24	3.21	ppb
Silver	107-1	0.30	0.27	0.30	0.29	5.69	ppb
Silver	109-1	0.29	0.29	0.31	0.30	3.12	ppb
Sodium	23-2	202.96	204.13	203.21	203.43	0.30	ppb
Strontium	86-1	1772.70	1802.21	1785.54	1786.82	0.83	ppb
Strontium	88-1	1798.30	1792.49	1808.57	1799.79	0.45	ppb
Sulfur	34-1	1083.11	1053.87	1178.22	1105.06	5.88	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.37	0.39	0.37	0.38	1.99	ppb
Thallium	205-1	0.37	0.37	0.37	0.37	0.74	ppb
Tin	118-1	2.72	2.77	2.89	2.79	3.07	ppb
Titanium	47-1	210.98	211.95	212.40	211.78	0.34	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-03	Instrumnet Name :	P7
Client Sample ID :	ME28W9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:17:43	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.29	1.27	1.27	1.62	ppb
Vanadium	51-2	47.16	47.67	47.44	47.42	0.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	235.35	236.60	234.01	235.32	0.55	ppb
Zirconium	90-1	1.87	1.91	1.88	1.89	1.08	ppb
Zirconium	91-1	1.93	2.02	1.86	1.94	3.99	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-07	Instrumnet Name :	P7
Client Sample ID :	ME28X1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:20:50	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12695.63	12676.37	12376.23	12582.74	1.42	ppb
Antimony	121-1	0.91	0.95	0.97	0.94	3.31	ppb
Arsenic	75-2	13.30	12.92	13.46	13.23	2.09	ppb
Barium	135-1	166.23	170.93	172.34	169.83	1.89	ppb
Barium	137-1	168.89	173.41	174.95	172.42	1.83	ppb
Beryllium	9-1	1.07	1.07	1.01	1.05	3.29	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.38	1.11	1.21	1.23	11.03	ppb
Cadmium	106-1	0.93	-0.51	0.19	0.20	354.79	ppb
Cadmium	111-1	0.95	0.91	0.95	0.94	2.65	ppb
Calcium	43-1	102762.86	102348.26	104092.46	103067.86	0.88	ppb
Calcium	44-1	100456.89	101825.66	104450.91	102244.49	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.96	48.80	48.28	48.68	0.74	ppb
Cobalt	59-2	16.14	16.06	15.91	16.04	0.74	ppb
Copper	63-2	55.31	54.74	54.00	54.68	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				105		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	40639.09	40442.29	40187.91	40423.10	0.56	ppb
Iron	57-2	40675.26	40853.61	39782.10	40436.99	1.42	ppb
Iron	54-2	40877.98	40446.24	39983.99	40436.07	1.11	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-07	Instrumnet Name :	P7
Client Sample ID :	ME28X1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:20:50	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	150.89	153.68	154.60	153.06	1.26	ppb
Lead	207-1	139.69	141.22	142.85	141.26	1.12	ppb
Lead	208-1	145.65	148.66	149.05	147.79	1.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	32190.17	32097.91	31884.34	32057.47	0.49	ppb
Manganese	55-2	1301.20	1299.88	1284.65	1295.24	0.71	ppb
Molybdenum	94-1	6.12	6.13	6.00	6.08	1.23	ppb
Molybdenum	95-1	2.66	2.73	2.77	2.72	2.00	ppb
Molybdenum	96-1	3.21	3.34	3.32	3.29	2.17	ppb
Molybdenum	97-1	2.65	2.72	2.68	2.69	1.38	ppb
Molybdenum	98-1	2.63	2.75	2.64	2.68	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.84	47.37	46.98	47.40	0.91	ppb
Phosphorus	31-2	972.93	944.30	938.72	951.98	1.93	ppb
Potassium	39-2	2113.18	2124.93	2104.80	2114.30	0.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.40	0.40	0.76	0.52	40.12	ppb
Selenium	77-2	8.36	8.18	7.46	8.00	5.96	ppb
Selenium	78-2	1.52	0.49	0.70	0.90	60.39	ppb
Silicon	28-1	732.19	740.73	755.41	742.78	1.58	ppb
Silver	107-1	0.35	0.36	0.36	0.36	1.40	ppb
Silver	109-1	0.35	0.34	0.36	0.35	2.98	ppb
Sodium	23-2	227.70	227.67	224.22	226.53	0.88	ppb
Strontium	86-1	2605.17	2668.75	2645.02	2639.64	1.22	ppb
Strontium	88-1	2608.57	2649.67	2653.77	2637.34	0.95	ppb
Sulfur	34-1	1059.81	1064.42	1252.45	1125.56	9.76	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.37	0.36	0.37	0.37	1.55	ppb
Thallium	205-1	0.36	0.36	0.37	0.36	0.90	ppb
Tin	118-1	2.75	2.88	2.79	2.81	2.34	ppb
Titanium	47-1	239.84	243.99	248.90	244.24	1.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-07	Instrumnet Name :	P7
Client Sample ID :	ME28X1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:20:50	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.12	1.14	1.12	1.33	ppb
Vanadium	51-2	39.54	39.77	39.25	39.52	0.66	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	300.77	301.46	301.15	301.13	0.11	ppb
Zirconium	90-1	2.05	2.13	2.13	2.10	2.06	ppb
Zirconium	91-1	2.09	2.16	2.07	2.11	2.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-08	Instrumnet Name :	P7
Client Sample ID :	ME28X2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:23:58	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13188.59	13115.57	13348.58	13217.58	0.90	ppb
Antimony	121-1	0.99	1.06	0.97	1.01	4.46	ppb
Arsenic	75-2	19.30	19.36	19.66	19.44	0.99	ppb
Barium	135-1	193.09	201.23	191.13	195.15	2.74	ppb
Barium	137-1	194.30	205.14	194.19	197.87	3.18	ppb
Beryllium	9-1	1.08	1.08	1.03	1.06	2.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.20	1.22	1.11	1.18	4.95	ppb
Cadmium	106-1	0.36	-0.93	0.16	-0.13		ppb
Cadmium	111-1	0.90	0.87	0.89	0.89	1.82	ppb
Calcium	43-1	101460.20	106161.93	103141.48	103587.87	2.30	ppb
Calcium	44-1	100133.59	103678.45	101252.55	101688.20	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.48	44.01	44.53	44.34	0.64	ppb
Cobalt	59-2	18.45	18.28	18.33	18.35	0.49	ppb
Copper	63-2	53.81	53.88	54.38	54.03	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	42228.65	42000.68	42180.31	42136.55	0.29	ppb
Iron	57-2	42152.69	41166.97	42489.74	41936.47	1.64	ppb
Iron	54-2	42371.27	41929.16	42224.22	42174.88	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-08	Instrumnet Name :	P7
Client Sample ID :	ME28X2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:23:58	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	136.90	141.99	138.77	139.22	1.85	ppb
Lead	207-1	126.07	132.83	126.80	128.56	2.89	ppb
Lead	208-1	132.38	136.90	133.71	134.33	1.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	35856.67	35468.90	36035.54	35787.04	0.81	ppb
Manganese	55-2	1303.80	1299.55	1294.75	1299.37	0.35	ppb
Molybdenum	94-1	5.60	5.97	5.56	5.71	3.98	ppb
Molybdenum	95-1	2.80	2.93	2.78	2.84	2.97	ppb
Molybdenum	96-1	3.33	3.47	3.37	3.39	2.21	ppb
Molybdenum	97-1	2.87	2.94	2.79	2.86	2.59	ppb
Molybdenum	98-1	2.80	2.92	2.74	2.82	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.86	50.54	50.73	50.71	0.32	ppb
Phosphorus	31-2	992.88	986.68	1017.72	999.09	1.64	ppb
Potassium	39-2	2361.93	2331.85	2329.26	2341.01	0.78	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	0.42	0.50	0.47	0.46	9.26	ppb
Selenium	77-2	6.45	8.17	7.33	7.32	11.80	ppb
Selenium	78-2	1.23	1.15	1.16	1.18	3.90	ppb
Silicon	28-1	442.08	455.02	437.48	444.86	2.04	ppb
Silver	107-1	0.33	0.34	0.33	0.33	0.83	ppb
Silver	109-1	0.34	0.36	0.32	0.34	5.31	ppb
Sodium	23-2	224.80	224.55	225.05	224.80	0.11	ppb
Strontium	86-1	4380.71	4663.23	4414.13	4486.02	3.44	ppb
Strontium	88-1	4434.19	4700.43	4442.11	4525.58	3.35	ppb
Sulfur	34-1	1346.53	1578.48	1386.40	1437.14	8.63	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.42	0.44	0.42	0.43	1.81	ppb
Thallium	205-1	0.41	0.43	0.42	0.42	2.87	ppb
Tin	118-1	3.11	3.25	3.17	3.18	2.34	ppb
Titanium	47-1	264.35	276.41	267.87	269.54	2.30	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-08	Instrumnet Name :	P7
Client Sample ID :	ME28X2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:23:58	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.17	1.11	1.13	3.04	ppb
Vanadium	51-2	42.67	42.72	43.02	42.81	0.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	279.04	279.14	282.94	280.38	0.79	ppb
Zirconium	90-1	1.87	1.96	1.85	1.90	3.14	ppb
Zirconium	91-1	1.89	2.07	1.88	1.95	5.46	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-09	Instrumnet Name :	P7
Client Sample ID :	ME28X3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:27:05	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11681.29	11658.51	11704.31	11681.37	0.20	ppb
Antimony	121-1	0.99	1.04	1.03	1.02	2.58	ppb
Arsenic	75-2	14.47	14.82	14.82	14.70	1.38	ppb
Barium	135-1	135.50	138.69	139.45	137.88	1.52	ppb
Barium	137-1	138.64	140.96	141.70	140.43	1.14	ppb
Beryllium	9-1	0.87	0.81	0.83	0.84	4.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.94	0.90	0.71	0.85	14.24	ppb
Cadmium	106-1	0.36	0.23	-0.35	0.08	479.47	ppb
Cadmium	111-1	0.68	0.74	0.77	0.73	6.19	ppb
Calcium	43-1	91754.81	93476.23	93146.38	92792.48	0.98	ppb
Calcium	44-1	91379.36	92723.55	92865.11	92322.67	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.33	33.28	33.17	33.26	0.23	ppb
Cobalt	59-2	17.06	16.96	17.17	17.06	0.60	ppb
Copper	63-2	44.53	44.18	44.72	44.48	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				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	37615.99	38045.64	37719.51	37793.71	0.59	ppb
Iron	57-2	37423.03	37706.04	37360.61	37496.56	0.49	ppb
Iron	54-2	37679.26	37946.44	37556.93	37727.54	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-09	Instrumnet Name :	P7
Client Sample ID :	ME28X3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:27:05	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	118.93	122.13	121.66	120.91	1.43	ppb
Lead	207-1	109.08	111.50	111.28	110.62	1.21	ppb
Lead	208-1	114.33	117.58	116.46	116.12	1.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	33780.99	33678.34	33972.86	33810.73	0.44	ppb
Manganese	55-2	1083.26	1087.65	1090.02	1086.98	0.32	ppb
Molybdenum	94-1	5.75	5.86	5.63	5.75	2.00	ppb
Molybdenum	95-1	3.00	3.02	3.00	3.01	0.37	ppb
Molybdenum	96-1	3.52	3.51	3.47	3.50	0.73	ppb
Molybdenum	97-1	2.97	3.07	3.12	3.05	2.47	ppb
Molybdenum	98-1	2.92	2.97	3.02	2.97	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.71	44.60	44.53	44.95	1.47	ppb
Phosphorus	31-2	940.37	937.50	930.07	935.98	0.57	ppb
Potassium	39-2	1987.00	2006.96	2011.48	2001.82	0.65	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.68	1.04	0.40	0.71	45.52	ppb
Selenium	77-2	6.12	8.53	6.19	6.95	19.73	ppb
Selenium	78-2	1.72	0.57	1.31	1.20	48.64	ppb
Silicon	28-1	603.39	607.70	601.85	604.31	0.50	ppb
Silver	107-1	0.19	0.20	0.20	0.19	2.83	ppb
Silver	109-1	0.20	0.20	0.20	0.20	1.06	ppb
Sodium	23-2	206.24	205.92	208.58	206.91	0.70	ppb
Strontium	86-1	2299.84	2343.60	2355.10	2332.85	1.25	ppb
Strontium	88-1	2319.22	2341.86	2355.17	2338.75	0.78	ppb
Sulfur	34-1	1498.78	1516.61	1498.49	1504.63	0.69	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.35	0.36	0.35	0.35	0.69	ppb
Thallium	205-1	0.33	0.37	0.35	0.35	4.83	ppb
Tin	118-1	1.92	1.91	1.94	1.92	0.72	ppb
Titanium	47-1	202.56	204.70	202.76	203.34	0.58	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-09	Instrumnet Name :	P7
Client Sample ID :	ME28X3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:27:05	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.19	1.20	1.18	2.06	ppb
Vanadium	51-2	37.01	37.94	37.57	37.50	1.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	277.56	276.10	277.31	276.99	0.28	ppb
Zirconium	90-1	1.84	1.84	1.86	1.85	0.60	ppb
Zirconium	91-1	1.84	1.87	1.84	1.85	0.94	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-10	Instrumnet Name :	P7
Client Sample ID :	ME28X4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:30:15	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14926.29	14894.98	14797.14	14872.80	0.45	ppb
Antimony	121-1	0.72	0.75	0.75	0.74	2.04	ppb
Arsenic	75-2	20.21	19.46	19.46	19.71	2.18	ppb
Barium	135-1	176.87	181.84	180.64	179.78	1.44	ppb
Barium	137-1	180.60	185.58	184.74	183.64	1.45	ppb
Beryllium	9-1	1.02	1.03	1.06	1.04	1.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	0.79	1.00	0.92	12.10	ppb
Cadmium	106-1	-0.13	-0.08	0.06	-0.05		ppb
Cadmium	111-1	0.78	0.87	0.79	0.81	5.92	ppb
Calcium	43-1	79077.69	80829.40	82442.80	80783.29	2.08	ppb
Calcium	44-1	77732.70	80889.78	81180.65	79934.37	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.00	49.59	49.48	49.69	0.55	ppb
Cobalt	59-2	22.23	22.16	22.10	22.16	0.28	ppb
Copper	63-2	53.94	53.31	53.91	53.72	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	48237.05	48034.95	48451.00	48241.00	0.43	ppb
Iron	57-2	47731.45	47540.37	47553.01	47608.28	0.22	ppb
Iron	54-2	48082.06	48022.75	47875.16	47993.32	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-10	Instrumnet Name :	P7
Client Sample ID :	ME28X4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:30:15	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	76.34	78.12	80.08	78.18	2.39	ppb
Lead	207-1	70.39	72.66	73.59	72.21	2.28	ppb
Lead	208-1	72.77	74.90	76.16	74.61	2.29	ppb
Lithium	6-1				103		%
Magnesium	24-2	37409.91	37315.89	37200.33	37308.71	0.28	ppb
Manganese	55-2	1285.16	1296.70	1278.79	1286.88	0.71	ppb
Molybdenum	94-1	6.56	6.96	6.94	6.82	3.27	ppb
Molybdenum	95-1	3.02	3.19	3.12	3.11	2.78	ppb
Molybdenum	96-1	3.74	3.82	3.95	3.84	2.72	ppb
Molybdenum	97-1	3.03	3.23	3.20	3.16	3.39	ppb
Molybdenum	98-1	3.07	3.12	3.18	3.12	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.53	65.49	65.02	65.34	0.43	ppb
Phosphorus	31-2	1160.46	1152.28	1126.09	1146.28	1.57	ppb
Potassium	39-2	2586.00	2522.14	2573.43	2560.52	1.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.48	0.61	0.50	0.53	13.83	ppb
Selenium	77-2	10.36	6.37	9.20	8.64	23.70	ppb
Selenium	78-2	1.03	0.53	1.08	0.88	34.81	ppb
Silicon	28-1	642.45	663.75	682.38	662.86	3.01	ppb
Silver	107-1	0.34	0.37	0.35	0.35	4.71	ppb
Silver	109-1	0.35	0.34	0.35	0.35	1.92	ppb
Sodium	23-2	242.84	243.45	244.78	243.69	0.41	ppb
Strontium	86-1	2117.52	2211.91	2233.03	2187.49	2.81	ppb
Strontium	88-1	2148.36	2215.45	2219.71	2194.50	1.82	ppb
Sulfur	34-1	1236.81	1330.89	1433.79	1333.83	7.39	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.46	0.45	0.46	0.46	1.42	ppb
Thallium	205-1	0.43	0.45	0.47	0.45	4.21	ppb
Tin	118-1	1.77	1.84	1.87	1.83	2.78	ppb
Titanium	47-1	225.67	234.13	235.87	231.89	2.35	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-10	Instrumnet Name :	P7
Client Sample ID :	ME28X4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:30:15	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.43	1.45	1.41	3.24	ppb
Vanadium	51-2	47.37	47.50	47.56	47.48	0.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	250.42	247.47	246.14	248.01	0.88	ppb
Zirconium	90-1	2.26	2.39	2.41	2.35	3.39	ppb
Zirconium	91-1	2.34	2.37	2.39	2.37	1.10	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-11	Instrumnet Name :	P7
Client Sample ID :	ME28X5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:33:24	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16345.99	16579.47	16593.57	16506.34	0.84	ppb
Antimony	121-1	0.81	0.82	0.81	0.81	0.36	ppb
Arsenic	75-2	21.90	21.92	22.17	22.00	0.69	ppb
Barium	135-1	204.03	204.47	204.65	204.38	0.16	ppb
Barium	137-1	205.35	209.72	206.62	207.23	1.09	ppb
Beryllium	9-1	1.17	1.15	1.12	1.15	2.50	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	0.96	1.19	1.08	10.33	ppb
Cadmium	106-1	0.94	0.44	-0.19	0.39	143.55	ppb
Cadmium	111-1	1.01	1.05	0.98	1.01	3.29	ppb
Calcium	43-1	95735.59	96706.51	94223.87	95555.32	1.31	ppb
Calcium	44-1	94653.51	95475.35	94591.14	94906.66	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.54	114.75	113.84	113.71	0.98	ppb
Cobalt	59-2	24.55	24.85	24.74	24.71	0.62	ppb
Copper	63-2	57.75	58.60	58.75	58.37	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				105		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	56787.06	57643.65	56564.61	56998.44	1.00	ppb
Iron	57-2	56003.65	56765.06	56764.67	56511.13	0.78	ppb
Iron	54-2	56744.41	57807.22	56895.36	57149.00	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-11	Instrumnet Name :	P7
Client Sample ID :	ME28X5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:33:24	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.79	107.94	107.82	106.85	1.67	ppb
Lead	207-1	97.16	99.31	99.35	98.61	1.27	ppb
Lead	208-1	101.65	103.55	103.55	102.92	1.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	42632.95	43293.42	42687.16	42871.17	0.86	ppb
Manganese	55-2	1810.41	1848.45	1834.74	1831.20	1.05	ppb
Molybdenum	94-1	8.02	8.15	8.07	8.08	0.82	ppb
Molybdenum	95-1	3.66	3.81	3.76	3.74	2.10	ppb
Molybdenum	96-1	4.49	4.66	4.55	4.57	1.93	ppb
Molybdenum	97-1	3.91	3.79	3.78	3.83	1.79	ppb
Molybdenum	98-1	3.79	3.76	3.76	3.77	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.24	69.96	70.29	70.16	0.25	ppb
Phosphorus	31-2	1357.48	1322.75	1322.65	1334.29	1.50	ppb
Potassium	39-2	2805.65	2804.25	2771.96	2793.95	0.68	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	1.04	0.06	0.88	0.66	79.99	ppb
Selenium	77-2	8.49	10.97	9.32	9.59	13.17	ppb
Selenium	78-2	1.48	1.21	0.20	0.96	70.09	ppb
Silicon	28-1	642.71	645.97	635.04	641.24	0.87	ppb
Silver	107-1	0.43	0.44	0.43	0.43	1.05	ppb
Silver	109-1	0.42	0.43	0.42	0.42	1.41	ppb
Sodium	23-2	248.02	248.60	249.04	248.55	0.21	ppb
Strontium	86-1	2528.31	2571.44	2553.71	2551.16	0.85	ppb
Strontium	88-1	2571.83	2585.71	2536.49	2564.68	0.99	ppb
Sulfur	34-1	1545.26	1595.09	1481.87	1540.74	3.68	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.50	0.53	0.54	0.52	3.12	ppb
Thallium	205-1	0.52	0.52	0.53	0.52	1.12	ppb
Tin	118-1	1.75	1.80	1.79	1.78	1.27	ppb
Titanium	47-1	259.82	259.51	258.62	259.32	0.24	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-11	Instrumnet Name :	P7
Client Sample ID :	ME28X5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:33:24	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.65	1.65	1.65	0.06	ppb
Vanadium	51-2	56.63	57.03	57.45	57.04	0.72	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	294.75	294.71	296.20	295.22	0.29	ppb
Zirconium	90-1	2.75	2.74	2.72	2.74	0.49	ppb
Zirconium	91-1	2.74	2.83	2.74	2.77	1.88	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-12	Instrumnet Name :	P7
Client Sample ID :	ME28X6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:36:33	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14474.10	14389.53	14594.37	14486.00	0.71	ppb
Antimony	121-1	0.55	0.56	0.55	0.55	0.59	ppb
Arsenic	75-2	21.48	22.17	21.61	21.75	1.68	ppb
Barium	135-1	133.72	135.17	135.67	134.85	0.75	ppb
Barium	137-1	134.70	137.66	135.93	136.10	1.09	ppb
Beryllium	9-1	0.96	1.01	1.06	1.01	4.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.31	1.06	1.17	10.89	ppb
Cadmium	106-1	1.46	0.33	0.11	0.63	114.53	ppb
Cadmium	111-1	0.65	0.54	0.52	0.57	12.05	ppb
Calcium	43-1	192251.53	195536.85	194295.91	194028.10	0.86	ppb
Calcium	44-1	190554.87	193323.56	193936.57	192605.00	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.45	35.84	36.74	36.35	1.26	ppb
Cobalt	59-2	24.67	24.45	24.81	24.64	0.73	ppb
Copper	63-2	53.29	52.97	53.47	53.24	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	52855.92	52717.78	53383.64	52985.78	0.66	ppb
Iron	57-2	53458.41	53178.25	53342.72	53326.46	0.26	ppb
Iron	54-2	53458.72	52387.43	53155.46	53000.54	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-12	Instrumnet Name :	P7
Client Sample ID :	ME28X6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:36:33	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.50	40.21	39.88	40.19	0.77	ppb
Lead	207-1	36.97	37.20	36.43	36.86	1.08	ppb
Lead	208-1	38.23	37.91	37.49	37.88	0.98	ppb
Lithium	6-1				101		%
Magnesium	24-2	29280.60	28996.31	29197.75	29158.22	0.50	ppb
Manganese	55-2	1287.13	1288.45	1284.05	1286.54	0.18	ppb
Molybdenum	94-1	17.83	17.97	18.30	18.03	1.35	ppb
Molybdenum	95-1	11.54	11.63	11.76	11.64	0.96	ppb
Molybdenum	96-1	12.43	12.53	12.78	12.58	1.43	ppb
Molybdenum	97-1	11.60	11.54	11.84	11.66	1.35	ppb
Molybdenum	98-1	11.39	11.62	11.54	11.52	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.12	64.07	64.38	64.19	0.26	ppb
Phosphorus	31-2	1199.79	1167.55	1176.10	1181.15	1.41	ppb
Potassium	39-2	2133.91	2105.74	2152.39	2130.68	1.10	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.53	0.57	0.99	0.70	36.45	ppb
Selenium	77-2	8.50	11.11	9.76	9.79	13.33	ppb
Selenium	78-2	0.64	1.77	0.60	1.00	65.84	ppb
Silicon	28-1	649.82	648.90	644.70	647.81	0.42	ppb
Silver	107-1	0.14	0.15	0.13	0.14	7.04	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.20	ppb
Sodium	23-2	217.06	215.80	216.88	216.58	0.31	ppb
Strontium	86-1	5496.93	5514.19	5597.15	5536.09	0.97	ppb
Strontium	88-1	5574.62	5567.52	5609.08	5583.74	0.40	ppb
Sulfur	34-1	1132.05	1192.03	1093.85	1139.31	4.34	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.49	0.50	0.50	0.50	0.94	ppb
Thallium	205-1	0.49	0.49	0.49	0.49	0.57	ppb
Tin	118-1	0.75	0.73	0.75	0.74	1.37	ppb
Titanium	47-1	202.39	202.78	204.71	203.29	0.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-12	Instrumnet Name :	P7
Client Sample ID :	ME28X6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:36:33	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.21	2.19	2.21	2.20	0.53	ppb
Vanadium	51-2	41.46	41.69	41.70	41.61	0.33	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	269.61	266.71	269.63	268.65	0.62	ppb
Zirconium	90-1	4.70	4.83	4.81	4.78	1.49	ppb
Zirconium	91-1	4.56	4.76	4.95	4.76	4.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-13	Instrumnet Name :	P7
Client Sample ID :	ME28X7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:39:40	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13145.03	13378.30	13410.46	13311.27	1.09	ppb
Antimony	121-1	0.37	0.39	0.39	0.38	3.35	ppb
Arsenic	75-2	15.10	14.97	15.09	15.05	0.49	ppb
Barium	135-1	119.13	121.55	121.08	120.59	1.07	ppb
Barium	137-1	121.78	122.50	124.25	122.84	1.03	ppb
Beryllium	9-1	0.88	0.84	0.87	0.86	2.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.80	0.96	0.77	0.84	12.61	ppb
Cadmium	106-1	0.61	-0.70	-0.41	-0.16		ppb
Cadmium	111-1	0.52	0.47	0.49	0.49	5.16	ppb
Calcium	43-1	159267.06	162221.48	162818.54	161435.69	1.18	ppb
Calcium	44-1	156974.42	162955.91	161220.87	160383.73	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.23	43.40	43.78	43.47	0.64	ppb
Cobalt	59-2	18.91	18.80	18.78	18.83	0.37	ppb
Copper	63-2	43.35	43.70	43.82	43.62	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	49408.17	49401.91	49483.76	49431.28	0.09	ppb
Iron	57-2	49682.34	49409.65	48835.94	49309.31	0.88	ppb
Iron	54-2	49134.77	49705.63	49651.03	49497.14	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-13	Instrumnet Name :	P7
Client Sample ID :	ME28X7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:39:40	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.54	46.28	45.88	45.90	0.80	ppb
Lead	207-1	41.33	42.17	41.54	41.68	1.05	ppb
Lead	208-1	42.97	43.62	43.33	43.31	0.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	20648.93	20894.41	20649.21	20730.85	0.68	ppb
Manganese	55-2	1343.56	1336.59	1358.21	1346.12	0.82	ppb
Molybdenum	94-1	12.27	12.59	12.42	12.43	1.28	ppb
Molybdenum	95-1	8.64	8.79	8.70	8.71	0.87	ppb
Molybdenum	96-1	9.20	9.31	9.35	9.29	0.86	ppb
Molybdenum	97-1	8.54	8.83	8.86	8.75	2.02	ppb
Molybdenum	98-1	8.52	8.76	8.63	8.64	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.90	53.18	53.57	53.55	0.67	ppb
Phosphorus	31-2	866.59	868.32	826.34	853.75	2.78	ppb
Potassium	39-2	2079.39	2085.99	2100.27	2088.55	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.88	0.61	0.44	0.64	34.52	ppb
Selenium	77-2	9.47	9.64	8.29	9.13	8.06	ppb
Selenium	78-2	-0.38	-0.36	0.54	-0.06		ppb
Silicon	28-1	658.16	652.80	653.48	654.81	0.44	ppb
Silver	107-1	0.13	0.13	0.13	0.13	2.16	ppb
Silver	109-1	0.12	0.12	0.13	0.12	2.41	ppb
Sodium	23-2	260.30	262.91	261.79	261.67	0.50	ppb
Strontium	86-1	5019.15	5083.57	5113.64	5072.12	0.95	ppb
Strontium	88-1	5124.49	5144.93	5147.27	5138.90	0.24	ppb
Sulfur	34-1	675.50	881.03	827.81	794.78	13.42	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.35	0.36	0.36	0.36	0.88	ppb
Thallium	205-1	0.34	0.34	0.33	0.34	1.20	ppb
Tin	118-1	1.91	1.93	1.95	1.93	1.05	ppb
Titanium	47-1	165.55	172.46	172.54	170.18	2.36	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-13	Instrumnet Name :	P7
Client Sample ID :	ME28X7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:39:40	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.70	1.74	1.72	1.72	1.17	ppb
Vanadium	51-2	40.49	40.60	40.29	40.46	0.39	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	271.58	272.49	272.36	272.14	0.18	ppb
Zirconium	90-1	2.80	2.93	2.88	2.87	2.25	ppb
Zirconium	91-1	2.86	2.88	2.96	2.90	1.81	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-14	Instrumnet Name :	P7
Client Sample ID :	ME28X8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:42:49	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7628.13	7669.63	7739.93	7679.23	0.74	ppb
Antimony	121-1	0.60	0.60	0.61	0.60	1.50	ppb
Arsenic	75-2	15.57	14.88	15.15	15.20	2.30	ppb
Barium	135-1	187.17	191.96	188.51	189.21	1.31	ppb
Barium	137-1	189.81	195.11	191.82	192.25	1.39	ppb
Beryllium	9-1	0.56	0.51	0.45	0.51	10.61	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.51	1.36	1.44	5.39	ppb
Cadmium	106-1	1.09	1.03	1.14	1.09	5.32	ppb
Cadmium	111-1	0.66	0.72	0.71	0.70	4.80	ppb
Calcium	43-1	330346.27	335070.84	332022.16	332479.75	0.72	ppb
Calcium	44-1	326328.13	332435.65	333061.50	330608.43	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.50	21.44	21.40	21.44	0.23	ppb
Cobalt	59-2	13.85	13.72	13.95	13.84	0.86	ppb
Copper	63-2	31.65	32.13	32.28	32.02	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	28607.18	28907.89	29262.43	28925.83	1.13	ppb
Iron	57-2	30068.57	30156.37	30712.90	30312.61	1.15	ppb
Iron	54-2	28994.30	29116.99	29047.35	29052.88	0.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-14	Instrumnet Name :	P7
Client Sample ID :	ME28X8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:42:49	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.23	15.96	16.32	16.17	1.17	ppb
Lead	207-1	14.02	14.15	14.53	14.23	1.86	ppb
Lead	208-1	14.75	14.73	14.98	14.82	0.93	ppb
Lithium	6-1				103		%
Magnesium	24-2	98823.99	100176.56	100115.95	99705.50	0.77	ppb
Manganese	55-2	767.01	776.47	786.75	776.74	1.27	ppb
Molybdenum	94-1	25.35	25.30	25.07	25.24	0.58	ppb
Molybdenum	95-1	10.69	10.95	10.87	10.84	1.22	ppb
Molybdenum	96-1	12.51	12.68	12.46	12.55	0.91	ppb
Molybdenum	97-1	10.86	10.92	10.89	10.89	0.27	ppb
Molybdenum	98-1	10.86	10.90	10.77	10.84	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.69	37.37	37.80	37.62	0.59	ppb
Phosphorus	31-2	760.94	771.91	796.70	776.52	2.36	ppb
Potassium	39-2	1473.94	1457.23	1476.89	1469.36	0.72	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	1.78	0.89	1.31	1.33	33.60	ppb
Selenium	77-2	5.53	7.68	7.47	6.89	17.15	ppb
Selenium	78-2	0.70	0.13	-0.01	0.27	136.61	ppb
Silicon	28-1	504.53	515.73	510.74	510.33	1.10	ppb
Silver	107-1	0.14	0.15	0.13	0.14	5.80	ppb
Silver	109-1	0.12	0.14	0.13	0.13	5.73	ppb
Sodium	23-2	341.43	344.16	345.12	343.57	0.56	ppb
Strontium	86-1	39769.66	40068.84	40013.27	39950.59	0.40	ppb
Strontium	88-1	39713.88	40289.27	40649.72	40217.62	1.17	ppb
Sulfur	34-1	9948.19	10056.49	10154.18	10052.95	1.02	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.23	0.22	0.25	0.24	6.36	ppb
Thallium	205-1	0.25	0.24	0.26	0.25	4.00	ppb
Tin	118-1	1.36	1.39	1.38	1.38	1.00	ppb
Titanium	47-1	164.41	163.46	163.50	163.79	0.33	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-14	Instrumnet Name :	P7
Client Sample ID :	ME28X8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:42:49	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	3.89	3.89	3.98	3.92	1.25	ppb
Vanadium	51-2	26.41	26.61	26.94	26.65	1.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	105.23	104.54	107.23	105.67	1.32	ppb
Zirconium	90-1	9.02	9.20	9.09	9.10	0.99	ppb
Zirconium	91-1	8.95	9.22	9.24	9.13	1.74	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-15	Instrumnet Name :	P7
Client Sample ID :	ME28X9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:45:57	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13785.21	13730.24	13490.93	13668.79	1.14	ppb
Antimony	121-1	0.49	0.48	0.46	0.48	3.53	ppb
Arsenic	75-2	12.62	12.65	12.63	12.63	0.14	ppb
Barium	135-1	167.21	158.92	164.44	163.52	2.58	ppb
Barium	137-1	169.13	161.99	166.42	165.85	2.17	ppb
Beryllium	9-1	0.97	0.87	0.80	0.88	9.81	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.93	0.74	0.93	0.86	12.70	ppb
Cadmium	106-1	0.50	0.13	-0.45	0.06	824.43	ppb
Cadmium	111-1	0.57	0.53	0.52	0.54	4.62	ppb
Calcium	43-1	76008.39	72912.49	73447.83	74122.91	2.23	ppb
Calcium	44-1	74877.81	72029.59	73065.94	73324.45	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.78	39.86	39.09	39.58	1.06	ppb
Cobalt	59-2	18.67	18.82	18.43	18.64	1.06	ppb
Copper	63-2	38.20	38.28	37.81	38.10	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				105		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	41455.57	41593.61	40922.97	41324.05	0.86	ppb
Iron	57-2	40942.35	40540.42	40712.02	40731.60	0.50	ppb
Iron	54-2	41740.40	41288.72	41013.68	41347.60	0.89	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-15	Instrumnet Name :	P7
Client Sample ID :	ME28X9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:45:57	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.56	55.44	57.38	57.13	2.75	ppb
Lead	207-1	53.83	51.21	52.90	52.65	2.53	ppb
Lead	208-1	55.95	52.39	54.41	54.25	3.29	ppb
Lithium	6-1				104		%
Magnesium	24-2	32894.15	32835.57	32609.76	32779.83	0.46	ppb
Manganese	55-2	997.47	993.68	977.04	989.40	1.10	ppb
Molybdenum	94-1	6.82	6.52	6.62	6.65	2.32	ppb
Molybdenum	95-1	2.31	2.23	2.28	2.27	1.84	ppb
Molybdenum	96-1	3.02	2.89	2.94	2.95	2.23	ppb
Molybdenum	97-1	2.30	2.20	2.29	2.26	2.43	ppb
Molybdenum	98-1	2.26	2.14	2.20	2.20	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.21	55.47	55.16	55.28	0.30	ppb
Phosphorus	31-2	999.94	1013.91	1056.36	1023.40	2.87	ppb
Potassium	39-2	2386.72	2322.25	2305.23	2338.07	1.84	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	0.31	-0.05	0.24	0.16	116.15	ppb
Selenium	77-2	9.23	5.71	6.56	7.16	25.68	ppb
Selenium	78-2	-0.16	1.32	1.03	0.73	107.70	ppb
Silicon	28-1	787.46	754.22	760.12	767.27	2.31	ppb
Silver	107-1	0.24	0.24	0.24	0.24	1.22	ppb
Silver	109-1	0.25	0.24	0.25	0.25	1.57	ppb
Sodium	23-2	204.44	208.52	202.82	205.26	1.43	ppb
Strontium	86-1	2226.17	2156.21	2205.03	2195.80	1.63	ppb
Strontium	88-1	2255.25	2187.29	2237.99	2226.84	1.59	ppb
Sulfur	34-1	1475.28	1220.83	1274.21	1323.44	10.14	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.32	0.30	0.33	0.32	4.59	ppb
Thallium	205-1	0.33	0.31	0.33	0.32	3.87	ppb
Tin	118-1	1.39	1.34	1.41	1.38	2.51	ppb
Titanium	47-1	224.38	217.31	220.80	220.83	1.60	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-15	Instrumnet Name :	P7
Client Sample ID :	ME28X9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:45:57	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.10	1.14	1.13	2.90	ppb
Vanadium	51-2	42.28	42.37	41.86	42.17	0.65	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	187.28	188.12	185.67	187.02	0.67	ppb
Zirconium	90-1	2.73	2.62	2.62	2.66	2.31	ppb
Zirconium	91-1	2.70	2.62	2.68	2.67	1.61	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-16	Instrumnet Name :	P7
Client Sample ID :	ME28Y0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:49:07	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12796.30	13012.86	12686.05	12831.74	1.30	ppb
Antimony	121-1	2.73	2.79	2.77	2.76	1.08	ppb
Arsenic	75-2	13.24	13.64	13.25	13.37	1.74	ppb
Barium	135-1	135.64	137.88	136.34	136.62	0.84	ppb
Barium	137-1	138.10	139.35	139.04	138.83	0.47	ppb
Beryllium	9-1	0.88	0.89	0.95	0.91	3.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.05	0.87	0.97	9.88	ppb
Cadmium	106-1	0.31	-0.29	-0.78	-0.25		ppb
Cadmium	111-1	0.53	0.51	0.49	0.51	3.94	ppb
Calcium	43-1	88963.74	89858.02	89872.96	89564.91	0.58	ppb
Calcium	44-1	87882.46	88396.57	89622.58	88633.87	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.41	41.39	40.91	41.24	0.69	ppb
Cobalt	59-2	17.67	17.97	17.61	17.75	1.10	ppb
Copper	63-2	39.29	39.45	39.07	39.27	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				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	40547.81	40627.76	40611.56	40595.71	0.10	ppb
Iron	57-2	39997.34	40393.89	40460.67	40283.96	0.62	ppb
Iron	54-2	40490.25	40707.19	40350.84	40516.09	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-16	Instrumnet Name :	P7
Client Sample ID :	ME28Y0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:49:07	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.09	67.87	67.52	67.49	0.58	ppb
Lead	207-1	62.80	63.67	62.70	63.06	0.84	ppb
Lead	208-1	64.38	64.73	64.48	64.53	0.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	26787.44	26879.70	26507.01	26724.72	0.73	ppb
Manganese	55-2	964.63	962.31	952.49	959.81	0.67	ppb
Molybdenum	94-1	6.45	6.42	6.91	6.59	4.19	ppb
Molybdenum	95-1	3.12	3.05	3.14	3.10	1.62	ppb
Molybdenum	96-1	3.71	3.76	3.78	3.75	1.04	ppb
Molybdenum	97-1	3.16	3.15	3.18	3.16	0.40	ppb
Molybdenum	98-1	3.08	3.13	3.13	3.11	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.87	91.62	91.65	91.71	0.15	ppb
Phosphorus	31-2	969.16	919.31	946.12	944.86	2.64	ppb
Potassium	39-2	2104.87	2085.37	2065.93	2085.39	0.93	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.84	0.30	0.77	0.64	46.26	ppb
Selenium	77-2	9.53	9.25	7.69	8.82	11.27	ppb
Selenium	78-2	0.29	0.02	-0.25	0.02	1228.97	ppb
Silicon	28-1	600.09	608.49	613.68	607.42	1.13	ppb
Silver	107-1	0.17	0.16	0.17	0.17	0.78	ppb
Silver	109-1	0.17	0.17	0.16	0.17	2.85	ppb
Sodium	23-2	178.18	184.96	181.60	181.58	1.87	ppb
Strontium	86-1	2842.47	2858.46	2885.40	2862.11	0.76	ppb
Strontium	88-1	2840.97	2866.98	2894.66	2867.54	0.94	ppb
Sulfur	34-1	1797.82	1825.82	1822.01	1815.22	0.84	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.33	0.33	0.34	0.33	1.73	ppb
Thallium	205-1	0.32	0.33	0.33	0.33	1.16	ppb
Tin	118-1	1.49	1.44	1.44	1.46	1.82	ppb
Titanium	47-1	197.55	193.72	197.02	196.10	1.06	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-16	Instrumnet Name :	P7
Client Sample ID :	ME28Y0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:49:07	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.42	1.40	1.38	1.40	1.24	ppb
Vanadium	51-2	40.98	41.25	41.35	41.19	0.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	195.12	197.24	193.80	195.39	0.89	ppb
Zirconium	90-1	2.14	2.15	2.19	2.16	1.20	ppb
Zirconium	91-1	2.21	2.19	2.14	2.18	1.55	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-17	Instrumnet Name :	P7
Client Sample ID :	ME28Y1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:52:15	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11451.95	11555.81	11443.91	11483.89	0.54	ppb
Antimony	121-1	2.43	2.40	2.46	2.43	1.41	ppb
Arsenic	75-2	12.38	12.18	12.04	12.20	1.41	ppb
Barium	135-1	119.02	118.81	119.55	119.12	0.32	ppb
Barium	137-1	120.90	120.17	120.88	120.65	0.34	ppb
Beryllium	9-1	0.83	0.80	0.86	0.83	3.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.80	0.72	0.73	0.75	5.19	ppb
Cadmium	106-1	0.23	-0.65	-0.96	-0.46		ppb
Cadmium	111-1	0.48	0.46	0.40	0.44	9.58	ppb
Calcium	43-1	90861.23	91214.48	91844.94	91306.89	0.55	ppb
Calcium	44-1	90729.97	91084.95	90964.71	90926.54	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.57	30.47	30.42	30.49	0.24	ppb
Cobalt	59-2	17.03	16.86	16.87	16.92	0.56	ppb
Copper	63-2	35.48	35.65	35.26	35.46	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				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	37235.57	36916.57	36672.87	36941.67	0.76	ppb
Iron	57-2	36998.66	36858.43	36600.64	36819.24	0.55	ppb
Iron	54-2	36958.61	36493.52	36713.71	36721.94	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-17	Instrumnet Name :	P7
Client Sample ID :	ME28Y1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:52:15	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.86	44.58	44.23	44.22	0.82	ppb
Lead	207-1	40.27	40.41	40.27	40.32	0.21	ppb
Lead	208-1	41.55	41.93	41.72	41.74	0.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	35163.92	34956.21	34667.89	34929.34	0.71	ppb
Manganese	55-2	989.21	978.35	963.26	976.94	1.33	ppb
Molybdenum	94-1	5.48	5.36	5.49	5.44	1.31	ppb
Molybdenum	95-1	2.35	2.28	2.28	2.30	1.89	ppb
Molybdenum	96-1	2.85	2.86	2.82	2.84	0.73	ppb
Molybdenum	97-1	2.27	2.11	2.38	2.25	6.04	ppb
Molybdenum	98-1	2.24	2.23	2.24	2.24	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.32	44.00	44.25	44.19	0.38	ppb
Phosphorus	31-2	909.46	867.27	898.17	891.63	2.45	ppb
Potassium	39-2	1960.97	1954.40	1939.84	1951.74	0.55	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.73	0.11	0.45	0.43	71.20	ppb
Selenium	77-2	6.08	7.75	5.74	6.53	16.45	ppb
Selenium	78-2	2.09	0.63	-0.95	0.59	258.86	ppb
Silicon	28-1	647.72	612.58	605.63	621.97	3.63	ppb
Silver	107-1	0.19	0.18	0.19	0.18	3.57	ppb
Silver	109-1	0.18	0.18	0.17	0.18	5.16	ppb
Sodium	23-2	197.44	198.95	197.11	197.84	0.50	ppb
Strontium	86-1	2455.64	2415.35	2472.37	2447.79	1.20	ppb
Strontium	88-1	2469.53	2445.06	2475.91	2463.50	0.66	ppb
Sulfur	34-1	1403.00	1449.25	1428.10	1426.78	1.62	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.31	0.32	0.32	0.32	2.27	ppb
Thallium	205-1	0.32	0.33	0.32	0.32	2.17	ppb
Tin	118-1	1.05	1.02	1.05	1.04	1.58	ppb
Titanium	47-1	174.39	174.76	174.89	174.68	0.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-17	Instrumnet Name :	P7
Client Sample ID :	ME28Y1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:52:15	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.21	1.20	1.19	1.86	ppb
Vanadium	51-2	36.93	36.53	35.97	36.48	1.33	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	148.31	145.73	146.65	146.90	0.89	ppb
Zirconium	90-1	1.91	1.93	1.93	1.92	0.63	ppb
Zirconium	91-1	1.94	1.90	2.01	1.95	2.79	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-18	Instrumnet Name :	P7
Client Sample ID :	ME28Y2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:55:25	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16129.03	15898.65	15962.53	15996.74	0.74	ppb
Antimony	121-1	1.53	1.67	1.64	1.62	4.67	ppb
Arsenic	75-2	17.24	17.53	16.97	17.24	1.63	ppb
Barium	135-1	160.88	171.33	170.75	167.66	3.50	ppb
Barium	137-1	162.91	173.48	172.39	169.59	3.43	ppb
Beryllium	9-1	1.09	1.07	1.00	1.05	4.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.78	0.73	0.80	10.08	ppb
Cadmium	106-1	0.23	0.11	-1.06	-0.24		ppb
Cadmium	111-1	0.54	0.56	0.54	0.55	2.21	ppb
Calcium	43-1	108345.45	114188.45	113466.22	112000.04	2.84	ppb
Calcium	44-1	106909.11	112998.89	113253.81	111053.94	3.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.05	68.41	68.53	68.66	0.49	ppb
Cobalt	59-2	21.95	21.95	21.98	21.96	0.09	ppb
Copper	63-2	44.52	44.41	44.01	44.31	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				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	48922.55	48669.46	49061.17	48884.39	0.41	ppb
Iron	57-2	48806.04	48392.42	48609.65	48602.70	0.43	ppb
Iron	54-2	48753.63	48405.19	48944.14	48700.99	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-18	Instrumnet Name :	P7
Client Sample ID :	ME28Y2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:55:25	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.46	56.15	56.09	55.23	2.78	ppb
Lead	207-1	49.06	51.07	51.47	50.53	2.56	ppb
Lead	208-1	50.68	53.23	53.04	52.32	2.71	ppb
Lithium	6-1				103		%
Magnesium	24-2	40808.87	40408.38	40295.64	40504.30	0.67	ppb
Manganese	55-2	1919.15	1894.08	1894.26	1902.49	0.76	ppb
Molybdenum	94-1	7.12	7.74	7.70	7.52	4.64	ppb
Molybdenum	95-1	2.78	2.97	2.91	2.89	3.42	ppb
Molybdenum	96-1	3.47	3.70	3.78	3.65	4.36	ppb
Molybdenum	97-1	2.74	2.94	2.87	2.85	3.48	ppb
Molybdenum	98-1	2.72	2.89	2.86	2.82	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.60	57.90	58.09	57.86	0.42	ppb
Phosphorus	31-2	1168.48	1216.64	1179.75	1188.29	2.12	ppb
Potassium	39-2	2503.96	2443.77	2455.12	2467.62	1.30	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	1.05	0.67	0.47	0.73	40.16	ppb
Selenium	77-2	7.39	7.11	9.62	8.04	17.10	ppb
Selenium	78-2	0.34	0.47	0.66	0.49	32.53	ppb
Silicon	28-1	629.68	701.97	667.83	666.49	5.43	ppb
Silver	107-1	0.21	0.22	0.23	0.22	4.42	ppb
Silver	109-1	0.20	0.20	0.22	0.21	4.86	ppb
Sodium	23-2	235.23	236.69	235.33	235.75	0.35	ppb
Strontium	86-1	3188.05	3430.74	3360.66	3326.48	3.75	ppb
Strontium	88-1	3197.41	3436.69	3428.51	3354.20	4.05	ppb
Sulfur	34-1	1437.42	1753.80	1677.09	1622.77	10.17	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.37	0.39	0.37	0.37	2.79	ppb
Thallium	205-1	0.35	0.37	0.37	0.37	3.19	ppb
Tin	118-1	1.13	1.24	1.24	1.20	5.54	ppb
Titanium	47-1	214.86	231.12	230.69	225.56	4.11	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-18	Instrumnet Name :	P7
Client Sample ID :	ME28Y2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:55:25	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.54	1.59	1.60	1.58	1.81	ppb
Vanadium	51-2	61.23	60.97	61.08	61.09	0.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	180.55	180.58	180.33	180.49	0.08	ppb
Zirconium	90-1	2.69	2.95	2.89	2.84	4.78	ppb
Zirconium	91-1	2.74	3.02	2.93	2.90	4.98	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:58:32	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10172.72	10268.66	10228.43	10223.27	0.47	ppb
Antimony	121-1	1.66	1.68	1.65	1.66	1.08	ppb
Arsenic	75-2	12.77	13.74	13.64	13.38	4.02	ppb
Barium	135-1	122.06	121.68	122.10	121.95	0.19	ppb
Barium	137-1	123.49	122.93	123.61	123.34	0.29	ppb
Beryllium	9-1	0.72	0.78	0.85	0.78	8.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.66	0.76	0.69	7.87	ppb
Cadmium	106-1	0.16	-1.00	0.07	-0.26		ppb
Cadmium	111-1	0.67	0.58	0.65	0.63	7.82	ppb
Calcium	43-1	58385.98	58345.66	58077.65	58269.77	0.29	ppb
Calcium	44-1	57471.93	58028.08	57775.05	57758.35	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.14	39.42	40.22	39.93	1.10	ppb
Cobalt	59-2	15.15	15.05	15.12	15.10	0.31	ppb
Copper	63-2	34.73	34.26	34.43	34.47	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				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	37040.55	36908.45	37282.34	37077.11	0.51	ppb
Iron	57-2	37007.31	36950.61	37172.21	37043.38	0.31	ppb
Iron	54-2	37139.97	36862.50	37292.42	37098.30	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:58:32	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.43	74.44	74.54	74.14	0.83	ppb
Lead	207-1	67.10	67.96	68.18	67.75	0.84	ppb
Lead	208-1	69.35	70.33	70.50	70.06	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	24868.57	25122.10	24713.16	24901.28	0.83	ppb
Manganese	55-2	990.22	988.91	992.64	990.59	0.19	ppb
Molybdenum	94-1	4.86	5.07	5.00	4.98	2.12	ppb
Molybdenum	95-1	2.49	2.62	2.52	2.54	2.84	ppb
Molybdenum	96-1	2.89	3.10	3.01	3.00	3.44	ppb
Molybdenum	97-1	2.45	2.50	2.60	2.51	2.95	ppb
Molybdenum	98-1	2.50	2.54	2.48	2.51	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.09	43.90	44.64	44.21	0.87	ppb
Phosphorus	31-2	807.89	781.59	827.86	805.78	2.88	ppb
Potassium	39-2	1781.93	1792.40	1800.83	1791.72	0.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.71	0.90	0.46	0.69	32.00	ppb
Selenium	77-2	6.17	5.10	6.52	5.93	12.50	ppb
Selenium	78-2	1.18	0.32	0.99	0.83	54.39	ppb
Silicon	28-1	586.71	588.09	580.85	585.22	0.66	ppb
Silver	107-1	0.26	0.25	0.26	0.26	1.43	ppb
Silver	109-1	0.25	0.24	0.25	0.25	2.21	ppb
Sodium	23-2	151.05	154.92	151.48	152.48	1.39	ppb
Strontium	86-1	1702.23	1713.17	1704.93	1706.78	0.33	ppb
Strontium	88-1	1700.14	1725.72	1731.75	1719.20	0.98	ppb
Sulfur	34-1	1018.13	1067.97	1051.56	1045.89	2.43	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.33	0.34	0.32	0.33	4.20	ppb
Thallium	205-1	0.34	0.35	0.34	0.34	2.09	ppb
Tin	118-1	1.44	1.44	1.47	1.45	1.21	ppb
Titanium	47-1	163.33	164.64	165.11	164.36	0.56	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:58:32	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.09	1.06	1.07	1.90	ppb
Vanadium	51-2	34.85	34.95	35.10	34.97	0.37	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	196.97	196.17	198.69	197.27	0.65	ppb
Zirconium	90-1	1.63	1.63	1.62	1.62	0.34	ppb
Zirconium	91-1	1.69	1.63	1.62	1.65	2.25	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:01:42	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13830.18	14052.56	13897.21	13926.65	0.82	ppb
Antimony	121-1	0.53	0.54	0.54	0.54	1.15	ppb
Arsenic	75-2	18.16	18.52	17.82	18.17	1.91	ppb
Barium	135-1	102.27	107.41	105.33	105.00	2.46	ppb
Barium	137-1	103.90	107.72	107.07	106.23	1.92	ppb
Beryllium	9-1	0.94	0.96	0.95	0.95	1.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.11	0.85	0.98	12.87	ppb
Cadmium	106-1	0.17	-0.79	-0.19	-0.27		ppb
Cadmium	111-1	0.69	0.64	0.68	0.67	3.69	ppb
Calcium	43-1	162150.76	168101.07	166698.31	165650.05	1.88	ppb
Calcium	44-1	160803.17	166207.24	166287.12	164432.51	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.59	36.84	36.82	37.08	1.17	ppb
Cobalt	59-2	21.86	21.71	21.91	21.83	0.49	ppb
Copper	63-2	44.57	44.34	43.99	44.30	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				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	47739.08	47727.96	47329.73	47598.92	0.49	ppb
Iron	57-2	47605.27	47211.35	47575.18	47463.93	0.46	ppb
Iron	54-2	48206.93	47707.31	47570.97	47828.40	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:01:42	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.78	38.13	38.14	37.68	2.09	ppb
Lead	207-1	32.90	34.49	34.77	34.05	2.96	ppb
Lead	208-1	34.21	35.77	35.68	35.22	2.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	39117.67	39035.02	38634.74	38929.14	0.66	ppb
Manganese	55-2	1091.55	1079.95	1069.81	1080.43	1.01	ppb
Molybdenum	94-1	9.95	10.30	10.57	10.27	3.04	ppb
Molybdenum	95-1	6.93	7.29	7.46	7.23	3.75	ppb
Molybdenum	96-1	7.54	7.89	8.16	7.86	3.94	ppb
Molybdenum	97-1	7.01	7.46	7.56	7.34	3.98	ppb
Molybdenum	98-1	7.03	7.34	7.51	7.29	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.26	55.39	55.75	56.13	1.76	ppb
Phosphorus	31-2	956.56	939.70	952.52	949.60	0.93	ppb
Potassium	39-2	2202.79	2160.53	2189.86	2184.40	0.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	0.64	1.05	0.78	0.82	25.82	ppb
Selenium	77-2	8.09	9.03	7.81	8.31	7.67	ppb
Selenium	78-2	0.08	0.93	0.82	0.61	75.88	ppb
Silicon	28-1	711.20	731.35	743.35	728.63	2.23	ppb
Silver	107-1	0.18	0.19	0.17	0.18	4.34	ppb
Silver	109-1	0.18	0.19	0.17	0.18	4.23	ppb
Sodium	23-2	276.13	273.58	272.80	274.17	0.64	ppb
Strontium	86-1	4590.73	4781.46	4883.80	4752.00	3.13	ppb
Strontium	88-1	4614.09	4811.98	4879.97	4768.68	2.90	ppb
Sulfur	34-1	5162.57	5572.81	5528.56	5421.31	4.15	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.37	0.37	0.37	0.37	0.86	ppb
Thallium	205-1	0.35	0.38	0.37	0.37	3.81	ppb
Tin	118-1	1.11	1.23	1.19	1.18	5.03	ppb
Titanium	47-1	167.68	173.23	175.53	172.14	2.34	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:01:42	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.80	2.98	2.94	2.91	3.25	ppb
Vanadium	51-2	43.23	42.77	42.70	42.90	0.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	173.82	171.95	171.21	172.33	0.78	ppb
Zirconium	90-1	2.40	2.43	2.60	2.48	4.37	ppb
Zirconium	91-1	2.27	2.53	2.51	2.44	5.85	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-21	Instrumnet Name :	P7
Client Sample ID :	ME28Y5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:04:49	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10842.90	10977.09	10915.56	10911.85	0.62	ppb
Antimony	121-1	0.41	0.46	0.45	0.44	5.49	ppb
Arsenic	75-2	14.27	14.50	15.01	14.59	2.58	ppb
Barium	135-1	158.68	160.93	163.07	160.89	1.36	ppb
Barium	137-1	160.01	164.80	164.98	163.27	1.73	ppb
Beryllium	9-1	0.72	0.73	0.73	0.72	0.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	0.68	0.88	0.82	14.64	ppb
Cadmium	106-1	1.32	-0.49	0.20	0.34	265.74	ppb
Cadmium	111-1	0.50	0.34	0.36	0.40	21.66	ppb
Calcium	43-1	181638.85	192215.35	192961.13	188938.44	3.35	ppb
Calcium	44-1	181041.46	190448.12	190627.83	187372.47	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.41	25.08	25.05	24.84	1.52	ppb
Cobalt	59-2	16.96	17.08	16.98	17.01	0.39	ppb
Copper	63-2	36.24	36.70	36.59	36.51	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				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	36707.50	36813.39	36566.58	36695.82	0.34	ppb
Iron	57-2	37220.42	37067.00	36572.29	36953.24	0.92	ppb
Iron	54-2	36069.65	36948.87	36837.15	36618.56	1.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-21	Instrumnet Name :	P7
Client Sample ID :	ME28Y5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:04:49	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.55	18.26	18.27	18.03	2.30	ppb
Lead	207-1	15.62	16.36	16.19	16.06	2.41	ppb
Lead	208-1	16.30	17.09	17.03	16.81	2.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	29524.37	29851.90	29823.49	29733.25	0.61	ppb
Manganese	55-2	821.18	835.75	836.13	831.02	1.03	ppb
Molybdenum	94-1	19.74	20.41	20.22	20.12	1.72	ppb
Molybdenum	95-1	9.95	10.08	10.20	10.08	1.24	ppb
Molybdenum	96-1	11.06	11.53	11.53	11.37	2.35	ppb
Molybdenum	97-1	9.86	10.23	10.18	10.09	2.00	ppb
Molybdenum	98-1	9.84	10.04	10.09	9.99	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.68	43.50	42.65	42.94	1.12	ppb
Phosphorus	31-2	879.12	847.47	858.88	861.82	1.86	ppb
Potassium	39-2	1826.31	1842.40	1844.62	1837.77	0.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	1.25	0.44	0.64	0.78	54.41	ppb
Selenium	77-2	6.89	8.88	8.74	8.17	13.59	ppb
Selenium	78-2	0.08	1.42	0.43	0.64	108.47	ppb
Silicon	28-1	620.96	656.43	648.49	641.96	2.90	ppb
Silver	107-1	0.07	0.08	0.08	0.08	5.02	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.77	ppb
Sodium	23-2	268.70	271.49	267.32	269.17	0.79	ppb
Strontium	86-1	6082.74	6282.89	6262.03	6209.22	1.77	ppb
Strontium	88-1	6128.59	6269.70	6415.32	6271.20	2.29	ppb
Sulfur	34-1	8438.09	9037.28	9232.05	8902.48	4.65	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.19	0.20	0.19	3.36	ppb
Thallium	205-1	0.19	0.19	0.20	0.19	3.79	ppb
Tin	118-1	1.06	1.10	1.11	1.09	2.53	ppb
Titanium	47-1	171.70	182.54	186.77	180.33	4.31	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-21	Instrumnet Name :	P7
Client Sample ID :	ME28Y5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:04:49	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.38	2.53	2.48	2.47	3.05	ppb
Vanadium	51-2	30.50	31.12	30.59	30.74	1.10	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	105.13	106.86	106.06	106.02	0.82	ppb
Zirconium	90-1	6.46	6.73	6.74	6.64	2.42	ppb
Zirconium	91-1	6.43	6.87	6.82	6.71	3.56	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-01	Instrumnet Name :	P7
Client Sample ID :	MJNKB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:07:59	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7627.43	7633.26	7531.43	7597.37	0.75	ppb
Antimony	121-1	15.74	15.60	15.53	15.62	0.70	ppb
Arsenic	75-2	67.29	66.12	67.89	67.10	1.34	ppb
Barium	135-1	27.49	27.76	27.49	27.58	0.56	ppb
Barium	137-1	28.25	27.87	27.87	28.00	0.78	ppb
Beryllium	9-1	0.23	0.25	0.24	0.24	4.54	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.50	0.38	0.41	19.14	ppb
Cadmium	106-1	-0.09	-1.73	-0.91	-0.91		ppb
Cadmium	111-1	0.21	0.13	0.17	0.17	22.50	ppb
Calcium	43-1	9377.82	9352.62	9277.90	9336.11	0.56	ppb
Calcium	44-1	9060.73	9049.08	8936.09	9015.30	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.05	20.74	20.91	20.90	0.74	ppb
Cobalt	59-2	12.01	11.82	11.87	11.90	0.80	ppb
Copper	63-2	90.98	90.57	90.92	90.82	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				106		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	19977.61	19977.90	20112.68	20022.73	0.39	ppb
Iron	57-2	19558.08	19705.81	19937.26	19733.72	0.97	ppb
Iron	54-2	20185.62	19884.55	20004.80	20024.99	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-01	Instrumnet Name :	P7
Client Sample ID :	MJNKB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:07:59	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	89.75	89.16	91.33	90.08	1.25	ppb
Lead	207-1	87.13	87.72	88.32	87.72	0.67	ppb
Lead	208-1	89.54	89.25	90.81	89.87	0.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	5413.51	5372.44	5438.86	5408.27	0.62	ppb
Manganese	55-2	265.81	262.86	262.73	263.80	0.66	ppb
Molybdenum	94-1	4.07	4.27	4.18	4.17	2.37	ppb
Molybdenum	95-1	1.36	1.37	1.34	1.36	1.15	ppb
Molybdenum	96-1	1.78	1.78	1.76	1.77	0.76	ppb
Molybdenum	97-1	1.42	1.37	1.40	1.40	1.56	ppb
Molybdenum	98-1	1.35	1.37	1.37	1.36	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.60	22.29	22.52	22.47	0.72	ppb
Phosphorus	31-2	1007.98	1030.23	1045.16	1027.79	1.82	ppb
Potassium	39-2	1874.80	1860.80	1868.25	1867.95	0.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.47	0.21	0.21	-0.02		ppb
Selenium	77-2	4.47	3.78	4.17	4.14	8.35	ppb
Selenium	78-2	0.42	-0.30	0.07	0.06	571.84	ppb
Silicon	28-1	789.23	802.57	784.91	792.24	1.16	ppb
Silver	107-1	0.23	0.21	0.23	0.22	4.97	ppb
Silver	109-1	0.22	0.22	0.23	0.23	2.43	ppb
Sodium	23-2	9432.14	9276.21	9333.41	9347.25	0.84	ppb
Strontium	86-1	1769.79	1807.60	1789.89	1789.09	1.06	ppb
Strontium	88-1	1774.83	1805.31	1814.50	1798.21	1.16	ppb
Sulfur	34-1	1422.09	1441.49	1296.41	1386.66	5.68	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.10	0.11	0.10	2.65	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	6.05	ppb
Tin	118-1	6.71	6.68	6.66	6.69	0.43	ppb
Titanium	47-1	368.86	369.36	366.47	368.23	0.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-01	Instrumnet Name :	P7
Client Sample ID :	MJNKB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:07:59	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.44	0.45	0.44	1.43	ppb
Vanadium	51-2	35.88	36.04	36.24	36.05	0.50	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	394.38	392.42	394.23	393.68	0.28	ppb
Zirconium	90-1	1.69	1.70	1.73	1.71	1.45	ppb
Zirconium	91-1	1.69	1.77	1.75	1.74	2.25	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-02	Instrumnet Name :	P7
Client Sample ID :	MJNKB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:11:05	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8094.73	8077.13	8116.32	8096.06	0.24	ppb
Antimony	121-1	3.67	3.66	3.56	3.63	1.60	ppb
Arsenic	75-2	11.39	11.98	11.43	11.60	2.84	ppb
Barium	135-1	17.86	17.74	17.47	17.69	1.13	ppb
Barium	137-1	17.84	18.03	17.56	17.81	1.34	ppb
Beryllium	9-1	0.28	0.21	0.19	0.23	19.32	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.28	0.27	0.24	0.27	8.26	ppb
Cadmium	106-1	-0.62	-1.09	-0.88	-0.87		ppb
Cadmium	111-1	0.15	0.12	0.13	0.13	11.94	ppb
Calcium	43-1	37484.22	37474.21	37123.17	37360.54	0.55	ppb
Calcium	44-1	35794.26	35591.03	35877.74	35754.35	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.44	14.41	14.63	14.49	0.82	ppb
Cobalt	59-2	7.35	7.27	7.38	7.33	0.77	ppb
Copper	63-2	57.22	57.61	57.43	57.42	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	13808.48	13970.70	13958.92	13912.70	0.65	ppb
Iron	57-2	13926.17	13822.87	13919.96	13889.67	0.42	ppb
Iron	54-2	14041.33	13929.91	13880.59	13950.61	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-02	Instrumnet Name :	P7
Client Sample ID :	MJNKB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:11:05	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.22	20.51	20.20	20.31	0.85	ppb
Lead	207-1	19.53	19.45	19.42	19.46	0.29	ppb
Lead	208-1	19.74	19.89	19.73	19.79	0.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	5032.06	4980.32	4942.33	4984.91	0.90	ppb
Manganese	55-2	187.67	187.78	188.55	188.00	0.25	ppb
Molybdenum	94-1	3.59	3.58	3.46	3.54	1.99	ppb
Molybdenum	95-1	1.10	1.10	1.13	1.11	1.36	ppb
Molybdenum	96-1	1.43	1.45	1.48	1.45	1.80	ppb
Molybdenum	97-1	1.09	1.11	1.17	1.12	3.45	ppb
Molybdenum	98-1	1.08	1.08	1.09	1.09	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.90	18.04	17.65	17.86	1.12	ppb
Phosphorus	31-2	714.43	714.26	735.87	721.52	1.72	ppb
Potassium	39-2	1520.62	1524.44	1525.13	1523.40	0.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	-0.20	0.29	0.35	0.15	207.32	ppb
Selenium	77-2	2.94	2.81	2.63	2.79	5.63	ppb
Selenium	78-2	-0.10	-0.16	-0.85	-0.37		ppb
Silicon	28-1	638.71	632.49	629.56	633.59	0.74	ppb
Silver	107-1	0.13	0.13	0.14	0.13	3.95	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.34	ppb
Sodium	23-2	9443.80	9347.79	9468.88	9420.15	0.68	ppb
Strontium	86-1	8947.29	8953.94	8959.32	8953.52	0.07	ppb
Strontium	88-1	8981.92	9024.91	8922.24	8976.36	0.57	ppb
Sulfur	34-1	2183.12	2154.78	2145.00	2160.97	0.92	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.69	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	8.15	ppb
Tin	118-1	1.53	1.52	1.49	1.51	1.46	ppb
Titanium	47-1	264.31	265.09	262.52	263.97	0.50	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-02	Instrumnet Name :	P7
Client Sample ID :	MJNKB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:11:05	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.75	0.75	0.75	ppb
Vanadium	51-2	30.59	30.73	30.96	30.76	0.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	70.11	69.97	70.60	70.23	0.47	ppb
Zirconium	90-1	1.42	1.46	1.48	1.46	2.01	ppb
Zirconium	91-1	1.49	1.47	1.46	1.48	1.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-03	Instrumnet Name :	P7
Client Sample ID :	MJNKC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:14:15	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7301.19	7445.57	7433.11	7393.29	1.08	ppb
Antimony	121-1	1.02	1.08	1.07	1.06	2.98	ppb
Arsenic	75-2	9.81	9.90	10.04	9.92	1.15	ppb
Barium	135-1	13.25	13.96	13.94	13.72	2.96	ppb
Barium	137-1	13.73	14.18	14.09	14.00	1.70	ppb
Beryllium	9-1	0.16	0.15	0.15	0.15	2.48	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.33	0.31	0.30	11.14	ppb
Cadmium	106-1	-0.43	-1.05	-1.53	-1.00		ppb
Cadmium	111-1	0.06	0.05	-0.03	0.03	178.22	ppb
Calcium	43-1	5901.35	6042.94	6096.78	6013.69	1.68	ppb
Calcium	44-1	5739.58	5879.95	5892.34	5837.29	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.11	14.55	14.48	14.38	1.65	ppb
Cobalt	59-2	6.40	6.52	6.55	6.49	1.20	ppb
Copper	63-2	34.06	34.48	34.34	34.29	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				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	14650.53	14654.99	14787.01	14697.51	0.53	ppb
Iron	57-2	14214.22	14697.49	14462.65	14458.12	1.67	ppb
Iron	54-2	14528.95	14864.30	14896.27	14763.17	1.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-03	Instrumnet Name :	P7
Client Sample ID :	MJNKC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:14:15	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.68	12.82	13.21	12.90	2.14	ppb
Lead	207-1	12.24	12.50	12.81	12.52	2.30	ppb
Lead	208-1	12.39	12.67	12.94	12.67	2.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	4005.30	4123.47	4047.21	4058.66	1.48	ppb
Manganese	55-2	134.77	137.63	138.24	136.88	1.35	ppb
Molybdenum	94-1	3.83	4.06	3.93	3.94	2.95	ppb
Molybdenum	95-1	0.40	0.41	0.44	0.42	4.14	ppb
Molybdenum	96-1	0.90	0.90	0.89	0.90	0.55	ppb
Molybdenum	97-1	0.42	0.44	0.44	0.43	3.19	ppb
Molybdenum	98-1	0.41	0.42	0.42	0.42	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.42	14.41	14.81	14.55	1.54	ppb
Phosphorus	31-2	1055.57	1070.57	1088.35	1071.50	1.53	ppb
Potassium	39-2	1102.08	1109.24	1109.02	1106.78	0.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.02	0.20	0.22	0.13	97.62	ppb
Selenium	77-2	4.18	3.61	5.07	4.29	17.17	ppb
Selenium	78-2	-0.07	-0.33	0.00	-0.13		ppb
Silicon	28-1	690.87	699.01	709.76	699.88	1.35	ppb
Silver	107-1	0.06	0.08	0.06	0.07	11.87	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.88	ppb
Sodium	23-2	5857.27	5982.71	5983.51	5941.16	1.22	ppb
Strontium	86-1	1093.20	1142.74	1131.36	1122.44	2.31	ppb
Strontium	88-1	1120.08	1150.71	1152.04	1140.94	1.58	ppb
Sulfur	34-1	777.37	817.79	798.62	797.93	2.53	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	3.41	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	10.02	ppb
Tin	118-1	0.79	0.84	0.81	0.81	3.06	ppb
Titanium	47-1	419.13	436.14	433.82	429.70	2.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-03	Instrumnet Name :	P7
Client Sample ID :	MJNKC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:14:15	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.36	0.37	0.36	3.45	ppb
Vanadium	51-2	39.64	40.41	40.22	40.09	1.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	42.35	43.45	43.35	43.05	1.41	ppb
Zirconium	90-1	1.99	2.06	2.02	2.02	1.64	ppb
Zirconium	91-1	1.96	2.04	2.06	2.02	2.71	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:17:24	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16451.43	16333.60	16086.67	16290.57	1.14	ppb
Antimony	121-1	577.99	574.82	567.61	573.47	0.93	ppb
Arsenic	75-2	2519.21	2515.24	2472.93	2502.46	1.02	ppb
Barium	135-1	317.98	314.72	315.00	315.90	0.57	ppb
Barium	137-1	331.23	322.34	325.79	326.45	1.37	ppb
Beryllium	9-1	0.67	0.82	0.81	0.77	11.03	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.89	6.77	6.39	6.35	6.95	ppb
Cadmium	106-1	6.47	5.44	4.22	5.37	21.00	ppb
Cadmium	111-1	3.21	3.14	2.84	3.07	6.43	ppb
Calcium	43-1	18383.18	18927.65	18785.99	18698.94	1.51	ppb
Calcium	44-1	17557.23	17871.85	18306.53	17911.87	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.66	45.54	45.62	45.61	0.12	ppb
Cobalt	59-2	221.18	212.30	220.27	217.92	2.24	ppb
Copper	63-2	1187.62	1165.82	1181.04	1178.16	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				106		%
Holmium	165-2				103		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	123597.00	122377.88	122797.20	122924.02	0.50	ppb
Iron	57-2	122290.02	119738.96	121602.14	121210.37	1.09	ppb
Iron	54-2	123348.72	122255.85	123417.89	123007.49	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:17:24	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1927.95	1959.43	1954.01	1947.13	0.86	ppb
Lead	207-1	1892.43	1919.82	1930.75	1914.33	1.03	ppb
Lead	208-1	1896.93	1927.16	1926.85	1916.98	0.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	9486.65	9514.25	9508.04	9502.98	0.15	ppb
Manganese	55-2	932.97	923.57	928.79	928.44	0.51	ppb
Molybdenum	94-1	39.83	40.38	41.08	40.43	1.56	ppb
Molybdenum	95-1	32.59	33.24	33.62	33.15	1.57	ppb
Molybdenum	96-1	34.36	35.08	35.13	34.86	1.23	ppb
Molybdenum	97-1	32.91	33.06	33.76	33.24	1.37	ppb
Molybdenum	98-1	32.45	32.97	33.26	32.89	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.69	53.88	54.78	54.45	0.91	ppb
Phosphorus	31-2	1616.31	1622.34	1590.16	1609.60	1.06	ppb
Potassium	39-2	4957.57	4822.73	4737.35	4839.22	2.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	1.71	1.67	2.01	1.80	10.43	ppb
Selenium	77-2	4.86	5.42	7.64	5.97	24.68	ppb
Selenium	78-2	2.50	2.03	1.48	2.00	25.39	ppb
Silicon	28-1	1344.78	1372.32	1371.42	1362.84	1.15	ppb
Silver	107-1	3.28	3.29	3.24	3.27	0.79	ppb
Silver	109-1	3.22	3.25	3.27	3.25	0.70	ppb
Sodium	23-2	11535.29	11481.04	11434.56	11483.63	0.44	ppb
Strontium	86-1	3831.85	3889.11	3909.58	3876.85	1.04	ppb
Strontium	88-1	3812.76	3906.17	3908.50	3875.81	1.41	ppb
Sulfur	34-1	1422.07	1456.73	1409.10	1429.30	1.72	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.64	0.69	0.68	0.67	4.15	ppb
Thallium	205-1	0.66	0.68	0.66	0.67	2.01	ppb
Tin	118-1	263.25	259.82	263.08	262.05	0.74	ppb
Titanium	47-1	728.20	745.80	742.92	738.97	1.28	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:17:24	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.20	2.27	2.30	2.26	2.14	ppb
Vanadium	51-2	59.08	58.69	58.67	58.81	0.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	8833.55	8744.54	8818.49	8798.86	0.54	ppb
Zirconium	90-1	7.17	7.40	7.49	7.36	2.24	ppb
Zirconium	91-1	7.63	7.79	7.91	7.77	1.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-05	Instrumnet Name :	P7
Client Sample ID :	MJNKC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:20:22	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12143.02	12563.12	12386.37	12364.17	1.71	ppb
Antimony	121-1	270.98	273.08	271.00	271.69	0.45	ppb
Arsenic	75-2	951.87	958.23	959.93	956.68	0.44	ppb
Barium	135-1	118.89	119.97	120.11	119.66	0.56	ppb
Barium	137-1	120.18	121.41	121.80	121.13	0.70	ppb
Beryllium	9-1	0.46	0.48	0.46	0.47	2.91	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.47	2.31	2.79	2.52	9.76	ppb
Cadmium	106-1	0.87	-0.11	-0.13	0.21	271.91	ppb
Cadmium	111-1	1.26	1.18	1.15	1.19	4.69	ppb
Calcium	43-1	11440.44	11715.37	11733.39	11629.73	1.41	ppb
Calcium	44-1	11087.66	11218.14	11190.06	11165.29	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.32	34.01	33.96	34.10	0.56	ppb
Cobalt	59-2	79.63	80.17	80.03	79.94	0.36	ppb
Copper	63-2	436.65	438.28	436.63	437.19	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				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	59132.00	59911.63	59759.69	59601.11	0.69	ppb
Iron	57-2	58014.57	58765.79	58377.00	58385.79	0.64	ppb
Iron	54-2	59245.86	59710.29	59621.51	59525.89	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-05	Instrumnet Name :	P7
Client Sample ID :	MJNKC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:20:22	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	764.25	787.04	789.96	780.42	1.80	ppb
Lead	207-1	759.36	766.94	777.73	768.01	1.20	ppb
Lead	208-1	761.55	774.58	778.22	771.45	1.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	7776.36	7851.09	7935.25	7854.23	1.01	ppb
Manganese	55-2	541.21	560.74	548.32	550.09	1.80	ppb
Molybdenum	94-1	18.29	18.86	18.94	18.70	1.89	ppb
Molybdenum	95-1	13.59	13.77	14.17	13.84	2.16	ppb
Molybdenum	96-1	14.38	14.50	14.75	14.54	1.30	ppb
Molybdenum	97-1	13.52	13.76	14.08	13.79	2.04	ppb
Molybdenum	98-1	13.31	13.65	13.86	13.61	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.94	42.94	43.87	43.25	1.24	ppb
Phosphorus	31-2	1219.29	1231.92	1266.21	1239.14	1.96	ppb
Potassium	39-2	3043.48	3107.46	2978.20	3043.05	2.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.90	1.08	1.06	1.01	9.95	ppb
Selenium	77-2	3.32	4.28	3.35	3.65	14.97	ppb
Selenium	78-2	1.31	1.18	-0.22	0.75	112.77	ppb
Silicon	28-1	1003.31	1030.93	1025.74	1019.99	1.44	ppb
Silver	107-1	1.06	1.06	1.05	1.05	0.59	ppb
Silver	109-1	1.06	1.07	1.05	1.06	1.00	ppb
Sodium	23-2	10705.12	10861.21	10890.97	10819.10	0.92	ppb
Strontium	86-1	2236.81	2280.15	2292.03	2269.67	1.28	ppb
Strontium	88-1	2280.05	2298.76	2338.77	2305.86	1.30	ppb
Sulfur	34-1	824.39	909.82	851.34	861.85	5.07	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.34	0.34	0.34	0.34	1.15	ppb
Thallium	205-1	0.34	0.35	0.34	0.34	1.73	ppb
Tin	118-1	96.55	97.12	97.32	97.00	0.41	ppb
Titanium	47-1	478.37	489.30	490.88	486.18	1.40	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-05	Instrumnet Name :	P7
Client Sample ID :	MJNKC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:20:22	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.21	1.23	1.21	1.04	ppb
Vanadium	51-2	49.81	50.36	49.84	50.00	0.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	3321.31	3299.18	3307.97	3309.49	0.34	ppb
Zirconium	90-1	3.99	4.09	4.15	4.08	1.98	ppb
Zirconium	91-1	4.20	4.32	4.30	4.27	1.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:26:12	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48285.11	47876.90	48561.33	48241.11	0.71	ppb
Antimony	121-1	472.80	504.15	496.44	491.13	3.33	ppb
Arsenic	75-2	508.72	494.02	495.59	499.44	1.62	ppb
Barium	135-1	2342.01	2491.96	2454.57	2429.51	3.21	ppb
Barium	137-1	2351.04	2487.76	2461.93	2433.58	2.98	ppb
Beryllium	9-1	475.41	506.45	493.15	491.67	3.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	464.45	500.74	482.58	482.59	3.76	ppb
Cadmium	106-1	467.16	496.45	493.99	485.86	3.34	ppb
Cadmium	111-1	452.13	486.47	481.06	473.22	3.90	ppb
Calcium	43-1	243566.56	255373.89	258620.77	252520.41	3.14	ppb
Calcium	44-1	242195.63	253005.47	256532.75	250577.95	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.84	495.06	493.70	493.87	0.23	ppb
Cobalt	59-2	491.49	493.20	491.54	492.08	0.20	ppb
Copper	63-2	4808.41	4764.52	4817.01	4796.65	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				102		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	126657.27	125587.02	127412.48	126552.26	0.72	ppb
Iron	57-2	126533.98	124765.20	125770.81	125689.99	0.71	ppb
Iron	54-2	127301.77	124923.84	127103.00	126442.87	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:26:12	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2377.62	2563.36	2518.11	2486.36	3.90	ppb
Lead	207-1	2361.46	2522.88	2474.65	2453.00	3.38	ppb
Lead	208-1	2353.22	2524.64	2480.47	2452.78	3.63	ppb
Lithium	6-1				94		%
Magnesium	24-2	239039.58	235453.29	237399.72	237297.53	0.76	ppb
Manganese	55-2	4849.90	4836.40	4905.81	4864.04	0.76	ppb
Molybdenum	94-1	4771.53	5042.55	5018.79	4944.29	3.04	ppb
Molybdenum	95-1	4753.58	5038.76	5051.11	4947.82	3.40	ppb
Molybdenum	96-1	4731.43	5116.86	5061.39	4969.90	4.19	ppb
Molybdenum	97-1	4754.56	5050.73	5040.90	4948.73	3.40	ppb
Molybdenum	98-1	4756.25	5022.09	5018.01	4932.12	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.84	468.95	476.83	474.21	0.96	ppb
Phosphorus	31-2	9947.69	9886.75	10132.76	9989.07	1.28	ppb
Potassium	39-2	122368.88	121173.76	122155.16	121899.27	0.52	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	444.03	472.29	469.29	461.87	3.36	ppb
Selenium	77-2	459.20	452.96	450.22	454.13	1.01	ppb
Selenium	78-2	474.99	467.76	473.89	472.21	0.82	ppb
Silicon	28-1	235.00	246.58	247.45	243.01	2.86	ppb
Silver	107-1	460.99	485.99	487.61	478.19	3.12	ppb
Silver	109-1	460.86	491.74	483.90	478.83	3.35	ppb
Sodium	23-2	244902.73	242406.10	242869.99	243392.94	0.55	ppb
Strontium	86-1	11926.16	12618.39	12527.98	12357.51	3.04	ppb
Strontium	88-1	11647.81	12386.90	12431.74	12155.48	3.62	ppb
Sulfur	34-1	9167.07	9749.12	9762.75	9559.65	3.56	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	482.48	512.28	504.74	499.83	3.10	ppb
Thallium	205-1	480.40	514.25	505.99	500.21	3.53	ppb
Tin	118-1	470.10	506.31	488.66	488.36	3.71	ppb
Titanium	47-1	4711.48	5034.28	4975.09	4906.95	3.50	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:26:12	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	476.27	503.22	497.11	492.20	2.87	ppb
Vanadium	51-2	502.22	502.01	507.71	503.98	0.64	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	4838.13	4786.07	4814.24	4812.81	0.54	ppb
Zirconium	90-1	468.90	499.86	499.33	489.36	3.62	ppb
Zirconium	91-1	471.38	500.66	495.11	489.05	3.18	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:28:58	DataFile Name :	108CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.21	4.58	4.52	4.43	4.37	ppb
Antimony	121-1	0.29	0.27	0.25	0.27	8.32	ppb
Arsenic	75-2	0.04	0.08	0.06	0.06	36.66	ppb
Barium	135-1	0.30	0.28	0.28	0.28	4.55	ppb
Barium	137-1	0.31	0.29	0.29	0.30	3.96	ppb
Beryllium	9-1	0.16	0.11	0.12	0.13	17.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.10	0.09	0.08	26.81	ppb
Cadmium	106-1	-1.33	-2.38	-1.98	-1.90		ppb
Cadmium	111-1	-0.03	-0.10	-0.08	-0.07		ppb
Calcium	43-1	32.63	29.26	24.85	28.91	13.50	ppb
Calcium	44-1	33.70	28.67	28.22	30.20	10.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.04	0.04	0.05	22.86	ppb
Cobalt	59-2	0.04	0.05	0.05	0.05	11.47	ppb
Copper	63-2	0.54	0.55	0.53	0.54	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	14.48	14.52	13.99	14.33	2.08	ppb
Iron	57-2	13.61	13.30	12.11	13.01	6.11	ppb
Iron	54-2	13.92	15.02	13.57	14.17	5.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:28:58	DataFile Name :	108CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.37	0.34	0.33	0.35	5.64	ppb
Lead	207-1	0.33	0.32	0.31	0.32	3.44	ppb
Lead	208-1	0.35	0.33	0.32	0.33	4.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	26.22	24.80	24.14	25.05	4.25	ppb
Manganese	55-2	0.60	0.58	0.53	0.57	5.68	ppb
Molybdenum	94-1	0.82	0.69	0.69	0.73	10.09	ppb
Molybdenum	95-1	0.71	0.66	0.66	0.67	4.02	ppb
Molybdenum	96-1	0.73	0.66	0.61	0.67	8.67	ppb
Molybdenum	97-1	0.77	0.68	0.61	0.68	11.36	ppb
Molybdenum	98-1	0.76	0.63	0.62	0.67	11.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.07	0.02	0.04	54.20	ppb
Phosphorus	31-2	-19.08	-20.05	-16.72	-18.62		ppb
Potassium	39-2	22.91	20.85	19.10	20.95	9.10	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	0.22	-0.04	-0.24	-0.02		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.67	-1.01	-0.28	-0.65		ppb
Silicon	28-1	-2.36	-2.57	-2.44	-2.46		ppb
Silver	107-1	0.12	0.11	0.10	0.11	7.80	ppb
Silver	109-1	0.12	0.10	0.10	0.11	7.20	ppb
Sodium	23-2	63.97	60.02	55.95	59.98	6.69	ppb
Strontium	86-1	0.96	1.17	0.17	0.76	69.24	ppb
Strontium	88-1	1.32	1.25	1.30	1.29	2.83	ppb
Sulfur	34-1	-254.35	-278.78	-194.30	-242.48		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.14	0.12	0.13	6.85	ppb
Thallium	205-1	0.16	0.13	0.12	0.14	14.40	ppb
Tin	118-1	0.07	0.06	0.06	0.06	11.14	ppb
Titanium	47-1	0.71	0.56	0.56	0.61	14.00	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:28:58	DataFile Name :	108CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.05	0.05	11.90	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	3.77	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.79	0.64	0.70	0.71	10.86	ppb
Zirconium	90-1	0.11	0.12	0.11	0.12	6.80	ppb
Zirconium	91-1	0.12	0.14	0.12	0.13	6.62	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:32:17	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12984.17	13054.31	12972.59	13003.69	0.34	ppb
Antimony	121-1	542.10	542.28	543.11	542.49	0.10	ppb
Arsenic	75-2	1412.85	1417.26	1412.12	1414.07	0.20	ppb
Barium	135-1	180.54	184.12	181.91	182.19	0.99	ppb
Barium	137-1	183.25	185.86	184.92	184.68	0.72	ppb
Beryllium	9-1	0.56	0.59	0.54	0.56	4.53	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.22	3.55	3.25	3.34	5.46	ppb
Cadmium	106-1	1.58	1.31	1.83	1.58	16.49	ppb
Cadmium	111-1	1.63	1.61	1.79	1.68	5.77	ppb
Calcium	43-1	23729.71	24034.59	23710.01	23824.77	0.76	ppb
Calcium	44-1	22850.81	23208.17	22837.80	22965.59	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.00	36.85	37.04	36.96	0.26	ppb
Cobalt	59-2	111.81	111.41	111.94	111.72	0.25	ppb
Copper	63-2	587.15	587.46	587.90	587.50	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	75637.47	76016.65	75549.47	75734.53	0.33	ppb
Iron	57-2	73850.36	74479.22	73933.00	74087.53	0.46	ppb
Iron	54-2	75384.84	75597.04	75605.33	75529.07	0.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:32:17	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1110.25	1093.89	1075.79	1093.31	1.58	ppb
Lead	207-1	1082.78	1084.92	1075.73	1081.14	0.44	ppb
Lead	208-1	1085.66	1086.01	1079.18	1083.62	0.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	8322.18	8381.28	8248.02	8317.16	0.80	ppb
Manganese	55-2	645.48	651.74	642.74	646.65	0.71	ppb
Molybdenum	94-1	20.42	20.12	20.43	20.32	0.86	ppb
Molybdenum	95-1	17.60	17.56	17.65	17.61	0.26	ppb
Molybdenum	96-1	18.28	18.35	18.25	18.29	0.29	ppb
Molybdenum	97-1	17.58	17.63	17.59	17.60	0.17	ppb
Molybdenum	98-1	17.52	17.72	17.55	17.60	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.26	43.54	42.95	43.25	0.68	ppb
Phosphorus	31-2	1404.96	1422.43	1435.19	1420.86	1.07	ppb
Potassium	39-2	3679.91	3712.60	3688.63	3693.71	0.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	1.43	1.45	0.75	1.21	32.85	ppb
Selenium	77-2	3.91	5.25	6.26	5.14	22.89	ppb
Selenium	78-2	1.89	0.09	1.26	1.08	84.87	ppb
Silicon	28-1	937.68	953.80	935.73	942.40	1.05	ppb
Silver	107-1	1.56	1.54	1.57	1.56	0.89	ppb
Silver	109-1	1.63	1.56	1.55	1.58	2.72	ppb
Sodium	23-2	12520.15	12462.88	12392.02	12458.35	0.52	ppb
Strontium	86-1	4023.64	4051.86	4044.97	4040.15	0.36	ppb
Strontium	88-1	4031.81	4090.37	4066.56	4062.91	0.72	ppb
Sulfur	34-1	1431.36	1466.17	1379.57	1425.70	3.06	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.55	0.47	0.46	0.49	9.70	ppb
Thallium	205-1	0.54	0.48	0.45	0.49	9.41	ppb
Tin	118-1	137.93	139.53	139.18	138.88	0.61	ppb
Titanium	47-1	556.59	564.13	556.80	559.17	0.77	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:32:17	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.44	1.41	1.40	1.42	1.48	ppb
Vanadium	51-2	51.36	51.24	51.05	51.22	0.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	4840.62	4738.02	4704.25	4760.96	1.49	ppb
Zirconium	90-1	3.26	3.28	3.33	3.29	1.15	ppb
Zirconium	91-1	3.57	3.46	3.57	3.53	1.82	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:35:18	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10893.62	10952.58	10855.27	10900.49	0.45	ppb
Antimony	121-1	333.29	341.47	339.40	338.05	1.26	ppb
Arsenic	75-2	846.15	853.94	849.29	849.79	0.46	ppb
Barium	135-1	128.42	131.18	131.88	130.49	1.40	ppb
Barium	137-1	129.69	133.14	132.26	131.70	1.36	ppb
Beryllium	9-1	0.44	0.51	0.37	0.44	15.40	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.48	2.59	2.42	2.50	3.53	ppb
Cadmium	106-1	1.77	0.56	0.45	0.93	78.82	ppb
Cadmium	111-1	1.25	1.11	1.09	1.15	7.66	ppb
Calcium	43-1	10216.11	10343.66	10466.34	10342.04	1.21	ppb
Calcium	44-1	9825.61	9851.91	9926.60	9868.04	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.71	33.49	33.43	33.54	0.43	ppb
Cobalt	59-2	73.20	73.38	73.30	73.30	0.12	ppb
Copper	63-2	339.43	343.56	342.23	341.74	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				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	55148.58	55202.63	54973.11	55108.10	0.22	ppb
Iron	57-2	53864.69	54786.43	53174.47	53941.86	1.50	ppb
Iron	54-2	55073.10	54823.92	54703.60	54866.87	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:35:18	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	632.87	652.90	640.16	641.98	1.58	ppb
Lead	207-1	624.08	639.37	630.24	631.23	1.22	ppb
Lead	208-1	629.28	643.55	632.75	635.20	1.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	7355.04	7334.09	7331.18	7340.10	0.18	ppb
Manganese	55-2	564.51	567.23	552.75	561.50	1.37	ppb
Molybdenum	94-1	18.67	19.08	18.98	18.91	1.14	ppb
Molybdenum	95-1	11.62	11.63	11.91	11.72	1.42	ppb
Molybdenum	96-1	12.58	12.85	12.87	12.77	1.29	ppb
Molybdenum	97-1	11.71	11.87	11.80	11.79	0.64	ppb
Molybdenum	98-1	11.52	11.59	11.78	11.63	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.37	42.25	41.85	42.16	0.65	ppb
Phosphorus	31-2	1300.82	1310.07	1311.18	1307.36	0.44	ppb
Potassium	39-2	2970.16	2993.68	2940.49	2968.11	0.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1.18	1.08	0.40	0.89	47.78	ppb
Selenium	77-2	4.63	3.35	3.33	3.77	19.79	ppb
Selenium	78-2	0.69	0.39	0.98	0.69	42.45	ppb
Silicon	28-1	958.08	978.20	988.33	974.87	1.58	ppb
Silver	107-1	0.91	0.95	0.92	0.92	2.39	ppb
Silver	109-1	0.93	0.88	0.90	0.90	2.57	ppb
Sodium	23-2	9641.89	9635.38	9441.30	9572.85	1.19	ppb
Strontium	86-1	1839.17	1862.52	1878.86	1860.18	1.07	ppb
Strontium	88-1	1864.86	1869.76	1870.46	1868.36	0.16	ppb
Sulfur	34-1	755.82	666.54	683.18	701.84	6.76	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.38	0.39	0.38	0.38	1.58	ppb
Thallium	205-1	0.37	0.38	0.37	0.37	1.45	ppb
Tin	118-1	81.28	82.98	82.33	82.20	1.04	ppb
Titanium	47-1	478.11	482.84	490.64	483.86	1.31	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:35:18	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.14	1.11	1.11	2.37	ppb
Vanadium	51-2	46.66	46.97	46.43	46.69	0.58	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2992.75	2988.95	2999.52	2993.74	0.18	ppb
Zirconium	90-1	5.05	5.10	5.16	5.10	1.03	ppb
Zirconium	91-1	5.17	5.31	5.35	5.28	1.87	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-11	Instrumnet Name :	P7
Client Sample ID :	MJNKH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:38:23	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7831.55	7849.22	7955.68	7878.82	0.85	ppb
Antimony	121-1	27.82	27.68	27.79	27.77	0.27	ppb
Arsenic	75-2	103.35	103.73	104.45	103.84	0.54	ppb
Barium	135-1	65.00	64.92	63.84	64.59	1.01	ppb
Barium	137-1	65.67	65.54	66.19	65.80	0.52	ppb
Beryllium	9-1	0.18	0.24	0.24	0.22	14.76	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.48	1.50	1.47	2.76	ppb
Cadmium	106-1	-0.39	-1.58	-0.37	-0.78		ppb
Cadmium	111-1	0.97	0.88	0.94	0.93	5.06	ppb
Calcium	43-1	10678.80	10899.85	10869.11	10815.92	1.11	ppb
Calcium	44-1	10222.65	10548.30	10324.62	10365.19	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.19	25.52	25.75	25.49	1.11	ppb
Cobalt	59-2	15.03	14.97	15.02	15.01	0.21	ppb
Copper	63-2	896.81	901.31	900.73	899.62	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				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	21007.06	21013.21	21069.56	21029.94	0.16	ppb
Iron	57-2	20419.37	20834.81	20846.09	20700.09	1.17	ppb
Iron	54-2	20862.60	21068.68	21185.27	21038.85	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-11	Instrumnet Name :	P7
Client Sample ID :	MJNKH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:38:23	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	233.20	237.92	233.48	234.87	1.13	ppb
Lead	207-1	227.27	230.42	227.10	228.26	0.82	ppb
Lead	208-1	228.98	231.10	228.69	229.59	0.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	4587.65	4623.07	4621.69	4610.81	0.44	ppb
Manganese	55-2	139.10	139.09	139.81	139.33	0.29	ppb
Molybdenum	94-1	8.98	9.17	9.04	9.07	1.07	ppb
Molybdenum	95-1	5.59	5.72	5.59	5.63	1.29	ppb
Molybdenum	96-1	6.10	6.09	6.12	6.10	0.25	ppb
Molybdenum	97-1	5.62	5.63	5.73	5.66	1.05	ppb
Molybdenum	98-1	5.63	5.75	5.58	5.66	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.58	19.55	19.82	19.65	0.76	ppb
Phosphorus	31-2	893.24	941.64	904.54	913.14	2.77	ppb
Potassium	39-2	1660.09	1668.38	1677.09	1668.52	0.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	1.27	0.72	0.74	0.91	33.80	ppb
Selenium	77-2	3.40	4.15	3.72	3.76	10.02	ppb
Selenium	78-2	-0.28	-0.12	1.08	0.23	329.37	ppb
Silicon	28-1	721.72	739.09	732.71	731.17	1.20	ppb
Silver	107-1	2.66	2.62	2.63	2.64	0.79	ppb
Silver	109-1	2.60	2.56	2.60	2.59	0.80	ppb
Sodium	23-2	12585.93	12581.74	12440.68	12536.12	0.66	ppb
Strontium	86-1	2032.64	2064.99	2046.94	2048.19	0.79	ppb
Strontium	88-1	2096.96	2078.64	2040.41	2072.00	1.39	ppb
Sulfur	34-1	7382.20	7530.99	7532.11	7481.77	1.15	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.29	0.28	0.28	1.34	ppb
Thallium	205-1	0.27	0.27	0.29	0.28	3.14	ppb
Tin	118-1	21.82	22.19	21.85	21.95	0.95	ppb
Titanium	47-1	411.80	416.73	417.42	415.32	0.74	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-11	Instrumnet Name :	P7
Client Sample ID :	MJNKH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:38:23	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.02	2.10	2.10	2.08	2.18	ppb
Vanadium	51-2	32.80	32.73	33.58	33.04	1.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	853.67	862.14	868.19	861.33	0.85	ppb
Zirconium	90-1	2.42	2.46	2.39	2.42	1.52	ppb
Zirconium	91-1	2.47	2.50	2.43	2.47	1.32	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:41:29	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7797.10	7137.77	7195.29	7376.72	4.95	ppb
Antimony	121-1	4.21	4.37	4.23	4.27	2.06	ppb
Arsenic	75-2	15.49	14.77	14.63	14.96	3.07	ppb
Barium	135-1	18.49	18.31	18.49	18.43	0.59	ppb
Barium	137-1	18.82	19.07	18.63	18.84	1.17	ppb
Beryllium	9-1	0.22	0.17	0.18	0.19	13.20	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.66	0.49	0.54	18.67	ppb
Cadmium	106-1	-2.16	-1.61	-2.37	-2.05		ppb
Cadmium	111-1	0.16	0.25	0.16	0.19	27.62	ppb
Calcium	43-1	4881.58	4937.83	4901.83	4907.08	0.58	ppb
Calcium	44-1	4685.97	4767.64	4752.59	4735.40	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.15	20.31	20.08	20.85	5.45	ppb
Cobalt	59-2	5.11	4.85	4.76	4.91	3.72	ppb
Copper	63-2	149.48	137.30	137.05	141.28	5.03	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				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	11776.35	10803.48	10799.15	11126.32	5.06	ppb
Iron	57-2	11990.63	10953.80	10893.21	11279.21	5.47	ppb
Iron	54-2	11992.14	10883.24	10904.16	11259.84	5.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:41:29	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	79.36	81.13	81.48	80.66	1.41	ppb
Lead	207-1	78.32	78.52	79.84	78.90	1.04	ppb
Lead	208-1	79.90	80.90	81.19	80.66	0.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	3436.66	3180.07	3131.45	3249.39	5.05	ppb
Manganese	55-2	96.48	88.13	87.38	90.66	5.57	ppb
Molybdenum	94-1	5.63	5.74	5.73	5.70	1.08	ppb
Molybdenum	95-1	2.18	2.27	2.23	2.23	2.07	ppb
Molybdenum	96-1	2.72	2.72	2.65	2.69	1.38	ppb
Molybdenum	97-1	2.21	2.30	2.29	2.26	2.12	ppb
Molybdenum	98-1	2.25	2.20	2.23	2.23	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.35	14.41	14.50	15.08	7.25	ppb
Phosphorus	31-2	1177.95	1058.39	1043.63	1093.32	6.74	ppb
Potassium	39-2	1153.13	1059.17	1052.37	1088.22	5.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	-0.04	-0.10	0.20	0.02	734.17	ppb
Selenium	77-2	5.30	4.30	4.34	4.65	12.10	ppb
Selenium	78-2	0.59	-0.40	-0.38	-0.06		ppb
Silicon	28-1	637.99	636.98	638.78	637.92	0.14	ppb
Silver	107-1	0.38	0.40	0.34	0.38	8.05	ppb
Silver	109-1	0.37	0.43	0.37	0.39	8.18	ppb
Sodium	23-2	8537.37	7904.64	7797.55	8079.85	4.95	ppb
Strontium	86-1	967.64	983.98	982.38	978.00	0.92	ppb
Strontium	88-1	978.18	988.43	989.17	985.26	0.62	ppb
Sulfur	34-1	655.33	579.97	560.36	598.55	8.38	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.11	0.11	0.11	3.19	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	2.45	ppb
Tin	118-1	3.79	3.99	3.86	3.88	2.58	ppb
Titanium	47-1	655.43	656.71	656.09	656.08	0.10	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:41:29	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.91	0.91	0.90	1.22	ppb
Vanadium	51-2	38.93	36.16	35.72	36.94	4.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	157.49	145.31	143.09	148.63	5.22	ppb
Zirconium	90-1	2.14	2.19	2.16	2.16	1.30	ppb
Zirconium	91-1	2.16	2.18	2.20	2.18	0.97	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-13	Instrumnet Name :	P7
Client Sample ID :	MJNKH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:44:39	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8919.46	8953.40	8926.50	8933.12	0.20	ppb
Antimony	121-1	26.41	26.38	26.64	26.47	0.53	ppb
Arsenic	75-2	100.77	101.42	103.29	101.83	1.29	ppb
Barium	135-1	82.95	82.52	83.68	83.05	0.70	ppb
Barium	137-1	84.00	85.00	84.20	84.40	0.63	ppb
Beryllium	9-1	0.26	0.28	0.24	0.26	6.11	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	1.41	1.31	1.32	6.43	ppb
Cadmium	106-1	0.83	-0.54	-1.51	-0.41		ppb
Cadmium	111-1	0.98	0.81	0.76	0.85	12.92	ppb
Calcium	43-1	55159.23	54839.35	55670.68	55223.09	0.76	ppb
Calcium	44-1	53543.93	53882.27	53863.94	53763.38	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.02	27.29	27.36	27.23	0.66	ppb
Cobalt	59-2	20.67	20.96	20.62	20.75	0.89	ppb
Copper	63-2	809.08	813.24	820.37	814.23	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	24229.06	24128.56	24149.02	24168.88	0.22	ppb
Iron	57-2	23887.26	24203.09	23783.63	23957.99	0.91	ppb
Iron	54-2	23901.55	24061.82	24154.31	24039.23	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-13	Instrumnet Name :	P7
Client Sample ID :	MJNKH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:44:39	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	224.25	226.78	223.61	224.88	0.75	ppb
Lead	207-1	216.70	216.45	219.97	217.71	0.90	ppb
Lead	208-1	220.42	219.51	219.93	219.95	0.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	5797.67	5783.92	5903.30	5828.30	1.12	ppb
Manganese	55-2	210.43	211.43	211.75	211.20	0.32	ppb
Molybdenum	94-1	7.11	7.26	6.97	7.12	2.03	ppb
Molybdenum	95-1	4.23	4.30	4.21	4.25	1.03	ppb
Molybdenum	96-1	4.55	4.75	4.78	4.69	2.63	ppb
Molybdenum	97-1	4.33	4.36	4.24	4.31	1.46	ppb
Molybdenum	98-1	4.22	4.29	4.24	4.25	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.09	20.11	20.01	20.07	0.28	ppb
Phosphorus	31-2	741.02	771.95	756.54	756.50	2.04	ppb
Potassium	39-2	2029.55	2058.45	2022.58	2036.86	0.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.85	0.94	0.80	0.86	7.97	ppb
Selenium	77-2	4.31	3.70	3.43	3.82	11.81	ppb
Selenium	78-2	0.51	-0.50	1.38	0.47	201.98	ppb
Silicon	28-1	812.00	798.83	810.78	807.20	0.90	ppb
Silver	107-1	3.71	3.76	3.80	3.76	1.14	ppb
Silver	109-1	3.70	3.77	3.78	3.75	1.18	ppb
Sodium	23-2	15051.53	15194.53	15261.23	15169.10	0.71	ppb
Strontium	86-1	12130.80	12488.48	12420.44	12346.57	1.54	ppb
Strontium	88-1	12198.00	12359.99	12363.14	12307.04	0.77	ppb
Sulfur	34-1	4121.43	4368.80	4388.12	4292.78	3.46	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.18	0.17	0.18	0.18	2.54	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	1.71	ppb
Tin	118-1	18.49	18.69	18.55	18.58	0.57	ppb
Titanium	47-1	346.84	347.41	348.67	347.64	0.27	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-13	Instrumnet Name :	P7
Client Sample ID :	MJNKH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:44:39	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.06	1.03	1.04	1.43	ppb
Vanadium	51-2	33.33	33.83	33.79	33.65	0.84	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	901.78	906.30	907.38	905.15	0.33	ppb
Zirconium	90-1	1.96	1.97	1.97	1.97	0.35	ppb
Zirconium	91-1	1.98	2.04	2.07	2.03	2.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-14	Instrumnet Name :	P7
Client Sample ID :	MJNKH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:47:41	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9224.38	9095.13	9062.91	9127.47	0.94	ppb
Antimony	121-1	17.97	19.11	19.47	18.85	4.16	ppb
Arsenic	75-2	83.74	82.64	83.79	83.39	0.78	ppb
Barium	135-1	67.55	72.57	72.64	70.92	4.12	ppb
Barium	137-1	67.90	72.61	73.75	71.42	4.34	ppb
Beryllium	9-1	0.20	0.26	0.25	0.23	13.81	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	1.45	1.40	1.37	7.27	ppb
Cadmium	106-1	-0.18	-1.21	-1.12	-0.84		ppb
Cadmium	111-1	0.89	0.90	0.85	0.88	2.88	ppb
Calcium	43-1	31733.65	33921.28	33876.99	33177.31	3.77	ppb
Calcium	44-1	30441.00	32460.69	32370.90	31757.53	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.47	34.03	34.04	34.18	0.73	ppb
Cobalt	59-2	17.39	17.38	17.26	17.34	0.43	ppb
Copper	63-2	904.17	891.36	880.92	892.15	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				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	24325.59	24105.84	23993.22	24141.55	0.70	ppb
Iron	57-2	24109.41	23886.17	24048.90	24014.82	0.48	ppb
Iron	54-2	24473.79	24289.17	23898.72	24220.56	1.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-14	Instrumnet Name :	P7
Client Sample ID :	MJNKH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:47:41	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	183.32	191.84	196.43	190.53	3.49	ppb
Lead	207-1	172.83	190.87	193.56	185.75	6.07	ppb
Lead	208-1	178.81	190.86	193.62	187.77	4.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	5952.79	5868.76	5784.57	5868.71	1.43	ppb
Manganese	55-2	188.92	187.82	187.11	187.95	0.49	ppb
Molybdenum	94-1	7.15	7.64	7.69	7.49	3.99	ppb
Molybdenum	95-1	3.42	3.79	3.79	3.67	5.88	ppb
Molybdenum	96-1	4.06	4.27	4.37	4.23	3.79	ppb
Molybdenum	97-1	3.45	3.76	3.83	3.68	5.53	ppb
Molybdenum	98-1	3.45	3.77	3.77	3.66	4.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.47	24.41	23.94	24.27	1.19	ppb
Phosphorus	31-2	1081.81	1081.08	1087.51	1083.46	0.33	ppb
Potassium	39-2	2056.45	2042.02	2037.64	2045.37	0.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.45	0.58	0.98	0.67	41.22	ppb
Selenium	77-2	3.35	4.30	4.63	4.09	16.25	ppb
Selenium	78-2	0.53	1.10	0.71	0.78	37.51	ppb
Silicon	28-1	751.59	802.26	801.38	785.08	3.69	ppb
Silver	107-1	2.96	3.22	3.22	3.13	4.81	ppb
Silver	109-1	3.01	3.23	3.25	3.16	4.20	ppb
Sodium	23-2	13292.37	13277.23	13241.79	13270.46	0.20	ppb
Strontium	86-1	6857.37	7341.05	7348.66	7182.36	3.92	ppb
Strontium	88-1	6875.16	7451.97	7386.86	7238.00	4.36	ppb
Sulfur	34-1	4765.03	5224.44	5207.71	5065.73	5.14	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.28	0.32	0.31	0.30	6.09	ppb
Thallium	205-1	0.29	0.31	0.32	0.31	5.41	ppb
Tin	118-1	17.54	18.96	18.96	18.49	4.43	ppb
Titanium	47-1	448.65	479.27	479.48	469.14	3.78	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-14	Instrumnet Name :	P7
Client Sample ID :	MJNKH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:47:41	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.14	1.13	1.12	2.90	ppb
Vanadium	51-2	35.95	35.63	35.50	35.69	0.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	769.00	761.06	759.22	763.09	0.68	ppb
Zirconium	90-1	2.36	2.61	2.59	2.52	5.50	ppb
Zirconium	91-1	2.41	2.60	2.64	2.55	4.91	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-15	Instrumnet Name :	P7
Client Sample ID :	MJNKH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:50:48	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8551.30	8694.62	8663.73	8636.55	0.87	ppb
Antimony	121-1	12.32	12.48	12.90	12.57	2.39	ppb
Arsenic	75-2	76.02	74.50	75.28	75.27	1.01	ppb
Barium	135-1	56.45	57.32	57.70	57.16	1.13	ppb
Barium	137-1	57.34	58.20	58.64	58.06	1.14	ppb
Beryllium	9-1	0.20	0.19	0.28	0.22	22.59	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	1.35	1.77	1.54	13.87	ppb
Cadmium	106-1	-0.04	-0.15	-0.39	-0.19		ppb
Cadmium	111-1	1.04	1.01	1.03	1.03	1.28	ppb
Calcium	43-1	21494.91	21865.74	21868.07	21742.91	0.99	ppb
Calcium	44-1	20506.75	20688.98	20821.79	20672.51	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.99	29.59	29.89	29.82	0.70	ppb
Cobalt	59-2	10.58	10.83	10.56	10.66	1.43	ppb
Copper	63-2	1271.48	1279.63	1262.19	1271.10	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				108		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	19431.69	19721.59	19666.38	19606.55	0.79	ppb
Iron	57-2	19234.97	19722.86	19316.97	19424.93	1.34	ppb
Iron	54-2	19295.20	19611.22	19360.85	19422.42	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-15	Instrumnet Name :	P7
Client Sample ID :	MJNKH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:50:48	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.12	188.53	189.57	187.74	1.24	ppb
Lead	207-1	172.39	179.89	178.02	176.77	2.21	ppb
Lead	208-1	178.91	183.75	185.02	182.56	1.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	4480.62	4605.98	4574.50	4553.70	1.43	ppb
Manganese	55-2	136.91	137.13	137.21	137.08	0.11	ppb
Molybdenum	94-1	7.84	8.12	8.07	8.01	1.83	ppb
Molybdenum	95-1	4.46	4.67	4.56	4.56	2.28	ppb
Molybdenum	96-1	4.99	5.11	5.15	5.09	1.60	ppb
Molybdenum	97-1	4.53	4.57	4.66	4.59	1.48	ppb
Molybdenum	98-1	4.44	4.60	4.60	4.55	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.95	23.97	23.66	23.86	0.73	ppb
Phosphorus	31-2	888.89	897.15	914.29	900.11	1.44	ppb
Potassium	39-2	1645.61	1667.82	1647.36	1653.60	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.89	0.84	0.55	0.76	24.34	ppb
Selenium	77-2	4.79	3.59	3.30	3.89	20.20	ppb
Selenium	78-2	0.56	-0.74	0.90	0.24	357.68	ppb
Silicon	28-1	677.44	686.93	687.03	683.80	0.81	ppb
Silver	107-1	2.73	2.75	2.79	2.76	1.18	ppb
Silver	109-1	2.70	2.76	2.78	2.75	1.50	ppb
Sodium	23-2	11439.76	11457.44	11435.07	11444.09	0.10	ppb
Strontium	86-1	2283.55	2379.36	2353.79	2338.90	2.12	ppb
Strontium	88-1	2300.89	2399.52	2366.93	2355.78	2.13	ppb
Sulfur	34-1	8429.58	8605.11	8673.36	8569.35	1.47	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.29	0.30	0.30	0.30	2.45	ppb
Thallium	205-1	0.30	0.30	0.31	0.30	2.37	ppb
Tin	118-1	14.52	14.67	14.90	14.70	1.30	ppb
Titanium	47-1	503.96	513.80	515.12	510.96	1.19	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-15	Instrumnet Name :	P7
Client Sample ID :	MJNKH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:50:48	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.35	1.40	1.39	1.38	1.90	ppb
Vanadium	51-2	33.86	34.25	34.38	34.16	0.80	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	629.73	637.01	627.91	631.55	0.76	ppb
Zirconium	90-1	2.31	2.44	2.40	2.38	2.66	ppb
Zirconium	91-1	2.33	2.33	2.40	2.35	1.81	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-16	Instrumnet Name :	P7
Client Sample ID :	MJNKH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:53:53	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9551.78	9580.92	9405.78	9512.83	0.99	ppb
Antimony	121-1	13.32	13.81	13.48	13.54	1.86	ppb
Arsenic	75-2	59.45	58.41	57.83	58.57	1.40	ppb
Barium	135-1	55.80	58.10	55.74	56.55	2.38	ppb
Barium	137-1	56.26	58.64	57.91	57.61	2.12	ppb
Beryllium	9-1	0.29	0.19	0.20	0.23	23.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.49	1.59	1.41	16.86	ppb
Cadmium	106-1	1.20	-0.33	-0.32	0.18	480.31	ppb
Cadmium	111-1	1.08	1.03	1.04	1.05	2.11	ppb
Calcium	43-1	7761.83	7855.59	7907.67	7841.70	0.94	ppb
Calcium	44-1	7502.13	7535.93	7530.90	7522.99	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.13	33.90	33.86	33.96	0.44	ppb
Cobalt	59-2	14.62	14.58	14.49	14.56	0.49	ppb
Copper	63-2	769.66	769.55	759.05	766.09	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	21116.09	21063.74	20924.54	21034.79	0.47	ppb
Iron	57-2	20893.74	20710.93	20570.27	20724.98	0.78	ppb
Iron	54-2	21112.18	21108.73	21068.91	21096.60	0.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-16	Instrumnet Name :	P7
Client Sample ID :	MJNKH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:53:53	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	170.61	173.03	172.88	172.17	0.79	ppb
Lead	207-1	160.84	164.03	167.84	164.24	2.13	ppb
Lead	208-1	165.68	170.72	169.92	168.78	1.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	5187.93	5100.30	5097.48	5128.57	1.00	ppb
Manganese	55-2	160.85	161.75	160.93	161.18	0.31	ppb
Molybdenum	94-1	7.74	7.98	7.90	7.87	1.53	ppb
Molybdenum	95-1	4.03	4.10	4.15	4.09	1.47	ppb
Molybdenum	96-1	4.54	4.66	4.65	4.62	1.45	ppb
Molybdenum	97-1	4.20	4.08	4.18	4.15	1.55	ppb
Molybdenum	98-1	4.03	4.22	4.08	4.11	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.66	25.38	24.80	25.28	1.72	ppb
Phosphorus	31-2	1316.60	1348.54	1343.34	1336.16	1.28	ppb
Potassium	39-2	1765.76	1753.93	1753.28	1757.66	0.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.91	0.49	0.71	0.70	30.25	ppb
Selenium	77-2	4.93	5.03	3.37	4.44	21.02	ppb
Selenium	78-2	1.01	1.85	0.83	1.23	44.18	ppb
Silicon	28-1	657.25	673.00	674.92	668.39	1.45	ppb
Silver	107-1	2.32	2.42	2.30	2.35	2.87	ppb
Silver	109-1	2.28	2.43	2.38	2.36	3.41	ppb
Sodium	23-2	10808.89	10829.66	10713.88	10784.14	0.57	ppb
Strontium	86-1	1567.13	1589.03	1605.26	1587.14	1.21	ppb
Strontium	88-1	1587.74	1608.11	1605.16	1600.33	0.69	ppb
Sulfur	34-1	6179.25	6133.14	6043.58	6118.66	1.13	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.53	0.52	0.53	0.53	0.82	ppb
Thallium	205-1	0.51	0.53	0.54	0.53	3.10	ppb
Tin	118-1	11.22	11.68	11.54	11.48	2.06	ppb
Titanium	47-1	682.97	689.10	690.28	687.45	0.57	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-16	Instrumnet Name :	P7
Client Sample ID :	MJNKH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:53:53	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.88	1.92	1.92	1.91	1.15	ppb
Vanadium	51-2	42.10	42.05	41.47	41.88	0.84	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	560.93	557.87	553.10	557.30	0.71	ppb
Zirconium	90-1	2.49	2.56	2.54	2.53	1.40	ppb
Zirconium	91-1	2.55	2.53	2.57	2.55	0.84	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-17	Instrumnet Name :	P7
Client Sample ID :	MJNKH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:57:00	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9643.04	9668.92	9693.30	9668.42	0.26	ppb
Antimony	121-1	14.91	17.23	17.13	16.42	8.00	ppb
Arsenic	75-2	82.66	84.03	82.65	83.11	0.96	ppb
Barium	135-1	38.65	43.89	43.33	41.96	6.86	ppb
Barium	137-1	38.60	44.42	44.39	42.47	7.90	ppb
Beryllium	9-1	0.21	0.28	0.25	0.25	13.25	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	1.36	1.06	1.19	12.66	ppb
Cadmium	106-1	-1.13	-1.22	-1.91	-1.42		ppb
Cadmium	111-1	0.71	0.86	0.89	0.82	11.59	ppb
Calcium	43-1	6445.62	7492.69	7547.50	7161.94	8.67	ppb
Calcium	44-1	6307.44	7216.22	7223.52	6915.73	7.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.85	33.05	33.66	33.19	1.27	ppb
Cobalt	59-2	10.68	10.71	10.65	10.68	0.30	ppb
Copper	63-2	1037.19	1048.98	1047.14	1044.44	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				109		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	21709.09	21621.24	21722.15	21684.16	0.25	ppb
Iron	57-2	21503.28	21321.08	21590.96	21471.77	0.64	ppb
Iron	54-2	21632.22	21802.74	21666.29	21700.42	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-17	Instrumnet Name :	P7
Client Sample ID :	MJNKH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:57:00	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	139.67	160.48	159.50	153.22	7.66	ppb
Lead	207-1	136.75	156.37	154.25	149.12	7.22	ppb
Lead	208-1	138.32	158.77	157.04	151.38	7.49	ppb
Lithium	6-1				101		%
Magnesium	24-2	5622.18	5619.16	5718.59	5653.31	1.00	ppb
Manganese	55-2	170.94	172.60	172.81	172.12	0.60	ppb
Molybdenum	94-1	6.18	7.34	7.31	6.95	9.51	ppb
Molybdenum	95-1	3.12	3.57	3.61	3.43	7.99	ppb
Molybdenum	96-1	3.54	4.16	4.16	3.95	9.01	ppb
Molybdenum	97-1	3.25	3.72	3.60	3.52	6.93	ppb
Molybdenum	98-1	3.06	3.58	3.55	3.40	8.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.89	22.94	23.06	22.96	0.37	ppb
Phosphorus	31-2	1014.96	1043.00	1066.47	1041.48	2.48	ppb
Potassium	39-2	2016.52	1973.03	2019.99	2003.18	1.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.16	0.70	0.91	0.59	65.32	ppb
Selenium	77-2	4.51	4.59	3.31	4.14	17.27	ppb
Selenium	78-2	1.27	-0.02	0.22	0.49	140.98	ppb
Silicon	28-1	630.32	733.99	727.88	697.40	8.34	ppb
Silver	107-1	3.31	3.79	3.77	3.62	7.58	ppb
Silver	109-1	3.32	3.80	3.80	3.64	7.66	ppb
Sodium	23-2	13086.79	13020.79	13144.95	13084.18	0.47	ppb
Strontium	86-1	1504.56	1758.31	1752.54	1671.80	8.67	ppb
Strontium	88-1	1537.31	1788.17	1769.53	1698.34	8.23	ppb
Sulfur	34-1	5649.01	7166.46	7034.42	6616.63	12.70	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.26	0.25	0.25	4.35	ppb
Thallium	205-1	0.21	0.26	0.27	0.25	11.59	ppb
Tin	118-1	13.40	15.51	15.18	14.70	7.71	ppb
Titanium	47-1	359.52	420.51	416.37	398.80	8.55	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-17	Instrumnet Name :	P7
Client Sample ID :	MJNKH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:57:00	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.91	0.89	0.86	7.20	ppb
Vanadium	51-2	36.32	36.64	36.21	36.39	0.62	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	418.39	417.84	420.83	419.02	0.38	ppb
Zirconium	90-1	2.07	2.41	2.39	2.29	8.37	ppb
Zirconium	91-1	2.02	2.42	2.46	2.30	10.43	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-18	Instrumnet Name :	P7
Client Sample ID :	MJNKJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:00:04	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9622.40	9813.13	9659.69	9698.41	1.04	ppb
Antimony	121-1	7.76	8.33	8.30	8.13	3.95	ppb
Arsenic	75-2	55.78	54.67	55.53	55.33	1.04	ppb
Barium	135-1	35.39	37.74	37.63	36.92	3.59	ppb
Barium	137-1	35.85	38.38	38.19	37.47	3.76	ppb
Beryllium	9-1	0.22	0.25	0.26	0.24	9.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.09	0.95	1.03	6.72	ppb
Cadmium	106-1	-1.05	-1.33	-2.27	-1.55		ppb
Cadmium	111-1	0.72	0.69	0.64	0.69	6.13	ppb
Calcium	43-1	15630.30	16902.40	16769.32	16434.01	4.25	ppb
Calcium	44-1	15148.89	16062.66	15957.94	15723.16	3.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.77	34.19	33.91	33.96	0.63	ppb
Cobalt	59-2	9.15	9.33	9.07	9.18	1.46	ppb
Copper	63-2	823.24	845.16	833.88	834.09	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				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	21824.03	22294.04	22024.34	22047.47	1.07	ppb
Iron	57-2	21788.80	21933.90	21592.58	21771.76	0.79	ppb
Iron	54-2	21887.24	22026.00	21942.22	21951.82	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-18	Instrumnet Name :	P7
Client Sample ID :	MJNKJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:00:04	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	171.07	184.19	180.84	178.70	3.82	ppb
Lead	207-1	161.05	173.77	172.08	168.97	4.09	ppb
Lead	208-1	165.45	179.50	176.85	173.93	4.29	ppb
Lithium	6-1				98		%
Magnesium	24-2	5761.00	5815.48	5890.44	5822.30	1.12	ppb
Manganese	55-2	147.70	149.52	147.85	148.35	0.68	ppb
Molybdenum	94-1	5.76	6.16	6.14	6.02	3.67	ppb
Molybdenum	95-1	3.90	4.32	4.31	4.18	5.76	ppb
Molybdenum	96-1	4.29	4.63	4.70	4.54	4.76	ppb
Molybdenum	97-1	3.99	4.35	4.34	4.23	4.92	ppb
Molybdenum	98-1	3.99	4.30	4.29	4.19	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.65	22.96	22.72	22.78	0.72	ppb
Phosphorus	31-2	1012.68	1013.49	1048.08	1024.75	1.97	ppb
Potassium	39-2	2113.64	2147.26	2127.77	2129.56	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.73	0.94	0.68	0.78	17.30	ppb
Selenium	77-2	3.01	4.65	4.40	4.02	22.06	ppb
Selenium	78-2	0.50	0.91	0.36	0.59	48.38	ppb
Silicon	28-1	666.82	717.05	700.36	694.74	3.68	ppb
Silver	107-1	3.30	3.48	3.52	3.44	3.41	ppb
Silver	109-1	3.30	3.49	3.51	3.43	3.50	ppb
Sodium	23-2	16653.00	16853.97	16635.53	16714.17	0.73	ppb
Strontium	86-1	2401.76	2613.50	2567.65	2527.64	4.41	ppb
Strontium	88-1	2400.29	2675.15	2595.52	2556.99	5.53	ppb
Sulfur	34-1	8270.05	9230.99	9135.69	8878.91	5.96	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.18	0.21	0.20	0.20	7.47	ppb
Thallium	205-1	0.19	0.20	0.20	0.20	3.95	ppb
Tin	118-1	15.33	16.26	16.16	15.92	3.22	ppb
Titanium	47-1	375.26	403.18	402.74	393.73	4.06	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-18	Instrumnet Name :	P7
Client Sample ID :	MJNKJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:00:04	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.43	1.46	1.42	3.52	ppb
Vanadium	51-2	38.50	39.25	38.71	38.82	1.00	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	319.26	322.73	319.41	320.46	0.61	ppb
Zirconium	90-1	1.35	1.44	1.46	1.42	3.94	ppb
Zirconium	91-1	1.41	1.51	1.50	1.48	3.71	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:03:11	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11016.49	10867.09	10714.93	10866.17	1.39	ppb
Antimony	121-1	18.37	18.41	18.42	18.40	0.15	ppb
Arsenic	75-2	123.21	125.24	120.94	123.13	1.75	ppb
Barium	135-1	80.56	81.63	80.89	81.03	0.68	ppb
Barium	137-1	81.40	82.44	81.92	81.92	0.63	ppb
Beryllium	9-1	0.33	0.30	0.31	0.31	3.89	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.48	1.80	1.81	1.70	10.96	ppb
Cadmium	106-1	0.21	0.10	-0.35	-0.02		ppb
Cadmium	111-1	1.06	1.12	1.02	1.07	4.63	ppb
Calcium	43-1	42060.66	42818.04	43295.39	42724.69	1.46	ppb
Calcium	44-1	41266.37	42633.05	42255.60	42051.67	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.88	48.56	48.12	48.52	0.79	ppb
Cobalt	59-2	19.03	19.06	18.83	18.97	0.67	ppb
Copper	63-2	1567.96	1557.67	1540.08	1555.24	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	33365.22	33506.51	33054.75	33308.83	0.69	ppb
Iron	57-2	33271.97	33266.37	32690.74	33076.36	1.01	ppb
Iron	54-2	33699.61	33650.56	33222.95	33524.37	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:03:11	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	231.07	238.19	235.02	234.76	1.52	ppb
Lead	207-1	225.87	235.00	234.23	231.70	2.18	ppb
Lead	208-1	228.00	235.20	232.21	231.81	1.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	7104.13	7113.72	7020.05	7079.30	0.73	ppb
Manganese	55-2	216.16	216.68	214.49	215.78	0.53	ppb
Molybdenum	94-1	7.95	8.24	8.18	8.12	1.85	ppb
Molybdenum	95-1	4.06	4.23	4.20	4.16	2.21	ppb
Molybdenum	96-1	4.73	4.89	4.85	4.82	1.67	ppb
Molybdenum	97-1	4.19	4.21	4.28	4.23	1.21	ppb
Molybdenum	98-1	4.16	4.17	4.16	4.16	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.04	27.61	27.30	27.65	1.34	ppb
Phosphorus	31-2	1172.78	1193.91	1200.71	1189.13	1.23	ppb
Potassium	39-2	2321.94	2279.85	2275.84	2292.54	1.11	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	1.17	1.25	1.46	1.29	11.72	ppb
Selenium	77-2	4.97	2.63	5.29	4.30	33.79	ppb
Selenium	78-2	0.26	0.12	-0.41	-0.01		ppb
Silicon	28-1	888.90	902.86	911.46	901.07	1.26	ppb
Silver	107-1	5.65	5.57	5.63	5.62	0.73	ppb
Silver	109-1	5.65	5.59	5.63	5.62	0.52	ppb
Sodium	23-2	16913.18	16733.23	16666.85	16771.09	0.76	ppb
Strontium	86-1	9506.80	9817.99	9707.39	9677.39	1.63	ppb
Strontium	88-1	9433.09	9791.55	9651.35	9625.33	1.88	ppb
Sulfur	34-1	6111.28	6564.43	6465.42	6380.38	3.73	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.36	0.35	0.36	0.36	1.98	ppb
Thallium	205-1	0.35	0.36	0.35	0.35	0.57	ppb
Tin	118-1	21.31	21.59	21.58	21.49	0.72	ppb
Titanium	47-1	450.58	461.77	458.74	457.03	1.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:03:11	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.02	1.02	1.02	0.88	ppb
Vanadium	51-2	42.74	42.51	42.07	42.44	0.80	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	955.46	951.37	939.66	948.83	0.86	ppb
Zirconium	90-1	2.57	2.59	2.67	2.61	2.17	ppb
Zirconium	91-1	2.66	2.69	2.62	2.66	1.24	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-20	Instrumnet Name :	P7
Client Sample ID :	MJNKJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:06:17	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11976.58	12123.88	12048.22	12049.56	0.61	ppb
Antimony	121-1	14.98	15.49	15.11	15.20	1.73	ppb
Arsenic	75-2	120.55	122.56	122.42	121.84	0.92	ppb
Barium	135-1	48.34	50.75	49.90	49.66	2.46	ppb
Barium	137-1	49.45	51.28	50.40	50.38	1.82	ppb
Beryllium	9-1	0.33	0.34	0.31	0.32	4.51	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.35	1.48	1.34	10.69	ppb
Cadmium	106-1	-0.60	-1.03	-0.78	-0.80		ppb
Cadmium	111-1	0.95	0.85	0.89	0.90	5.81	ppb
Calcium	43-1	7552.90	7753.45	7669.49	7658.61	1.32	ppb
Calcium	44-1	7246.42	7481.66	7364.89	7364.32	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.55	60.92	60.13	60.53	0.65	ppb
Cobalt	59-2	10.80	10.90	10.88	10.86	0.46	ppb
Copper	63-2	2268.74	2272.43	2304.52	2281.90	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				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	25863.41	25780.95	26058.94	25901.10	0.55	ppb
Iron	57-2	25419.23	25558.86	25217.35	25398.48	0.68	ppb
Iron	54-2	25908.87	26007.21	25971.28	25962.45	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-20	Instrumnet Name :	P7
Client Sample ID :	MJNKJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:06:17	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	230.61	241.89	239.63	237.38	2.52	ppb
Lead	207-1	229.87	233.93	237.22	233.67	1.58	ppb
Lead	208-1	229.35	237.05	237.45	234.62	1.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	6548.91	6625.83	6642.58	6605.77	0.76	ppb
Manganese	55-2	171.33	172.80	172.43	172.19	0.44	ppb
Molybdenum	94-1	10.13	10.48	10.41	10.34	1.81	ppb
Molybdenum	95-1	6.26	6.53	6.41	6.40	2.13	ppb
Molybdenum	96-1	6.81	7.14	7.02	6.99	2.39	ppb
Molybdenum	97-1	6.34	6.45	6.43	6.41	0.90	ppb
Molybdenum	98-1	6.21	6.51	6.39	6.37	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.51	41.15	41.00	41.22	0.63	ppb
Phosphorus	31-2	1042.06	1076.45	1055.78	1058.09	1.64	ppb
Potassium	39-2	2311.01	2287.13	2291.42	2296.52	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.89	1.74	1.37	1.33	31.92	ppb
Selenium	77-2	5.28	5.31	5.02	5.20	3.01	ppb
Selenium	78-2	1.39	0.84	0.26	0.83	68.16	ppb
Silicon	28-1	864.31	886.79	887.66	879.59	1.50	ppb
Silver	107-1	6.02	6.29	6.17	6.16	2.22	ppb
Silver	109-1	5.97	6.31	6.11	6.13	2.75	ppb
Sodium	23-2	18510.42	18535.43	18522.92	18522.92	0.07	ppb
Strontium	86-1	1710.74	1791.98	1763.51	1755.41	2.35	ppb
Strontium	88-1	1744.51	1801.60	1790.56	1778.89	1.70	ppb
Sulfur	34-1	12617.76	12765.08	12453.77	12612.20	1.23	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.31	0.32	0.32	0.32	2.43	ppb
Thallium	205-1	0.30	0.33	0.33	0.32	5.07	ppb
Tin	118-1	18.94	19.86	19.33	19.38	2.40	ppb
Titanium	47-1	606.45	623.98	620.14	616.86	1.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-20	Instrumnet Name :	P7
Client Sample ID :	MJNKJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:06:17	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.56	1.62	1.63	1.60	2.37	ppb
Vanadium	51-2	47.93	48.33	47.61	47.96	0.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	394.95	398.27	394.23	395.82	0.55	ppb
Zirconium	90-1	2.76	2.92	2.84	2.84	2.80	ppb
Zirconium	91-1	2.80	2.98	2.85	2.88	3.14	ppb

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-21	Instrumnet Name :	P7
Client Sample ID :	MJNKJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:09:23	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10352.89	10340.92	10389.92	10361.24	0.25	ppb
Antimony	121-1	3.52	3.44	3.49	3.48	1.18	ppb
Arsenic	75-2	40.92	40.32	40.58	40.61	0.75	ppb
Barium	135-1	28.66	28.61	28.76	28.68	0.25	ppb
Barium	137-1	28.94	28.89	28.94	28.92	0.11	ppb
Beryllium	9-1	0.22	0.26	0.25	0.24	8.90	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.38	0.42	0.66	0.49	31.59	ppb
Cadmium	106-1	-1.45	-2.68	-2.70	-2.28		ppb
Cadmium	111-1	0.21	0.14	0.13	0.16	28.96	ppb
Calcium	43-1	5296.27	5302.64	5297.05	5298.65	0.07	ppb
Calcium	44-1	5166.76	5106.70	5028.82	5100.76	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.72	22.98	22.90	22.87	0.57	ppb
Cobalt	59-2	6.62	6.74	6.68	6.68	0.93	ppb
Copper	63-2	517.30	516.19	520.90	518.13	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	17264.80	17227.85	17335.05	17275.90	0.32	ppb
Iron	57-2	16948.23	16966.04	17023.64	16979.30	0.23	ppb
Iron	54-2	17120.50	17378.81	17153.30	17217.54	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-21	Instrumnet Name :	P7
Client Sample ID :	MJNKJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:09:23	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	111.82	109.40	113.00	111.41	1.64	ppb
Lead	207-1	108.00	106.17	108.24	107.47	1.05	ppb
Lead	208-1	110.82	109.02	110.83	110.22	0.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	4384.06	4453.53	4374.49	4404.03	0.98	ppb
Manganese	55-2	141.54	141.62	141.09	141.42	0.20	ppb
Molybdenum	94-1	4.49	4.47	4.41	4.45	0.88	ppb
Molybdenum	95-1	0.53	0.51	0.53	0.52	2.23	ppb
Molybdenum	96-1	1.05	1.07	1.05	1.06	1.27	ppb
Molybdenum	97-1	0.51	0.51	0.54	0.52	2.99	ppb
Molybdenum	98-1	0.53	0.51	0.52	0.52	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.86	27.04	26.59	26.83	0.85	ppb
Phosphorus	31-2	1214.54	1193.55	1206.11	1204.73	0.88	ppb
Potassium	39-2	1287.75	1287.86	1285.86	1287.16	0.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.90	0.70	0.64	0.75	17.58	ppb
Selenium	77-2	4.93	4.27	3.21	4.14	20.95	ppb
Selenium	78-2	0.30	0.87	0.66	0.61	46.93	ppb
Silicon	28-1	735.65	731.15	737.14	734.65	0.42	ppb
Silver	107-1	0.69	0.65	0.66	0.67	3.29	ppb
Silver	109-1	0.69	0.67	0.66	0.67	1.92	ppb
Sodium	23-2	6225.87	6184.08	6131.10	6180.35	0.77	ppb
Strontium	86-1	1011.00	1001.63	1006.95	1006.52	0.47	ppb
Strontium	88-1	1026.78	1007.90	993.07	1009.25	1.67	ppb
Sulfur	34-1	932.60	902.88	890.39	908.62	2.39	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.05	0.06	0.06	13.52	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.83	ppb
Tin	118-1	3.30	3.33	3.35	3.32	0.76	ppb
Titanium	47-1	564.65	562.29	565.20	564.05	0.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-21	Instrumnet Name :	P7
Client Sample ID :	MJNKJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:09:23	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.71	0.74	0.73	1.87	ppb
Vanadium	51-2	45.90	46.29	46.66	46.28	0.82	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	115.34	114.69	115.09	115.04	0.29	ppb
Zirconium	90-1	2.22	2.19	2.20	2.21	0.64	ppb
Zirconium	91-1	2.28	2.17	2.19	2.21	2.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:12:29	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6920.14	7007.11	6869.41	6932.22	1.00	ppb
Antimony	121-1	233.92	230.60	223.40	229.31	2.34	ppb
Arsenic	75-2	730.60	742.41	754.19	742.40	1.59	ppb
Barium	135-1	98.38	94.70	93.81	95.63	2.53	ppb
Barium	137-1	99.84	97.34	93.51	96.90	3.29	ppb
Beryllium	9-1	0.33	0.23	0.26	0.28	18.36	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.92	1.68	1.54	1.71	11.39	ppb
Cadmium	106-1	-0.07	-1.08	-1.18	-0.78		ppb
Cadmium	111-1	0.88	0.71	0.77	0.79	10.97	ppb
Calcium	43-1	9931.41	9751.18	9514.51	9732.37	2.15	ppb
Calcium	44-1	9601.29	9421.84	9191.64	9404.93	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.17	21.10	21.40	21.22	0.74	ppb
Cobalt	59-2	61.54	62.14	62.03	61.90	0.52	ppb
Copper	63-2	308.90	312.96	313.87	311.91	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				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	41081.40	41443.06	41424.21	41316.22	0.49	ppb
Iron	57-2	40821.22	40694.98	40074.05	40530.08	0.99	ppb
Iron	54-2	41069.83	41337.10	41102.69	41169.87	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:12:29	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	576.31	563.08	548.92	562.77	2.43	ppb
Lead	207-1	576.55	551.54	536.60	554.90	3.64	ppb
Lead	208-1	575.10	553.30	539.18	555.86	3.26	ppb
Lithium	6-1				95		%
Magnesium	24-2	4330.57	4409.42	4401.08	4380.36	0.99	ppb
Manganese	55-2	332.59	335.47	334.15	334.07	0.43	ppb
Molybdenum	94-1	13.84	13.66	13.12	13.54	2.78	ppb
Molybdenum	95-1	10.01	9.72	9.55	9.76	2.38	ppb
Molybdenum	96-1	10.67	10.56	10.27	10.50	1.95	ppb
Molybdenum	97-1	10.14	10.06	9.69	9.97	2.42	ppb
Molybdenum	98-1	9.94	9.73	9.48	9.72	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.59	24.71	24.71	24.67	0.28	ppb
Phosphorus	31-2	737.96	760.01	732.70	743.56	1.95	ppb
Potassium	39-2	1972.39	1983.91	1970.46	1975.58	0.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.83	1.01	0.81	0.88	12.71	ppb
Selenium	77-2	3.00	2.89	1.65	2.51	29.77	ppb
Selenium	78-2	0.12	-0.03	-0.02	0.02	367.01	ppb
Silicon	28-1	564.84	555.47	541.34	553.88	2.14	ppb
Silver	107-1	0.88	0.87	0.84	0.86	2.58	ppb
Silver	109-1	0.87	0.86	0.84	0.86	1.75	ppb
Sodium	23-2	5955.04	6018.45	5956.31	5976.60	0.61	ppb
Strontium	86-1	1874.54	1837.41	1773.50	1828.49	2.80	ppb
Strontium	88-1	1907.42	1848.76	1775.86	1844.01	3.57	ppb
Sulfur	34-1	-157.53	-209.09	-264.49	-210.37		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.21	0.19	0.20	0.20	6.54	ppb
Thallium	205-1	0.20	0.19	0.18	0.19	4.96	ppb
Tin	118-1	75.83	72.18	71.02	73.01	3.43	ppb
Titanium	47-1	289.46	277.83	273.97	280.42	2.88	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:12:29	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.80	0.78	0.80	1.82	ppb
Vanadium	51-2	27.26	27.18	26.93	27.12	0.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	2677.10	2643.83	2656.08	2659.00	0.63	ppb
Zirconium	90-1	3.16	3.08	2.97	3.07	3.13	ppb
Zirconium	91-1	3.26	3.17	3.08	3.17	2.72	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:15:33	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7215.16	7146.42	7181.72	7181.10	0.48	ppb
Antimony	121-1	238.21	241.84	244.80	241.62	1.37	ppb
Arsenic	75-2	769.47	762.71	770.65	767.61	0.56	ppb
Barium	135-1	98.28	99.73	101.63	99.88	1.68	ppb
Barium	137-1	99.93	101.04	102.95	101.30	1.51	ppb
Beryllium	9-1	0.33	0.27	0.25	0.28	13.82	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	2.19	1.90	1.93	12.68	ppb
Cadmium	106-1	0.15	-0.32	-0.37	-0.18		ppb
Cadmium	111-1	0.90	0.88	0.87	0.88	1.76	ppb
Calcium	43-1	10068.53	10127.00	10310.52	10168.68	1.24	ppb
Calcium	44-1	9625.53	9709.25	9774.54	9703.11	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.09	22.19	21.61	21.96	1.41	ppb
Cobalt	59-2	64.00	64.08	63.67	63.92	0.34	ppb
Copper	63-2	326.60	323.09	317.69	322.46	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	42448.08	42476.95	41859.72	42261.59	0.82	ppb
Iron	57-2	41836.27	41707.97	41484.37	41676.21	0.43	ppb
Iron	54-2	42515.83	42537.52	42100.93	42384.76	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:15:33	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	582.92	580.44	592.48	585.28	1.09	ppb
Lead	207-1	573.02	573.03	585.45	577.17	1.24	ppb
Lead	208-1	577.23	576.59	584.22	579.35	0.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	4531.21	4577.45	4481.43	4530.03	1.06	ppb
Manganese	55-2	346.50	344.69	339.77	343.66	1.01	ppb
Molybdenum	94-1	13.99	14.07	14.16	14.07	0.60	ppb
Molybdenum	95-1	10.26	10.25	10.27	10.26	0.11	ppb
Molybdenum	96-1	10.74	10.94	10.98	10.89	1.15	ppb
Molybdenum	97-1	10.09	10.27	10.47	10.28	1.81	ppb
Molybdenum	98-1	10.17	10.33	10.36	10.29	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.31	25.31	25.38	25.34	0.15	ppb
Phosphorus	31-2	754.82	789.30	770.09	771.40	2.24	ppb
Potassium	39-2	2045.61	2053.91	2023.04	2040.85	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.76	0.50	0.18	0.48	59.48	ppb
Selenium	77-2	1.79	3.96	2.44	2.73	40.85	ppb
Selenium	78-2	1.88	0.92	-0.49	0.77	154.70	ppb
Silicon	28-1	562.15	566.62	576.62	568.46	1.30	ppb
Silver	107-1	0.89	0.89	0.89	0.89	0.21	ppb
Silver	109-1	0.88	0.92	0.90	0.90	2.19	ppb
Sodium	23-2	6239.35	6280.65	6099.27	6206.42	1.53	ppb
Strontium	86-1	1887.00	1918.97	1943.45	1916.47	1.48	ppb
Strontium	88-1	1911.76	1947.98	1957.97	1939.24	1.25	ppb
Sulfur	34-1	17.00	33.68	88.95	46.54	80.92	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.20	0.21	0.21	2.96	ppb
Thallium	205-1	0.20	0.21	0.20	0.20	1.47	ppb
Tin	118-1	75.42	76.21	77.73	76.45	1.53	ppb
Titanium	47-1	288.99	291.27	293.84	291.37	0.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:15:33	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.81	0.81	0.82	0.70	ppb
Vanadium	51-2	28.24	27.90	27.83	27.99	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2767.80	2747.75	2700.90	2738.82	1.25	ppb
Zirconium	90-1	3.09	3.16	3.18	3.14	1.37	ppb
Zirconium	91-1	3.31	3.25	3.35	3.30	1.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:18:34	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1380.03	1385.35	1383.24	1382.87	0.19	ppb
Antimony	121-1	46.24	46.82	46.70	46.59	0.66	ppb
Arsenic	75-2	150.41	151.44	150.39	150.75	0.40	ppb
Barium	135-1	19.90	20.07	19.80	19.92	0.69	ppb
Barium	137-1	19.66	20.20	19.93	19.93	1.35	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	20.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.35	0.53	0.38	36.01	ppb
Cadmium	106-1	-0.68	-2.29	-1.90	-1.62		ppb
Cadmium	111-1	0.14	0.04	0.04	0.07	84.31	ppb
Calcium	43-1	2002.98	2010.87	2000.69	2004.85	0.27	ppb
Calcium	44-1	1983.21	2010.56	1995.79	1996.52	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.33	4.29	4.22	4.28	1.32	ppb
Cobalt	59-2	12.56	12.59	12.56	12.57	0.16	ppb
Copper	63-2	62.50	62.36	62.78	62.55	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	8302.61	8284.67	8348.03	8311.77	0.39	ppb
Iron	57-2	8419.73	8360.80	8420.20	8400.24	0.41	ppb
Iron	54-2	8399.94	8224.88	8408.81	8344.55	1.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:18:34	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	113.27	114.19	111.59	113.02	1.17	ppb
Lead	207-1	109.38	111.11	109.98	110.16	0.80	ppb
Lead	208-1	111.50	113.32	113.04	112.62	0.87	ppb
Lithium	6-1				93		%
Magnesium	24-2	861.42	866.02	870.04	865.83	0.50	ppb
Manganese	55-2	67.27	67.76	68.11	67.71	0.62	ppb
Molybdenum	94-1	2.69	2.80	2.89	2.79	3.61	ppb
Molybdenum	95-1	1.96	1.95	1.98	1.96	0.81	ppb
Molybdenum	96-1	2.15	2.18	2.19	2.17	1.00	ppb
Molybdenum	97-1	2.02	2.00	2.06	2.03	1.57	ppb
Molybdenum	98-1	1.96	1.98	2.07	2.01	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.08	4.94	4.89	4.97	1.97	ppb
Phosphorus	31-2	132.53	129.28	126.14	129.31	2.47	ppb
Potassium	39-2	404.34	407.16	408.22	406.57	0.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.09	0.03	0.04	-0.01		ppb
Selenium	77-2	0.37	0.06	0.54	0.32	75.73	ppb
Selenium	78-2	-1.41	0.51	-0.91	-0.60		ppb
Silicon	28-1	118.31	120.08	119.51	119.30	0.76	ppb
Silver	107-1	0.18	0.18	0.18	0.18	1.06	ppb
Silver	109-1	0.18	0.18	0.18	0.18	2.30	ppb
Sodium	23-2	1177.89	1172.44	1180.63	1176.99	0.35	ppb
Strontium	86-1	373.25	372.02	380.66	375.31	1.25	ppb
Strontium	88-1	376.01	379.59	386.01	380.54	1.33	ppb
Sulfur	34-1	-866.55	-739.34	-753.81	-786.57		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.19	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.19	ppb
Tin	118-1	14.96	15.27	15.15	15.13	1.03	ppb
Titanium	47-1	56.40	57.92	57.49	57.27	1.38	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:18:34	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.16	0.16	2.78	ppb
Vanadium	51-2	5.49	5.51	5.55	5.52	0.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	532.98	534.79	536.82	534.86	0.36	ppb
Zirconium	90-1	0.62	0.63	0.63	0.63	1.14	ppb
Zirconium	91-1	0.63	0.67	0.66	0.66	3.02	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:21:47	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7218.62	7201.09	7121.03	7180.25	0.72	ppb
Antimony	121-1	231.90	236.68	233.52	234.03	1.04	ppb
Arsenic	75-2	851.72	857.45	851.02	853.40	0.41	ppb
Barium	135-1	295.85	300.79	299.30	298.65	0.85	ppb
Barium	137-1	302.91	306.42	309.17	306.17	1.03	ppb
Beryllium	9-1	5.62	5.69	5.84	5.72	1.98	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	50.76	51.22	51.18	51.05	0.49	ppb
Cadmium	106-1	47.79	47.76	47.72	47.76	0.07	ppb
Cadmium	111-1	54.94	55.95	55.75	55.55	0.96	ppb
Calcium	43-1	9789.66	9862.67	10030.34	9894.22	1.25	ppb
Calcium	44-1	9396.74	9459.86	9471.29	9442.63	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.54	42.50	42.27	42.44	0.35	ppb
Cobalt	59-2	116.16	115.36	115.54	115.69	0.36	ppb
Copper	63-2	340.38	331.02	336.01	335.80	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	41017.93	40822.89	40744.65	40861.82	0.34	ppb
Iron	57-2	40554.34	39840.44	40267.97	40220.92	0.89	ppb
Iron	54-2	40864.14	40880.48	40902.38	40882.34	0.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:21:47	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	655.18	671.61	683.98	670.26	2.16	ppb
Lead	207-1	647.18	666.88	664.66	659.57	1.64	ppb
Lead	208-1	647.45	664.19	670.98	660.87	1.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	4427.15	4444.14	4464.70	4445.33	0.42	ppb
Manganese	55-2	382.83	385.27	382.62	383.57	0.38	ppb
Molybdenum	94-1	14.19	14.51	14.75	14.48	1.94	ppb
Molybdenum	95-1	10.86	11.15	11.04	11.02	1.35	ppb
Molybdenum	96-1	11.59	11.61	11.55	11.58	0.24	ppb
Molybdenum	97-1	10.98	11.06	11.16	11.07	0.82	ppb
Molybdenum	98-1	10.88	10.92	11.01	10.94	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.18	78.82	79.02	79.01	0.23	ppb
Phosphorus	31-2	742.58	764.21	742.00	749.60	1.69	ppb
Potassium	39-2	1989.72	1985.61	1979.20	1984.84	0.27	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	118.04	119.76	117.80	118.53	0.90	ppb
Selenium	77-2	121.81	122.25	120.84	121.63	0.59	ppb
Selenium	78-2	118.00	118.13	115.66	117.26	1.19	ppb
Silicon	28-1	552.46	561.34	565.04	559.62	1.16	ppb
Silver	107-1	6.22	6.29	6.25	6.25	0.57	ppb
Silver	109-1	6.12	6.28	6.25	6.22	1.35	ppb
Sodium	23-2	6011.35	5894.19	6053.92	5986.49	1.38	ppb
Strontium	86-1	1827.44	1873.43	1874.23	1858.37	1.44	ppb
Strontium	88-1	1861.14	1892.06	1864.67	1872.63	0.90	ppb
Sulfur	34-1	131.12	126.53	145.88	134.51	7.51	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	95.76	98.49	99.24	97.83	1.87	ppb
Thallium	205-1	96.97	102.69	100.89	100.18	2.92	ppb
Tin	118-1	72.46	74.16	74.26	73.63	1.37	ppb
Titanium	47-1	281.02	283.12	285.72	283.28	0.83	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:21:47	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.80	0.80	0.79	2.09	ppb
Vanadium	51-2	80.02	79.61	79.28	79.64	0.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2710.43	2701.38	2734.09	2715.30	0.62	ppb
Zirconium	90-1	3.00	3.08	3.05	3.04	1.29	ppb
Zirconium	91-1	3.25	3.24	3.24	3.24	0.08	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:24:47	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7979.76	7860.27	7824.90	7888.31	1.03	ppb
Antimony	121-1	10.36	10.44	10.37	10.39	0.42	ppb
Arsenic	75-2	18.20	18.93	18.07	18.40	2.51	ppb
Barium	135-1	184.21	183.98	185.36	184.52	0.40	ppb
Barium	137-1	186.28	188.05	187.48	187.27	0.48	ppb
Beryllium	9-1	1.25	1.29	1.29	1.28	2.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.04	7.08	6.45	6.86	5.14	ppb
Cadmium	106-1	5.82	5.34	4.26	5.14	15.56	ppb
Cadmium	111-1	5.98	5.94	5.93	5.95	0.50	ppb
Calcium	43-1	83337.44	83672.78	84897.15	83969.12	0.98	ppb
Calcium	44-1	82670.56	83128.71	82996.93	82932.07	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1232.40	1230.18	1228.76	1230.45	0.15	ppb
Cobalt	59-2	17.78	17.81	17.62	17.74	0.57	ppb
Copper	63-2	103.01	102.94	102.70	102.89	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	183867.95	183453.64	183584.27	183635.29	0.12	ppb
Iron	57-2	180005.01	180805.07	179413.37	180074.48	0.39	ppb
Iron	54-2	183370.13	184038.78	182821.78	183410.23	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:24:47	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	850.13	864.57	856.95	857.22	0.84	ppb
Lead	207-1	794.96	807.25	805.04	802.42	0.82	ppb
Lead	208-1	814.23	826.13	822.44	820.93	0.74	ppb
Lithium	6-1				96		%
Magnesium	24-2	14710.01	14940.40	14785.14	14811.85	0.79	ppb
Manganese	55-2	9693.21	9658.89	9636.96	9663.02	0.29	ppb
Molybdenum	94-1	24.98	25.34	25.18	25.17	0.71	ppb
Molybdenum	95-1	23.63	24.02	23.98	23.88	0.89	ppb
Molybdenum	96-1	24.68	25.24	25.37	25.10	1.45	ppb
Molybdenum	97-1	24.06	24.24	23.86	24.05	0.79	ppb
Molybdenum	98-1	23.50	23.88	23.91	23.76	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.77	456.16	454.51	455.81	0.26	ppb
Phosphorus	31-2	1289.80	1335.06	1316.37	1313.75	1.73	ppb
Potassium	39-2	1507.80	1503.62	1509.88	1507.10	0.21	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	82-1	1.49	1.06	1.23	1.26	17.28	ppb
Selenium	77-2	3.89	3.06	2.71	3.22	18.78	ppb
Selenium	78-2	-0.89	-0.13	0.28	-0.25		ppb
Silicon	28-1	727.98	730.32	733.98	730.76	0.41	ppb
Silver	107-1	3.14	3.12	3.14	3.14	0.31	ppb
Silver	109-1	3.18	3.18	3.12	3.16	1.17	ppb
Sodium	23-2	319.30	315.67	317.90	317.62	0.58	ppb
Strontium	86-1	3192.95	3259.19	3245.38	3232.51	1.08	ppb
Strontium	88-1	3246.44	3251.90	3252.56	3250.30	0.10	ppb
Sulfur	34-1	1290.05	1291.80	1308.40	1296.75	0.78	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	1.33	1.35	1.32	1.33	1.04	ppb
Thallium	205-1	1.32	1.36	1.34	1.34	1.53	ppb
Tin	118-1	10.94	10.86	10.79	10.86	0.72	ppb
Titanium	47-1	410.30	413.75	417.24	413.77	0.84	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:24:47	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.85	0.85	0.84	1.75	ppb
Vanadium	51-2	74.11	73.92	73.82	73.95	0.20	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	2325.57	2345.19	2364.65	2345.14	0.83	ppb
Zirconium	90-1	2.95	3.04	3.01	3.00	1.43	ppb
Zirconium	91-1	3.03	2.99	2.96	2.99	1.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:27:52	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7954.65	8062.19	8077.84	8031.56	0.84	ppb
Antimony	121-1	10.41	10.48	10.45	10.45	0.31	ppb
Arsenic	75-2	18.33	19.02	19.09	18.82	2.24	ppb
Barium	135-1	184.85	185.63	187.02	185.83	0.59	ppb
Barium	137-1	188.08	189.15	189.84	189.03	0.47	ppb
Beryllium	9-1	1.27	1.27	1.24	1.26	1.27	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.49	6.47	6.71	6.56	2.08	ppb
Cadmium	106-1	4.99	4.43	3.71	4.38	14.63	ppb
Cadmium	111-1	5.95	5.93	5.78	5.89	1.59	ppb
Calcium	43-1	84031.89	86057.11	85064.94	85051.31	1.19	ppb
Calcium	44-1	84011.29	85251.28	84154.80	84472.45	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1263.43	1269.05	1264.26	1265.58	0.24	ppb
Cobalt	59-2	18.35	18.17	18.27	18.26	0.50	ppb
Copper	63-2	106.00	105.97	105.71	105.90	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	56-2	187889.31	188440.59	187478.79	187936.23	0.26	ppb
Iron	57-2	187589.47	185103.90	185723.36	186138.91	0.70	ppb
Iron	54-2	187666.20	189340.93	188642.76	188549.97	0.45	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:27:52	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	868.49	879.34	891.48	879.77	1.31	ppb
Lead	207-1	822.22	827.92	823.12	824.42	0.37	ppb
Lead	208-1	838.08	844.65	848.27	843.66	0.61	ppb
Lithium	6-1				97		%
Magnesium	24-2	15142.59	15292.74	15162.17	15199.16	0.54	ppb
Manganese	55-2	9858.89	9939.11	9861.76	9886.59	0.46	ppb
Molybdenum	94-1	25.12	25.74	25.62	25.49	1.31	ppb
Molybdenum	95-1	24.02	24.87	24.61	24.50	1.78	ppb
Molybdenum	96-1	25.21	25.96	25.77	25.65	1.53	ppb
Molybdenum	97-1	24.13	24.63	24.54	24.43	1.10	ppb
Molybdenum	98-1	23.83	24.47	24.47	24.26	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.88	466.97	466.54	466.13	0.24	ppb
Phosphorus	31-2	1371.64	1310.81	1320.04	1334.16	2.46	ppb
Potassium	39-2	1541.04	1549.78	1529.77	1540.20	0.65	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	82-1	1.16	1.16	1.64	1.32	20.95	ppb
Selenium	77-2	5.97	3.70	2.82	4.16	39.10	ppb
Selenium	78-2	0.32	-0.66	0.44	0.03	1722.01	ppb
Silicon	28-1	735.37	745.75	738.38	739.83	0.72	ppb
Silver	107-1	3.17	3.13	3.21	3.17	1.19	ppb
Silver	109-1	3.16	3.17	3.14	3.16	0.40	ppb
Sodium	23-2	322.67	326.80	326.05	325.17	0.68	ppb
Strontium	86-1	3234.76	3301.83	3338.35	3291.65	1.60	ppb
Strontium	88-1	3274.97	3326.91	3335.24	3312.37	0.99	ppb
Sulfur	34-1	1040.58	1093.66	1035.66	1056.64	3.04	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	1.32	1.35	1.32	1.33	1.16	ppb
Thallium	205-1	1.32	1.32	1.32	1.32	0.23	ppb
Tin	118-1	10.83	10.85	10.89	10.86	0.27	ppb
Titanium	47-1	415.35	423.85	420.15	419.78	1.01	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:27:52	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.87	0.86	0.45	ppb
Vanadium	51-2	75.78	75.69	75.29	75.59	0.34	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	2425.22	2457.61	2420.79	2434.54	0.83	ppb
Zirconium	90-1	3.03	3.08	3.10	3.07	1.05	ppb
Zirconium	91-1	2.92	3.15	3.21	3.09	4.86	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:30:55	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1539.84	1544.63	1548.40	1544.29	0.28	ppb
Antimony	121-1	2.00	2.03	2.01	2.01	0.76	ppb
Arsenic	75-2	3.74	3.72	3.80	3.75	1.11	ppb
Barium	135-1	36.74	36.43	37.27	36.81	1.15	ppb
Barium	137-1	37.75	37.50	37.14	37.47	0.82	ppb
Beryllium	9-1	0.31	0.30	0.26	0.29	8.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.39	1.43	1.42	1.57	ppb
Cadmium	106-1	-0.95	-1.07	-1.25	-1.09		ppb
Cadmium	111-1	1.11	1.13	1.13	1.13	1.16	ppb
Calcium	43-1	17181.70	17351.88	17271.09	17268.22	0.49	ppb
Calcium	44-1	16545.12	16638.34	16620.31	16601.26	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	246.02	246.15	246.26	246.15	0.05	ppb
Cobalt	59-2	3.69	3.70	3.74	3.71	0.73	ppb
Copper	63-2	21.05	21.16	21.04	21.08	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				99		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	37446.77	37208.20	37023.59	37226.19	0.57	ppb
Iron	57-2	36765.63	36459.18	36410.38	36545.06	0.53	ppb
Iron	54-2	37371.51	37064.15	36815.52	37083.72	0.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:30:55	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	169.93	167.96	174.02	170.64	1.81	ppb
Lead	207-1	159.06	155.07	158.86	157.66	1.42	ppb
Lead	208-1	166.12	163.07	165.48	164.89	0.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	2964.34	2997.27	2990.92	2984.18	0.59	ppb
Manganese	55-2	1952.48	1942.13	1941.16	1945.26	0.32	ppb
Molybdenum	94-1	5.13	5.07	5.00	5.07	1.30	ppb
Molybdenum	95-1	4.92	4.98	4.98	4.96	0.66	ppb
Molybdenum	96-1	5.09	5.13	5.08	5.10	0.50	ppb
Molybdenum	97-1	4.87	4.96	4.68	4.84	2.90	ppb
Molybdenum	98-1	4.84	4.86	4.86	4.85	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.66	92.40	91.99	92.68	0.94	ppb
Phosphorus	31-2	247.91	238.90	253.82	246.88	3.04	ppb
Potassium	39-2	308.37	300.49	305.16	304.67	1.30	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				81		%
Scandium	45-2				79		%
Selenium	82-1	0.18	-0.03	0.00	0.05	219.25	ppb
Selenium	77-2	1.49	0.25	0.42	0.72	93.39	ppb
Selenium	78-2	-0.81	-1.48	-0.68	-0.99		ppb
Silicon	28-1	147.05	147.68	147.44	147.39	0.22	ppb
Silver	107-1	0.64	0.63	0.61	0.63	2.10	ppb
Silver	109-1	0.62	0.63	0.63	0.63	1.02	ppb
Sodium	23-2	78.16	77.83	77.43	77.81	0.47	ppb
Strontium	86-1	663.35	662.53	650.81	658.90	1.06	ppb
Strontium	88-1	664.70	668.14	666.87	666.57	0.26	ppb
Sulfur	34-1	-287.33	-216.96	-251.79	-252.03		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.43	0.42	0.43	0.43	2.22	ppb
Thallium	205-1	0.42	0.42	0.42	0.42	0.28	ppb
Tin	118-1	2.10	2.18	2.14	2.14	1.99	ppb
Titanium	47-1	82.87	83.37	82.80	83.01	0.37	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:30:55	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.17	0.16	3.33	ppb
Vanadium	51-2	14.86	14.73	14.95	14.85	0.75	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	488.74	482.38	486.90	486.01	0.67	ppb
Zirconium	90-1	0.57	0.59	0.57	0.58	1.57	ppb
Zirconium	91-1	0.63	0.59	0.55	0.59	6.24	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:34:08	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8158.02	8057.37	7999.08	8071.49	1.00	ppb
Antimony	121-1	9.68	9.94	10.50	10.04	4.22	ppb
Arsenic	75-2	224.39	225.41	228.22	226.01	0.88	ppb
Barium	135-1	551.87	573.28	603.44	576.20	4.50	ppb
Barium	137-1	559.36	579.46	605.49	581.44	3.98	ppb
Beryllium	9-1	10.84	11.34	11.37	11.18	2.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.95	95.83	104.96	98.58	5.62	ppb
Cadmium	106-1	89.87	90.10	97.82	92.60	4.89	ppb
Cadmium	111-1	103.17	106.64	112.69	107.50	4.48	ppb
Calcium	43-1	78547.76	80674.92	86181.21	81801.30	4.82	ppb
Calcium	44-1	78832.33	80843.64	85618.60	81764.86	4.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1243.20	1250.54	1242.11	1245.29	0.37	ppb
Cobalt	59-2	120.65	122.00	122.41	121.69	0.76	ppb
Copper	63-2	149.38	151.60	150.88	150.62	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				100		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	180310.38	179983.36	181044.30	180446.01	0.30	ppb
Iron	57-2	175245.19	177724.60	178989.15	177319.65	1.07	ppb
Iron	54-2	181024.75	179170.00	180572.00	180255.58	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:34:08	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1021.62	1031.74	1128.00	1060.45	5.54	ppb
Lead	207-1	950.03	977.22	1048.26	991.84	5.11	ppb
Lead	208-1	972.46	997.71	1068.94	1013.04	4.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	14465.82	14510.60	14492.61	14489.68	0.16	ppb
Manganese	55-2	9541.64	9543.09	9619.67	9568.13	0.47	ppb
Molybdenum	94-1	25.25	26.35	27.73	26.44	4.69	ppb
Molybdenum	95-1	24.81	25.24	27.30	25.78	5.16	ppb
Molybdenum	96-1	25.63	26.35	28.37	26.78	5.30	ppb
Molybdenum	97-1	24.58	25.56	27.23	25.79	5.19	ppb
Molybdenum	98-1	24.36	24.88	26.93	25.39	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.49	553.54	552.85	551.63	0.50	ppb
Phosphorus	31-2	1283.66	1315.50	1309.13	1302.76	1.29	ppb
Potassium	39-2	1457.09	1465.00	1456.83	1459.64	0.32	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				82		%
Scandium	45-2				79		%
Selenium	82-1	215.32	221.70	237.19	224.73	5.00	ppb
Selenium	77-2	214.57	224.22	221.18	219.99	2.24	ppb
Selenium	78-2	217.24	226.14	216.16	219.84	2.49	ppb
Silicon	28-1	686.34	700.97	758.96	715.42	5.37	ppb
Silver	107-1	12.33	12.82	13.58	12.91	4.88	ppb
Silver	109-1	12.43	12.81	13.63	12.96	4.70	ppb
Sodium	23-2	306.12	310.78	307.49	308.13	0.78	ppb
Strontium	86-1	3050.93	3148.02	3371.75	3190.23	5.16	ppb
Strontium	88-1	3097.74	3192.39	3377.79	3222.64	4.42	ppb
Sulfur	34-1	805.58	830.45	1208.38	948.14	23.81	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	189.60	191.48	207.59	196.22	5.04	ppb
Thallium	205-1	188.00	188.65	209.00	195.22	6.12	ppb
Tin	118-1	9.96	10.34	10.96	10.42	4.84	ppb
Titanium	47-1	393.50	401.59	428.60	407.90	4.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:34:08	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.81	0.89	0.83	5.81	ppb
Vanadium	51-2	171.90	172.96	173.18	172.68	0.40	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	2443.37	2461.69	2432.70	2445.92	0.60	ppb
Zirconium	90-1	2.85	2.93	3.15	2.98	5.33	ppb
Zirconium	91-1	2.87	2.94	3.24	3.01	6.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:37:08	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3731.69	3749.98	3736.04	3739.24	0.26	ppb
Antimony	121-1	5.00	5.08	4.98	5.02	1.00	ppb
Arsenic	75-2	8.93	9.29	8.59	8.94	3.93	ppb
Barium	135-1	89.12	89.08	88.62	88.94	0.31	ppb
Barium	137-1	90.80	90.81	90.08	90.56	0.46	ppb
Beryllium	9-1	0.62	0.64	0.70	0.65	6.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.00	3.29	3.12	3.14	4.57	ppb
Cadmium	106-1	1.06	0.72	1.04	0.94	19.88	ppb
Cadmium	111-1	2.88	2.73	2.71	2.77	3.25	ppb
Calcium	43-1	42213.34	41689.27	42375.59	42092.73	0.85	ppb
Calcium	44-1	40541.98	39863.79	40911.24	40439.00	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	614.41	616.43	608.64	613.16	0.66	ppb
Cobalt	59-2	8.84	8.56	8.75	8.72	1.62	ppb
Copper	63-2	51.00	50.95	51.21	51.05	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				100		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	90266.18	90628.77	90862.34	90585.76	0.33	ppb
Iron	57-2	89595.09	89118.57	89282.11	89331.92	0.27	ppb
Iron	54-2	90267.94	90253.05	90521.72	90347.57	0.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:37:08	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	424.81	425.24	423.96	424.67	0.15	ppb
Lead	207-1	398.88	395.59	402.54	399.01	0.87	ppb
Lead	208-1	406.03	405.84	405.90	405.93	0.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	7352.33	7350.30	7238.66	7313.77	0.89	ppb
Manganese	55-2	4776.95	4753.22	4817.63	4782.60	0.68	ppb
Molybdenum	94-1	12.25	12.48	12.39	12.37	0.92	ppb
Molybdenum	95-1	11.83	11.75	11.83	11.80	0.39	ppb
Molybdenum	96-1	12.52	12.53	12.38	12.48	0.67	ppb
Molybdenum	97-1	11.80	11.67	12.00	11.82	1.40	ppb
Molybdenum	98-1	11.71	11.75	11.74	11.73	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	224.28	224.24	226.10	224.88	0.47	ppb
Phosphorus	31-2	613.41	605.07	619.72	612.73	1.20	ppb
Potassium	39-2	730.32	726.20	736.65	731.06	0.72	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	82-1	0.24	0.68	-0.08	0.28	135.44	ppb
Selenium	77-2	1.15	2.57	2.94	2.22	42.64	ppb
Selenium	78-2	-0.17	-0.68	-1.24	-0.70		ppb
Silicon	28-1	360.85	347.90	357.55	355.44	1.89	ppb
Silver	107-1	1.53	1.53	1.51	1.52	0.87	ppb
Silver	109-1	1.54	1.51	1.52	1.52	1.10	ppb
Sodium	23-2	161.38	163.22	163.23	162.61	0.66	ppb
Strontium	86-1	1607.21	1612.89	1590.72	1603.61	0.72	ppb
Strontium	88-1	1609.87	1612.38	1611.92	1611.39	0.08	ppb
Sulfur	34-1	145.07	56.06	145.15	115.43	44.54	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.69	0.70	0.68	0.69	1.64	ppb
Thallium	205-1	0.68	0.65	0.66	0.67	2.72	ppb
Tin	118-1	5.19	5.13	5.20	5.17	0.72	ppb
Titanium	47-1	200.49	199.64	204.37	201.50	1.25	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:37:08	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.42	0.41	0.41	1.42	ppb
Vanadium	51-2	36.02	35.64	35.76	35.81	0.54	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	1176.41	1176.24	1180.81	1177.82	0.22	ppb
Zirconium	90-1	1.49	1.51	1.46	1.49	1.62	ppb
Zirconium	91-1	1.48	1.48	1.44	1.47	1.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:40:17	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3834.20	3836.69	3855.86	3842.25	0.31	ppb
Antimony	121-1	4.59	5.14	5.03	4.92	5.90	ppb
Arsenic	75-2	9.29	9.39	8.96	9.21	2.48	ppb
Barium	135-1	81.24	90.30	89.84	87.13	5.86	ppb
Barium	137-1	82.32	91.80	91.33	88.49	6.04	ppb
Beryllium	9-1	0.54	0.60	0.66	0.60	10.08	ppb
Bismuth	209-1				111		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.74	3.02	3.15	2.97	7.05	ppb
Cadmium	106-1	0.55	1.49	0.71	0.92	54.97	ppb
Cadmium	111-1	2.51	2.87	2.80	2.73	6.94	ppb
Calcium	43-1	38058.59	42111.57	43517.29	41229.15	6.87	ppb
Calcium	44-1	36565.61	41580.55	41538.78	39894.98	7.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	625.60	630.60	619.99	625.40	0.85	ppb
Cobalt	59-2	8.99	9.08	9.16	9.08	0.93	ppb
Copper	63-2	52.25	52.40	52.15	52.26	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				103		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	93332.37	93299.79	93985.73	93539.29	0.41	ppb
Iron	57-2	92437.33	92577.32	91766.35	92260.33	0.47	ppb
Iron	54-2	93183.71	93134.99	93154.38	93157.70	0.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:40:17	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	390.50	427.03	427.77	415.10	5.13	ppb
Lead	207-1	366.35	402.18	402.88	390.47	5.35	ppb
Lead	208-1	374.83	410.79	412.09	399.24	5.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	7570.00	7552.93	7563.52	7562.15	0.11	ppb
Manganese	55-2	4926.92	4902.98	4922.78	4917.56	0.26	ppb
Molybdenum	94-1	11.33	12.72	12.64	12.23	6.37	ppb
Molybdenum	95-1	10.83	12.07	12.00	11.63	5.99	ppb
Molybdenum	96-1	11.22	12.73	12.84	12.26	7.37	ppb
Molybdenum	97-1	10.99	12.10	12.29	11.79	5.95	ppb
Molybdenum	98-1	10.77	12.09	12.16	11.67	6.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	231.21	230.84	233.43	231.83	0.60	ppb
Phosphorus	31-2	658.55	651.73	658.67	656.32	0.60	ppb
Potassium	39-2	753.68	749.26	754.12	752.35	0.36	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				83		%
Scandium	45-2				77		%
Selenium	82-1	0.63	0.21	0.43	0.43	49.51	ppb
Selenium	77-2	3.09	1.52	0.98	1.86	59.04	ppb
Selenium	78-2	-0.48	-1.69	-0.03	-0.74		ppb
Silicon	28-1	314.60	363.90	359.96	346.15	7.91	ppb
Silver	107-1	1.38	1.53	1.55	1.49	6.13	ppb
Silver	109-1	1.33	1.54	1.56	1.48	8.38	ppb
Sodium	23-2	166.81	169.03	165.29	167.04	1.13	ppb
Strontium	86-1	1451.48	1628.16	1636.38	1572.01	6.64	ppb
Strontium	88-1	1476.18	1658.69	1626.53	1587.13	6.14	ppb
Sulfur	34-1	-327.46	139.57	123.95	-21.32		ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	0.60	0.63	0.66	0.63	4.90	ppb
Thallium	205-1	0.60	0.64	0.69	0.64	7.33	ppb
Tin	118-1	4.70	5.32	5.29	5.10	6.84	ppb
Titanium	47-1	184.18	208.90	207.42	200.17	6.93	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:40:17	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.42	0.42	0.41	4.85	ppb
Vanadium	51-2	37.35	37.13	37.04	37.17	0.43	ppb
Yttrium	89-1				94		%
Yttrium	89-2				86		%
Zinc	66-2	1212.65	1205.82	1206.55	1208.34	0.31	ppb
Zirconium	90-1	1.32	1.51	1.47	1.43	7.18	ppb
Zirconium	91-1	1.33	1.45	1.54	1.44	7.21	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LDLX10	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:43:24	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	757.92	759.78	764.33	760.68	0.43	ppb
Antimony	121-1	0.98	0.99	0.98	0.98	0.44	ppb
Arsenic	75-2	1.95	1.83	1.87	1.88	3.13	ppb
Barium	135-1	17.99	17.84	17.64	17.82	0.99	ppb
Barium	137-1	17.99	18.06	18.20	18.08	0.60	ppb
Beryllium	9-1	0.13	0.16	0.12	0.14	13.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.71	0.83	0.59	0.71	16.49	ppb
Cadmium	106-1	-1.36	-2.17	-2.01	-1.85		ppb
Cadmium	111-1	0.48	0.31	0.41	0.40	20.58	ppb
Calcium	43-1	8409.96	8541.11	8581.62	8510.90	1.05	ppb
Calcium	44-1	8140.29	8250.58	8157.30	8182.72	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.05	121.67	121.44	121.72	0.26	ppb
Cobalt	59-2	1.80	1.78	1.77	1.78	0.80	ppb
Copper	63-2	10.39	10.28	10.36	10.35	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				98		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	18438.99	18289.85	18383.94	18370.92	0.41	ppb
Iron	57-2	18107.04	18154.25	18250.08	18170.45	0.40	ppb
Iron	54-2	18434.03	18452.33	18325.35	18403.90	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LDLX10	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:43:24	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.84	84.72	83.38	83.65	1.16	ppb
Lead	207-1	77.08	78.05	77.50	77.54	0.63	ppb
Lead	208-1	78.97	80.32	79.29	79.53	0.89	ppb
Lithium	6-1				92		%
Magnesium	24-2	1426.04	1425.59	1433.74	1428.45	0.32	ppb
Manganese	55-2	967.62	960.25	974.71	967.52	0.75	ppb
Molybdenum	94-1	2.46	2.47	2.43	2.45	0.90	ppb
Molybdenum	95-1	2.47	2.40	2.35	2.41	2.57	ppb
Molybdenum	96-1	2.51	2.48	2.46	2.48	1.05	ppb
Molybdenum	97-1	2.43	2.40	2.33	2.39	2.09	ppb
Molybdenum	98-1	2.43	2.34	2.36	2.38	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.50	46.38	45.55	45.81	1.08	ppb
Phosphorus	31-2	119.64	104.85	102.34	108.94	8.58	ppb
Potassium	39-2	149.85	151.81	150.49	150.72	0.66	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				79		%
Scandium	45-2				77		%
Selenium	82-1	-0.41	-0.48	-0.22	-0.37		ppb
Selenium	77-2	0.99	0.63	0.08	0.57	81.41	ppb
Selenium	78-2	-0.80	-0.01	-1.58	-0.79		ppb
Silicon	28-1	73.22	75.21	74.85	74.43	1.42	ppb
Silver	107-1	0.29	0.31	0.28	0.29	4.01	ppb
Silver	109-1	0.29	0.29	0.31	0.30	3.71	ppb
Sodium	23-2	43.00	43.00	44.02	43.34	1.36	ppb
Strontium	86-1	327.63	326.96	322.59	325.73	0.84	ppb
Strontium	88-1	328.38	325.72	326.53	326.88	0.42	ppb
Sulfur	34-1	-473.82	-392.90	-428.45	-431.73		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.11	0.12	0.11	0.12	5.04	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	2.35	ppb
Tin	118-1	1.00	1.04	1.01	1.02	1.81	ppb
Titanium	47-1	41.00	41.18	40.95	41.04	0.29	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LDLX10	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:43:24	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.08	0.08	0.08	2.50	ppb
Vanadium	51-2	7.26	7.23	7.38	7.29	1.13	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%
Zinc	66-2	239.64	243.07	240.30	241.01	0.76	ppb
Zirconium	90-1	0.26	0.27	0.28	0.27	2.79	ppb
Zirconium	91-1	0.29	0.27	0.26	0.27	5.09	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:46:38	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4006.81	4003.94	4049.12	4019.96	0.63	ppb
Antimony	121-1	4.99	5.07	5.05	5.04	0.87	ppb
Arsenic	75-2	117.15	117.44	116.48	117.02	0.42	ppb
Barium	135-1	285.00	290.84	284.06	286.63	1.28	ppb
Barium	137-1	288.84	294.71	290.68	291.41	1.03	ppb
Beryllium	9-1	5.45	5.81	5.91	5.72	4.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	50.55	49.57	48.50	49.54	2.07	ppb
Cadmium	106-1	46.52	47.25	45.75	46.51	1.61	ppb
Cadmium	111-1	55.27	55.96	54.20	55.14	1.60	ppb
Calcium	43-1	42696.39	41147.73	43258.71	42367.61	2.58	ppb
Calcium	44-1	40980.19	41488.62	41710.48	41393.10	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	641.67	636.07	646.58	641.44	0.82	ppb
Cobalt	59-2	63.30	63.02	63.79	63.37	0.62	ppb
Copper	63-2	78.31	77.92	78.64	78.29	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				100		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	92299.90	92545.32	93119.33	92654.85	0.45	ppb
Iron	57-2	91016.46	91629.37	91822.26	91489.36	0.46	ppb
Iron	54-2	92357.24	92603.73	93471.13	92810.70	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:46:38	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	530.77	537.91	534.74	534.47	0.67	ppb
Lead	207-1	495.39	503.17	499.57	499.37	0.78	ppb
Lead	208-1	504.84	513.70	509.78	509.44	0.87	ppb
Lithium	6-1				95		%
Magnesium	24-2	7497.25	7485.77	7451.55	7478.19	0.32	ppb
Manganese	55-2	4913.55	4944.92	4914.86	4924.44	0.36	ppb
Molybdenum	94-1	13.26	13.53	13.61	13.47	1.37	ppb
Molybdenum	95-1	13.07	13.13	13.10	13.10	0.24	ppb
Molybdenum	96-1	13.60	13.69	13.85	13.71	0.91	ppb
Molybdenum	97-1	13.06	13.07	13.29	13.14	0.98	ppb
Molybdenum	98-1	12.87	13.22	13.10	13.06	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	282.58	283.80	288.30	284.89	1.06	ppb
Phosphorus	31-2	608.32	643.80	647.03	633.05	3.39	ppb
Potassium	39-2	749.91	747.43	755.34	750.89	0.54	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	82-1	114.51	115.76	115.95	115.40	0.68	ppb
Selenium	77-2	117.23	114.90	104.41	112.18	6.09	ppb
Selenium	78-2	113.95	113.45	112.12	113.18	0.84	ppb
Silicon	28-1	350.10	361.20	356.65	355.98	1.57	ppb
Silver	107-1	6.50	6.67	6.62	6.60	1.29	ppb
Silver	109-1	6.55	6.69	6.56	6.60	1.22	ppb
Sodium	23-2	165.76	164.04	165.43	165.08	0.55	ppb
Strontium	86-1	1624.60	1644.99	1644.38	1637.99	0.71	ppb
Strontium	88-1	1652.80	1639.72	1648.91	1647.14	0.41	ppb
Sulfur	34-1	140.57	170.51	172.08	161.05	11.03	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	95.57	99.50	97.93	97.67	2.02	ppb
Thallium	205-1	99.35	101.84	100.49	100.56	1.24	ppb
Tin	118-1	5.17	5.30	5.17	5.21	1.44	ppb
Titanium	47-1	202.83	206.22	208.66	205.90	1.42	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:46:38	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.43	0.43	0.42	2.73	ppb
Vanadium	51-2	88.77	88.71	89.61	89.03	0.56	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	1245.92	1251.18	1264.80	1253.97	0.78	ppb
Zirconium	90-1	1.46	1.48	1.50	1.48	1.34	ppb
Zirconium	91-1	1.59	1.45	1.55	1.53	4.66	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:49:43	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3317.82	3312.55	3309.32	3313.23	0.13	ppb
Antimony	121-1	110.91	112.16	112.83	111.97	0.87	ppb
Arsenic	75-2	500.38	502.06	501.00	501.15	0.17	ppb
Barium	135-1	61.83	62.25	62.68	62.25	0.68	ppb
Barium	137-1	62.98	63.72	63.13	63.28	0.62	ppb
Beryllium	9-1	0.14	0.17	0.13	0.15	12.49	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.12	1.13	1.04	1.09	4.27	ppb
Cadmium	106-1	-1.01	-0.75	-1.17	-0.98		ppb
Cadmium	111-1	0.41	0.47	0.45	0.44	7.58	ppb
Calcium	43-1	3852.53	3841.33	3804.21	3832.69	0.66	ppb
Calcium	44-1	3705.22	3646.31	3618.91	3656.81	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.41	9.49	9.44	9.45	0.47	ppb
Cobalt	59-2	45.01	45.48	44.76	45.08	0.81	ppb
Copper	63-2	244.86	245.78	244.76	245.13	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	25533.99	25609.89	25406.08	25516.65	0.40	ppb
Iron	57-2	25114.55	25380.53	25114.14	25203.08	0.61	ppb
Iron	54-2	25465.79	25357.41	25508.11	25443.77	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:49:43	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	389.66	394.95	398.32	394.31	1.11	ppb
Lead	207-1	387.97	392.41	390.67	390.35	0.57	ppb
Lead	208-1	388.76	391.68	389.92	390.12	0.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	1917.87	1898.87	1899.16	1905.30	0.57	ppb
Manganese	55-2	194.58	193.13	193.43	193.72	0.39	ppb
Molybdenum	94-1	8.03	7.98	7.91	7.98	0.74	ppb
Molybdenum	95-1	6.75	6.65	6.78	6.73	1.02	ppb
Molybdenum	96-1	7.03	7.03	7.10	7.06	0.58	ppb
Molybdenum	97-1	6.91	6.84	6.79	6.85	0.87	ppb
Molybdenum	98-1	6.73	6.84	6.79	6.79	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.50	11.45	11.47	11.47	0.22	ppb
Phosphorus	31-2	334.68	291.12	329.31	318.37	7.46	ppb
Potassium	39-2	1017.58	1022.46	1011.01	1017.02	0.57	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				80		%
Scandium	45-2				80		%
Selenium	82-1	0.06	0.01	-0.05	0.01	812.25	ppb
Selenium	77-2	1.51	0.79	1.14	1.15	31.69	ppb
Selenium	78-2	-0.31	-0.86	-0.22	-0.47		ppb
Silicon	28-1	278.61	279.67	279.77	279.35	0.23	ppb
Silver	107-1	0.65	0.67	0.63	0.65	2.74	ppb
Silver	109-1	0.64	0.63	0.63	0.64	1.24	ppb
Sodium	23-2	2411.87	2432.88	2401.27	2415.34	0.67	ppb
Strontium	86-1	796.69	794.42	781.49	790.87	1.04	ppb
Strontium	88-1	793.51	797.90	797.38	796.26	0.30	ppb
Sulfur	34-1	-205.00	-187.85	-215.29	-202.71		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.14	0.16	0.14	0.15	7.72	ppb
Thallium	205-1	0.15	0.16	0.16	0.15	1.91	ppb
Tin	118-1	50.32	50.50	50.80	50.54	0.48	ppb
Titanium	47-1	150.78	150.62	151.59	151.00	0.34	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:49:43	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.47	0.46	0.46	1.00	ppb
Vanadium	51-2	11.76	12.08	11.88	11.90	1.35	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	1862.69	1860.80	1850.34	1857.94	0.36	ppb
Zirconium	90-1	1.34	1.35	1.38	1.36	1.79	ppb
Zirconium	91-1	1.46	1.51	1.42	1.46	3.01	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:52:54	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48536.34	48906.78	48508.92	48650.68	0.46	ppb
Antimony	121-1	470.40	494.62	491.65	485.55	2.72	ppb
Arsenic	75-2	496.49	500.29	502.12	499.63	0.57	ppb
Barium	135-1	2323.04	2479.10	2428.12	2410.09	3.30	ppb
Barium	137-1	2329.58	2491.01	2433.71	2418.10	3.38	ppb
Beryllium	9-1	467.41	500.74	496.92	488.36	3.74	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	452.92	483.96	478.37	471.75	3.51	ppb
Cadmium	106-1	457.89	485.05	479.47	474.14	3.03	ppb
Cadmium	111-1	451.23	479.15	470.14	466.84	3.05	ppb
Calcium	43-1	244214.65	255533.92	253785.66	251178.08	2.43	ppb
Calcium	44-1	242515.72	256043.55	253132.83	250564.04	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.23	497.64	505.29	502.39	0.83	ppb
Cobalt	59-2	501.50	500.06	500.74	500.77	0.14	ppb
Copper	63-2	4891.53	4929.03	4876.96	4899.17	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				98		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	127336.18	128031.39	128086.55	127818.04	0.33	ppb
Iron	57-2	126272.15	125795.85	126107.42	126058.47	0.19	ppb
Iron	54-2	127545.26	127844.72	127154.62	127514.87	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:52:54	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2411.10	2544.79	2501.04	2485.64	2.74	ppb
Lead	207-1	2387.07	2514.34	2486.26	2462.55	2.72	ppb
Lead	208-1	2393.46	2515.70	2488.07	2465.74	2.60	ppb
Lithium	6-1				91		%
Magnesium	24-2	237489.04	237466.24	235466.08	236807.12	0.49	ppb
Manganese	55-2	4993.46	4981.26	4984.95	4986.56	0.13	ppb
Molybdenum	94-1	4882.50	5050.39	4976.52	4969.80	1.69	ppb
Molybdenum	95-1	4845.82	5074.33	4984.53	4968.23	2.32	ppb
Molybdenum	96-1	4888.78	5056.04	4999.21	4981.34	1.71	ppb
Molybdenum	97-1	4816.55	5056.49	4998.91	4957.32	2.53	ppb
Molybdenum	98-1	4787.18	5010.33	4975.61	4924.37	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.18	484.37	485.39	484.32	0.23	ppb
Phosphorus	31-2	10085.49	10223.29	10106.50	10138.43	0.73	ppb
Potassium	39-2	120439.92	121563.28	120308.71	120770.64	0.57	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				79		%
Scandium	45-2				79		%
Selenium	82-1	447.72	475.00	465.39	462.70	2.99	ppb
Selenium	77-2	450.97	472.43	480.47	467.96	3.26	ppb
Selenium	78-2	475.67	476.33	477.51	476.50	0.20	ppb
Silicon	28-1	237.63	251.10	247.86	245.53	2.86	ppb
Silver	107-1	460.73	476.19	465.28	467.40	1.70	ppb
Silver	109-1	460.04	484.08	475.07	473.06	2.57	ppb
Sodium	23-2	244734.69	248103.52	248050.60	246962.93	0.78	ppb
Strontium	86-1	11996.46	12626.44	12192.01	12271.63	2.63	ppb
Strontium	88-1	11859.03	12462.94	12389.96	12237.31	2.69	ppb
Sulfur	34-1	9273.70	9924.23	9878.51	9692.15	3.75	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	481.75	502.84	502.80	495.80	2.45	ppb
Thallium	205-1	486.04	507.64	494.69	496.12	2.19	ppb
Tin	118-1	463.60	496.25	488.06	482.64	3.52	ppb
Titanium	47-1	4779.62	5008.15	4965.98	4917.92	2.47	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:52:54	DataFile Name :	135CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	479.84	505.85	499.03	494.90	2.72	ppb
Vanadium	51-2	507.30	505.12	502.68	505.03	0.46	ppb
Yttrium	89-1				88		%
Yttrium	89-2				84		%
Zinc	66-2	4885.71	4943.95	4941.03	4923.57	0.67	ppb
Zirconium	90-1	477.35	501.29	497.28	491.97	2.61	ppb
Zirconium	91-1	485.15	498.79	496.03	493.32	1.46	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:55:35	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.18	2.64	2.68	2.84	10.47	ppb
Antimony	121-1	0.26	0.23	0.21	0.23	8.98	ppb
Arsenic	75-2	0.04	0.08	0.02	0.05	67.53	ppb
Barium	135-1	0.31	0.27	0.22	0.27	16.74	ppb
Barium	137-1	0.33	0.27	0.20	0.27	23.36	ppb
Beryllium	9-1	0.12	0.12	0.10	0.11	9.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.04	-0.01	0.05	130.79	ppb
Cadmium	106-1	-2.65	-2.05	-2.93	-2.55		ppb
Cadmium	111-1	-0.13	-0.08	-0.15	-0.12		ppb
Calcium	43-1	32.25	23.88	23.95	26.69	18.03	ppb
Calcium	44-1	32.17	26.20	21.29	26.55	20.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	6.18	ppb
Copper	63-2	0.29	0.29	0.26	0.28	6.41	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				98		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	9.64	8.76	7.90	8.77	9.91	ppb
Iron	57-2	8.51	7.49	5.46	7.15	21.69	ppb
Iron	54-2	9.92	8.39	9.02	9.11	8.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:55:35	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.35	0.31	0.27	0.31	13.77	ppb
Lead	207-1	0.35	0.30	0.28	0.31	11.81	ppb
Lead	208-1	0.35	0.30	0.26	0.31	14.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	16.20	14.69	12.98	14.62	11.03	ppb
Manganese	55-2	0.39	0.36	0.33	0.36	7.65	ppb
Molybdenum	94-1	0.86	0.74	0.69	0.76	11.54	ppb
Molybdenum	95-1	0.80	0.62	0.58	0.67	17.79	ppb
Molybdenum	96-1	0.74	0.67	0.57	0.66	12.93	ppb
Molybdenum	97-1	0.81	0.66	0.59	0.68	16.13	ppb
Molybdenum	98-1	0.81	0.60	0.57	0.66	19.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.01	0.02	88.56	ppb
Phosphorus	31-2	-21.25	-21.27	-20.41	-20.98		ppb
Potassium	39-2	18.29	16.29	12.23	15.60	19.77	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	0.03	-0.31	-0.15	-0.15		ppb
Selenium	77-2	-0.10	-0.10	0.25	0.01	1551.71	ppb
Selenium	78-2	-1.69	-1.45	-1.03	-1.39		ppb
Silicon	28-1	-3.76	-3.71	-3.41	-3.62		ppb
Silver	107-1	0.10	0.08	0.08	0.09	14.71	ppb
Silver	109-1	0.11	0.09	0.08	0.09	16.08	ppb
Sodium	23-2	36.46	34.07	32.08	34.20	6.41	ppb
Strontium	86-1	1.27	0.90	0.19	0.78	70.11	ppb
Strontium	88-1	1.69	1.25	1.09	1.34	23.26	ppb
Sulfur	34-1	-274.52	-211.31	-211.86	-232.56		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.11	0.09	0.10	11.95	ppb
Thallium	205-1	0.12	0.11	0.09	0.11	13.42	ppb
Tin	118-1	0.07	0.05	0.04	0.05	36.96	ppb
Titanium	47-1	0.72	0.49	0.43	0.55	27.96	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:55:35	DataFile Name :	136CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.04	0.05	25.88	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	14.08	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	0.46	0.54	0.45	0.48	9.84	ppb
Zirconium	90-1	0.13	0.12	0.12	0.12	7.96	ppb
Zirconium	91-1	0.13	0.13	0.14	0.13	2.35	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:58:54	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26895.13	27053.13	27247.26	27065.18	0.65	ppb
Antimony	121-1	23.45	23.60	23.90	23.65	0.96	ppb
Arsenic	75-2	181.47	183.95	189.97	185.13	2.36	ppb
Barium	135-1	111.26	111.70	112.10	111.69	0.38	ppb
Barium	137-1	113.39	113.04	114.29	113.57	0.57	ppb
Beryllium	9-1	0.74	0.67	0.69	0.70	5.01	ppb
Bismuth	209-1				127		%
Bismuth	209-2				114		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.83	3.34	3.47	3.55	7.17	ppb
Cadmium	106-1	2.93	2.86	2.52	2.77	7.75	ppb
Cadmium	111-1	2.40	2.47	2.58	2.48	3.62	ppb
Calcium	43-1	22019.00	22133.34	21937.37	22029.90	0.45	ppb
Calcium	44-1	20988.50	21351.81	20896.46	21078.92	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.37	112.90	113.82	113.03	0.65	ppb
Cobalt	59-2	32.82	32.89	32.79	32.83	0.16	ppb
Copper	63-2	1751.47	1777.18	1783.64	1770.76	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				105		%
Iron	56-2	56708.50	57299.15	57092.10	57033.25	0.53	ppb
Iron	57-2	55916.41	56285.63	56384.31	56195.45	0.44	ppb
Iron	54-2	56184.07	56576.06	57102.36	56620.83	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:58:54	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	232.09	233.21	229.00	231.43	0.94	ppb
Lead	207-1	236.01	235.13	232.31	234.48	0.82	ppb
Lead	208-1	232.48	232.34	230.23	231.68	0.54	ppb
Lithium	6-1				117		%
Magnesium	24-2	18352.22	18391.11	18616.87	18453.40	0.77	ppb
Manganese	55-2	557.76	560.50	559.67	559.31	0.25	ppb
Molybdenum	94-1	32.93	33.48	33.31	33.24	0.85	ppb
Molybdenum	95-1	12.58	12.65	12.77	12.67	0.76	ppb
Molybdenum	96-1	15.10	15.16	15.22	15.16	0.40	ppb
Molybdenum	97-1	12.73	12.92	12.72	12.79	0.86	ppb
Molybdenum	98-1	12.58	12.76	12.64	12.66	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.17	93.23	93.26	92.89	0.67	ppb
Phosphorus	31-2	4318.84	4323.44	4342.74	4328.34	0.29	ppb
Potassium	39-2	5471.96	5507.99	5501.86	5493.94	0.35	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	1.72	2.45	2.10	2.09	17.44	ppb
Selenium	77-2	19.28	20.47	17.45	19.07	7.98	ppb
Selenium	78-2	4.04	1.77	2.62	2.81	40.90	ppb
Silicon	28-1	1722.72	1705.87	1688.02	1705.54	1.02	ppb
Silver	107-1	3.41	3.39	3.36	3.38	0.67	ppb
Silver	109-1	3.38	3.35	3.37	3.37	0.49	ppb
Sodium	23-2	31878.00	31925.86	32061.67	31955.18	0.30	ppb
Strontium	86-1	3794.40	3841.18	3843.90	3826.49	0.73	ppb
Strontium	88-1	3829.11	3936.83	3876.15	3880.70	1.39	ppb
Sulfur	34-1	16360.45	16523.72	16146.61	16343.59	1.16	ppb
Terbium	159-1				121		%
Terbium	159-2				112		%
Thallium	203-1	1.47	1.44	1.44	1.45	1.44	ppb
Thallium	205-1	1.45	1.45	1.42	1.44	1.08	ppb
Tin	118-1	15.77	15.76	15.84	15.79	0.25	ppb
Titanium	47-1	2178.83	2183.45	2173.28	2178.52	0.23	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:58:54	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	10.54	10.70	10.53	10.59	0.92	ppb
Vanadium	51-2	118.83	119.99	121.01	119.94	0.91	ppb
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	649.88	653.50	654.74	652.71	0.39	ppb
Zirconium	90-1	12.46	12.66	12.66	12.60	0.92	ppb
Zirconium	91-1	12.58	12.69	12.72	12.66	0.58	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:01:54	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44069.56	43817.93	43944.47	43943.99	0.29	ppb
Antimony	121-1	409.90	430.05	424.38	421.44	2.47	ppb
Arsenic	75-2	2100.97	2052.67	2062.26	2071.97	1.23	ppb
Barium	135-1	920.78	959.19	945.40	941.79	2.07	ppb
Barium	137-1	936.45	953.26	956.38	948.70	1.13	ppb
Beryllium	9-1	1.13	1.18	1.15	1.15	2.36	ppb
Bismuth	209-1				133		%
Bismuth	209-2				120		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.25	16.35	16.57	16.06	4.41	ppb
Cadmium	106-1	14.94	15.52	14.82	15.10	2.48	ppb
Cadmium	111-1	12.52	12.92	12.79	12.74	1.61	ppb
Calcium	43-1	30973.76	31669.46	32086.89	31576.71	1.78	ppb
Calcium	44-1	30637.17	31942.42	31477.41	31352.34	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.65	166.13	167.03	166.27	0.42	ppb
Cobalt	59-2	179.57	181.19	182.09	180.95	0.71	ppb
Copper	63-2	28245.85	28537.92	28616.01	28466.60	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				122		%
Holmium	165-2				112		%
Indium	115-1				121		%
Indium	115-2				109		%
Iron	56-2	184657.20	184368.24	184302.75	184442.73	0.10	ppb
Iron	57-2	182930.81	181626.42	182846.38	182467.87	0.40	ppb
Iron	54-2	183660.91	184491.47	183848.79	184000.39	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:01:54	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2414.99	2477.99	2498.91	2463.96	1.77	ppb
Lead	207-1	2393.84	2422.76	2441.34	2419.31	0.99	ppb
Lead	208-1	2398.77	2441.31	2467.75	2435.95	1.43	ppb
Lithium	6-1				116		%
Magnesium	24-2	27097.70	26537.44	26857.07	26830.74	1.05	ppb
Manganese	55-2	1567.62	1552.57	1557.13	1559.11	0.50	ppb
Molybdenum	94-1	78.13	81.23	80.42	79.93	2.02	ppb
Molybdenum	95-1	48.68	50.91	50.20	49.93	2.29	ppb
Molybdenum	96-1	53.29	55.48	54.91	54.56	2.08	ppb
Molybdenum	97-1	49.37	51.21	50.85	50.47	1.93	ppb
Molybdenum	98-1	48.59	50.77	50.33	49.90	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.83	147.76	148.57	148.05	0.30	ppb
Phosphorus	31-2	4069.84	4097.54	4120.61	4096.00	0.62	ppb
Potassium	39-2	9998.08	10227.98	10166.52	10130.86	1.17	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	10.99	10.93	10.23	10.72	3.92	ppb
Selenium	77-2	22.72	22.41	24.48	23.21	4.81	ppb
Selenium	78-2	11.46	11.98	11.65	11.69	2.27	ppb
Silicon	28-1	4638.07	4758.63	4672.65	4689.78	1.32	ppb
Silver	107-1	48.75	50.55	50.04	49.78	1.86	ppb
Silver	109-1	49.28	50.99	50.24	50.17	1.71	ppb
Sodium	23-2	65840.71	65854.00	65937.51	65877.41	0.08	ppb
Strontium	86-1	7842.65	8022.39	7854.25	7906.43	1.27	ppb
Strontium	88-1	7883.17	7993.37	8008.40	7961.65	0.86	ppb
Sulfur	34-1	68385.50	72056.92	70410.79	70284.40	2.62	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	3.34	3.34	3.40	3.36	1.10	ppb
Thallium	205-1	3.27	3.34	3.43	3.35	2.44	ppb
Tin	118-1	241.11	250.14	244.82	245.36	1.85	ppb
Titanium	47-1	2232.40	2276.75	2284.93	2264.69	1.25	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:01:54	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	5.98	6.08	6.13	6.06	1.23	ppb
Vanadium	51-2	187.25	186.07	186.60	186.64	0.32	ppb
Yttrium	89-1				123		%
Yttrium	89-2				112		%
Zinc	66-2	8963.96	8923.30	8994.90	8960.72	0.40	ppb
Zirconium	90-1	20.86	21.82	21.59	21.42	2.34	ppb
Zirconium	91-1	21.52	22.22	22.24	21.99	1.86	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:04:52	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69559.07	69265.88	68275.74	69033.56	0.97	ppb
Antimony	121-1	6.35	6.33	6.40	6.36	0.55	ppb
Arsenic	75-2	105.30	104.52	104.41	104.74	0.46	ppb
Barium	135-1	832.38	826.09	838.21	832.23	0.73	ppb
Barium	137-1	838.81	821.49	836.63	832.31	1.13	ppb
Beryllium	9-1	4.21	4.01	3.94	4.05	3.47	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.62	5.94	6.61	6.39	6.10	ppb
Cadmium	106-1	5.33	5.36	6.31	5.67	9.80	ppb
Cadmium	111-1	5.41	5.49	5.76	5.55	3.25	ppb
Calcium	43-1	334713.57	340425.01	343362.78	339500.45	1.30	ppb
Calcium	44-1	334478.53	338981.75	344787.21	339415.83	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180.90	179.70	177.39	179.33	0.99	ppb
Cobalt	59-2	103.35	103.83	102.20	103.13	0.81	ppb
Copper	63-2	235.00	235.88	232.22	234.37	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				117		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	204902.12	206815.49	202709.06	204808.89	1.00	ppb
Iron	57-2	203723.36	204169.05	200904.29	202932.23	0.87	ppb
Iron	54-2	204203.86	204845.42	201847.53	203632.27	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:04:52	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	264.65	269.75	271.68	268.69	1.35	ppb
Lead	207-1	248.51	250.23	252.04	250.26	0.71	ppb
Lead	208-1	254.43	256.31	256.63	255.79	0.46	ppb
Lithium	6-1				119		%
Magnesium	24-2	147995.96	147772.94	145755.48	147174.79	0.84	ppb
Manganese	55-2	4893.54	4908.82	4799.73	4867.36	1.21	ppb
Molybdenum	94-1	29.62	30.40	29.94	29.99	1.32	ppb
Molybdenum	95-1	11.98	12.13	11.93	12.01	0.87	ppb
Molybdenum	96-1	14.72	15.03	14.96	14.90	1.08	ppb
Molybdenum	97-1	12.09	12.14	12.12	12.12	0.20	ppb
Molybdenum	98-1	11.76	12.02	11.88	11.89	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.70	268.21	264.78	266.90	0.69	ppb
Phosphorus	31-2	4812.57	4847.08	4773.04	4810.89	0.77	ppb
Potassium	39-2	11259.81	11178.26	11037.98	11158.68	1.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	82-1	11.36	11.87	11.59	11.61	2.22	ppb
Selenium	77-2	48.57	46.46	46.70	47.24	2.44	ppb
Selenium	78-2	15.14	16.31	15.56	15.67	3.80	ppb
Silicon	28-1	3712.91	3797.93	3827.09	3779.31	1.57	ppb
Silver	107-1	0.99	0.95	0.96	0.97	1.78	ppb
Silver	109-1	1.04	0.94	0.97	0.98	4.81	ppb
Sodium	23-2	953.57	947.31	939.87	946.91	0.72	ppb
Strontium	86-1	8262.46	8334.18	8344.55	8313.73	0.54	ppb
Strontium	88-1	8318.93	8229.25	8298.33	8282.17	0.57	ppb
Sulfur	34-1	3973.03	4210.04	4327.72	4170.26	4.33	ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	3.73	3.81	3.81	3.78	1.23	ppb
Thallium	205-1	3.71	3.77	3.86	3.78	2.09	ppb
Tin	118-1	8.82	8.77	8.94	8.84	1.02	ppb
Titanium	47-1	1130.16	1123.14	1152.16	1135.16	1.33	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:04:52	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	6.89	6.98	6.98	6.95	0.77	ppb
Vanadium	51-2	221.20	220.57	217.33	219.70	0.95	ppb
Yttrium	89-1				124		%
Yttrium	89-2				113		%
Zinc	66-2	823.12	813.02	811.84	815.99	0.76	ppb
Zirconium	90-1	11.01	11.25	11.28	11.18	1.29	ppb
Zirconium	91-1	11.04	11.49	11.25	11.26	1.99	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:07:54	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63339.95	64375.04	62599.49	63438.16	1.41	ppb
Antimony	121-1	2279.17	2257.19	2266.13	2267.49	0.49	ppb
Arsenic	75-2	7012.95	6996.76	6883.18	6964.30	1.02	ppb
Barium	135-1	974.56	973.51	978.71	975.59	0.28	ppb
Barium	137-1	982.46	957.19	983.12	974.25	1.52	ppb
Beryllium	9-1	2.23	2.27	2.21	2.24	1.28	ppb
Bismuth	209-1				123		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	23.84	24.22	22.91	23.66	2.86	ppb
Cadmium	106-1	25.01	24.87	25.18	25.02	0.62	ppb
Cadmium	111-1	14.08	14.13	14.16	14.12	0.27	ppb
Calcium	43-1	90709.59	88899.69	91023.69	90210.99	1.27	ppb
Calcium	44-1	89726.27	87989.87	89004.06	88906.73	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198.74	201.63	196.94	199.10	1.19	ppb
Cobalt	59-2	836.26	841.95	827.53	835.25	0.87	ppb
Copper	63-2	2912.43	2906.07	2867.60	2895.37	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				111		%
Indium	115-1				145		%
Indium	115-2				135		%
Iron	56-2	380474.26	387543.30	376723.54	381580.37	1.44	ppb
Iron	57-2	379380.74	381372.65	374324.19	378359.19	0.96	ppb
Iron	54-2	382312.43	389617.45	376410.15	382780.01	1.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:07:54	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5416.43	5436.33	5459.48	5437.41	0.40	ppb
Lead	207-1	5301.30	5356.47	5378.84	5345.54	0.75	ppb
Lead	208-1	5327.40	5362.54	5398.12	5362.69	0.66	ppb
Lithium	6-1				110		%
Magnesium	24-2	40201.59	40897.99	39965.26	40354.95	1.20	ppb
Manganese	55-2	3112.14	3157.80	3058.38	3109.44	1.60	ppb
Molybdenum	94-1	125.00	127.83	127.40	126.74	1.20	ppb
Molybdenum	95-1	88.72	89.75	88.68	89.05	0.68	ppb
Molybdenum	96-1	95.12	96.86	95.95	95.98	0.91	ppb
Molybdenum	97-1	89.43	91.36	90.53	90.44	1.07	ppb
Molybdenum	98-1	88.95	90.46	88.99	89.47	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	230.23	227.13	224.19	227.18	1.33	ppb
Phosphorus	31-2	7367.58	7418.68	7235.92	7340.73	1.28	ppb
Potassium	39-2	17774.49	18003.25	17693.72	17823.82	0.90	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	16.68	16.37	16.40	16.49	1.03	ppb
Selenium	77-2	31.29	36.49	38.06	35.28	10.05	ppb
Selenium	78-2	17.06	17.35	17.67	17.36	1.78	ppb
Silicon	28-1	5274.28	5121.51	5320.74	5238.84	1.99	ppb
Silver	107-1	8.29	8.34	8.48	8.37	1.14	ppb
Silver	109-1	8.25	8.44	8.38	8.36	1.15	ppb
Sodium	23-2	55399.03	56245.45	54609.97	55418.15	1.48	ppb
Strontium	86-1	16718.75	16836.75	16941.91	16832.47	0.66	ppb
Strontium	88-1	16758.66	16933.65	16913.80	16868.70	0.57	ppb
Sulfur	34-1	7954.95	7702.02	8127.21	7928.06	2.70	ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	3.91	4.04	3.98	3.98	1.62	ppb
Thallium	205-1	3.96	4.02	4.04	4.01	1.02	ppb
Tin	118-1	734.15	735.89	729.97	733.34	0.42	ppb
Titanium	47-1	2720.30	2707.81	2712.25	2713.45	0.23	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:07:54	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	7.69	7.81	7.79	7.76	0.85	ppb
Vanadium	51-2	256.03	258.09	252.68	255.60	1.07	ppb
Yttrium	89-1				125		%
Yttrium	89-2				116		%
Zinc	66-2	24766.52	25015.90	24614.11	24798.84	0.82	ppb
Zirconium	90-1	29.31	29.65	29.66	29.54	0.67	ppb
Zirconium	91-1	30.49	30.93	31.10	30.84	1.02	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 21:10:49	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6481.56	6422.17	6464.82	6456.18	0.47	ppb
Antimony	121-1	256.02	270.83	270.32	265.72	3.16	ppb
Arsenic	75-2	716.19	715.57	720.34	717.36	0.36	ppb
Barium	135-1	86.54	91.58	91.24	89.79	3.14	ppb
Barium	137-1	87.33	92.13	92.56	90.67	3.20	ppb
Beryllium	9-1	0.21	0.27	0.22	0.24	14.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.64	1.73	1.76	7.87	ppb
Cadmium	106-1	-0.16	-0.41	-0.61	-0.39		ppb
Cadmium	111-1	0.70	0.74	0.72	0.72	2.59	ppb
Calcium	43-1	11269.02	11957.07	12162.51	11796.20	3.97	ppb
Calcium	44-1	10761.24	11394.01	11407.64	11187.63	3.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.82	18.89	18.67	18.79	0.61	ppb
Cobalt	59-2	57.23	57.42	56.81	57.15	0.55	ppb
Copper	63-2	306.36	305.78	300.62	304.26	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	38473.50	38471.65	38289.56	38411.57	0.28	ppb
Iron	57-2	37875.85	38075.00	37580.23	37843.69	0.66	ppb
Iron	54-2	38184.96	38733.87	38348.65	38422.49	0.73	ppb
Krypton	83-1						cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 21:10:49	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	507.59	551.40	537.24	532.08	4.20	ppb
Lead	207-1	501.37	538.28	536.40	525.35	3.96	ppb
Lead	208-1	505.93	541.56	535.73	527.74	3.62	ppb
Lithium	6-1				90		%
Magnesium	24-2	4115.72	4110.33	4104.77	4110.27	0.13	ppb
Manganese	55-2	324.67	326.51	324.30	325.16	0.36	ppb
Molybdenum	94-1	9.34	9.98	10.08	9.80	4.10	ppb
Molybdenum	95-1	8.25	8.93	8.77	8.65	4.13	ppb
Molybdenum	96-1	8.60	9.23	9.07	8.97	3.66	ppb
Molybdenum	97-1	8.44	8.99	8.84	8.75	3.25	ppb
Molybdenum	98-1	8.12	8.65	8.71	8.49	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.84	22.82	22.38	22.68	1.14	ppb
Phosphorus	31-2	682.94	696.66	689.31	689.64	1.00	ppb
Potassium	39-2	1927.95	1933.99	1915.45	1925.80	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.57	0.88	0.23	0.56	58.06	ppb
Selenium	77-2	3.63	3.15	3.03	3.27	9.69	ppb
Selenium	78-2	-0.86	-0.54	0.69	-0.24		ppb
Silicon	28-1	439.01	468.92	472.48	460.14	4.00	ppb
Silver	107-1	0.72	0.75	0.78	0.75	4.53	ppb
Silver	109-1	0.72	0.78	0.79	0.76	5.06	ppb
Sodium	23-2	6133.22	6183.74	6135.37	6150.77	0.46	ppb
Strontium	86-1	1906.86	2034.58	2019.68	1987.04	3.51	ppb
Strontium	88-1	1926.44	2064.17	2031.10	2007.24	3.58	ppb
Sulfur	34-1	-125.30	128.14	171.44	58.09	275.92	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.19	0.19	0.18	5.89	ppb
Thallium	205-1	0.18	0.19	0.19	0.18	4.70	ppb
Tin	118-1	65.80	70.05	70.17	68.67	3.62	ppb
Titanium	47-1	266.18	282.51	281.81	276.83	3.33	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 21:10:49	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.73	0.71	0.70	4.70	ppb
Vanadium	51-2	25.86	26.10	25.93	25.96	0.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	2436.36	2471.16	2465.68	2457.73	0.76	ppb
Zirconium	90-1	1.47	1.58	1.59	1.55	4.41	ppb
Zirconium	91-1	1.59	1.70	1.67	1.65	3.49	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:13:51	DataFile Name :	142CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48922.93	47286.33	48572.28	48260.51	1.79	ppb
Antimony	121-1	487.22	498.19	489.55	491.65	1.18	ppb
Arsenic	75-2	512.44	495.83	506.37	504.88	1.66	ppb
Barium	135-1	2459.62	2504.02	2480.47	2481.37	0.90	ppb
Barium	137-1	2478.91	2505.61	2499.73	2494.75	0.56	ppb
Beryllium	9-1	504.00	493.63	512.42	503.35	1.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	489.07	486.49	485.62	487.06	0.37	ppb
Cadmium	106-1	482.21	497.72	493.51	491.14	1.63	ppb
Cadmium	111-1	476.50	490.84	485.58	484.31	1.50	ppb
Calcium	43-1	253780.03	263074.95	265036.93	260630.63	2.31	ppb
Calcium	44-1	252107.08	261806.29	258789.55	257567.64	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.40	503.57	520.06	513.68	1.72	ppb
Cobalt	59-2	516.64	502.62	511.84	510.37	1.40	ppb
Copper	63-2	5016.70	4937.85	4970.78	4975.11	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				100		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	131049.08	128355.24	128693.01	129365.78	1.13	ppb
Iron	57-2	130537.30	126276.73	128877.85	128563.96	1.67	ppb
Iron	54-2	131357.68	127169.34	129455.01	129327.34	1.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:13:51	DataFile Name :	142CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2532.30	2553.30	2557.20	2547.60	0.53	ppb
Lead	207-1	2483.53	2515.75	2534.35	2511.21	1.02	ppb
Lead	208-1	2488.35	2531.38	2547.32	2522.35	1.21	ppb
Lithium	6-1				87		%
Magnesium	24-2	239069.50	232681.60	237115.68	236288.93	1.39	ppb
Manganese	55-2	5103.26	4963.90	5030.10	5032.42	1.39	ppb
Molybdenum	94-1	5023.66	5171.05	5211.46	5135.39	1.92	ppb
Molybdenum	95-1	5001.54	5198.57	5236.54	5145.55	2.45	ppb
Molybdenum	96-1	4931.56	5170.15	5205.64	5102.45	2.92	ppb
Molybdenum	97-1	4943.13	5167.60	5217.57	5109.44	2.86	ppb
Molybdenum	98-1	4965.01	5128.02	5196.29	5096.44	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.92	485.42	491.18	492.51	1.59	ppb
Phosphorus	31-2	10308.16	9928.52	9957.02	10064.57	2.10	ppb
Potassium	39-2	124062.05	119444.00	123044.19	122183.41	1.99	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				81		%
Selenium	82-1	464.71	480.48	480.51	475.23	1.92	ppb
Selenium	77-2	466.46	448.04	466.62	460.37	2.32	ppb
Selenium	78-2	478.39	467.63	481.82	475.95	1.56	ppb
Silicon	28-1	245.98	253.46	252.51	250.65	1.62	ppb
Silver	107-1	491.80	489.72	491.98	491.17	0.26	ppb
Silver	109-1	490.46	488.61	491.50	490.19	0.30	ppb
Sodium	23-2	249144.82	241717.50	246312.74	245725.02	1.53	ppb
Strontium	86-1	12300.50	12786.91	12817.11	12634.84	2.29	ppb
Strontium	88-1	12242.20	12826.45	12638.62	12569.09	2.37	ppb
Sulfur	34-1	9631.90	9989.68	10055.94	9892.51	2.31	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	505.08	507.98	508.64	507.23	0.37	ppb
Thallium	205-1	507.71	513.56	516.03	512.44	0.83	ppb
Tin	118-1	490.42	497.87	502.98	497.09	1.27	ppb
Titanium	47-1	5005.63	5183.90	5089.97	5093.17	1.75	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:13:51	DataFile Name :	142CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	491.99	504.37	514.96	503.77	2.28	ppb
Vanadium	51-2	531.88	506.60	525.51	521.33	2.52	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%
Zinc	66-2	4983.30	4896.59	4995.29	4958.39	1.09	ppb
Zirconium	90-1	496.57	513.40	514.66	508.21	1.99	ppb
Zirconium	91-1	497.67	512.70	517.99	509.45	2.07	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:16:35	DataFile Name :	143CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	3.69	2.69	3.69	27.07	ppb
Antimony	121-1	0.30	0.27	0.24	0.27	12.16	ppb
Arsenic	75-2	0.13	0.08	0.06	0.09	44.09	ppb
Barium	135-1	0.27	0.23	0.27	0.25	8.49	ppb
Barium	137-1	0.25	0.23	0.28	0.26	10.18	ppb
Beryllium	9-1	0.09	0.11	0.13	0.11	14.12	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.10	-0.03	0.05	139.53	ppb
Cadmium	106-1	-2.44	-2.14	-2.84	-2.47		ppb
Cadmium	111-1	-0.10	-0.10	-0.14	-0.11		ppb
Calcium	43-1	26.58	22.59	30.46	26.55	14.83	ppb
Calcium	44-1	27.40	23.66	30.53	27.20	12.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.03	0.06	0.06	35.92	ppb
Cobalt	59-2	0.05	0.02	0.02	0.03	60.03	ppb
Copper	63-2	0.60	0.45	0.34	0.47	28.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	16.93	12.23	9.84	13.00	27.73	ppb
Iron	57-2	16.64	11.41	9.62	12.56	29.03	ppb
Iron	54-2	17.14	12.05	8.93	12.71	32.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:16:35	DataFile Name :	143CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.39	0.37	0.40	0.39	3.91	ppb
Lead	207-1	0.39	0.34	0.38	0.37	7.90	ppb
Lead	208-1	0.38	0.35	0.39	0.37	6.00	ppb
Lithium	6-1				93		%
Magnesium	24-2	24.09	19.02	13.55	18.89	27.93	ppb
Manganese	55-2	0.59	0.48	0.37	0.48	22.80	ppb
Molybdenum	94-1	0.74	0.64	0.76	0.71	8.60	ppb
Molybdenum	95-1	0.61	0.59	0.70	0.63	9.03	ppb
Molybdenum	96-1	0.63	0.55	0.65	0.61	8.72	ppb
Molybdenum	97-1	0.67	0.53	0.73	0.64	16.45	ppb
Molybdenum	98-1	0.66	0.55	0.67	0.62	10.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.02	45.27	ppb
Phosphorus	31-2	-25.41	-22.84	-25.02	-24.42		ppb
Potassium	39-2	22.25	11.33	16.11	16.56	33.06	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	-0.20	-0.02	0.25	0.01	1933.00	ppb
Selenium	77-2	-0.10	0.22	-0.10	0.00	4942.74	ppb
Selenium	78-2	-0.38	-1.64	-0.24	-0.75		ppb
Silicon	28-1	-3.14	-2.93	-2.78	-2.95		ppb
Silver	107-1	0.10	0.09	0.10	0.10	3.08	ppb
Silver	109-1	0.10	0.10	0.09	0.10	8.77	ppb
Sodium	23-2	59.13	48.70	46.62	51.48	13.02	ppb
Strontium	86-1	0.85	0.61	1.36	0.94	40.90	ppb
Strontium	88-1	1.43	1.34	1.45	1.41	4.27	ppb
Sulfur	34-1	-388.77	-344.95	-349.19	-360.97		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.10	0.08	0.10	12.99	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	8.54	ppb
Tin	118-1	0.08	0.05	0.08	0.07	23.30	ppb
Titanium	47-1	0.60	0.44	0.57	0.54	15.86	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:16:35	DataFile Name :	143CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.06	0.05	19.58	ppb
Vanadium	51-2	0.06	0.04	0.04	0.05	21.59	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	0.99	0.85	0.66	0.83	19.75	ppb
Zirconium	90-1	0.11	0.10	0.12	0.11	9.16	ppb
Zirconium	91-1	0.11	0.11	0.12	0.12	6.19	ppb

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:42:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207	207	213	209	1.84	cps
Antimony	121-1	23	50	40	38	35.67	cps
Arsenic	75-2	10	23	20	18	39.03	cps
Barium	135-1	43	80	90	71	34.56	cps
Barium	137-1	113	117	130	120	7.35	cps
Beryllium	9-1	67	50	53	57	15.57	cps
Bismuth	209-1	9754376	9621679	9606049	9660701	0.84	cps
Bismuth	209-2	8346444	8249211	8300492	8298716	0.59	cps
Bromine	81-1	18355	18505	18592	18484	0.65	cps
Bromine	81-2	240	217	230	229	5.11	cps
Cadmium	108-1	20	20	10	17	34.64	cps
Cadmium	106-1	5444	5224	5278	5315	2.16	cps
Cadmium	111-1	3804	3653	3711	3722	2.04	cps
Calcium	43-1	337	380	307	341	10.81	cps
Calcium	44-1	13133	12736	12839	12903	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1753	1710	1617	1693	4.12	cps
Cobalt	59-2	200	210	200	203	2.84	cps
Copper	63-2	2017	1883	2053	1985	4.51	cps
Dysprosium	156-1	17	7	13	12	41.65	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	70	100	123	98	27.35	cps
Erbium	164-2	93	57	60	70	28.97	cps
Gadolinium	160-1	37	53	57	49	21.91	cps
Gadolinium	160-2	677	710	670	686	3.13	cps
Holmium	165-1	16561553	16191311	16228846	16327237	1.25	cps
Holmium	165-2	11854193	11704319	11887096	11815203	0.82	cps
Indium	115-1	13336506	13335793	13503857	13392052	0.72	cps
Indium	115-2	5043852	4954950	4973699	4990834	0.94	cps
Iron	56-2	20230	19947	20167	20115	0.74	cps
Iron	57-2	1143	1107	1160	1137	2.40	cps
Iron	54-2	2477	2724	2680	2627	5.01	cps
Krypton	83-1	233	250	207	230	9.50	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:42:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	300	400	330	343	14.95	cps
Lead	207-1	343	307	343	331	6.39	cps
Lead	208-1	1423	1533	1390	1449	5.18	cps
Lithium	6-1	1989847	1967251	1954159	1970419	0.92	cps
Magnesium	24-2	610	620	647	626	3.03	cps
Manganese	55-2	710	727	723	720	1.23	cps
Molybdenum	94-1	313	280	363	319	13.15	cps
Molybdenum	95-1	143	120	203	156	27.64	cps
Molybdenum	96-1	300	297	303	300	1.11	cps
Molybdenum	97-1	63	120	110	98	30.94	cps
Molybdenum	98-1	353	250	300	301	17.16	cps
Neodymium	150-1	13	3	13	10	57.75	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	370	400	407	392	4.98	cps
Phosphorus	31-2	253	200	233	229	11.77	cps
Potassium	39-2	55731	55009	55099	55280	0.71	cps
Rhodium	103-1	12842431	12740126	12686351	12756303	0.62	cps
Rhodium	103-2	7651813	7636724	7553105	7613881	0.70	cps
Scandium	45-1	7605958	7547057	7570881	7574632	0.39	cps
Scandium	45-2	654864	647292	648583	650246	0.62	cps
Selenium	82-1	544	571	544	553	2.80	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	547	450	480	492	10.05	cps
Silicon	28-1	741043	744000	740065	741703	0.28	cps
Silver	107-1	123	103	123	117	9.90	cps
Silver	109-1	27	53	40	40	33.33	cps
Sodium	23-2	17236	16896	17383	17172	1.46	cps
Strontium	86-1	487	510	440	479	7.44	cps
Strontium	88-1	493	510	540	514	4.60	cps
Sulfur	34-1	205812	206742	207870	206808	0.50	cps
Terbium	159-1	16922715	16730926	16726646	16793429	0.67	cps
Terbium	159-2	11770550	11722406	11576509	11689821	0.86	cps
Thallium	203-1	287	333	367	329	12.22	cps
Thallium	205-1	717	733	790	747	5.15	cps
Tin	118-1	1683	1720	1693	1699	1.12	cps
Titanium	47-1	103	127	103	111	12.12	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:42:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	20	60	40	50.00	cps
Vanadium	51-2	13	10	0	8	89.21	cps
Yttrium	89-1	20452456	20346950	20310221	20369876	0.36	cps
Yttrium	89-2	5683529	5635063	5670455	5663016	0.44	cps
Zinc	66-2	407	420	403	410	2.15	cps
Zirconium	90-1	770	810	730	770	5.19	cps
Zirconium	91-1	100	153	153	136	22.72	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:48:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6571	6488	6251	6437	2.58	cps
Antimony	121-1	28131	28548	28712	28464	1.05	cps
Arsenic	75-2	820	800	853	824	3.27	cps
Barium	135-1	36570	36727	36266	36521	0.64	cps
Barium	137-1	63936	63230	62603	63256	1.05	cps
Beryllium	9-1	1803	1917	1867	1862	3.05	cps
Bismuth	209-1	9718372	9170121	9574664	9487719	3.00	cps
Bismuth	209-2	8329982	8300700	8281386	8304023	0.29	cps
Bromine	81-1	18505	18145	17831	18160	1.86	cps
Bromine	81-2	170	190	173	178	6.03	cps
Cadmium	108-1	273	290	313	292	6.88	cps
Cadmium	106-1	5845	5411	5428	5561	4.42	cps
Cadmium	111-1	7854	7565	7367	7595	3.22	cps
Calcium	43-1	20230	20257	19840	20109	1.16	cps
Calcium	44-1	333675	331176	331609	332153	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13333	13296	12816	13148	2.19	cps
Cobalt	59-2	10294	10137	9863	10098	2.16	cps
Copper	63-2	14360	14644	14457	14487	1.00	cps
Dysprosium	156-1	17	13	17	16	12.40	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	77	73	97	82	15.35	cps
Erbium	164-2	63	53	67	61	11.36	cps
Gadolinium	160-1	83	60	70	71	16.46	cps
Gadolinium	160-2	740	650	667	686	6.98	cps
Holmium	165-1	16404188	15383059	16478781	16088676	3.81	cps
Holmium	165-2	11831222	11780953	11743132	11785102	0.37	cps
Indium	115-1	13460728	12407976	13476529	13115077	4.67	cps
Indium	115-2	5030633	5027842	4990645	5016373	0.45	cps
Iron	56-2	305633	303637	303753	304341	0.37	cps
Iron	57-2	8616	8919	8819	8785	1.76	cps
Iron	54-2	18131	18411	18214	18252	0.79	cps
Krypton	83-1	220	207	263	230	12.88	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:48:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11095	11175	11031	11100	0.65	cps
Lead	207-1	9420	9603	9470	9498	1.00	cps
Lead	208-1	43260	43838	42629	43243	1.40	cps
Lithium	6-1	1936684	1801784	1928670	1889046	4.01	cps
Magnesium	24-2	259564	259877	260357	259933	0.15	cps
Manganese	55-2	5234	5398	5228	5287	1.82	cps
Molybdenum	94-1	29830	30622	30128	30193	1.32	cps
Molybdenum	95-1	36275	35944	35550	35923	1.01	cps
Molybdenum	96-1	40275	40306	39975	40185	0.46	cps
Molybdenum	97-1	22658	22367	22604	22543	0.69	cps
Molybdenum	98-1	57907	58617	57613	58046	0.89	cps
Neodymium	150-1	3	0	10	4	114.60	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	2724	2830	2687	2747	2.71	cps
Phosphorus	31-2	740	703	663	702	5.46	cps
Potassium	39-2	400200	397297	397248	398248	0.42	cps
Rhodium	103-1	12844905	11882018	12533990	12420304	3.96	cps
Rhodium	103-2	7757329	7660638	7582721	7666896	1.14	cps
Scandium	45-1	7441070	6873713	7547632	7287471	4.97	cps
Scandium	45-2	653617	651674	654311	653201	0.21	cps
Selenium	82-1	1668	1650	1650	1656	0.61	cps
Selenium	77-2	130	113	133	126	8.54	cps
Selenium	78-2	927	893	943	921	2.76	cps
Silicon	28-1	775576	773894	781117	776862	0.49	cps
Silver	107-1	17698	17698	18088	17828	1.26	cps
Silver	109-1	16473	16710	16793	16659	1.00	cps
Sodium	23-2	413242	408445	412742	411476	0.64	cps
Strontium	86-1	4881	5031	4934	4949	1.54	cps
Strontium	88-1	41268	41415	39877	40853	2.08	cps
Sulfur	34-1	206952	206255	208549	207252	0.57	cps
Terbium	159-1	16985449	15794968	16817883	16532766	3.90	cps
Terbium	159-2	11753106	11724772	11662319	11713399	0.40	cps
Thallium	203-1	13327	13327	13357	13337	0.13	cps
Thallium	205-1	32268	32088	31530	31962	1.20	cps
Tin	118-1	63141	63165	61912	62739	1.14	cps
Titanium	47-1	8739	8903	9173	8938	2.45	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:48:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38856	38903	39077	38946	0.30	cps
Vanadium	51-2	25585	25719	26066	25790	0.96	cps
Yttrium	89-1	20761983	18772682	20366936	19967200	5.27	cps
Yttrium	89-2	5735190	5731245	5609502	5691979	1.26	cps
Zinc	66-2	6425	5951	6021	6132	4.17	cps
Zirconium	90-1	24995	24831	25329	25051	1.01	cps
Zirconium	91-1	5434	5511	5391	5446	1.12	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:52:15	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	284558	283935	281777	283424	0.51	cps
Antimony	121-1	652372	657147	656873	655464	0.41	cps
Arsenic	75-2	34193	34076	33852	34040	0.51	cps
Barium	135-1	830961	843246	837899	837369	0.74	cps
Barium	137-1	1453039	1463316	1466730	1461028	0.49	cps
Beryllium	9-1	80718	80959	80905	80861	0.16	cps
Bismuth	209-1	9796812	9736187	9870674	9801224	0.69	cps
Bismuth	209-2	8252562	8189626	8226775	8222988	0.38	cps
Bromine	81-1	17641	17614	17484	17579	0.48	cps
Bromine	81-2	230	233	257	240	6.05	cps
Cadmium	108-1	12806	12986	13066	12953	1.03	cps
Cadmium	106-1	23499	23770	23783	23684	0.68	cps
Cadmium	111-1	179861	179892	179679	179811	0.06	cps
Calcium	43-1	180476	182469	180443	181129	0.64	cps
Calcium	44-1	2830277	2834951	2810839	2825356	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261132	254920	257961	258004	1.20	cps
Cobalt	59-2	412502	411201	406339	410014	0.79	cps
Copper	63-2	3071433	3017035	3068889	3052452	1.01	cps
Dysprosium	156-1	37	37	20	31	30.93	cps
Dysprosium	156-2	40	47	57	48	17.56	cps
Erbium	164-1	87	70	110	89	22.60	cps
Erbium	164-2	77	50	23	50	53.34	cps
Gadolinium	160-1	70	67	53	63	13.93	cps
Gadolinium	160-2	657	697	647	667	3.97	cps
Holmium	165-1	16492144	16561724	16291030	16448299	0.85	cps
Holmium	165-2	11987176	11613522	11791228	11797309	1.58	cps
Indium	115-1	13408346	13247902	13137059	13264436	1.03	cps
Indium	115-2	4932225	4842384	4809119	4861243	1.31	cps
Iron	56-2	12144911	11970579	12032589	12049360	0.73	cps
Iron	57-2	318227	313211	315875	315771	0.79	cps
Iron	54-2	685997	693139	687033	688723	0.56	cps
Krypton	83-1	260	253	200	238	13.83	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:52:15	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2449785	2540726	2510813	2500441	1.85	cps
Lead	207-1	2169456	2245443	2223339	2212746	1.77	cps
Lead	208-1	9937058	10212295	10166357	10105237	1.46	cps
Lithium	6-1	2004247	1978662	1981961	1988290	0.70	cps
Magnesium	24-2	2229804	2288883	2197427	2238704	2.07	cps
Manganese	55-2	2056646	2057636	2073531	2062604	0.46	cps
Molybdenum	94-1	2306663	2313780	2253838	2291427	1.43	cps
Molybdenum	95-1	3297127	3285179	3243106	3275137	0.87	cps
Molybdenum	96-1	3619355	3601154	3583462	3601323	0.50	cps
Molybdenum	97-1	2060691	2069980	2053616	2061429	0.40	cps
Molybdenum	98-1	5326982	5296399	5245322	5289568	0.78	cps
Neodymium	150-1	60	37	47	48	24.50	cps
Neodymium	150-2	23	17	10	17	39.99	cps
Nickel	60-2	107190	105138	104655	105661	1.27	cps
Phosphorus	31-2	14387	14177	13793	14119	2.13	cps
Potassium	39-2	1534423	1548857	1518955	1534078	0.97	cps
Rhodium	103-1	12822500	12515041	12561061	12632868	1.31	cps
Rhodium	103-2	7437168	7422167	7343916	7401083	0.68	cps
Scandium	45-1	7407366	7308063	7231168	7315532	1.21	cps
Scandium	45-2	624072	627884	616011	622656	0.97	cps
Selenium	82-1	11058	11472	10996	11175	2.32	cps
Selenium	77-2	1140	1030	1170	1113	6.62	cps
Selenium	78-2	4387	3861	4187	4145	6.42	cps
Silicon	28-1	2704010	2728714	2683972	2705565	0.83	cps
Silver	107-1	884586	888767	877950	883768	0.62	cps
Silver	109-1	834245	844275	838509	839010	0.60	cps
Sodium	23-2	3708958	3740277	3648617	3699284	1.26	cps
Strontium	86-1	207260	209201	207798	208086	0.48	cps
Strontium	88-1	1806058	1815402	1834010	1818490	0.78	cps
Sulfur	34-1	254607	253709	249155	252491	1.16	cps
Terbium	159-1	16928367	16919898	16936985	16928417	0.05	cps
Terbium	159-2	11554201	11615170	11453482	11540951	0.71	cps
Thallium	203-1	608169	614935	613604	612236	0.59	cps
Thallium	205-1	1444993	1469058	1458738	1457596	0.83	cps
Tin	118-1	552294	549793	550328	550805	0.24	cps
Titanium	47-1	807572	809858	802066	806498	0.50	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:52:15	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1880844	1936460	1918185	1911830	1.48	cps
Vanadium	51-2	225776	223073	224228	224359	0.60	cps
Yttrium	89-1	20459564	20136915	20418108	20338196	0.86	cps
Yttrium	89-2	5568437	5527323	5413829	5503197	1.46	cps
Zinc	66-2	510277	506275	504112	506888	0.62	cps
Zirconium	90-1	1104990	1115646	1111129	1110588	0.48	cps
Zirconium	91-1	246013	250589	244998	247200	1.20	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:55:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	678043	670933	665496	671491	0.94	cps
Antimony	121-1	1602274	1625876	1622911	1617021	0.80	cps
Arsenic	75-2	81626	82209	81160	81665	0.64	cps
Barium	135-1	2130814	2122118	2122198	2125043	0.24	cps
Barium	137-1	3620328	3634644	3589651	3614874	0.64	cps
Beryllium	9-1	198567	200235	200677	199826	0.56	cps
Bismuth	209-1	9980040	9878499	9956794	9938444	0.54	cps
Bismuth	209-2	8295622	8162008	8156452	8204694	0.96	cps
Bromine	81-1	16469	16639	15899	16336	2.38	cps
Bromine	81-2	217	167	167	183	15.75	cps
Cadmium	108-1	31451	32206	31755	31804	1.19	cps
Cadmium	106-1	50795	50313	49203	50104	1.63	cps
Cadmium	111-1	433730	438391	435567	435896	0.54	cps
Calcium	43-1	435196	437079	430235	434170	0.81	cps
Calcium	44-1	6764063	6805682	6734575	6768107	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	613556	610867	603167	609197	0.89	cps
Cobalt	59-2	978657	973187	967452	973099	0.58	cps
Copper	63-2	7197001	7257392	7097457	7183950	1.12	cps
Dysprosium	156-1	60	40	77	59	31.18	cps
Dysprosium	156-2	100	123	97	107	13.62	cps
Erbium	164-1	90	70	97	86	16.22	cps
Erbium	164-2	50	80	47	59	31.17	cps
Gadolinium	160-1	90	100	77	89	13.17	cps
Gadolinium	160-2	683	663	640	662	3.28	cps
Holmium	165-1	16465266	16482156	16356892	16434771	0.41	cps
Holmium	165-2	11754798	11725728	11697495	11726007	0.24	cps
Indium	115-1	13073508	12896955	12843664	12938042	0.93	cps
Indium	115-2	4697689	4686473	4637771	4673978	0.68	cps
Iron	56-2	29371050	28535793	28467740	28791528	1.75	cps
Iron	57-2	749144	746216	739722	745027	0.65	cps
Iron	54-2	1603054	1574756	1543785	1573865	1.88	cps
Krypton	83-1	273	267	213	251	13.10	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:55:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6394958	6468738	6419252	6427650	0.58	cps
Lead	207-1	5512771	5680003	5606377	5599717	1.50	cps
Lead	208-1	25372966	25852552	25592993	25606171	0.94	cps
Lithium	6-1	2007364	1983194	1997797	1996118	0.61	cps
Magnesium	24-2	5320456	5308133	5282784	5303791	0.36	cps
Manganese	55-2	4960193	4951154	4830093	4913813	1.48	cps
Molybdenum	94-1	5620957	5593043	5564917	5592972	0.50	cps
Molybdenum	95-1	8078975	8083679	8099479	8087378	0.13	cps
Molybdenum	96-1	8878744	8822435	8775447	8825542	0.59	cps
Molybdenum	97-1	5024813	5044934	4974658	5014801	0.72	cps
Molybdenum	98-1	12935645	13037536	12915497	12962892	0.50	cps
Neodymium	150-1	100	133	147	127	18.98	cps
Neodymium	150-2	23	27	37	29	24.03	cps
Nickel	60-2	251030	249656	247256	249314	0.77	cps
Phosphorus	31-2	32945	32915	32411	32757	0.92	cps
Potassium	39-2	3545986	3551074	3498706	3531922	0.82	cps
Rhodium	103-1	12295097	12082820	11988831	12122250	1.29	cps
Rhodium	103-2	7196748	7131814	7061634	7130066	0.95	cps
Scandium	45-1	7095078	6998718	6919511	7004435	1.26	cps
Scandium	45-2	595448	590602	578246	588099	1.51	cps
Selenium	82-1	26688	26350	25917	26318	1.47	cps
Selenium	77-2	2827	2597	2710	2711	4.24	cps
Selenium	78-2	9413	9413	9300	9375	0.70	cps
Silicon	28-1	5008739	5036723	5013285	5019582	0.30	cps
Silver	107-1	2152895	2167203	2083267	2134455	2.10	cps
Silver	109-1	2073170	2026985	2055453	2051869	1.14	cps
Sodium	23-2	8858282	8805718	8699686	8787895	0.92	cps
Strontium	86-1	501767	503334	506076	503725	0.43	cps
Strontium	88-1	4460741	4433985	4416707	4437144	0.50	cps
Sulfur	34-1	308212	307505	307447	307721	0.14	cps
Terbium	159-1	16943595	16854329	16818540	16872154	0.38	cps
Terbium	159-2	11590347	11445577	11487975	11507966	0.65	cps
Thallium	203-1	1544690	1575621	1562877	1561063	1.00	cps
Thallium	205-1	3793861	3837552	3787449	3806287	0.72	cps
Tin	118-1	1350803	1365574	1339647	1352008	0.96	cps
Titanium	47-1	1990080	1945337	1929271	1954896	1.61	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:55:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4834120	4893083	4923839	4883681	0.93	cps
Vanadium	51-2	529556	529985	524025	527855	0.63	cps
Yttrium	89-1	19924988	19607132	19643258	19725126	0.88	cps
Yttrium	89-2	5363961	5335873	5203223	5301019	1.62	cps
Zinc	66-2	1213991	1204069	1197780	1205280	0.68	cps
Zirconium	90-1	2746341	2714553	2722026	2727640	0.61	cps
Zirconium	91-1	606056	611532	602149	606579	0.78	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:58:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1279162	1292268	1276017	1282482	0.67	cps
Antimony	121-1	3133680	3149838	3151168	3144895	0.31	cps
Arsenic	75-2	152797	153083	150446	152109	0.95	cps
Barium	135-1	4130295	4057553	4067098	4084982	0.97	cps
Barium	137-1	6981454	7020588	7003435	7001825	0.28	cps
Beryllium	9-1	380773	384086	382879	382579	0.44	cps
Bismuth	209-1	9878957	9940019	9835064	9884680	0.53	cps
Bismuth	209-2	8010310	8184298	8111623	8102077	1.08	cps
Bromine	81-1	15518	14340	14437	14765	4.43	cps
Bromine	81-2	177	130	163	157	15.34	cps
Cadmium	108-1	61510	60415	61024	60983	0.90	cps
Cadmium	106-1	89983	92039	90080	90701	1.28	cps
Cadmium	111-1	822000	829138	828457	826532	0.48	cps
Calcium	43-1	825481	816799	818461	820247	0.56	cps
Calcium	44-1	12791508	12772530	12732222	12765420	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1125264	1121484	1109372	1118707	0.74	cps
Cobalt	59-2	1802455	1806571	1774410	1794478	0.98	cps
Copper	63-2	13295801	13209134	13165313	13223416	0.50	cps
Dysprosium	156-1	60	77	60	66	14.68	cps
Dysprosium	156-2	223	160	240	208	20.31	cps
Erbium	164-1	120	123	140	128	8.38	cps
Erbium	164-2	97	67	110	91	24.36	cps
Gadolinium	160-1	113	93	77	94	19.44	cps
Gadolinium	160-2	607	673	737	672	9.67	cps
Holmium	165-1	16738629	16478076	16460881	16559195	0.94	cps
Holmium	165-2	11513404	11509343	11482350	11501699	0.15	cps
Indium	115-1	12720446	12541655	12384729	12548943	1.34	cps
Indium	115-2	4483234	4537825	4429987	4483682	1.20	cps
Iron	56-2	53683249	53390774	52973601	53349208	0.67	cps
Iron	57-2	1388247	1336422	1373518	1366062	1.95	cps
Iron	54-2	2973746	2962443	2980759	2972316	0.31	cps
Krypton	83-1	240	223	247	237	5.08	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:58:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12671873	12745444	12677743	12698353	0.32	cps
Lead	207-1	11114091	11127628	11220835	11154185	0.52	cps
Lead	208-1	50584962	50868992	51103806	50852587	0.51	cps
Lithium	6-1	1995300	1972040	1984565	1983968	0.59	cps
Magnesium	24-2	9838387	9952720	9806792	9865966	0.78	cps
Manganese	55-2	9105769	9155079	9000804	9087217	0.87	cps
Molybdenum	94-1	10656274	10771505	10564795	10664192	0.97	cps
Molybdenum	95-1	15457917	15506579	15121709	15362068	1.36	cps
Molybdenum	96-1	16925154	16914519	16703936	16847870	0.74	cps
Molybdenum	97-1	9639440	9650436	9565422	9618433	0.48	cps
Molybdenum	98-1	24898167	24977872	24622405	24832815	0.75	cps
Neodymium	150-1	220	270	200	230	15.68	cps
Neodymium	150-2	60	57	37	51	24.69	cps
Nickel	60-2	458770	455419	452054	455414	0.74	cps
Phosphorus	31-2	59502	59830	58836	59389	0.85	cps
Potassium	39-2	6518092	6487724	6437569	6481129	0.63	cps
Rhodium	103-1	11717569	11568278	11494098	11593315	0.98	cps
Rhodium	103-2	6694295	6837304	6701260	6744286	1.20	cps
Scandium	45-1	6749521	6625273	6574738	6649844	1.35	cps
Scandium	45-2	552820	550219	548391	550477	0.40	cps
Selenium	82-1	48656	48860	48350	48622	0.53	cps
Selenium	77-2	5014	4854	4891	4920	1.70	cps
Selenium	78-2	17220	17197	16673	17030	1.82	cps
Silicon	28-1	8525440	8461260	8418651	8468451	0.63	cps
Silver	107-1	4038373	4086260	4060538	4061724	0.59	cps
Silver	109-1	3867790	3822976	3821664	3837477	0.68	cps
Sodium	23-2	16446687	16272206	16147493	16288795	0.92	cps
Strontium	86-1	966836	964729	963261	964942	0.19	cps
Strontium	88-1	8553304	8501369	8307466	8454046	1.53	cps
Sulfur	34-1	396493	395868	391676	394679	0.66	cps
Terbium	159-1	16843213	16935953	16696358	16825175	0.72	cps
Terbium	159-2	11088157	11282874	11297971	11223000	1.04	cps
Thallium	203-1	3234187	3155705	3195706	3195199	1.23	cps
Thallium	205-1	7533050	7610395	7555199	7566215	0.53	cps
Tin	118-1	2624711	2626427	2614869	2622002	0.24	cps
Titanium	47-1	3650810	3650895	3627773	3643159	0.37	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 13:58:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9856622	9836906	9847823	9847117	0.10	cps
Vanadium	51-2	981895	980039	963770	975235	1.02	cps
Yttrium	89-1	19142232	19194855	18666083	19001057	1.53	cps
Yttrium	89-2	4999889	5039372	5013110	5017457	0.40	cps
Zinc	66-2	2256917	2250008	2217475	2241467	0.94	cps
Zirconium	90-1	5174364	5243517	5081859	5166580	1.57	cps
Zirconium	91-1	1153507	1164162	1150648	1156106	0.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:00:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2425910	2437772	2414349	2426010	0.48	cps
Antimony	121-1	6122780	6153292	6104782	6126951	0.40	cps
Arsenic	75-2	288568	288549	289677	288932	0.22	cps
Barium	135-1	7960871	7948545	7955841	7955086	0.08	cps
Barium	137-1	13654196	13634684	13494304	13594395	0.64	cps
Beryllium	9-1	728240	716659	723274	722724	0.80	cps
Bismuth	209-1	9770693	9994672	8912885	9559416	5.97	cps
Bismuth	209-2	8520724	8400909	7921359	8280997	3.83	cps
Bromine	81-1	14414	13787	13326	13842	3.94	cps
Bromine	81-2	203	197	143	181	18.16	cps
Cadmium	108-1	117202	115139	116624	116321	0.92	cps
Cadmium	106-1	169752	167473	168302	168509	0.68	cps
Cadmium	111-1	1579810	1578560	1580459	1579610	0.06	cps
Calcium	43-1	1501142	1489919	1483705	1491589	0.59	cps
Calcium	44-1	24242417	23934133	23872770	24016440	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2140942	2133404	2146482	2140276	0.31	cps
Cobalt	59-2	3433330	3406573	3417187	3419030	0.39	cps
Copper	63-2	24751960	25016804	24841727	24870164	0.54	cps
Dysprosium	156-1	130	113	163	136	18.78	cps
Dysprosium	156-2	437	360	410	402	9.68	cps
Erbium	164-1	217	153	173	181	17.87	cps
Erbium	164-2	140	127	120	129	7.90	cps
Gadolinium	160-1	130	130	133	131	1.47	cps
Gadolinium	160-2	683	603	677	654	6.78	cps
Holmium	165-1	16090888	16688989	14583919	15787932	6.87	cps
Holmium	165-2	12224110	12076372	11483608	11928030	3.29	cps
Indium	115-1	12189042	12312645	10802484	11768057	7.13	cps
Indium	115-2	4589394	4567181	4280475	4479017	3.85	cps
Iron	56-2	101706595	102041265	101407002	101718287	0.31	cps
Iron	57-2	2553249	2562618	2547131	2554333	0.31	cps
Iron	54-2	5538247	5612973	5574028	5575083	0.67	cps
Krypton	83-1	233	210	203	216	7.31	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:00:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25633141	25300422	25447961	25460508	0.65	cps
Lead	207-1	22389326	22035070	22414721	22279706	0.95	cps
Lead	208-1	102563020	100718394	102152318	101811244	0.95	cps
Lithium	6-1	1922713	1984854	1731982	1879850	7.01	cps
Magnesium	24-2	18678118	18710963	18606781	18665287	0.29	cps
Manganese	55-2	17409148	17432147	17514392	17451896	0.32	cps
Molybdenum	94-1	20553026	20446871	20349955	20449950	0.50	cps
Molybdenum	95-1	29930860	29417935	29327792	29558863	1.10	cps
Molybdenum	96-1	32799907	32327260	32345017	32490728	0.82	cps
Molybdenum	97-1	18785700	18481618	18450797	18572705	1.00	cps
Molybdenum	98-1	48403251	47398204	47881559	47894338	1.05	cps
Neodymium	150-1	413	430	410	418	2.56	cps
Neodymium	150-2	90	107	113	103	11.63	cps
Nickel	60-2	847921	854015	851058	850998	0.36	cps
Phosphorus	31-2	111288	110730	110377	110798	0.41	cps
Potassium	39-2	12233492	12258947	12006013	12166151	1.14	cps
Rhodium	103-1	10985100	11157497	9831498	10658032	6.76	cps
Rhodium	103-2	6853129	6836778	6450840	6713582	3.39	cps
Scandium	45-1	6310518	6386012	5600779	6099103	7.10	cps
Scandium	45-2	557087	553537	523615	544746	3.38	cps
Selenium	82-1	92347	91804	92150	92100	0.30	cps
Selenium	77-2	9627	9590	9216	9478	2.40	cps
Selenium	78-2	32265	31784	31925	31991	0.77	cps
Silicon	28-1	15005299	14508442	14604939	14706227	1.79	cps
Silver	107-1	7782499	7667103	7717145	7722249	0.75	cps
Silver	109-1	7419295	7300986	7270882	7330388	1.07	cps
Sodium	23-2	31296025	31174585	31084889	31185166	0.34	cps
Strontium	86-1	1854930	1836603	1869446	1853660	0.89	cps
Strontium	88-1	16282955	16205757	16268327	16252346	0.25	cps
Sulfur	34-1	572214	560051	557033	563099	1.43	cps
Terbium	159-1	16405334	16766884	14890555	16020924	6.21	cps
Terbium	159-2	11947842	11897933	11135118	11660298	3.91	cps
Thallium	203-1	6332420	6242798	6224411	6266543	0.92	cps
Thallium	205-1	15011031	14897852	14982322	14963735	0.39	cps
Tin	118-1	5122587	5038098	5045311	5068666	0.92	cps
Titanium	47-1	6853217	6764342	6818917	6812158	0.66	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:00:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20246071	20268357	20364758	20293062	0.31	cps
Vanadium	51-2	1873941	1840816	1908452	1874403	1.80	cps
Yttrium	89-1	18195509	18592545	16452369	17746808	6.42	cps
Yttrium	89-2	5074535	5139564	4865071	5026390	2.85	cps
Zinc	66-2	4216339	4182654	4188417	4195803	0.43	cps
Zirconium	90-1	9953365	9912641	9903063	9923023	0.27	cps
Zirconium	91-1	2246533	2227312	2206870	2226905	0.89	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:03:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4829515	4843582	4797553	4823550	0.49	cps
Antimony	121-1	11984324	12080669	12159471	12074821	0.73	cps
Arsenic	75-2	577598	566853	570487	571646	0.96	cps
Barium	135-1	15775356	16091621	15872290	15913089	1.02	cps
Barium	137-1	26918115	27615518	27116975	27216869	1.32	cps
Beryllium	9-1	1432815	1465632	1454961	1451136	1.15	cps
Bismuth	209-1	9801932	9880372	9828009	9836771	0.41	cps
Bismuth	209-2	7953556	7907061	7949102	7936573	0.32	cps
Bromine	81-1	13616	13576	13453	13549	0.63	cps
Bromine	81-2	127	133	123	128	3.98	cps
Cadmium	108-1	225005	229982	227354	227447	1.09	cps
Cadmium	106-1	320337	324679	322506	322507	0.67	cps
Cadmium	111-1	3091748	3124838	3106511	3107699	0.53	cps
Calcium	43-1	2942286	2988942	2952376	2961201	0.83	cps
Calcium	44-1	47282254	47806856	47722771	47603960	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4282973	4266127	4230754	4259952	0.63	cps
Cobalt	59-2	6702989	6710921	6661125	6691679	0.40	cps
Copper	63-2	48892994	48659553	48378954	48643834	0.53	cps
Dysprosium	156-1	287	277	290	284	2.44	cps
Dysprosium	156-2	800	887	797	828	6.16	cps
Erbium	164-1	193	203	247	214	13.22	cps
Erbium	164-2	137	153	173	154	11.89	cps
Gadolinium	160-1	223	290	167	227	27.24	cps
Gadolinium	160-2	637	710	770	706	9.46	cps
Holmium	165-1	16455810	16402434	16355062	16404435	0.31	cps
Holmium	165-2	11669244	11530236	11489861	11563114	0.81	cps
Indium	115-1	11905921	11847805	11901143	11884956	0.27	cps
Indium	115-2	4272922	4186506	4240471	4233300	1.03	cps
Iron	56-2	203268550	202394997	201755370	202472973	0.38	cps
Iron	57-2	5092069	5031438	5081166	5068224	0.64	cps
Iron	54-2	11007244	11053005	10935135	10998461	0.54	cps
Krypton	83-1	200	197	213	203	4.34	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:03:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50098944	51314476	50946706	50786709	1.23	cps
Lead	207-1	44348861	44881179	44912429	44714157	0.71	cps
Lead	208-1	201048564	205209840	204827977	203695460	1.13	cps
Lithium	6-1	1895124	1922724	1851186	1889678	1.91	cps
Magnesium	24-2	37167555	36930480	36920794	37006277	0.38	cps
Manganese	55-2	34667177	34858429	34554094	34693233	0.44	cps
Molybdenum	94-1	40633523	41381524	40920889	40978646	0.92	cps
Molybdenum	95-1	58428597	59138087	58833169	58799951	0.61	cps
Molybdenum	96-1	64147944	64731304	64668547	64515932	0.50	cps
Molybdenum	97-1	36467791	36784559	36959197	36737183	0.68	cps
Molybdenum	98-1	95072535	95956789	95530759	95520027	0.46	cps
Neodymium	150-1	850	890	947	896	5.42	cps
Neodymium	150-2	177	183	213	191	10.22	cps
Nickel	60-2	1712191	1710815	1693250	1705418	0.62	cps
Phosphorus	31-2	220593	217427	217173	218398	0.87	cps
Potassium	39-2	24496892	24462231	24020869	24326664	1.09	cps
Rhodium	103-1	10779279	10749927	10821651	10783619	0.33	cps
Rhodium	103-2	6434646	6412522	6400925	6416031	0.27	cps
Scandium	45-1	6193529	6183103	6206506	6194379	0.19	cps
Scandium	45-2	532515	527956	527734	529402	0.51	cps
Selenium	82-1	177301	178660	178617	178193	0.43	cps
Selenium	77-2	18919	18595	18555	18690	1.07	cps
Selenium	78-2	61915	61902	62284	62034	0.35	cps
Silicon	28-1	27389315	27570550	27267912	27409259	0.56	cps
Silver	107-1	15045855	15140228	14974236	15053440	0.55	cps
Silver	109-1	14293818	14306495	14349905	14316739	0.21	cps
Sodium	23-2	62263511	61838811	61686189	61929504	0.48	cps
Strontium	86-1	3634102	3697814	3731666	3687861	1.34	cps
Strontium	88-1	32259279	32428170	32381485	32356311	0.27	cps
Sulfur	34-1	941666	949920	939946	943844	0.56	cps
Terbium	159-1	16613589	16615354	16731095	16653346	0.40	cps
Terbium	159-2	11310871	11273317	11304054	11296080	0.18	cps
Thallium	203-1	12581694	12603141	12612761	12599199	0.13	cps
Thallium	205-1	29763497	30350280	30162061	30091946	1.00	cps
Tin	118-1	10037759	10123709	10112826	10091432	0.46	cps
Titanium	47-1	13412676	13564415	13449569	13475553	0.59	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:03:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40929966	41038274	40583630	40850623	0.58	cps
Vanadium	51-2	3781373	3780626	3688450	3750150	1.42	cps
Yttrium	89-1	18250936	18339245	18304847	18298343	0.24	cps
Yttrium	89-2	4905076	4880639	4883672	4889796	0.27	cps
Zinc	66-2	8221361	8141449	8149328	8170713	0.54	cps
Zirconium	90-1	19556623	20359386	20017363	19977790	2.02	cps
Zirconium	91-1	4393185	4429087	4451635	4424636	0.67	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:06:24	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26429543	26381593	26376866	26396001	0.11	cps
Antimony	121-1	7369	6635	6295	6766	8.11	cps
Arsenic	75-2	300	360	320	327	9.35	cps
Barium	135-1	7332	7189	7219	7246	1.04	cps
Barium	137-1	12659	12609	11665	12311	4.55	cps
Beryllium	9-1	380	400	347	376	7.17	cps
Bismuth	209-1	8774610	8452606	8522493	8583236	1.97	cps
Bismuth	209-2	7075081	7059430	7084384	7072965	0.18	cps
Bromine	81-1	14230	14644	14758	14544	1.91	cps
Bromine	81-2	157	163	143	154	6.59	cps
Cadmium	108-1	87	107	127	107	18.75	cps
Cadmium	106-1	4971	4761	4767	4833	2.47	cps
Cadmium	111-1	4046	3905	3839	3930	2.69	cps
Calcium	43-1	14493733	14833985	14875415	14734378	1.42	cps
Calcium	44-1	234488597	242143930	241984856	239539128	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6935	6865	10269	8023	24.25	cps
Cobalt	59-2	18872	19289	18812	18991	1.37	cps
Copper	63-2	11204	10701	9910	10605	6.15	cps
Dysprosium	156-1	517	467	443	476	7.88	cps
Dysprosium	156-2	387	427	403	406	4.95	cps
Erbium	164-1	477	553	573	534	9.55	cps
Erbium	164-2	377	350	423	383	9.68	cps
Gadolinium	160-1	447	477	490	471	4.71	cps
Gadolinium	160-2	853	990	943	929	7.48	cps
Holmium	165-1	16376337	15632994	15639590	15882974	2.69	cps
Holmium	165-2	11071218	11097925	11151245	11106796	0.37	cps
Indium	115-1	11770175	11375036	11197792	11447668	2.56	cps
Indium	115-2	4218090	4151759	4159130	4176326	0.87	cps
Iron	56-2	1029784305	1032142571	1032908731	1031611869	0.16	cps
Iron	57-2	25991835	26095078	26007737	26031550	0.21	cps
Iron	54-2	55438086	55858136	56103194	55799805	0.60	cps
Krypton	83-1	293	250	233	259	11.96	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:06:24	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12846	11732	10988	11855	7.89	cps
Lead	207-1	10724	10237	9697	10219	5.03	cps
Lead	208-1	50941	47116	44315	47458	7.01	cps
Lithium	6-1	1880103	1806455	1828440	1838333	2.06	cps
Magnesium	24-2	211317897	211996950	213100210	212138352	0.42	cps
Manganese	55-2	18188	17404	17577	17723	2.33	cps
Molybdenum	94-1	12199	11878	10507	11528	7.79	cps
Molybdenum	95-1	12926	11545	9907	11459	13.19	cps
Molybdenum	96-1	24297	23896	22237	23477	4.65	cps
Molybdenum	97-1	8149	7359	6472	7326	11.45	cps
Molybdenum	98-1	19316	18265	15592	17724	10.83	cps
Neodymium	150-1	283	280	253	272	6.04	cps
Neodymium	150-2	127	170	177	158	17.21	cps
Nickel	60-2	6318	6488	6261	6356	1.86	cps
Phosphorus	31-2	310	273	310	298	7.11	cps
Potassium	39-2	130263588	131376901	131053505	130897998	0.44	cps
Rhodium	103-1	10339602	9958980	9882326	10060303	2.43	cps
Rhodium	103-2	6078553	5993986	5989144	6020561	0.84	cps
Scandium	45-1	6575131	6339177	6324014	6412774	2.20	cps
Scandium	45-2	557625	554195	558635	556818	0.42	cps
Selenium	82-1	593	586	619	599	2.87	cps
Selenium	77-2	3	7	23	11	96.43	cps
Selenium	78-2	360	463	423	416	12.54	cps
Silicon	28-1	626127	640045	637842	634672	1.18	cps
Silver	107-1	3604	3314	2927	3282	10.35	cps
Silver	109-1	3460	3134	2627	3074	13.66	cps
Sodium	23-2	329652782	331901708	331736622	331097037	0.38	cps
Strontium	86-1	11418	11098	11074	11197	1.71	cps
Strontium	88-1	95595	97339	96329	96421	0.91	cps
Sulfur	34-1	153425	155869	158411	155902	1.60	cps
Terbium	159-1	16419604	15828166	15665069	15970946	2.49	cps
Terbium	159-2	10881422	10692431	10972415	10848756	1.32	cps
Thallium	203-1	2384	2114	1957	2151	10.03	cps
Thallium	205-1	5818	4721	4514	5018	13.97	cps
Tin	118-1	4337	4604	4257	4400	4.13	cps
Titanium	47-1	2627	2417	2060	2368	12.10	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:06:24	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5688	4828	3914	4810	18.44	cps
Vanadium	51-2	953	920	883	919	3.81	cps
Yttrium	89-1	18492450	17491084	17771495	17918343	2.88	cps
Yttrium	89-2	4984271	4907065	4985168	4958835	0.90	cps
Zinc	66-2	6251	6428	6451	6377	1.72	cps
Zirconium	90-1	13199	13570	12759	13176	3.08	cps
Zirconium	91-1	2987	3074	2870	2977	3.43	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:32:17	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137425	137018	136369	136937	0.39	cps
Antimony	121-1	2657951	2617949	2672834	2649578	1.07	cps
Arsenic	75-2	138034	137173	137479	137562	0.32	cps
Barium	135-1	340365	344474	347001	343947	0.97	cps
Barium	137-1	592954	598086	597350	596130	0.47	cps
Beryllium	9-1	165786	166072	168677	166845	0.95	cps
Bismuth	209-1	10398258	10317382	10337778	10351139	0.41	cps
Bismuth	209-2	8387985	8415707	8414541	8406078	0.19	cps
Bromine	81-1	15869	15822	16416	16035	2.06	cps
Bromine	81-2	150	133	203	162	22.54	cps
Cadmium	108-1	22875	23292	23509	23225	1.39	cps
Cadmium	106-1	37191	36700	35858	36583	1.84	cps
Cadmium	111-1	359911	356852	355956	357573	0.58	cps
Calcium	43-1	68072	69481	69960	69171	1.42	cps
Calcium	44-1	1123322	1129501	1130009	1127611	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516979	516929	513078	515662	0.43	cps
Cobalt	59-2	831298	826627	825993	827973	0.35	cps
Copper	63-2	573312	579813	571532	574886	0.76	cps
Dysprosium	156-1	17	17	37	23	49.48	cps
Dysprosium	156-2	30	30	13	24	39.37	cps
Erbium	164-1	90	63	130	94	35.53	cps
Erbium	164-2	80	60	50	63	24.12	cps
Gadolinium	160-1	67	57	93	72	26.24	cps
Gadolinium	160-2	687	653	660	667	2.65	cps
Holmium	165-1	16647126	16745797	16607209	16666711	0.43	cps
Holmium	165-2	11851314	11862638	11839724	11851226	0.10	cps
Indium	115-1	13270305	13022755	12986588	13093216	1.18	cps
Indium	115-2	4778275	4797208	4740629	4772037	0.60	cps
Iron	56-2	9563049	9505301	9422007	9496786	0.75	cps
Iron	57-2	245803	245938	243691	245144	0.51	cps
Iron	54-2	552065	552434	548288	550929	0.42	cps
Krypton	83-1	200	153	220	191	17.90	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:32:17	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2183104	2223022	2162256	2189461	1.41	cps
Lead	207-1	1842760	1862947	1802677	1836128	1.67	cps
Lead	208-1	8570225	8687607	8527968	8595267	0.96	cps
Lithium	6-1	2062413	2086466	2076812	2075230	0.58	cps
Magnesium	24-2	510552	514239	509032	511274	0.52	cps
Manganese	55-2	410285	410921	409165	410124	0.22	cps
Molybdenum	94-1	493	523	500	506	3.12	cps
Molybdenum	95-1	317	303	327	316	3.71	cps
Molybdenum	96-1	660	583	497	580	14.09	cps
Molybdenum	97-1	190	250	157	199	23.78	cps
Molybdenum	98-1	493	527	580	533	8.20	cps
Neodymium	150-1	13	37	20	23	51.52	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	212334	211959	210933	211742	0.34	cps
Phosphorus	31-2	187	230	247	221	14.01	cps
Potassium	39-2	1182386	1220992	1204175	1202518	1.61	cps
Rhodium	103-1	12288114	12270868	12289921	12282968	0.09	cps
Rhodium	103-2	7306124	7291421	7280280	7292608	0.18	cps
Scandium	45-1	7049967	7126497	7027979	7068148	0.73	cps
Scandium	45-2	603484	604967	601740	603397	0.27	cps
Selenium	82-1	43677	43838	43903	43806	0.27	cps
Selenium	77-2	4787	4754	4527	4690	3.02	cps
Selenium	78-2	15902	16085	15902	15963	0.66	cps
Silicon	28-1	581029	583729	583846	582868	0.27	cps
Silver	107-1	831163	833194	836089	833482	0.30	cps
Silver	109-1	786594	791786	789923	789434	0.33	cps
Sodium	23-2	1466531	1464903	1450085	1460506	0.62	cps
Strontium	86-1	1540	1430	1360	1443	6.29	cps
Strontium	88-1	9176	9160	9563	9300	2.46	cps
Sulfur	34-1	183231	182745	183625	183200	0.24	cps
Terbium	159-1	17251932	16880241	17053328	17061833	1.09	cps
Terbium	159-2	11758983	11654189	11619095	11677422	0.62	cps
Thallium	203-1	2666552	2671280	2697453	2678428	0.62	cps
Thallium	205-1	6358145	6344441	6348422	6350336	0.11	cps
Tin	118-1	1923	1883	1800	1869	3.37	cps
Titanium	47-1	83	87	110	93	15.57	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:32:17	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	20	33	29	26.64	cps
Vanadium	51-2	439397	438900	432857	437051	0.83	cps
Yttrium	89-1	20104833	19805283	19762653	19890923	0.94	cps
Yttrium	89-2	5413389	5378225	5392327	5394647	0.33	cps
Zinc	66-2	199636	200250	199339	199742	0.23	cps
Zirconium	90-1	950	970	853	924	6.75	cps
Zirconium	91-1	397	413	383	398	3.78	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:42:00	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	147	133	149	11.27	cps
Antimony	121-1	1580	1387	1697	1555	10.08	cps
Arsenic	75-2	27	23	23	24	7.89	cps
Barium	135-1	103	113	233	150	48.24	cps
Barium	137-1	193	150	423	256	57.50	cps
Beryllium	9-1	133	123	107	121	11.12	cps
Bismuth	209-1	10502505	10292408	10123685	10306199	1.84	cps
Bismuth	209-2	8549840	8582827	8547176	8559948	0.23	cps
Bromine	81-1	17183	17367	16930	17160	1.28	cps
Bromine	81-2	187	137	200	174	19.14	cps
Cadmium	108-1	17	13	37	22	56.80	cps
Cadmium	106-1	5314	5114	5158	5195	2.03	cps
Cadmium	111-1	3792	3681	3838	3770	2.14	cps
Calcium	43-1	267	250	263	260	3.39	cps
Calcium	44-1	10177	9950	10000	10043	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1527	1513	1410	1483	4.31	cps
Cobalt	59-2	240	217	207	221	7.74	cps
Copper	63-2	1130	1303	1207	1213	7.16	cps
Dysprosium	156-1	0	10	7	6	91.64	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	97	80	107	94	14.27	cps
Erbium	164-2	63	53	70	62	13.48	cps
Gadolinium	160-1	60	60	80	67	17.32	cps
Gadolinium	160-2	680	657	673	670	1.79	cps
Holmium	165-1	16900836	16660776	16737981	16766531	0.73	cps
Holmium	165-2	11899525	11945657	11926728	11923970	0.19	cps
Indium	115-1	13468092	13535779	13288383	13430751	0.95	cps
Indium	115-2	4854872	4924560	4820941	4866791	1.09	cps
Iron	56-2	18695	18061	18421	18392	1.73	cps
Iron	57-2	1033	893	927	951	7.69	cps
Iron	54-2	2310	2494	2244	2349	5.51	cps
Krypton	83-1	207	230	227	221	5.71	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:42:00	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	710	700	910	773	15.32	cps
Lead	207-1	627	567	690	628	9.83	cps
Lead	208-1	2980	2543	3407	2977	14.51	cps
Lithium	6-1	2057859	2044928	2100458	2067748	1.41	cps
Magnesium	24-2	663	687	570	640	9.65	cps
Manganese	55-2	647	657	687	663	3.14	cps
Molybdenum	94-1	367	347	423	379	10.50	cps
Molybdenum	95-1	217	173	237	209	15.50	cps
Molybdenum	96-1	283	300	780	455	62.09	cps
Molybdenum	97-1	113	113	1158	461	130.67	cps
Molybdenum	98-1	350	310	5252	1971	144.20	cps
Neodymium	150-1	20	10	7	12	56.76	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	377	307	327	337	10.71	cps
Phosphorus	31-2	217	190	220	209	7.87	cps
Potassium	39-2	49253	49701	49039	49331	0.69	cps
Rhodium	103-1	12584484	12415596	12372786	12457622	0.90	cps
Rhodium	103-2	7462678	7458572	7373760	7431670	0.68	cps
Scandium	45-1	7145977	7142417	6994513	7094302	1.22	cps
Scandium	45-2	612118	610945	607876	610313	0.36	cps
Selenium	82-1	593	463	382	479	22.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	443	347	437	409	13.21	cps
Silicon	28-1	575990	576371	578155	576838	0.20	cps
Silver	107-1	703	560	1434	899	52.15	cps
Silver	109-1	540	550	910	667	31.64	cps
Sodium	23-2	19893	19743	18975	19537	2.52	cps
Strontium	86-1	460	407	390	419	8.73	cps
Strontium	88-1	387	397	357	380	5.48	cps
Sulfur	34-1	188112	186203	187890	187402	0.56	cps
Terbium	159-1	17474646	17268925	17179321	17307631	0.87	cps
Terbium	159-2	11690691	11798265	11766682	11751879	0.47	cps
Thallium	203-1	967	870	903	913	5.38	cps
Thallium	205-1	2144	1974	2194	2104	5.48	cps
Tin	118-1	1590	4823	1867	2760	64.93	cps
Titanium	47-1	93	63	73	77	19.93	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:42:00	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	23	80	42	77.50	cps
Vanadium	51-2	23	33	57	38	45.29	cps
Yttrium	89-1	20065724	20092851	19846071	20001548	0.68	cps
Yttrium	89-2	5455481	5405319	5448259	5436353	0.50	cps
Zinc	66-2	293	203	257	251	18.02	cps
Zirconium	90-1	793	743	753	763	3.47	cps
Zirconium	91-1	130	173	133	146	16.57	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:45:16	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24125404	23984335	24244055	24117931	0.54	cps
Antimony	121-1	14291	14344	14804	14480	1.95	cps
Arsenic	75-2	173	233	193	200	15.27	cps
Barium	135-1	4644	4494	4701	4613	2.32	cps
Barium	137-1	8056	8316	8296	8222	1.76	cps
Beryllium	9-1	480	550	487	506	7.64	cps
Bismuth	209-1	9985056	9630045	9598994	9738032	2.20	cps
Bismuth	209-2	8036824	8084463	7954783	8025357	0.82	cps
Bromine	81-1	15725	16326	17157	16403	4.38	cps
Bromine	81-2	377	367	417	387	6.84	cps
Cadmium	108-1	2247	2034	2114	2131	5.06	cps
Cadmium	106-1	5048	4501	4717	4755	5.79	cps
Cadmium	111-1	4734	4267	4116	4373	7.37	cps
Calcium	43-1	3084147	3069815	3114283	3089415	0.73	cps
Calcium	44-1	49924769	49804439	49829728	49852979	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92810	92776	92578	92721	0.13	cps
Cobalt	59-2	9293	9286	9376	9319	0.54	cps
Copper	63-2	38600	38747	38733	38693	0.21	cps
Dysprosium	156-1	70	43	63	59	23.57	cps
Dysprosium	156-2	50	53	37	47	18.89	cps
Erbium	164-1	117	153	133	134	13.66	cps
Erbium	164-2	110	93	140	114	20.66	cps
Gadolinium	160-1	97	77	113	96	19.21	cps
Gadolinium	160-2	607	660	797	688	14.25	cps
Holmium	165-1	16928191	16401881	16616397	16648823	1.59	cps
Holmium	165-2	11812979	11892719	11795479	11833726	0.44	cps
Indium	115-1	12779209	12318417	12211638	12436421	2.43	cps
Indium	115-2	4450732	4466294	4488088	4468371	0.42	cps
Iron	56-2	435143940	430676234	431577114	432465762	0.55	cps
Iron	57-2	10877173	10760159	10729338	10788890	0.72	cps
Iron	54-2	23238176	23280666	23307182	23275342	0.15	cps
Krypton	83-1	167	240	253	220	21.21	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:45:16	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	52528	51885	50440	51618	2.07	cps
Lead	207-1	41945	40637	39992	40858	2.43	cps
Lead	208-1	197694	193705	188865	193421	2.29	cps
Lithium	6-1	2046652	1946434	1915374	1969487	3.48	cps
Magnesium	24-2	39728325	39327014	39461959	39505766	0.52	cps
Manganese	55-2	30160	30180	30100	30147	0.14	cps
Molybdenum	94-1	6924657	6867490	6952245	6914797	0.63	cps
Molybdenum	95-1	12121864	12217499	12336359	12225241	0.88	cps
Molybdenum	96-1	13055336	13098581	13160306	13104741	0.40	cps
Molybdenum	97-1	7609473	7551637	7601448	7587519	0.41	cps
Molybdenum	98-1	19802394	19773126	19738039	19771186	0.16	cps
Neodymium	150-1	73	80	53	69	20.15	cps
Neodymium	150-2	40	30	40	37	15.75	cps
Nickel	60-2	10174	10187	10133	10165	0.27	cps
Phosphorus	31-2	1192354	1169308	1191627	1184430	1.11	cps
Potassium	39-2	51229253	50972041	50806956	51002750	0.42	cps
Rhodium	103-1	11528486	10918149	11005610	11150748	2.96	cps
Rhodium	103-2	6622097	6640046	6598903	6620348	0.31	cps
Scandium	45-1	6841789	6385297	6451037	6559374	3.76	cps
Scandium	45-2	555019	549902	553270	552730	0.47	cps
Selenium	82-1	557	445	363	455	21.41	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	383	353	383	373	4.64	cps
Silicon	28-1	596416	581665	583603	587228	1.37	cps
Silver	107-1	1217	940	807	988	21.17	cps
Silver	109-1	1107	883	757	916	19.36	cps
Sodium	23-2	65610591	65062976	65340061	65337876	0.42	cps
Strontium	86-1	132752	133633	134033	133473	0.49	cps
Strontium	88-1	1169662	1169169	1181592	1173474	0.60	cps
Sulfur	34-1	4553888	4498982	4432270	4495047	1.35	cps
Terbium	159-1	17701059	16845222	16761214	17102498	3.04	cps
Terbium	159-2	11625685	11444619	11608561	11559622	0.86	cps
Thallium	203-1	2167	1880	2117	2055	7.45	cps
Thallium	205-1	5198	5008	4751	4985	4.50	cps
Tin	118-1	4227	4194	3724	4048	6.95	cps
Titanium	47-1	2915803	2915080	2925975	2918953	0.21	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:45:16	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	643	707	670	673	4.72	cps
Vanadium	51-2	753	760	757	757	0.44	cps
Yttrium	89-1	19437706	18756657	18705958	18966773	2.15	cps
Yttrium	89-2	5103683	5129685	5097228	5110199	0.34	cps
Zinc	66-2	10087	10247	9863	10066	1.91	cps
Zirconium	90-1	1053	1187	1183	1141	6.66	cps
Zirconium	91-1	177	217	240	211	15.17	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:48:20	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24836630	24487098	24620541	24648090	0.72	cps
Antimony	121-1	275885	278860	280410	278385	0.83	cps
Arsenic	75-2	12485	12916	12846	12749	1.81	cps
Barium	135-1	72044	74419	73857	73440	1.69	cps
Barium	137-1	126524	128978	126957	127486	1.03	cps
Beryllium	9-1	30410	30724	30861	30665	0.75	cps
Bismuth	209-1	9964224	9897313	10030052	9963863	0.67	cps
Bismuth	209-2	8174974	8097366	8117304	8129882	0.50	cps
Bromine	81-1	16149	17173	17671	16998	4.56	cps
Bromine	81-2	467	443	453	454	2.58	cps
Cadmium	108-1	6308	6268	6585	6387	2.70	cps
Cadmium	106-1	11151	11164	10787	11034	1.94	cps
Cadmium	111-1	70558	71804	71818	71393	1.01	cps
Calcium	43-1	3170017	3176190	3227493	3191233	0.99	cps
Calcium	44-1	51365479	52214966	51660601	51747015	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188256	189829	189066	189050	0.42	cps
Cobalt	59-2	160157	159507	159453	159706	0.25	cps
Copper	63-2	142709	141710	143369	142596	0.59	cps
Dysprosium	156-1	47	57	70	58	20.26	cps
Dysprosium	156-2	53	60	47	53	12.50	cps
Erbium	164-1	103	103	170	126	30.66	cps
Erbium	164-2	110	80	80	90	19.25	cps
Gadolinium	160-1	103	120	100	108	9.94	cps
Gadolinium	160-2	680	633	677	663	3.92	cps
Holmium	165-1	17265454	17128849	17228338	17207547	0.41	cps
Holmium	165-2	12030106	12129501	12097151	12085586	0.42	cps
Indium	115-1	12623237	12666747	12648364	12646116	0.17	cps
Indium	115-2	4571735	4576030	4576612	4574792	0.06	cps
Iron	56-2	442386447	445004433	444645767	444012216	0.32	cps
Iron	57-2	11093336	10989694	11002728	11028586	0.51	cps
Iron	54-2	23950480	23854926	23880424	23895277	0.21	cps
Krypton	83-1	177	197	227	200	12.58	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:48:20	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	268256	270902	269693	269617	0.49	cps
Lead	207-1	221494	223614	223269	222792	0.51	cps
Lead	208-1	1032982	1038585	1040824	1037464	0.39	cps
Lithium	6-1	1910435	1955509	1902978	1922974	1.48	cps
Magnesium	24-2	40472187	40146742	40353169	40324033	0.41	cps
Manganese	55-2	108316	107883	106678	107625	0.79	cps
Molybdenum	94-1	7156246	7168668	7107926	7144280	0.45	cps
Molybdenum	95-1	12539841	12646966	12611449	12599419	0.43	cps
Molybdenum	96-1	13489499	13544134	13563402	13532345	0.28	cps
Molybdenum	97-1	7832348	7878597	7890545	7867163	0.39	cps
Molybdenum	98-1	20156728	20445687	20510191	20370869	0.92	cps
Neodymium	150-1	40	83	80	68	35.58	cps
Neodymium	150-2	33	37	50	40	22.05	cps
Nickel	60-2	47472	48297	47234	47668	1.17	cps
Phosphorus	31-2	1220170	1221719	1212137	1218008	0.42	cps
Potassium	39-2	52714583	51812621	52601963	52376389	0.94	cps
Rhodium	103-1	11337105	11323964	11383652	11348240	0.28	cps
Rhodium	103-2	6750754	6730648	6802196	6761200	0.55	cps
Scandium	45-1	6652362	6644990	6622077	6639810	0.24	cps
Scandium	45-2	566863	560149	560295	562436	0.68	cps
Selenium	82-1	4451	4399	4549	4467	1.71	cps
Selenium	77-2	390	467	477	444	10.67	cps
Selenium	78-2	1793	1813	1910	1839	3.39	cps
Silicon	28-1	609394	614743	607734	610624	0.60	cps
Silver	107-1	312809	320744	319992	317848	1.38	cps
Silver	109-1	296734	304284	302199	301072	1.30	cps
Sodium	23-2	67398126	66758661	66783627	66980138	0.54	cps
Strontium	86-1	138272	139638	140378	139429	0.77	cps
Strontium	88-1	1207043	1234997	1235695	1225912	1.33	cps
Sulfur	34-1	4597122	4610486	4591253	4599620	0.21	cps
Terbium	159-1	17496408	17280623	17363429	17380153	0.63	cps
Terbium	159-2	11823013	11877373	11746027	11815471	0.56	cps
Thallium	203-1	268605	270901	274962	271489	1.19	cps
Thallium	205-1	640575	649053	645579	645069	0.66	cps
Tin	118-1	3791	3010	3477	3426	11.47	cps
Titanium	47-1	2951662	3024032	3016225	2997306	1.33	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:48:20	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	747	647	743	712	7.97	cps
Vanadium	51-2	83429	82879	82524	82944	0.55	cps
Yttrium	89-1	19286782	19465631	19758594	19503669	1.22	cps
Yttrium	89-2	5275718	5193719	5180319	5216586	0.99	cps
Zinc	66-2	29152	28454	29122	28909	1.36	cps
Zirconium	90-1	1053	1127	1100	1093	3.40	cps
Zirconium	91-1	250	243	297	263	11.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:54:42	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12811624	12869541	12963369	12881511	0.59	cps
Antimony	121-1	5925301	6071192	6057275	6017923	1.34	cps
Arsenic	75-2	285860	285528	286790	286059	0.23	cps
Barium	135-1	7802582	7909152	7971834	7894523	1.08	cps
Barium	137-1	13423441	13790357	13522199	13578666	1.40	cps
Beryllium	9-1	706542	710513	707274	708110	0.30	cps
Bismuth	209-1	9746259	9495225	9461052	9567512	1.63	cps
Bismuth	209-2	7686392	7602603	7734093	7674362	0.87	cps
Bromine	81-1	15158	14577	14527	14754	2.38	cps
Bromine	81-2	173	163	147	161	8.36	cps
Cadmium	108-1	111104	112935	111632	111890	0.84	cps
Cadmium	106-1	160017	163009	162025	161684	0.94	cps
Cadmium	111-1	1488744	1504655	1500369	1497922	0.55	cps
Calcium	43-1	7551147	7640557	7583661	7591789	0.60	cps
Calcium	44-1	121745828	124164965	123524981	123145258	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2174241	2198549	2177177	2183323	0.61	cps
Cobalt	59-2	3460861	3436408	3439995	3445755	0.38	cps
Copper	63-2	24279821	24107288	24131368	24172826	0.39	cps
Dysprosium	156-1	287	407	343	346	17.37	cps
Dysprosium	156-2	560	450	580	530	13.21	cps
Erbium	164-1	367	360	287	338	13.14	cps
Erbium	164-2	293	233	220	249	15.70	cps
Gadolinium	160-1	297	270	317	294	7.95	cps
Gadolinium	160-2	820	787	853	820	4.07	cps
Holmium	165-1	16917269	16684242	16508825	16703445	1.23	cps
Holmium	165-2	11642536	11466394	11623035	11577322	0.83	cps
Indium	115-1	12387906	12128625	11987328	12167953	1.67	cps
Indium	115-2	4328451	4311054	4283807	4307770	0.52	cps
Iron	56-2	519211672	516829699	522291499	519444290	0.53	cps
Iron	57-2	12997083	13124907	12927865	13016618	0.77	cps
Iron	54-2	28209434	28398470	28296485	28301463	0.33	cps
Krypton	83-1	217	197	233	216	8.52	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:54:42	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24473134	24880260	25081965	24811786	1.25	cps
Lead	207-1	21437794	21736285	21978696	21717592	1.25	cps
Lead	208-1	97869687	98583323	99613039	98688683	0.89	cps
Lithium	6-1	2003807	1943702	1945555	1964355	1.74	cps
Magnesium	24-2	100794155	100514642	101701562	101003453	0.61	cps
Manganese	55-2	17864931	17902215	17830355	17865833	0.20	cps
Molybdenum	94-1	20472924	21054205	21239107	20922079	1.91	cps
Molybdenum	95-1	30119476	30578641	30439904	30379340	0.78	cps
Molybdenum	96-1	33125339	33387245	33388310	33300298	0.46	cps
Molybdenum	97-1	18728767	18841665	18983235	18851222	0.68	cps
Molybdenum	98-1	48339689	48776471	48904789	48673650	0.61	cps
Neodymium	150-1	567	583	543	564	3.56	cps
Neodymium	150-2	180	197	147	174	14.59	cps
Nickel	60-2	834956	836955	835817	835910	0.12	cps
Phosphorus	31-2	114806	115689	116354	115617	0.67	cps
Potassium	39-2	63662186	63494467	63698119	63618257	0.17	cps
Rhodium	103-1	10976380	10798614	10726574	10833856	1.19	cps
Rhodium	103-2	6327744	6308480	6313375	6316533	0.16	cps
Scandium	45-1	6702196	6567843	6594091	6621377	1.08	cps
Scandium	45-2	555054	550900	558493	554816	0.69	cps
Selenium	82-1	86795	88107	87555	87486	0.75	cps
Selenium	77-2	9200	8766	8986	8984	2.41	cps
Selenium	78-2	31173	30488	30926	30862	1.12	cps
Silicon	28-1	7528380	7648222	7639436	7605346	0.88	cps
Silver	107-1	7293573	7343560	7366757	7334630	0.51	cps
Silver	109-1	6910781	7045167	7017946	6991298	1.02	cps
Sodium	23-2	163125961	162016478	161925341	162355926	0.41	cps
Strontium	86-1	1865264	1903087	1884405	1884252	1.00	cps
Strontium	88-1	16425644	16585023	16478468	16496378	0.49	cps
Sulfur	34-1	567785	573350	574393	571843	0.62	cps
Terbium	159-1	17216218	17051356	16772687	17013420	1.32	cps
Terbium	159-2	11240382	11337872	11283268	11287174	0.43	cps
Thallium	203-1	6162108	6188762	6161422	6170764	0.25	cps
Thallium	205-1	14630718	14784737	14810784	14742080	0.66	cps
Tin	118-1	4988650	5089537	5053893	5044027	1.01	cps
Titanium	47-1	6947506	7046611	7067027	7020381	0.91	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 14:54:42	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20131064	20141734	20212108	20161635	0.22	cps
Vanadium	51-2	1949009	1982533	1972408	1967983	0.87	cps
Yttrium	89-1	19272012	18844052	18550274	18888779	1.92	cps
Yttrium	89-2	4985722	4973691	5028727	4996047	0.58	cps
Zinc	66-2	4030880	3990468	3993668	4005005	0.56	cps
Zirconium	90-1	10086867	10229609	10155892	10157456	0.70	cps
Zirconium	91-1	2227557	2293541	2292126	2271075	1.66	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:00:42	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	267	177	223	20.19	cps
Antimony	121-1	977	1007	983	989	1.59	cps
Arsenic	75-2	3	10	10	8	49.52	cps
Barium	135-1	77	107	57	80	31.46	cps
Barium	137-1	147	123	160	143	12.95	cps
Beryllium	9-1	197	153	130	160	21.14	cps
Bismuth	209-1	11029215	10403586	10376613	10603138	3.48	cps
Bismuth	209-2	9029661	8700373	8751467	8827167	2.01	cps
Bromine	81-1	15578	15532	15552	15554	0.15	cps
Bromine	81-2	167	157	213	179	16.91	cps
Cadmium	108-1	20	7	13	13	49.99	cps
Cadmium	106-1	4951	4677	4697	4775	3.19	cps
Cadmium	111-1	3472	3346	3332	3383	2.27	cps
Calcium	43-1	290	273	267	277	4.35	cps
Calcium	44-1	10067	10260	10020	10116	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1290	1573	1460	1441	9.90	cps
Cobalt	59-2	133	113	143	130	11.75	cps
Copper	63-2	1370	1357	1250	1326	4.96	cps
Dysprosium	156-1	13	7	3	8	65.47	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	80	133	60	91	41.61	cps
Erbium	164-2	30	40	73	48	47.49	cps
Gadolinium	160-1	60	57	67	61	8.33	cps
Gadolinium	160-2	710	673	690	691	2.66	cps
Holmium	165-1	17645380	17053359	16751420	17150053	2.65	cps
Holmium	165-2	12677352	11995526	11988931	12220603	3.24	cps
Indium	115-1	13924858	13249926	13324157	13499647	2.74	cps
Indium	115-2	5031813	4804268	4790296	4875459	2.78	cps
Iron	56-2	20290	20427	19686	20135	1.96	cps
Iron	57-2	1063	887	993	981	9.07	cps
Iron	54-2	2457	2367	2504	2442	2.84	cps
Krypton	83-1	223	247	243	238	5.31	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:00:42	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	950	817	853	873	7.89	cps
Lead	207-1	713	773	770	752	4.48	cps
Lead	208-1	3487	3344	3287	3372	3.06	cps
Lithium	6-1	2152346	2047799	2042978	2081041	2.97	cps
Magnesium	24-2	1140	1160	1083	1128	3.53	cps
Manganese	55-2	777	700	653	710	8.77	cps
Molybdenum	94-1	637	580	527	581	9.47	cps
Molybdenum	95-1	473	480	483	479	1.06	cps
Molybdenum	96-1	653	533	550	579	11.23	cps
Molybdenum	97-1	290	340	360	330	10.93	cps
Molybdenum	98-1	767	777	750	764	1.76	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	3	17	0	7	132.33	cps
Nickel	60-2	317	310	327	318	2.64	cps
Phosphorus	31-2	210	200	210	207	2.79	cps
Potassium	39-2	48975	48935	48654	48855	0.36	cps
Rhodium	103-1	12910224	12355469	12180616	12482103	3.05	cps
Rhodium	103-2	7674657	7377146	7349004	7466935	2.42	cps
Scandium	45-1	7198081	6873867	6891819	6987922	2.61	cps
Scandium	45-2	612833	590727	586837	596799	2.35	cps
Selenium	82-1	522	420	436	459	12.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	390	437	387	404	6.91	cps
Silicon	28-1	536674	539111	543600	539795	0.65	cps
Silver	107-1	363	360	343	356	3.01	cps
Silver	109-1	280	210	250	247	14.24	cps
Sodium	23-2	37439	37172	36874	37161	0.76	cps
Strontium	86-1	457	330	410	399	16.06	cps
Strontium	88-1	417	370	367	384	7.27	cps
Sulfur	34-1	171881	171942	172340	172054	0.14	cps
Terbium	159-1	18321883	17337555	17187639	17615693	3.50	cps
Terbium	159-2	12212504	11963371	11827463	12001113	1.63	cps
Thallium	203-1	1137	1217	1043	1132	7.66	cps
Thallium	205-1	2614	2707	2574	2631	2.60	cps
Tin	118-1	1503	1530	1707	1580	6.99	cps
Titanium	47-1	183	167	133	161	15.80	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:00:42	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	110	107	117	111	4.58	cps
Vanadium	51-2	23	13	13	17	34.65	cps
Yttrium	89-1	20699856	19956093	19862144	20172698	2.28	cps
Yttrium	89-2	5596265	5395897	5369325	5453829	2.27	cps
Zinc	66-2	240	317	263	273	14.38	cps
Zirconium	90-1	1013	977	987	992	1.91	cps
Zirconium	91-1	207	150	197	184	16.40	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:03:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	160	180	167	6.93	cps
Antimony	121-1	427	440	583	483	17.97	cps
Arsenic	75-2	13	13	13	13	0.00	cps
Barium	135-1	70	57	263	130	88.98	cps
Barium	137-1	93	67	387	182	97.45	cps
Beryllium	9-1	117	150	123	130	13.57	cps
Bismuth	209-1	10710272	10519737	10438820	10556276	1.32	cps
Bismuth	209-2	8837795	8653068	8632027	8707630	1.30	cps
Bromine	81-1	15739	16433	16393	16188	2.41	cps
Bromine	81-2	167	120	150	146	16.25	cps
Cadmium	108-1	20	3	17	13	66.16	cps
Cadmium	106-1	5018	4761	5088	4955	3.47	cps
Cadmium	111-1	3542	3350	3650	3514	4.32	cps
Calcium	43-1	197	220	297	238	22.00	cps
Calcium	44-1	9743	10117	10538	10133	3.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1267	1550	1357	1391	10.41	cps
Cobalt	59-2	170	130	197	166	20.27	cps
Copper	63-2	1240	1283	1217	1247	2.71	cps
Dysprosium	156-1	17	7	20	14	48.02	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	67	100	83	83	20.00	cps
Erbium	164-2	67	60	53	60	11.12	cps
Gadolinium	160-1	57	70	70	66	11.74	cps
Gadolinium	160-2	567	737	720	674	13.89	cps
Holmium	165-1	17182625	16974515	16780015	16979052	1.19	cps
Holmium	165-2	12104471	12060569	11892605	12019215	0.93	cps
Indium	115-1	13423771	13431081	13240216	13365023	0.81	cps
Indium	115-2	4859411	4814448	4839915	4837925	0.47	cps
Iron	56-2	18465	18655	18081	18400	1.59	cps
Iron	57-2	980	963	970	971	0.86	cps
Iron	54-2	2427	2420	2437	2428	0.35	cps
Krypton	83-1	207	223	187	206	8.93	cps

500

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:03:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	670	633	890	731	18.99	cps
Lead	207-1	557	593	717	622	13.47	cps
Lead	208-1	2603	2683	3534	2940	17.54	cps
Lithium	6-1	2093612	2081205	2061063	2078627	0.79	cps
Magnesium	24-2	863	753	837	818	7.02	cps
Manganese	55-2	610	670	643	641	4.69	cps
Molybdenum	94-1	483	400	5298	2060	136.09	cps
Molybdenum	95-1	297	297	7665	2753	154.54	cps
Molybdenum	96-1	420	383	6606	2470	145.04	cps
Molybdenum	97-1	163	177	2727	1022	144.40	cps
Molybdenum	98-1	487	430	5982	2300	138.69	cps
Neodymium	150-1	13	10	0	8	89.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	300	317	307	308	2.72	cps
Phosphorus	31-2	203	223	197	208	6.68	cps
Potassium	39-2	48437	49420	49353	49070	1.12	cps
Rhodium	103-1	12516709	12548886	12295711	12453769	1.11	cps
Rhodium	103-2	7441641	7419886	7400990	7420839	0.27	cps
Scandium	45-1	7053751	7090789	6962828	7035789	0.94	cps
Scandium	45-2	601451	600057	593922	598477	0.67	cps
Selenium	82-1	533	483	478	498	6.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	430	343	417	397	11.77	cps
Silicon	28-1	567836	564032	567846	566571	0.39	cps
Silver	107-1	230	310	670	403	58.13	cps
Silver	109-1	203	147	383	244	50.56	cps
Sodium	23-2	28921	27558	28069	28182	2.44	cps
Strontium	86-1	437	390	507	444	13.21	cps
Strontium	88-1	390	353	1485	743	86.57	cps
Sulfur	34-1	179001	177305	176641	177649	0.69	cps
Terbium	159-1	17753391	17375221	17266615	17465076	1.46	cps
Terbium	159-2	11829228	11791900	11835030	11818719	0.20	cps
Thallium	203-1	990	997	960	982	1.99	cps
Thallium	205-1	2300	2340	2367	2336	1.44	cps
Tin	118-1	1520	1647	1737	1635	6.66	cps
Titanium	47-1	110	90	123	108	15.57	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:03:58	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	47	197	92	98.36	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	20051378	20286730	19797996	20045368	1.22	cps
Yttrium	89-2	5464235	5421181	5419290	5434902	0.47	cps
Zinc	66-2	253	287	223	254	12.45	cps
Zirconium	90-1	900	873	2667	1480	69.45	cps
Zirconium	91-1	133	210	737	360	91.26	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11261	11438	11775	11491	2.27	cps
Antimony	121-1	54643	54770	54670	54695	0.12	cps
Arsenic	75-2	1580	1483	1437	1500	4.87	cps
Barium	135-1	67328	68966	68068	68121	1.20	cps
Barium	137-1	117968	118650	118875	118497	0.40	cps
Beryllium	9-1	3587	3594	3350	3510	3.95	cps
Bismuth	209-1	10703070	10523047	10408851	10544989	1.41	cps
Bismuth	209-2	8615793	8792404	8683744	8697314	1.02	cps
Bromine	81-1	16236	16319	17017	16524	2.59	cps
Bromine	81-2	143	123	183	150	20.37	cps
Cadmium	108-1	530	547	567	548	3.35	cps
Cadmium	106-1	6335	5871	6098	6101	3.80	cps
Cadmium	111-1	11379	10989	10967	11112	2.08	cps
Calcium	43-1	35762	35943	36303	36003	0.77	cps
Calcium	44-1	591222	589102	586898	589074	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21389	21011	21312	21237	0.94	cps
Cobalt	59-2	16733	16459	16826	16673	1.14	cps
Copper	63-2	25706	26163	26156	26008	1.01	cps
Dysprosium	156-1	17	17	7	13	43.29	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	63	107	83	84	25.69	cps
Erbium	164-2	63	53	50	56	12.49	cps
Gadolinium	160-1	103	87	80	90	13.35	cps
Gadolinium	160-2	640	703	740	694	7.29	cps
Holmium	165-1	17459458	17347673	17051110	17286080	1.22	cps
Holmium	165-2	12025112	12239322	12100620	12121685	0.90	cps
Indium	115-1	13675539	13327864	13238150	13413851	1.72	cps
Indium	115-2	4915068	4903898	4936984	4918650	0.34	cps
Iron	56-2	1946789	1959869	1971262	1959307	0.63	cps
Iron	57-2	51993	51127	51174	51431	0.95	cps
Iron	54-2	111908	111636	111250	111598	0.30	cps
Krypton	83-1	197	217	203	206	4.95	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22338	22909	22622	22623	1.26	cps
Lead	207-1	19441	19137	19704	19427	1.46	cps
Lead	208-1	89355	89636	89287	89426	0.21	cps
Lithium	6-1	2096548	2068348	2058384	2074427	0.95	cps
Magnesium	24-2	436869	436380	434807	436019	0.25	cps
Manganese	55-2	9096	9250	8739	9028	2.90	cps
Molybdenum	94-1	55010	54916	54842	54923	0.15	cps
Molybdenum	95-1	65911	66590	66406	66302	0.53	cps
Molybdenum	96-1	73641	74284	74730	74218	0.74	cps
Molybdenum	97-1	41255	42321	42542	42039	1.64	cps
Molybdenum	98-1	108385	107751	107260	107798	0.52	cps
Neodymium	150-1	13	17	20	17	20.01	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	4817	4551	4634	4667	2.92	cps
Phosphorus	31-2	843	857	833	844	1.39	cps
Potassium	39-2	650749	649930	647716	649465	0.24	cps
Rhodium	103-1	12675876	12441124	12364190	12493730	1.30	cps
Rhodium	103-2	7529209	7605336	7479241	7537929	0.84	cps
Scandium	45-1	7188621	7046968	7016081	7083890	1.30	cps
Scandium	45-2	608254	603542	603750	605182	0.44	cps
Selenium	82-1	2754	2512	2548	2605	5.02	cps
Selenium	77-2	260	250	253	254	2.00	cps
Selenium	78-2	1143	1170	1157	1157	1.15	cps
Silicon	28-1	700167	700340	703718	701408	0.29	cps
Silver	107-1	35159	35664	33863	34895	2.66	cps
Silver	109-1	32704	32480	33048	32744	0.87	cps
Sodium	23-2	722926	724147	721597	722890	0.18	cps
Strontium	86-1	8759	8663	9030	8817	2.16	cps
Strontium	88-1	74682	75318	75888	75296	0.80	cps
Sulfur	34-1	184668	185576	187141	185795	0.67	cps
Terbium	159-1	17808106	17509121	17654736	17657321	0.85	cps
Terbium	159-2	11782661	11919734	11877672	11860022	0.59	cps
Thallium	203-1	27224	27411	26706	27114	1.35	cps
Thallium	205-1	66052	67259	65969	66427	1.09	cps
Tin	118-1	117326	115832	116130	116429	0.68	cps
Titanium	47-1	3821	4041	3954	3938	2.81	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	81075	80518	80152	80582	0.58	cps
Vanadium	51-2	45147	46204	45759	45703	1.16	cps
Yttrium	89-1	20642472	20080200	20041140	20254604	1.66	cps
Yttrium	89-2	5532491	5489128	5492666	5504762	0.44	cps
Zinc	66-2	10487	10254	10704	10482	2.15	cps
Zirconium	90-1	44885	46029	45657	45524	1.28	cps
Zirconium	91-1	10110	10277	10344	10244	1.17	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:10:32	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	190	140	154	20.05	cps
Antimony	121-1	217	193	200	203	5.91	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	73	40	80	64	33.25	cps
Barium	137-1	133	110	130	124	10.14	cps
Beryllium	9-1	107	90	120	106	14.24	cps
Bismuth	209-1	10473264	10496074	10435990	10468443	0.29	cps
Bismuth	209-2	8597021	8770093	8706533	8691216	1.01	cps
Bromine	81-1	17163	16576	16793	16844	1.76	cps
Bromine	81-2	187	163	127	159	19.04	cps
Cadmium	108-1	3	10	30	14	96.09	cps
Cadmium	106-1	5434	5198	5154	5262	2.87	cps
Cadmium	111-1	3825	3655	3624	3701	2.93	cps
Calcium	43-1	283	257	237	259	9.04	cps
Calcium	44-1	10417	10271	9730	10139	3.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1397	1517	1417	1443	4.45	cps
Cobalt	59-2	120	220	127	156	35.94	cps
Copper	63-2	1193	1243	1207	1215	2.13	cps
Dysprosium	156-1	7	7	0	4	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	73	67	60	67	10.00	cps
Erbium	164-2	57	63	53	58	8.81	cps
Gadolinium	160-1	67	90	97	84	18.65	cps
Gadolinium	160-2	700	647	613	653	6.69	cps
Holmium	165-1	17109900	16918622	16869821	16966114	0.75	cps
Holmium	165-2	11877946	12106530	12070844	12018440	1.02	cps
Indium	115-1	13339738	13446535	13563763	13450012	0.83	cps
Indium	115-2	4894723	4895657	4910321	4900234	0.18	cps
Iron	56-2	19096	18542	18745	18794	1.49	cps
Iron	57-2	920	873	1000	931	6.88	cps
Iron	54-2	2627	2454	2397	2492	4.81	cps
Krypton	83-1	190	240	243	224	13.31	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:10:32	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	630	610	607	616	2.05	cps
Lead	207-1	530	470	480	493	6.52	cps
Lead	208-1	2393	2333	2257	2328	2.94	cps
Lithium	6-1	2067138	2010857	2095305	2057767	2.09	cps
Magnesium	24-2	877	870	800	849	5.00	cps
Manganese	55-2	627	687	550	621	11.03	cps
Molybdenum	94-1	423	453	360	412	11.56	cps
Molybdenum	95-1	250	207	220	226	9.84	cps
Molybdenum	96-1	307	277	373	319	15.52	cps
Molybdenum	97-1	173	117	137	142	20.21	cps
Molybdenum	98-1	367	420	327	371	12.62	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	360	280	347	329	13.03	cps
Phosphorus	31-2	197	203	217	206	4.95	cps
Potassium	39-2	50647	50674	50256	50526	0.46	cps
Rhodium	103-1	12705878	12453616	12533621	12564372	1.03	cps
Rhodium	103-2	7491259	7540543	7576247	7536016	0.57	cps
Scandium	45-1	7147070	7120093	7117893	7128352	0.23	cps
Scandium	45-2	608350	612258	611149	610586	0.33	cps
Selenium	82-1	561	430	495	495	13.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	463	410	360	411	12.57	cps
Silicon	28-1	579311	583806	585134	582751	0.52	cps
Silver	107-1	353	270	297	307	13.88	cps
Silver	109-1	247	227	223	232	5.43	cps
Sodium	23-2	22133	21592	21986	21903	1.28	cps
Strontium	86-1	440	403	423	422	4.35	cps
Strontium	88-1	393	397	377	389	2.75	cps
Sulfur	34-1	187880	187262	185700	186947	0.60	cps
Terbium	159-1	17520893	17450405	17405566	17458955	0.33	cps
Terbium	159-2	11904975	11986748	11865769	11919164	0.52	cps
Thallium	203-1	837	747	750	778	6.56	cps
Thallium	205-1	2020	1827	1947	1931	5.05	cps
Tin	118-1	1567	1513	1493	1525	2.49	cps
Titanium	47-1	57	80	70	69	16.99	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:10:32	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	40	10	32	60.62	cps
Vanadium	51-2	7	27	13	16	65.47	cps
Yttrium	89-1	20538417	20260077	20246529	20348341	0.81	cps
Yttrium	89-2	5523020	5520574	5537366	5526987	0.16	cps
Zinc	66-2	540	563	610	571	6.24	cps
Zirconium	90-1	747	873	793	804	7.96	cps
Zirconium	91-1	163	180	197	180	9.26	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:13:50	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12072	12125	12081	12093	0.23	cps
Antimony	121-1	54693	55958	56544	55732	1.70	cps
Arsenic	75-2	1537	1397	1427	1453	5.07	cps
Barium	135-1	70316	70935	70168	70473	0.58	cps
Barium	137-1	121228	121080	122879	121729	0.82	cps
Beryllium	9-1	3617	3617	3374	3536	3.97	cps
Bismuth	209-1	10700053	10558739	10423336	10560709	1.31	cps
Bismuth	209-2	8749365	8774027	8658853	8727415	0.69	cps
Bromine	81-1	18505	17657	17664	17942	2.72	cps
Bromine	81-2	177	167	107	150	25.24	cps
Cadmium	108-1	593	553	580	576	3.54	cps
Cadmium	106-1	6265	5795	6221	6094	4.26	cps
Cadmium	111-1	11112	10994	11204	11103	0.95	cps
Calcium	43-1	37800	37125	37714	37546	0.98	cps
Calcium	44-1	606505	607332	607476	607104	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21976	21963	21606	21848	0.96	cps
Cobalt	59-2	17500	16943	17544	17329	1.93	cps
Copper	63-2	26841	26620	26393	26618	0.84	cps
Dysprosium	156-1	17	17	10	14	26.66	cps
Dysprosium	156-2	10	7	23	13	66.12	cps
Erbium	164-1	107	70	103	93	21.72	cps
Erbium	164-2	70	53	50	58	18.55	cps
Gadolinium	160-1	70	60	60	63	9.12	cps
Gadolinium	160-2	670	727	687	694	4.19	cps
Holmium	165-1	17598695	17145777	17193758	17312743	1.44	cps
Holmium	165-2	12047053	12229448	12133599	12136700	0.75	cps
Indium	115-1	13750037	13603708	13536823	13630190	0.80	cps
Indium	115-2	4852636	4939431	4901831	4897966	0.89	cps
Iron	56-2	2027500	2003111	1995488	2008700	0.83	cps
Iron	57-2	52411	52495	52735	52547	0.32	cps
Iron	54-2	115791	114669	114101	114854	0.75	cps
Krypton	83-1	227	283	223	244	13.79	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:13:50	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22706	22786	22666	22719	0.27	cps
Lead	207-1	19644	19614	19831	19697	0.60	cps
Lead	208-1	90508	91020	90792	90774	0.28	cps
Lithium	6-1	2132761	2049428	2063195	2081794	2.15	cps
Magnesium	24-2	451738	448742	448763	449748	0.38	cps
Manganese	55-2	9500	9350	9263	9371	1.28	cps
Molybdenum	94-1	55685	56391	55749	55942	0.70	cps
Molybdenum	95-1	69303	69671	69129	69368	0.40	cps
Molybdenum	96-1	76569	75842	76991	76467	0.76	cps
Molybdenum	97-1	42538	43167	42625	42777	0.80	cps
Molybdenum	98-1	110688	111276	111045	111003	0.27	cps
Neodymium	150-1	23	17	20	20	16.65	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	4754	4631	4434	4606	3.50	cps
Phosphorus	31-2	953	970	787	903	11.22	cps
Potassium	39-2	671477	667328	666996	668600	0.37	cps
Rhodium	103-1	12982283	12468530	12866976	12772596	2.11	cps
Rhodium	103-2	7520506	7562000	7499821	7527442	0.42	cps
Scandium	45-1	7305484	7219312	7294217	7273004	0.64	cps
Scandium	45-2	616971	617951	613559	616160	0.37	cps
Selenium	82-1	2692	2573	2668	2644	2.39	cps
Selenium	77-2	257	193	233	228	14.06	cps
Selenium	78-2	1157	1380	1100	1212	12.21	cps
Silicon	28-1	702124	715662	718681	712156	1.24	cps
Silver	107-1	35036	35761	36122	35639	1.55	cps
Silver	109-1	33258	34103	34591	33984	1.98	cps
Sodium	23-2	738724	736151	735682	736853	0.22	cps
Strontium	86-1	9160	9003	8726	8963	2.45	cps
Strontium	88-1	76622	76249	77962	76944	1.17	cps
Sulfur	34-1	189786	192698	192583	191689	0.86	cps
Terbium	159-1	17866634	17756488	17694055	17772393	0.49	cps
Terbium	159-2	11967690	11912730	11924371	11934930	0.24	cps
Thallium	203-1	27829	27511	27869	27736	0.71	cps
Thallium	205-1	65919	65926	68173	66672	1.95	cps
Tin	118-1	118730	118445	120038	119071	0.71	cps
Titanium	47-1	4124	3914	4177	4072	3.42	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:13:50	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83194	82792	83043	83010	0.24	cps
Vanadium	51-2	46625	46802	46371	46599	0.47	cps
Yttrium	89-1	20660747	20571249	20336060	20522685	0.82	cps
Yttrium	89-2	5522188	5596705	5511657	5543517	0.84	cps
Zinc	66-2	11228	10631	10891	10916	2.74	cps
Zirconium	90-1	46724	47172	46878	46925	0.49	cps
Zirconium	91-1	10430	10104	10914	10483	3.89	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BL	Instrumnet Name :	P7
Client Sample ID :	PBS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:17:05	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	763	737	703	734	4.09	cps
Antimony	121-1	133	133	177	148	16.93	cps
Arsenic	75-2	20	10	0	10	100.00	cps
Barium	135-1	97	80	57	78	25.83	cps
Barium	137-1	110	117	97	108	9.45	cps
Beryllium	9-1	83	80	83	82	2.34	cps
Bismuth	209-1	10408580	10403627	10319130	10377113	0.48	cps
Bismuth	209-2	8507966	8666866	8692569	8622467	1.16	cps
Bromine	81-1	17424	16993	16733	17050	2.05	cps
Bromine	81-2	120	117	183	140	26.83	cps
Cadmium	108-1	20	10	13	14	35.26	cps
Cadmium	106-1	5384	5354	5058	5265	3.43	cps
Cadmium	111-1	3768	3761	3551	3693	3.34	cps
Calcium	43-1	320	233	227	260	20.03	cps
Calcium	44-1	10477	10538	10641	10552	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1450	1623	1413	1496	7.50	cps
Cobalt	59-2	157	140	123	140	11.90	cps
Copper	63-2	1250	1253	1283	1262	1.45	cps
Dysprosium	156-1	20	7	17	14	48.02	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	103	80	93	92	12.69	cps
Erbium	164-2	50	60	57	56	9.17	cps
Gadolinium	160-1	57	63	73	64	13.01	cps
Gadolinium	160-2	643	760	657	687	9.30	cps
Holmium	165-1	17187715	17102561	16677056	16989111	1.61	cps
Holmium	165-2	11784422	12128967	12027151	11980180	1.48	cps
Indium	115-1	13499011	13460210	13232160	13397127	1.08	cps
Indium	115-2	4899447	4976038	4929798	4935095	0.78	cps
Iron	56-2	19302	18802	19499	19201	1.87	cps
Iron	57-2	1060	1067	950	1026	6.39	cps
Iron	54-2	2624	2424	2700	2582	5.53	cps
Krypton	83-1	190	190	227	202	10.47	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BL	Instrumnet Name :	P7
Client Sample ID :	PBS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:17:05	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	530	593	440	521	14.79	cps
Lead	207-1	493	467	363	441	15.57	cps
Lead	208-1	2213	2140	2023	2126	4.51	cps
Lithium	6-1	2088898	2065488	2065231	2073205	0.66	cps
Magnesium	24-2	903	847	870	873	3.26	cps
Manganese	55-2	570	737	627	644	13.15	cps
Molybdenum	94-1	407	410	360	392	7.13	cps
Molybdenum	95-1	237	240	220	232	4.61	cps
Molybdenum	96-1	287	323	317	309	6.32	cps
Molybdenum	97-1	117	110	140	122	12.89	cps
Molybdenum	98-1	350	337	350	346	2.23	cps
Neodymium	150-1	10	10	13	11	17.30	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	343	293	373	337	12.00	cps
Phosphorus	31-2	210	177	177	188	10.25	cps
Potassium	39-2	51925	50975	51089	51329	1.01	cps
Rhodium	103-1	12722914	12693860	12520182	12645652	0.87	cps
Rhodium	103-2	7483065	7596283	7596687	7558678	0.87	cps
Scandium	45-1	7261284	7240263	7172463	7224670	0.64	cps
Scandium	45-2	617445	620941	617700	618695	0.32	cps
Selenium	82-1	526	548	492	522	5.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	467	457	463	462	1.10	cps
Silicon	28-1	607818	608871	607162	607950	0.14	cps
Silver	107-1	343	317	263	308	13.23	cps
Silver	109-1	260	237	157	218	24.89	cps
Sodium	23-2	20694	20631	20343	20556	0.91	cps
Strontium	86-1	387	330	410	376	10.95	cps
Strontium	88-1	380	320	387	362	10.14	cps
Sulfur	34-1	191365	192722	192361	192149	0.37	cps
Terbium	159-1	17401115	17486025	17289279	17392140	0.57	cps
Terbium	159-2	11850896	11914476	11697526	11820966	0.94	cps
Thallium	203-1	703	677	660	680	3.21	cps
Thallium	205-1	1753	1657	1727	1712	2.92	cps
Tin	118-1	1497	1657	1570	1575	5.09	cps
Titanium	47-1	110	47	83	80	39.75	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BL	Instrumnet Name :	P7
Client Sample ID :	PBS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:17:05	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	27	20	26	19.92	cps
Vanadium	51-2	27	17	13	19	36.75	cps
Yttrium	89-1	20398448	20522636	20185234	20368773	0.84	cps
Yttrium	89-2	5545370	5576784	5527356	5549837	0.45	cps
Zinc	66-2	297	283	270	283	4.70	cps
Zirconium	90-1	793	847	820	820	3.25	cps
Zirconium	91-1	137	180	197	171	18.10	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BS	Instrumnet Name :	P7
Client Sample ID :	LCS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:20:23	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11848	12192	11688	11909	2.16	cps
Antimony	121-1	55095	55804	55865	55588	0.77	cps
Arsenic	75-2	1523	1380	1487	1463	5.09	cps
Barium	135-1	69244	69813	69646	69568	0.42	cps
Barium	137-1	120855	120522	120781	120719	0.15	cps
Beryllium	9-1	3490	3470	3604	3522	2.04	cps
Bismuth	209-1	10420756	10311659	10157838	10296751	1.28	cps
Bismuth	209-2	8591235	8622432	8775796	8663154	1.14	cps
Bromine	81-1	17317	17387	16633	17112	2.43	cps
Bromine	81-2	107	133	130	123	11.78	cps
Cadmium	108-1	600	473	507	527	12.47	cps
Cadmium	106-1	5951	5831	6095	5959	2.21	cps
Cadmium	111-1	11078	11109	11330	11172	1.23	cps
Calcium	43-1	37005	37436	37018	37153	0.66	cps
Calcium	44-1	608054	609972	609788	609271	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22430	22206	22186	22274	0.61	cps
Cobalt	59-2	17620	17704	17874	17733	0.73	cps
Copper	63-2	27268	27358	26984	27204	0.72	cps
Dysprosium	156-1	0	13	17	10	88.20	cps
Dysprosium	156-2	0	20	30	17	91.65	cps
Erbium	164-1	103	83	70	86	19.61	cps
Erbium	164-2	63	73	50	62	18.81	cps
Gadolinium	160-1	77	53	77	69	19.56	cps
Gadolinium	160-2	727	707	653	696	5.45	cps
Holmium	165-1	17221285	17128334	16918374	17089331	0.91	cps
Holmium	165-2	12199043	12103137	12163586	12155255	0.40	cps
Indium	115-1	13620379	13378762	13458167	13485769	0.91	cps
Indium	115-2	4980471	4993542	5020814	4998275	0.41	cps
Iron	56-2	2056581	2090545	2050769	2065965	1.04	cps
Iron	57-2	53575	53762	53615	53651	0.18	cps
Iron	54-2	117258	116046	116687	116664	0.52	cps
Krypton	83-1	277	233	230	247	10.55	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BS	Instrumnet Name :	P7
Client Sample ID :	LCS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:20:23	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22101	22626	22275	22334	1.20	cps
Lead	207-1	19280	19227	19247	19251	0.14	cps
Lead	208-1	87934	88629	88787	88450	0.51	cps
Lithium	6-1	2116090	2072259	2038992	2075780	1.86	cps
Magnesium	24-2	456726	456673	458499	457299	0.23	cps
Manganese	55-2	9523	9183	9506	9404	2.04	cps
Molybdenum	94-1	56170	56093	56549	56271	0.43	cps
Molybdenum	95-1	68298	68231	67983	68171	0.24	cps
Molybdenum	96-1	76562	77960	76495	77006	1.07	cps
Molybdenum	97-1	42405	43110	42475	42663	0.91	cps
Molybdenum	98-1	110097	109872	110188	110053	0.15	cps
Neodymium	150-1	17	13	13	14	13.35	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	4984	4827	5104	4972	2.79	cps
Phosphorus	31-2	903	963	900	922	3.86	cps
Potassium	39-2	684194	681622	688278	684698	0.49	cps
Rhodium	103-1	12823184	12719212	12688281	12743559	0.55	cps
Rhodium	103-2	7655515	7604582	7692324	7650807	0.58	cps
Scandium	45-1	7334073	7326701	7221708	7294161	0.86	cps
Scandium	45-2	627763	626120	634670	629517	0.72	cps
Selenium	82-1	2752	2727	2880	2787	2.94	cps
Selenium	77-2	227	240	200	222	9.17	cps
Selenium	78-2	1157	1220	1243	1207	3.72	cps
Silicon	28-1	758408	758022	761192	759207	0.23	cps
Silver	107-1	35791	35714	35971	35825	0.37	cps
Silver	109-1	33272	34581	34444	34099	2.11	cps
Sodium	23-2	754934	748347	752795	752026	0.45	cps
Strontium	86-1	8879	9090	9093	9021	1.36	cps
Strontium	88-1	77047	76340	76722	76703	0.46	cps
Sulfur	34-1	197461	197306	196155	196974	0.36	cps
Terbium	159-1	17730463	17464600	17619172	17604745	0.76	cps
Terbium	159-2	11933159	11849864	12237797	12006940	1.70	cps
Thallium	203-1	27608	27889	27615	27704	0.58	cps
Thallium	205-1	64813	65121	66699	65545	1.54	cps
Tin	118-1	117404	116644	119679	117909	1.34	cps
Titanium	47-1	4041	4134	4087	4087	1.14	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165819BS	Instrumnet Name :	P7
Client Sample ID :	LCS819	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:20:23	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79345	79864	79871	79693	0.38	cps
Vanadium	51-2	47849	46622	48100	47523	1.66	cps
Yttrium	89-1	20512464	20380597	20433155	20442072	0.32	cps
Yttrium	89-2	5680269	5623929	5657870	5654023	0.50	cps
Zinc	66-2	12082	12205	12419	12235	1.39	cps
Zirconium	90-1	46320	46871	47022	46737	0.79	cps
Zirconium	91-1	10507	10584	10167	10419	2.13	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BL	Instrumnet Name :	P7
Client Sample ID :	PBS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:23:41	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420	330	370	373	12.08	cps
Antimony	121-1	73	83	127	94	30.02	cps
Arsenic	75-2	7	3	17	9	78.08	cps
Barium	135-1	63	70	83	72	14.10	cps
Barium	137-1	120	107	133	120	11.11	cps
Beryllium	9-1	80	107	63	83	26.23	cps
Bismuth	209-1	10565337	10444835	9125999	10045390	7.95	cps
Bismuth	209-2	8803164	8652027	8765619	8740270	0.90	cps
Bromine	81-1	18031	17707	17597	17779	1.27	cps
Bromine	81-2	120	180	177	159	21.22	cps
Cadmium	108-1	17	17	3	12	63.01	cps
Cadmium	106-1	5414	5204	4511	5043	9.38	cps
Cadmium	111-1	3808	3651	3179	3546	9.25	cps
Calcium	43-1	310	297	283	297	4.49	cps
Calcium	44-1	11064	11508	11061	11211	2.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1520	1397	1560	1492	5.71	cps
Cobalt	59-2	177	120	143	147	19.42	cps
Copper	63-2	1337	1330	1127	1265	9.44	cps
Dysprosium	156-1	13	3	7	8	65.47	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	93	103	67	88	21.59	cps
Erbium	164-2	47	60	77	61	24.60	cps
Gadolinium	160-1	77	77	63	72	10.66	cps
Gadolinium	160-2	757	713	777	749	4.32	cps
Holmium	165-1	17158339	17034811	14905093	16366081	7.74	cps
Holmium	165-2	12198737	12214521	12091604	12168287	0.55	cps
Indium	115-1	13693739	13545243	11850012	13029664	7.86	cps
Indium	115-2	5052370	4986048	4976199	5004872	0.83	cps
Iron	56-2	26974	27191	27105	27090	0.40	cps
Iron	57-2	1230	1260	1287	1259	2.25	cps
Iron	54-2	2907	2970	2877	2918	1.63	cps
Krypton	83-1	217	210	233	220	5.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BL	Instrumnet Name :	P7
Client Sample ID :	PBS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:23:41	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	463	460	547	490	10.02	cps
Lead	207-1	377	437	483	432	12.37	cps
Lead	208-1	1897	1880	1980	1919	2.79	cps
Lithium	6-1	2060495	2074777	1844329	1993200	6.48	cps
Magnesium	24-2	810	817	803	810	0.82	cps
Manganese	55-2	817	700	683	733	9.91	cps
Molybdenum	94-1	437	413	367	406	8.79	cps
Molybdenum	95-1	227	270	197	231	15.95	cps
Molybdenum	96-1	323	350	313	329	5.76	cps
Molybdenum	97-1	180	127	163	157	17.41	cps
Molybdenum	98-1	303	393	323	340	13.90	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	343	447	383	391	13.32	cps
Phosphorus	31-2	233	220	237	230	3.84	cps
Potassium	39-2	52861	52868	52440	52723	0.46	cps
Rhodium	103-1	12946859	12760040	11064052	12256984	8.46	cps
Rhodium	103-2	7690640	7663814	7740415	7698290	0.50	cps
Scandium	45-1	7433208	7369164	6352042	7051471	8.60	cps
Scandium	45-2	637046	630811	633696	633851	0.49	cps
Selenium	82-1	557	599	383	513	22.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	453	490	533	492	8.14	cps
Silicon	28-1	630596	635649	631724	632656	0.42	cps
Silver	107-1	300	317	267	294	8.65	cps
Silver	109-1	277	160	230	222	26.42	cps
Sodium	23-2	19225	19512	19299	19346	0.77	cps
Strontium	86-1	457	360	413	410	11.81	cps
Strontium	88-1	360	390	323	358	9.33	cps
Sulfur	34-1	197287	196315	194835	196145	0.63	cps
Terbium	159-1	17794850	17706579	15066270	16855900	9.20	cps
Terbium	159-2	11956856	12052561	11917706	11975708	0.58	cps
Thallium	203-1	547	700	590	612	12.91	cps
Thallium	205-1	1497	1560	1493	1517	2.48	cps
Tin	118-1	1550	1697	1640	1629	4.54	cps
Titanium	47-1	67	97	113	92	25.64	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BL	Instrumnet Name :	P7
Client Sample ID :	PBS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:23:41	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	63	23	44	45.21	cps
Vanadium	51-2	7	3	17	9	78.08	cps
Yttrium	89-1	20673479	20545590	17865916	19694995	8.05	cps
Yttrium	89-2	5629472	5658995	5647763	5645410	0.26	cps
Zinc	66-2	297	247	267	270	9.32	cps
Zirconium	90-1	903	747	783	811	10.10	cps
Zirconium	91-1	197	173	137	169	17.91	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BS	Instrumnet Name :	P7
Client Sample ID :	LCS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:27:01	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12445	12072	12172	12229	1.58	cps
Antimony	121-1	55323	56604	56564	56164	1.30	cps
Arsenic	75-2	1523	1733	1563	1607	6.94	cps
Barium	135-1	70597	71931	71947	71492	1.08	cps
Barium	137-1	123195	122105	123487	122929	0.59	cps
Beryllium	9-1	3457	3557	3524	3513	1.45	cps
Bismuth	209-1	10694995	10454263	10283979	10477746	1.97	cps
Bismuth	209-2	8701934	8799022	8639144	8713367	0.92	cps
Bromine	81-1	17654	17824	17911	17796	0.73	cps
Bromine	81-2	197	150	123	157	23.69	cps
Cadmium	108-1	570	547	537	551	3.10	cps
Cadmium	106-1	6441	6201	6105	6249	2.78	cps
Cadmium	111-1	11405	11697	11323	11475	1.71	cps
Calcium	43-1	37319	37673	37506	37500	0.47	cps
Calcium	44-1	616128	624955	622402	621162	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22917	22817	22447	22727	1.09	cps
Cobalt	59-2	18395	17917	18144	18152	1.32	cps
Copper	63-2	27632	27111	27275	27339	0.97	cps
Dysprosium	156-1	3	27	0	10	145.32	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	60	80	83	74	16.95	cps
Erbium	164-2	53	43	73	57	26.96	cps
Gadolinium	160-1	53	57	70	60	14.70	cps
Gadolinium	160-2	667	690	663	673	2.16	cps
Holmium	165-1	17558186	16842160	17022877	17141074	2.17	cps
Holmium	165-2	12240600	12156265	12236063	12210976	0.39	cps
Indium	115-1	13916548	13697598	13603876	13739340	1.17	cps
Indium	115-2	5005534	5005521	4905399	4972151	1.16	cps
Iron	56-2	2074912	2120692	2112212	2102605	1.16	cps
Iron	57-2	54933	55599	54609	55047	0.92	cps
Iron	54-2	118649	119614	119368	119210	0.42	cps
Krypton	83-1	167	220	253	213	20.49	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BS	Instrumnet Name :	P7
Client Sample ID :	LCS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:27:01	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22365	23053	22759	22726	1.52	cps
Lead	207-1	19524	19955	19023	19501	2.39	cps
Lead	208-1	88733	89862	88961	89185	0.67	cps
Lithium	6-1	2094523	2111504	2068723	2091583	1.03	cps
Magnesium	24-2	464460	465242	462304	464002	0.33	cps
Manganese	55-2	9847	9700	9833	9793	0.83	cps
Molybdenum	94-1	57710	57619	56636	57322	1.04	cps
Molybdenum	95-1	69564	70087	70753	70135	0.85	cps
Molybdenum	96-1	77695	76934	77175	77268	0.50	cps
Molybdenum	97-1	43551	44003	44023	43859	0.61	cps
Molybdenum	98-1	112220	114562	111874	112885	1.30	cps
Neodymium	150-1	20	3	10	11	75.52	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	5241	4868	4654	4921	6.04	cps
Phosphorus	31-2	933	963	970	956	2.04	cps
Potassium	39-2	693814	694646	692201	693554	0.18	cps
Rhodium	103-1	13154100	12921190	12911997	12995762	1.06	cps
Rhodium	103-2	7703483	7762803	7696921	7721069	0.47	cps
Scandium	45-1	7506207	7478235	7415928	7466790	0.62	cps
Scandium	45-2	639353	641495	634631	638493	0.55	cps
Selenium	82-1	2736	2624	2716	2692	2.23	cps
Selenium	77-2	267	220	240	242	9.67	cps
Selenium	78-2	1320	1323	1413	1352	3.92	cps
Silicon	28-1	769864	771606	774568	772013	0.31	cps
Silver	107-1	35527	36706	37051	36428	2.19	cps
Silver	109-1	33171	35019	34819	34336	2.95	cps
Sodium	23-2	760689	758869	759415	759658	0.12	cps
Strontium	86-1	8739	9056	8919	8905	1.78	cps
Strontium	88-1	77409	78555	79118	78361	1.11	cps
Sulfur	34-1	201851	202246	200686	201594	0.40	cps
Terbium	159-1	18217990	17528104	17708307	17818134	2.01	cps
Terbium	159-2	12209387	12188319	12015384	12137697	0.88	cps
Thallium	203-1	27194	27484	27585	27421	0.74	cps
Thallium	205-1	66230	66491	66585	66435	0.28	cps
Tin	118-1	120385	120868	120502	120585	0.21	cps
Titanium	47-1	4301	4184	4211	4232	1.45	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165760BS	Instrumnet Name :	P7
Client Sample ID :	LCS760	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:27:01	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	80837	80911	79817	80522	0.76	cps
Vanadium	51-2	47434	48484	48320	48080	1.17	cps
Yttrium	89-1	21116322	20822088	20704013	20880808	1.02	cps
Yttrium	89-2	5742070	5660592	5712922	5705195	0.72	cps
Zinc	66-2	11364	11288	11088	11247	1.27	cps
Zirconium	90-1	47356	47781	47898	47678	0.60	cps
Zirconium	91-1	10290	10310	10777	10459	2.63	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:30:19	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2850084	2796279	2798730	2815031	1.08	cps
Antimony	121-1	49956	49017	49505	49493	0.95	cps
Arsenic	75-2	44537	44717	43584	44279	1.38	cps
Barium	135-1	110364	110477	110632	110491	0.12	cps
Barium	137-1	190532	194873	192165	192523	1.14	cps
Beryllium	9-1	440	450	497	462	6.54	cps
Bismuth	209-1	10671707	10856205	10681738	10736550	0.97	cps
Bismuth	209-2	9004832	8964040	8912260	8960378	0.52	cps
Bromine	81-1	29626	29620	31514	30253	3.61	cps
Bromine	81-2	2647	2614	2810	2690	3.91	cps
Cadmium	108-1	200	200	190	197	2.94	cps
Cadmium	106-1	5798	5765	5658	5740	1.27	cps
Cadmium	111-1	5962	5899	5704	5855	2.29	cps
Calcium	43-1	118098	116315	117547	117320	0.78	cps
Calcium	44-1	1843072	1843815	1853770	1846886	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104553	105721	104167	104813	0.77	cps
Cobalt	59-2	62643	62449	61673	62255	0.82	cps
Copper	63-2	3872554	3830109	3828558	3843740	0.65	cps
Dysprosium	156-1	29721	30116	29738	29858	0.75	cps
Dysprosium	156-2	24802	24168	24445	24471	1.30	cps
Erbium	164-1	25874	25780	26288	25981	1.04	cps
Erbium	164-2	18819	18229	18345	18464	1.69	cps
Gadolinium	160-1	29688	30326	29742	29919	1.18	cps
Gadolinium	160-2	22732	22675	22892	22766	0.49	cps
Holmium	165-1	17748320	17738865	18137891	17875025	1.27	cps
Holmium	165-2	12630591	12476466	12511447	12539501	0.64	cps
Indium	115-1	14208734	14063274	14284045	14185351	0.79	cps
Indium	115-2	5112880	5126281	5120417	5119859	0.13	cps
Iron	56-2	78286909	76980536	76971096	77412847	0.98	cps
Iron	57-2	1961040	1940498	1920512	1940684	1.04	cps
Iron	54-2	4304990	4265664	4235862	4268839	0.81	cps
Krypton	83-1	307	267	270	281	7.89	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:30:19	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1134919	1121063	1143415	1133132	1.00	cps
Lead	207-1	972847	969998	978712	973852	0.46	cps
Lead	208-1	4500777	4511273	4485518	4499189	0.29	cps
Lithium	6-1	2106962	2128818	2121083	2118954	0.52	cps
Magnesium	24-2	1947200	1931429	1906847	1928492	1.05	cps
Manganese	55-2	800071	794774	785876	793574	0.90	cps
Molybdenum	94-1	31040	35015	31277	32444	6.87	cps
Molybdenum	95-1	7349	7595	7545	7496	1.74	cps
Molybdenum	96-1	13273	13436	13800	13503	2.00	cps
Molybdenum	97-1	4547	4871	4818	4745	3.65	cps
Molybdenum	98-1	11942	11932	11995	11956	0.29	cps
Neodymium	150-1	48861	49644	49577	49360	0.88	cps
Neodymium	150-2	29511	28649	29785	29315	2.02	cps
Nickel	60-2	53358	52468	51956	52594	1.35	cps
Phosphorus	31-2	13299	13249	13476	13341	0.89	cps
Potassium	39-2	814286	808078	801887	808084	0.77	cps
Rhodium	103-1	13152363	13193559	13221245	13189056	0.26	cps
Rhodium	103-2	7957833	7920006	7831070	7902970	0.82	cps
Scandium	45-1	7785954	7747836	7763392	7765727	0.25	cps
Scandium	45-2	665726	658429	659014	661056	0.61	cps
Selenium	82-1	608	677	753	679	10.70	cps
Selenium	77-2	107	97	103	102	4.98	cps
Selenium	78-2	687	517	587	597	14.32	cps
Silicon	28-1	9773849	9812285	9855054	9813730	0.41	cps
Silver	107-1	19930	19647	18939	19505	2.62	cps
Silver	109-1	18839	17871	17668	18126	3.45	cps
Sodium	23-2	3641730	3660973	3643720	3648808	0.29	cps
Strontium	86-1	125520	125499	126831	125950	0.61	cps
Strontium	88-1	1105771	1098946	1100617	1101778	0.32	cps
Sulfur	34-1	232885	229050	223358	228431	2.10	cps
Terbium	159-1	18348377	18222120	18208789	18259762	0.42	cps
Terbium	159-2	12467383	12342479	12346647	12385503	0.57	cps
Thallium	203-1	3547	2980	2980	3169	10.33	cps
Thallium	205-1	7816	7345	6995	7385	5.57	cps
Tin	118-1	32350	32286	32393	32343	0.17	cps
Titanium	47-1	869877	874075	865043	869665	0.52	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:30:19	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44882	43882	45327	44697	1.66	cps
Vanadium	51-2	211758	208611	207973	209447	0.97	cps
Yttrium	89-1	21924494	21776048	21861030	21853857	0.34	cps
Yttrium	89-2	5996609	5899694	5894461	5930254	0.97	cps
Zinc	66-2	99710	98616	96915	98414	1.43	cps
Zirconium	90-1	72518	73074	73248	72947	0.52	cps
Zirconium	91-1	16630	15805	16139	16191	2.56	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:33:29	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1697735	1723848	1727825	1716469	0.95	cps
Antimony	121-1	66078	65702	65639	65806	0.36	cps
Arsenic	75-2	17220	17400	17317	17312	0.52	cps
Barium	135-1	77942	77908	78361	78070	0.32	cps
Barium	137-1	136461	133264	135848	135191	1.26	cps
Beryllium	9-1	293	290	227	270	13.91	cps
Bismuth	209-1	10033902	11271633	10868131	10724555	5.89	cps
Bismuth	209-2	9047393	8892385	8979691	8973156	0.87	cps
Bromine	81-1	41719	43845	46279	43947	5.19	cps
Bromine	81-2	5608	5795	5534	5646	2.38	cps
Cadmium	108-1	190	140	193	174	17.13	cps
Cadmium	106-1	5331	5564	5618	5504	2.77	cps
Cadmium	111-1	5509	5721	5681	5637	2.00	cps
Calcium	43-1	154730	154682	153777	154396	0.35	cps
Calcium	44-1	2413771	2376611	2406936	2399106	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118534	117077	117658	117756	0.62	cps
Cobalt	59-2	53150	53107	53846	53368	0.78	cps
Copper	63-2	2124158	2117800	2096136	2112698	0.70	cps
Dysprosium	156-1	26726	25997	26014	26246	1.58	cps
Dysprosium	156-2	21880	20689	21563	21377	2.89	cps
Erbium	164-1	23577	24244	24301	24041	1.68	cps
Erbium	164-2	16750	16757	17137	16881	1.31	cps
Gadolinium	160-1	26635	26903	26418	26652	0.91	cps
Gadolinium	160-2	20689	19971	20218	20293	1.80	cps
Holmium	165-1	16544339	18656196	17953761	17718099	6.07	cps
Holmium	165-2	12652704	12531444	12478640	12554263	0.71	cps
Indium	115-1	12971012	14608998	13996428	13858812	5.97	cps
Indium	115-2	5044210	5098275	5027808	5056764	0.73	cps
Iron	56-2	54610169	54535403	54078233	54407935	0.53	cps
Iron	57-2	1352502	1361501	1359023	1357675	0.34	cps
Iron	54-2	3023903	2958898	2962884	2981895	1.22	cps
Krypton	83-1	243	293	307	281	11.88	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:33:29	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	528845	526768	532059	529224	0.50	cps
Lead	207-1	465212	465392	463456	464687	0.23	cps
Lead	208-1	2103086	2112304	2112412	2109267	0.25	cps
Lithium	6-1	1998086	2176056	2114097	2096080	4.31	cps
Magnesium	24-2	1877659	1854105	1853975	1861913	0.73	cps
Manganese	55-2	467321	465003	465125	465816	0.28	cps
Molybdenum	94-1	33455	33221	33542	33406	0.50	cps
Molybdenum	95-1	19303	19356	19219	19293	0.36	cps
Molybdenum	96-1	24848	25442	24935	25075	1.28	cps
Molybdenum	97-1	11985	12068	11842	11965	0.96	cps
Molybdenum	98-1	30545	30792	30919	30752	0.62	cps
Neodymium	150-1	42474	42470	41290	42078	1.62	cps
Neodymium	150-2	25019	25009	24752	24927	0.61	cps
Nickel	60-2	38693	38175	38453	38440	0.67	cps
Phosphorus	31-2	11027	11658	11638	11441	3.13	cps
Potassium	39-2	766112	764286	765729	765376	0.13	cps
Rhodium	103-1	12032641	13456576	13196015	12895078	5.88	cps
Rhodium	103-2	7826000	7778313	7807665	7803993	0.31	cps
Scandium	45-1	6975791	7746084	7634967	7452281	5.59	cps
Scandium	45-2	645564	644667	645666	645299	0.09	cps
Selenium	82-1	660	676	545	627	11.38	cps
Selenium	77-2	57	50	80	62	25.32	cps
Selenium	78-2	567	547	493	536	7.08	cps
Silicon	28-1	10293704	10283585	10205753	10261014	0.47	cps
Silver	107-1	12179	12299	12078	12185	0.90	cps
Silver	109-1	11478	11351	11154	11328	1.44	cps
Sodium	23-2	5231203	5126173	5191814	5183064	1.02	cps
Strontium	86-1	142842	141855	142555	142417	0.36	cps
Strontium	88-1	1249660	1250281	1248371	1249437	0.08	cps
Sulfur	34-1	335315	333674	334902	334630	0.26	cps
Terbium	159-1	17059730	19052271	18407750	18173250	5.59	cps
Terbium	159-2	12503604	12279313	12397026	12393314	0.91	cps
Thallium	203-1	4724	5224	5098	5015	5.18	cps
Thallium	205-1	12045	11815	12229	12030	1.72	cps
Tin	118-1	36643	36419	37546	36869	1.62	cps
Titanium	47-1	716255	720106	719290	718550	0.28	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:33:29	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	98733	97491	98144	98123	0.63	cps
Vanadium	51-2	108043	106677	107372	107364	0.64	cps
Yttrium	89-1	19852950	22314829	21846554	21338111	6.13	cps
Yttrium	89-2	5808729	5849956	5875925	5844870	0.58	cps
Zinc	66-2	124261	124144	124756	124387	0.26	cps
Zirconium	90-1	60217	60249	61080	60515	0.81	cps
Zirconium	91-1	13703	13433	13553	13563	1.00	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:36:36	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1706209	1734157	1729665	1723344	0.87	cps
Antimony	121-1	66680	66841	66175	66565	0.52	cps
Arsenic	75-2	17450	17494	18338	17761	2.82	cps
Barium	135-1	78662	78260	78739	78554	0.33	cps
Barium	137-1	135498	136421	137457	136459	0.72	cps
Beryllium	9-1	323	260	337	307	13.36	cps
Bismuth	209-1	10975520	11034522	10954875	10988306	0.38	cps
Bismuth	209-2	9163211	9035301	9012595	9070369	0.90	cps
Bromine	81-1	43641	45751	46988	45460	3.72	cps
Bromine	81-2	5941	5885	5805	5877	1.17	cps
Cadmium	108-1	197	177	213	196	9.39	cps
Cadmium	106-1	5348	5544	5514	5469	1.94	cps
Cadmium	111-1	5489	5691	5544	5575	1.87	cps
Calcium	43-1	155736	156787	155982	156169	0.35	cps
Calcium	44-1	2438302	2428482	2460766	2442517	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118931	119294	119129	119118	0.15	cps
Cobalt	59-2	53696	54930	54448	54358	1.14	cps
Copper	63-2	2154324	2136351	2114472	2135049	0.93	cps
Dysprosium	156-1	26405	26345	26422	26390	0.15	cps
Dysprosium	156-2	21690	22188	22037	21972	1.16	cps
Erbium	164-1	24689	24351	24421	24487	0.73	cps
Erbium	164-2	16713	16763	17157	16878	1.44	cps
Gadolinium	160-1	26756	27009	27243	27003	0.90	cps
Gadolinium	160-2	20238	21026	20265	20510	2.18	cps
Holmium	165-1	18467967	18141856	18277051	18295625	0.90	cps
Holmium	165-2	12790358	12686160	12825891	12767470	0.57	cps
Indium	115-1	14036149	14135334	14287617	14153033	0.89	cps
Indium	115-2	5110640	5109568	5114936	5111715	0.06	cps
Iron	56-2	54906458	55194593	54701654	54934235	0.45	cps
Iron	57-2	1386855	1390721	1373167	1383581	0.67	cps
Iron	54-2	2964010	3010683	2986601	2987098	0.78	cps
Krypton	83-1	247	237	270	251	6.81	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:36:36	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	540471	540318	540715	540501	0.04	cps
Lead	207-1	467251	470627	470751	469543	0.42	cps
Lead	208-1	2138933	2146835	2136703	2140824	0.25	cps
Lithium	6-1	2129322	2089230	2104208	2107587	0.96	cps
Magnesium	24-2	1906092	1878505	1854977	1879858	1.36	cps
Manganese	55-2	466136	472829	472595	470520	0.81	cps
Molybdenum	94-1	33589	34096	33966	33884	0.78	cps
Molybdenum	95-1	19640	19536	19493	19556	0.39	cps
Molybdenum	96-1	25486	25546	25472	25501	0.15	cps
Molybdenum	97-1	12158	11892	12399	12150	2.09	cps
Molybdenum	98-1	31591	30565	31571	31242	1.88	cps
Neodymium	150-1	42685	42223	42962	42623	0.88	cps
Neodymium	150-2	25012	25653	25052	25239	1.42	cps
Nickel	60-2	38904	39813	38563	39093	1.65	cps
Phosphorus	31-2	12035	11865	11528	11809	2.19	cps
Potassium	39-2	774097	773068	772137	773101	0.13	cps
Rhodium	103-1	13358009	13316094	13322778	13332293	0.17	cps
Rhodium	103-2	7878161	7964728	8000766	7947885	0.79	cps
Scandium	45-1	7645842	7667872	7605482	7639732	0.41	cps
Scandium	45-2	652043	652652	645558	650084	0.60	cps
Selenium	82-1	661	639	676	658	2.83	cps
Selenium	77-2	87	103	70	87	19.23	cps
Selenium	78-2	650	517	537	568	12.66	cps
Silicon	28-1	10224044	10231643	10287278	10247655	0.34	cps
Silver	107-1	11605	12088	12095	11929	2.36	cps
Silver	109-1	11418	11551	11525	11498	0.61	cps
Sodium	23-2	5199714	5109250	5190923	5166629	0.97	cps
Strontium	86-1	142919	143881	144659	143820	0.61	cps
Strontium	88-1	1257383	1266058	1272135	1265192	0.59	cps
Sulfur	34-1	330201	334234	335194	333209	0.80	cps
Terbium	159-1	18603970	18492397	18574903	18557090	0.31	cps
Terbium	159-2	12746804	12445076	12649614	12613831	1.22	cps
Thallium	203-1	4821	5004	5068	4964	2.58	cps
Thallium	205-1	11785	12142	12286	12071	2.13	cps
Tin	118-1	38772	37265	38374	38137	2.05	cps
Titanium	47-1	722125	725178	726156	724486	0.29	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:36:36	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	99414	98662	100670	99582	1.02	cps
Vanadium	51-2	109433	109148	107016	108532	1.22	cps
Yttrium	89-1	21978747	21845593	21958044	21927461	0.33	cps
Yttrium	89-2	5870366	5932396	5964103	5922288	0.81	cps
Zinc	66-2	126171	126137	126984	126430	0.38	cps
Zirconium	90-1	61896	62459	61906	62087	0.52	cps
Zirconium	91-1	13683	13700	13553	13645	0.59	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:39:45	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	329560	330470	330690	330240	0.18	cps
Antimony	121-1	13166	13083	13240	13163	0.60	cps
Arsenic	75-2	3427	3484	3367	3426	1.70	cps
Barium	135-1	15392	15282	16019	15564	2.56	cps
Barium	137-1	27384	27079	27610	27358	0.97	cps
Beryllium	9-1	130	97	117	114	14.66	cps
Bismuth	209-1	11117729	10949214	10859577	10975506	1.19	cps
Bismuth	209-2	8807451	8905018	8993906	8902125	1.05	cps
Bromine	81-1	23559	24657	25192	24469	3.40	cps
Bromine	81-2	1360	1277	1213	1283	5.73	cps
Cadmium	108-1	90	37	20	49	74.79	cps
Cadmium	106-1	5234	5198	5018	5150	2.25	cps
Cadmium	111-1	4058	3956	3938	3984	1.62	cps
Calcium	43-1	30845	30801	31506	31051	1.27	cps
Calcium	44-1	499981	505502	508797	504760	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24700	25168	24687	24852	1.10	cps
Cobalt	59-2	10584	10671	10961	10738	1.84	cps
Copper	63-2	418380	422170	421738	420763	0.49	cps
Dysprosium	156-1	5244	5224	5574	5348	3.68	cps
Dysprosium	156-2	4257	4294	4311	4287	0.64	cps
Erbium	164-1	4624	4868	4744	4745	2.56	cps
Erbium	164-2	3450	3310	3694	3485	5.57	cps
Gadolinium	160-1	5314	5434	5318	5356	1.28	cps
Gadolinium	160-2	4531	4597	4647	4592	1.28	cps
Holmium	165-1	18588769	17789572	18091702	18156681	2.22	cps
Holmium	165-2	12473760	12321636	12378082	12391159	0.62	cps
Indium	115-1	14503491	13946071	14243981	14231181	1.96	cps
Indium	115-2	5013928	5009402	5040740	5021356	0.34	cps
Iron	56-2	10821495	10836798	10857070	10838454	0.16	cps
Iron	57-2	282286	279369	281168	280941	0.52	cps
Iron	54-2	610498	608857	607742	609032	0.23	cps
Krypton	83-1	300	223	197	240	22.35	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:39:45	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	105263	107857	110384	107834	2.37	cps
Lead	207-1	93425	94308	95868	94533	1.31	cps
Lead	208-1	422835	429906	432723	428488	1.19	cps
Lithium	6-1	2072752	2027474	2078462	2059563	1.36	cps
Magnesium	24-2	356912	355082	357348	356447	0.34	cps
Manganese	55-2	93739	93571	93320	93544	0.23	cps
Molybdenum	94-1	6622	7175	6755	6851	4.22	cps
Molybdenum	95-1	3811	4144	4201	4052	5.20	cps
Molybdenum	96-1	5284	5501	5144	5310	3.39	cps
Molybdenum	97-1	2440	2450	2397	2429	1.17	cps
Molybdenum	98-1	6305	6231	6615	6384	3.19	cps
Neodymium	150-1	8339	8543	8343	8408	1.39	cps
Neodymium	150-2	5001	5108	5114	5074	1.25	cps
Nickel	60-2	7719	7989	8082	7930	2.38	cps
Phosphorus	31-2	2380	2487	2504	2457	2.72	cps
Potassium	39-2	192355	192281	193655	192764	0.40	cps
Rhodium	103-1	13458875	13397291	13248071	13368079	0.81	cps
Rhodium	103-2	7745626	7725818	7841071	7770838	0.79	cps
Scandium	45-1	7646080	7417428	7403694	7489067	1.82	cps
Scandium	45-2	626794	622719	636442	628651	1.12	cps
Selenium	82-1	456	494	613	521	15.78	cps
Selenium	77-2	7	20	20	16	49.47	cps
Selenium	78-2	420	430	510	453	10.88	cps
Silicon	28-1	2627817	2687891	2677439	2664382	1.20	cps
Silver	107-1	2480	2337	2547	2455	4.37	cps
Silver	109-1	2307	2464	2447	2406	3.58	cps
Sodium	23-2	998693	994472	990866	994677	0.39	cps
Strontium	86-1	27796	28938	29149	28628	2.54	cps
Strontium	88-1	246528	248455	255370	250118	1.86	cps
Sulfur	34-1	185515	187785	187050	186783	0.62	cps
Terbium	159-1	19046600	18299163	18385105	18576956	2.20	cps
Terbium	159-2	12212617	12195962	12397927	12268835	0.91	cps
Thallium	203-1	1500	1550	1660	1570	5.21	cps
Thallium	205-1	3944	3661	3677	3761	4.23	cps
Tin	118-1	9270	9550	9063	9294	2.63	cps
Titanium	47-1	139735	142692	142116	141514	1.11	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:39:45	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19381	19521	19972	19625	1.57	cps
Vanadium	51-2	21165	21195	21295	21218	0.32	cps
Yttrium	89-1	21822476	21305948	21373536	21500653	1.31	cps
Yttrium	89-2	5703956	5683970	5723192	5703706	0.34	cps
Zinc	66-2	24717	25041	25041	24933	0.75	cps
Zirconium	90-1	12335	12532	12605	12491	1.12	cps
Zirconium	91-1	2727	2800	2757	2761	1.34	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:42:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1822499	1826092	1825997	1824863	0.11	cps
Antimony	121-1	366653	366907	366762	366774	0.03	cps
Arsenic	75-2	23101	22814	23131	23016	0.76	cps
Barium	135-1	1616018	1587467	1573766	1592417	1.35	cps
Barium	137-1	2760249	2734417	2775634	2756767	0.76	cps
Beryllium	9-1	16926	17126	16742	16932	1.13	cps
Bismuth	209-1	11125013	11062202	11059039	11082085	0.34	cps
Bismuth	209-2	9012637	9152764	9134366	9099922	0.84	cps
Bromine	81-1	44005	46550	47222	45926	3.69	cps
Bromine	81-2	5674	5284	5581	5513	3.70	cps
Cadmium	108-1	2757	2727	2750	2745	0.57	cps
Cadmium	106-1	9290	8993	9180	9154	1.64	cps
Cadmium	111-1	45340	45160	45489	45330	0.36	cps
Calcium	43-1	156191	155592	154844	155542	0.43	cps
Calcium	44-1	2409368	2429900	2400250	2413173	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	339789	340014	337059	338954	0.49	cps
Cobalt	59-2	949387	949186	949789	949454	0.03	cps
Copper	63-2	2408241	2432739	2426478	2422486	0.53	cps
Dysprosium	156-1	26999	26872	26375	26749	1.23	cps
Dysprosium	156-2	22258	21643	21523	21808	1.81	cps
Erbium	164-1	24355	24442	25059	24618	1.56	cps
Erbium	164-2	17307	16730	16580	16872	2.28	cps
Gadolinium	160-1	27430	27186	27076	27231	0.67	cps
Gadolinium	160-2	19954	20385	20281	20207	1.11	cps
Holmium	165-1	18740625	18295104	18336776	18457502	1.33	cps
Holmium	165-2	12621631	12798211	12766071	12728638	0.74	cps
Indium	115-1	14656936	14491805	14465437	14538060	0.71	cps
Indium	115-2	5158309	5159516	5127533	5148453	0.35	cps
Iron	56-2	55085781	55580521	55158803	55275035	0.48	cps
Iron	57-2	1362227	1368247	1364121	1364865	0.23	cps
Iron	54-2	3032149	3030095	2967585	3009943	1.22	cps
Krypton	83-1	267	293	243	268	9.34	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:42:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	590702	591458	591162	591107	0.06	cps
Lead	207-1	513270	518116	514821	515402	0.48	cps
Lead	208-1	2335022	2345607	2337995	2339542	0.23	cps
Lithium	6-1	2104937	2109383	2075527	2096615	0.88	cps
Magnesium	24-2	1880066	1840233	1852658	1857653	1.10	cps
Manganese	55-2	907360	903965	900421	903915	0.38	cps
Molybdenum	94-1	33719	33983	33902	33868	0.40	cps
Molybdenum	95-1	19753	19613	19667	19678	0.36	cps
Molybdenum	96-1	25940	25446	25636	25674	0.97	cps
Molybdenum	97-1	12015	12225	12392	12211	1.55	cps
Molybdenum	98-1	31424	31243	31758	31475	0.83	cps
Neodymium	150-1	43179	42734	44182	43365	1.71	cps
Neodymium	150-2	24745	25550	24521	24939	2.17	cps
Nickel	60-2	268830	267533	268371	268244	0.25	cps
Phosphorus	31-2	11775	11658	11458	11630	1.38	cps
Potassium	39-2	761237	759789	759161	760062	0.14	cps
Rhodium	103-1	13416854	13393256	13372413	13394174	0.17	cps
Rhodium	103-2	8078981	8014486	7890618	7994695	1.20	cps
Scandium	45-1	7662589	7722176	7613133	7665966	0.71	cps
Scandium	45-2	648386	641176	647905	645822	0.62	cps
Selenium	82-1	5534	5498	5570	5534	0.65	cps
Selenium	77-2	593	567	717	626	12.79	cps
Selenium	78-2	2260	2237	2274	2257	0.82	cps
Silicon	28-1	10321194	10205152	10112162	10212836	1.03	cps
Silver	107-1	203442	207060	205779	205427	0.89	cps
Silver	109-1	194838	195818	196567	195741	0.44	cps
Sodium	23-2	5061668	5056027	5103475	5073723	0.51	cps
Strontium	86-1	142966	144918	145062	144315	0.81	cps
Strontium	88-1	1264609	1263097	1270614	1266107	0.31	cps
Sulfur	34-1	330759	331117	327991	329956	0.52	cps
Terbium	159-1	19024480	18915630	18702887	18880999	0.87	cps
Terbium	159-2	12549926	12651041	12795568	12665512	0.97	cps
Thallium	203-1	150602	150427	149560	150196	0.37	cps
Thallium	205-1	358280	357462	354805	356849	0.51	cps
Tin	118-1	38451	37512	37318	37761	1.60	cps
Titanium	47-1	720207	719261	713720	717729	0.49	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:42:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100741	101772	101648	101387	0.56	cps
Vanadium	51-2	586688	586293	583674	585552	0.28	cps
Yttrium	89-1	22161803	22195172	22103881	22153619	0.21	cps
Yttrium	89-2	5936748	5786574	5842148	5855157	1.30	cps
Zinc	66-2	234984	238017	234963	235988	0.74	cps
Zirconium	90-1	60561	62281	61873	61572	1.46	cps
Zirconium	91-1	13570	13676	13893	13713	1.20	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:46:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3060087	3025593	2992229	3025969	1.12	cps
Antimony	121-1	1019077	1032028	1025763	1025623	0.63	cps
Arsenic	75-2	274053	273354	271966	273124	0.39	cps
Barium	135-1	498262	505575	499118	500985	0.80	cps
Barium	137-1	867042	872943	867068	869017	0.39	cps
Beryllium	9-1	523	537	487	516	5.02	cps
Bismuth	209-1	11591119	11473177	11445788	11503361	0.67	cps
Bismuth	209-2	9186958	9156884	9083002	9142281	0.59	cps
Bromine	81-1	88527	93319	95862	92569	4.02	cps
Bromine	81-2	14771	14751	14884	14802	0.49	cps
Cadmium	108-1	667	847	853	789	13.42	cps
Cadmium	106-1	6688	6802	6525	6672	2.09	cps
Cadmium	111-1	12721	12781	12413	12638	1.56	cps
Calcium	43-1	226354	226403	223859	225539	0.64	cps
Calcium	44-1	3501274	3552158	3488725	3514052	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191725	189569	188940	190078	0.77	cps
Cobalt	59-2	279339	278510	277875	278575	0.26	cps
Copper	63-2	33622740	33152956	33242361	33339352	0.75	cps
Dysprosium	156-1	28091	28332	27530	27985	1.47	cps
Dysprosium	156-2	22635	22692	23209	22845	1.39	cps
Erbium	164-1	26709	27477	27070	27085	1.42	cps
Erbium	164-2	18399	18586	18365	18450	0.64	cps
Gadolinium	160-1	28352	28506	28282	28380	0.40	cps
Gadolinium	160-2	21189	21313	20422	20975	2.30	cps
Holmium	165-1	18770097	18790341	18557335	18705924	0.69	cps
Holmium	165-2	12790777	12711780	12661587	12721382	0.51	cps
Indium	115-1	14858589	14583849	14666477	14702972	0.96	cps
Indium	115-2	5199147	5164840	5152204	5172064	0.47	cps
Iron	56-2	184472484	183783871	183013951	183756768	0.40	cps
Iron	57-2	4544798	4511876	4446308	4500994	1.11	cps
Iron	54-2	10016604	9938835	9938212	9964550	0.45	cps
Krypton	83-1	243	260	287	263	8.30	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:46:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6518183	6546487	6465709	6510126	0.63	cps
Lead	207-1	5633893	5675911	5593281	5634361	0.73	cps
Lead	208-1	25899815	25970284	25621195	25830431	0.71	cps
Lithium	6-1	2121875	2059049	2079984	2086969	1.53	cps
Magnesium	24-2	3191763	3120426	3165321	3159170	1.14	cps
Manganese	55-2	992830	984488	988962	988760	0.42	cps
Molybdenum	94-1	73111	74391	73835	73779	0.87	cps
Molybdenum	95-1	68218	69846	69236	69100	1.19	cps
Molybdenum	96-1	82236	82417	81324	81992	0.71	cps
Molybdenum	97-1	43267	43852	43826	43648	0.76	cps
Molybdenum	98-1	111717	112176	113617	112503	0.88	cps
Neodymium	150-1	43678	43480	43159	43439	0.60	cps
Neodymium	150-2	25049	25533	25533	25372	1.10	cps
Nickel	60-2	74544	74051	74363	74319	0.34	cps
Phosphorus	31-2	11551	11598	11428	11526	0.76	cps
Potassium	39-2	1549387	1523490	1535631	1536169	0.84	cps
Rhodium	103-1	13452155	13579777	13543073	13525002	0.49	cps
Rhodium	103-2	7938498	7919269	7884986	7914251	0.34	cps
Scandium	45-1	7809736	7762453	7687660	7753283	0.79	cps
Scandium	45-2	651729	654773	653790	653430	0.24	cps
Selenium	82-1	1143	1036	983	1054	7.76	cps
Selenium	77-2	113	93	93	100	11.55	cps
Selenium	78-2	623	747	713	694	9.19	cps
Silicon	28-1	21042096	21652620	20767870	21154195	2.14	cps
Silver	107-1	199634	203030	199428	200697	1.01	cps
Silver	109-1	190805	188479	189420	189568	0.62	cps
Sodium	23-2	14388606	14301866	14217153	14302541	0.60	cps
Strontium	86-1	301696	299936	299554	300396	0.38	cps
Strontium	88-1	2626881	2697470	2618292	2647548	1.64	cps
Sulfur	34-1	965718	969816	961959	965831	0.41	cps
Terbium	159-1	19482020	19278271	19031071	19263787	1.17	cps
Terbium	159-2	12621073	12603516	12489841	12571477	0.57	cps
Thallium	203-1	11815	11585	11672	11691	0.99	cps
Thallium	205-1	28323	28066	27575	27988	1.36	cps
Tin	118-1	541850	543257	543227	542778	0.15	cps
Titanium	47-1	751727	766201	759848	759258	0.96	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:46:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66207	66482	66706	66465	0.38	cps
Vanadium	51-2	193201	190577	190986	191588	0.74	cps
Yttrium	89-1	22515246	22634577	22608135	22585986	0.28	cps
Yttrium	89-2	5939324	5982410	5892064	5937933	0.76	cps
Zinc	66-2	1512734	1491763	1499611	1501369	0.71	cps
Zirconium	90-1	92479	96549	92415	93815	2.52	cps
Zirconium	91-1	20708	21760	21439	21302	2.53	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:49:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3214461	3210335	3260531	3228442	0.86	cps
Antimony	121-1	1318100	1320434	1316936	1318490	0.14	cps
Arsenic	75-2	256056	255889	254692	255546	0.29	cps
Barium	135-1	1012995	1017025	1025641	1018553	0.63	cps
Barium	137-1	1761721	1784307	1788116	1778048	0.80	cps
Beryllium	9-1	500	477	500	492	2.74	cps
Bismuth	209-1	11327514	11141392	11253464	11240790	0.83	cps
Bismuth	209-2	9205023	9122441	9084292	9137252	0.68	cps
Bromine	81-1	61323	64664	66415	64134	4.03	cps
Bromine	81-2	9086	9116	9070	9091	0.26	cps
Cadmium	108-1	1263	1147	1090	1167	7.58	cps
Cadmium	106-1	7245	7122	6922	7096	2.30	cps
Cadmium	111-1	15695	15987	16027	15903	1.14	cps
Calcium	43-1	373937	374313	372805	373685	0.21	cps
Calcium	44-1	5828243	5783869	5799984	5804032	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171588	172086	172137	171937	0.18	cps
Cobalt	59-2	550642	552153	551307	551368	0.14	cps
Copper	63-2	25629223	25462770	25686983	25592992	0.45	cps
Dysprosium	156-1	32902	33279	33660	33281	1.14	cps
Dysprosium	156-2	26969	27577	27440	27329	1.17	cps
Erbium	164-1	31265	31215	31606	31362	0.68	cps
Erbium	164-2	21280	21994	21597	21623	1.66	cps
Gadolinium	160-1	32952	33219	32701	32958	0.79	cps
Gadolinium	160-2	24775	24481	24428	24562	0.76	cps
Holmium	165-1	18609853	18277718	18440173	18442582	0.90	cps
Holmium	165-2	12885482	12870346	12654343	12803391	1.01	cps
Indium	115-1	14467205	14516480	14580486	14521390	0.39	cps
Indium	115-2	5166569	5105410	5142519	5138166	0.60	cps
Iron	56-2	240836490	240744983	240135036	240572170	0.16	cps
Iron	57-2	5982376	5956952	5898606	5945978	0.72	cps
Iron	54-2	13091578	13046866	12815994	12984813	1.14	cps
Krypton	83-1	293	280	277	283	3.11	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:49:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6568191	6544712	6618638	6577180	0.57	cps
Lead	207-1	5672343	5654923	5710667	5679311	0.50	cps
Lead	208-1	26082128	25745900	26082246	25970091	0.75	cps
Lithium	6-1	2053349	2078430	2074616	2068798	0.65	cps
Magnesium	24-2	3283583	3211270	3271455	3255436	1.19	cps
Manganese	55-2	1562412	1539366	1554640	1552139	0.76	cps
Molybdenum	94-1	130122	129348	128750	129407	0.53	cps
Molybdenum	95-1	99320	98659	101502	99827	1.49	cps
Molybdenum	96-1	120192	122168	123351	121904	1.31	cps
Molybdenum	97-1	62583	64113	63316	63338	1.21	cps
Molybdenum	98-1	161053	161171	160069	160764	0.38	cps
Neodymium	150-1	51410	52457	52156	52008	1.04	cps
Neodymium	150-2	30002	30513	30657	30391	1.13	cps
Nickel	60-2	68110	68981	67655	68249	0.99	cps
Phosphorus	31-2	12909	12555	12749	12738	1.39	cps
Potassium	39-2	1575073	1596250	1606409	1592577	1.00	cps
Rhodium	103-1	13349657	13423942	13408082	13393894	0.29	cps
Rhodium	103-2	7928656	7871845	7892794	7897765	0.36	cps
Scandium	45-1	7755502	7781638	7720130	7752423	0.40	cps
Scandium	45-2	654342	644307	649473	649374	0.77	cps
Selenium	82-1	1010	955	1028	998	3.85	cps
Selenium	77-2	133	103	127	121	13.01	cps
Selenium	78-2	670	620	657	649	3.99	cps
Silicon	28-1	38663826	38929800	38752404	38782010	0.35	cps
Silver	107-1	101159	102549	102385	102031	0.74	cps
Silver	109-1	96123	97136	97240	96833	0.64	cps
Sodium	23-2	8825229	8749112	8757378	8777240	0.48	cps
Strontium	86-1	404912	409949	406915	407259	0.62	cps
Strontium	88-1	3641618	3654803	3632140	3642853	0.31	cps
Sulfur	34-1	893515	902119	895343	896992	0.51	cps
Terbium	159-1	18814591	18999244	18768588	18860808	0.65	cps
Terbium	159-2	12544876	12557381	12511115	12537791	0.19	cps
Thallium	203-1	7866	8022	8276	8055	2.57	cps
Thallium	205-1	18840	18680	18876	18799	0.56	cps
Tin	118-1	413432	416395	414702	414843	0.36	cps
Titanium	47-1	966204	958739	953924	959622	0.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:49:11	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170241	170116	169144	169833	0.35	cps
Vanadium	51-2	195374	195206	194230	194937	0.32	cps
Yttrium	89-1	22539014	22558414	22389688	22495705	0.41	cps
Yttrium	89-2	5961136	5858564	5909638	5909779	0.87	cps
Zinc	66-2	3026115	2977341	3027199	3010218	0.95	cps
Zirconium	90-1	194382	197076	193125	194861	1.04	cps
Zirconium	91-1	43337	43066	43852	43419	0.92	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:52:15	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2801481	2835635	2817455	2818191	0.61	cps
Antimony	121-1	1207760	1215086	1219979	1214275	0.51	cps
Arsenic	75-2	286816	286500	287133	286816	0.11	cps
Barium	135-1	679070	679067	678718	678952	0.03	cps
Barium	137-1	1175121	1171679	1178973	1175258	0.31	cps
Beryllium	9-1	500	483	530	504	4.69	cps
Bismuth	209-1	11301124	11483375	11370824	11385107	0.81	cps
Bismuth	209-2	9121879	9172264	9155303	9149815	0.28	cps
Bromine	81-1	72306	76537	78397	75746	4.12	cps
Bromine	81-2	11801	11711	11521	11678	1.22	cps
Cadmium	108-1	803	843	827	824	2.44	cps
Cadmium	106-1	6535	6552	6251	6446	2.62	cps
Cadmium	111-1	13108	13549	12790	13149	2.90	cps
Calcium	43-1	242294	239738	241130	241054	0.53	cps
Calcium	44-1	3762721	3770448	3732571	3755247	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	176769	178425	176402	177199	0.61	cps
Cobalt	59-2	300372	299224	298182	299259	0.37	cps
Copper	63-2	34379280	34448274	34338084	34388546	0.16	cps
Dysprosium	156-1	26669	25717	26619	26335	2.03	cps
Dysprosium	156-2	20966	20972	20882	20940	0.24	cps
Erbium	164-1	24986	24795	25263	25015	0.94	cps
Erbium	164-2	17731	16907	17274	17304	2.39	cps
Gadolinium	160-1	26315	27053	26291	26553	1.63	cps
Gadolinium	160-2	19824	20038	19437	19766	1.54	cps
Holmium	165-1	18307762	18386111	18327416	18340429	0.22	cps
Holmium	165-2	12637606	12700590	12684634	12674277	0.26	cps
Indium	115-1	14659744	14385165	14481008	14508639	0.96	cps
Indium	115-2	5151024	5093098	5116094	5120072	0.57	cps
Iron	56-2	181765224	180888504	179799464	180817731	0.54	cps
Iron	57-2	4504685	4496910	4507322	4502972	0.12	cps
Iron	54-2	9829332	9838384	9864520	9844079	0.19	cps
Krypton	83-1	297	277	240	271	10.60	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:52:15	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6231857	6234573	6265238	6243889	0.30	cps
Lead	207-1	5426006	5416079	5375488	5405858	0.50	cps
Lead	208-1	24639144	24894779	24627354	24720426	0.61	cps
Lithium	6-1	2089841	2052235	2056124	2066066	1.00	cps
Magnesium	24-2	2783403	2727798	2719808	2743670	1.26	cps
Manganese	55-2	1010399	1000446	1000506	1003784	0.57	cps
Molybdenum	94-1	84378	82500	84656	83845	1.40	cps
Molybdenum	95-1	77832	77819	78328	77993	0.37	cps
Molybdenum	96-1	91054	92188	91786	91676	0.63	cps
Molybdenum	97-1	48340	47788	48654	48260	0.91	cps
Molybdenum	98-1	123681	124995	124751	124476	0.56	cps
Neodymium	150-1	40802	40752	40281	40612	0.71	cps
Neodymium	150-2	23633	23680	23416	23576	0.60	cps
Nickel	60-2	63597	63330	63608	63511	0.25	cps
Phosphorus	31-2	11117	11157	11594	11290	2.34	cps
Potassium	39-2	1357484	1336583	1332427	1342164	1.00	cps
Rhodium	103-1	13372027	13276231	13309830	13319363	0.36	cps
Rhodium	103-2	7916269	7813929	7894232	7874810	0.68	cps
Scandium	45-1	7723704	7725273	7660515	7703164	0.48	cps
Scandium	45-2	645020	637613	641944	641526	0.58	cps
Selenium	82-1	1005	988	1001	998	0.90	cps
Selenium	77-2	117	130	170	139	19.98	cps
Selenium	78-2	673	773	673	707	8.17	cps
Silicon	28-1	31779198	31577959	31980840	31779332	0.63	cps
Silver	107-1	181355	179974	181166	180832	0.41	cps
Silver	109-1	171366	172405	172729	172167	0.41	cps
Sodium	23-2	10536668	10469367	10527535	10511190	0.35	cps
Strontium	86-1	306302	306705	306482	306496	0.07	cps
Strontium	88-1	2716980	2687372	2695340	2699897	0.57	cps
Sulfur	34-1	863808	858590	856841	859746	0.42	cps
Terbium	159-1	19147226	18993649	18761866	18967580	1.02	cps
Terbium	159-2	12573567	12364241	12453808	12463872	0.84	cps
Thallium	203-1	11385	11455	11368	11403	0.40	cps
Thallium	205-1	27514	27020	26793	27109	1.36	cps
Tin	118-1	572269	574285	573439	573331	0.18	cps
Titanium	47-1	770985	769900	769406	770097	0.10	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:52:15	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61337	61535	61213	61362	0.26	cps
Vanadium	51-2	171239	170050	171786	171025	0.52	cps
Yttrium	89-1	22479088	22095241	22139062	22237797	0.94	cps
Yttrium	89-2	5897770	5866144	5805876	5856597	0.80	cps
Zinc	66-2	1749298	1756235	1780108	1761881	0.92	cps
Zirconium	90-1	105379	105660	105918	105652	0.26	cps
Zirconium	91-1	24354	24294	23559	24069	1.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:55:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2820084	2853475	2878505	2850688	1.03	cps
Antimony	121-1	1220060	1242677	1227656	1230131	0.94	cps
Arsenic	75-2	289616	285821	291213	288883	0.96	cps
Barium	135-1	676833	690682	679286	682267	1.08	cps
Barium	137-1	1182230	1200958	1186300	1189829	0.83	cps
Beryllium	9-1	440	493	523	486	8.69	cps
Bismuth	209-1	11997306	11541440	11367784	11635510	2.79	cps
Bismuth	209-2	8369213	8318536	8333416	8340388	0.31	cps
Bromine	81-1	72858	79472	79187	77172	4.84	cps
Bromine	81-2	11791	11738	11518	11682	1.24	cps
Cadmium	108-1	853	853	870	859	1.12	cps
Cadmium	106-1	7068	6692	6585	6782	3.75	cps
Cadmium	111-1	13193	13300	12940	13144	1.41	cps
Calcium	43-1	240083	241824	241573	241160	0.39	cps
Calcium	44-1	3700273	3722021	3758506	3726934	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	178011	177221	179798	178343	0.74	cps
Cobalt	59-2	301936	298968	302890	301265	0.68	cps
Copper	63-2	35179546	34496853	34409943	34695447	1.21	cps
Dysprosium	156-1	26154	27514	26251	26640	2.85	cps
Dysprosium	156-2	21840	21340	20762	21314	2.53	cps
Erbium	164-1	24742	25944	25453	25380	2.38	cps
Erbium	164-2	17421	17057	16650	17043	2.26	cps
Gadolinium	160-1	26528	26866	27290	26895	1.42	cps
Gadolinium	160-2	20455	20358	18913	19909	4.34	cps
Holmium	165-1	19541691	18642527	18340970	18841729	3.32	cps
Holmium	165-2	11634683	11314501	11842164	11597116	2.29	cps
Indium	115-1	15261097	14540517	14539093	14780236	2.82	cps
Indium	115-2	4657101	4621697	4773958	4684252	1.70	cps
Iron	56-2	182696637	183145504	183433111	183091751	0.20	cps
Iron	57-2	4549782	4568888	4563674	4560781	0.22	cps
Iron	54-2	9983881	9917674	9845108	9915554	0.70	cps
Krypton	83-1	297	273	280	283	4.24	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:55:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6312948	6407533	6316061	6345514	0.85	cps
Lead	207-1	5503536	5491111	5450521	5481723	0.51	cps
Lead	208-1	25018604	25295826	24913825	25076085	0.79	cps
Lithium	6-1	2189824	2071284	2121318	2127475	2.80	cps
Magnesium	24-2	2787202	2763011	2790156	2780123	0.54	cps
Manganese	55-2	1013861	1012567	1008042	1011490	0.30	cps
Molybdenum	94-1	83982	84827	84787	84532	0.56	cps
Molybdenum	95-1	78311	78284	78060	78219	0.18	cps
Molybdenum	96-1	92896	93100	93650	93216	0.42	cps
Molybdenum	97-1	47771	49159	49249	48726	1.70	cps
Molybdenum	98-1	124579	127587	125254	125807	1.25	cps
Neodymium	150-1	40755	41364	40508	40876	1.08	cps
Neodymium	150-2	23223	24455	22842	23506	3.59	cps
Nickel	60-2	64977	64367	64254	64532	0.60	cps
Phosphorus	31-2	11298	11158	11541	11332	1.71	cps
Potassium	39-2	1360029	1357407	1363267	1360234	0.22	cps
Rhodium	103-1	14012893	13485719	13266178	13588263	2.82	cps
Rhodium	103-2	7167185	7037966	7342688	7182613	2.13	cps
Scandium	45-1	8060558	7615922	7653017	7776499	3.17	cps
Scandium	45-2	579266	571271	606425	585654	3.15	cps
Selenium	82-1	1018	1067	955	1013	5.58	cps
Selenium	77-2	123	90	123	112	17.15	cps
Selenium	78-2	663	693	660	672	2.73	cps
Silicon	28-1	31422164	31499330	31582146	31501213	0.25	cps
Silver	107-1	182083	182502	181337	181974	0.32	cps
Silver	109-1	172500	174391	173384	173425	0.55	cps
Sodium	23-2	10568890	10608475	10611882	10596416	0.23	cps
Strontium	86-1	305250	311914	310277	309147	1.12	cps
Strontium	88-1	2748718	2774149	2718238	2747035	1.02	cps
Sulfur	34-1	852469	865147	854087	857234	0.80	cps
Terbium	159-1	19893198	19205115	18977726	19358680	2.46	cps
Terbium	159-2	11382730	11378749	11591549	11451009	1.06	cps
Thallium	203-1	11508	11205	11058	11257	2.04	cps
Thallium	205-1	27140	27655	26937	27244	1.36	cps
Tin	118-1	575937	587073	581749	581586	0.96	cps
Titanium	47-1	766814	770684	772892	770130	0.40	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 15:55:18	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61006	62311	62137	61818	1.15	cps
Vanadium	51-2	173059	171458	172203	172240	0.47	cps
Yttrium	89-1	23503424	22265826	22231706	22666985	3.20	cps
Yttrium	89-2	5232241	5239381	5464626	5312083	2.49	cps
Zinc	66-2	1798775	1748813	1771401	1772996	1.41	cps
Zirconium	90-1	105997	108665	106885	107182	1.27	cps
Zirconium	91-1	23986	24437	24197	24207	0.93	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:58:23	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	548219	545047	551896	548387	0.62	cps
Antimony	121-1	231923	233144	230293	231787	0.62	cps
Arsenic	75-2	57012	57320	56734	57022	0.51	cps
Barium	135-1	128907	127484	128228	128206	0.55	cps
Barium	137-1	226767	222488	222246	223834	1.14	cps
Beryllium	9-1	143	183	180	169	13.14	cps
Bismuth	209-1	10606482	10448581	10492307	10515790	0.78	cps
Bismuth	209-2	8774089	8568488	8677438	8673338	1.19	cps
Bromine	81-1	27255	27703	27088	27349	1.16	cps
Bromine	81-2	2464	2640	2634	2579	3.88	cps
Cadmium	108-1	147	200	173	173	15.38	cps
Cadmium	106-1	4881	4874	5114	4956	2.76	cps
Cadmium	111-1	5174	4995	5232	5134	2.40	cps
Calcium	43-1	46220	45735	45508	45821	0.79	cps
Calcium	44-1	745072	752522	747224	748273	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36404	35047	36060	35837	1.97	cps
Cobalt	59-2	58748	59614	59199	59187	0.73	cps
Copper	63-2	6772569	6772395	6753281	6766082	0.16	cps
Dysprosium	156-1	5121	5104	4624	4950	5.70	cps
Dysprosium	156-2	4044	4061	4017	4041	0.54	cps
Erbium	164-1	4664	4818	4821	4768	1.88	cps
Erbium	164-2	3420	3280	3330	3344	2.12	cps
Gadolinium	160-1	4954	5174	5004	5044	2.29	cps
Gadolinium	160-2	4211	4314	4287	4271	1.26	cps
Holmium	165-1	17229597	17026290	17022248	17092712	0.69	cps
Holmium	165-2	12140291	12114669	12093129	12116030	0.19	cps
Indium	115-1	13966094	13749159	13314235	13676496	2.43	cps
Indium	115-2	4946234	4947953	4940086	4944758	0.08	cps
Iron	56-2	35820604	35822982	35298512	35647366	0.85	cps
Iron	57-2	917719	915652	917285	916885	0.12	cps
Iron	54-2	1985799	1965535	1930758	1960697	1.42	cps
Krypton	83-1	223	227	203	218	5.79	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:58:23	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1152180	1159020	1157175	1156125	0.31	cps
Lead	207-1	999267	986699	986375	990780	0.74	cps
Lead	208-1	4584132	4596585	4616889	4599202	0.36	cps
Lithium	6-1	1946016	1948169	1933331	1942505	0.41	cps
Magnesium	24-2	527798	526837	525920	526852	0.18	cps
Manganese	55-2	198677	197998	195807	197494	0.76	cps
Molybdenum	94-1	16433	15418	15772	15874	3.24	cps
Molybdenum	95-1	15729	14961	14974	15221	2.89	cps
Molybdenum	96-1	18115	17524	17584	17741	1.83	cps
Molybdenum	97-1	9760	9166	9346	9424	3.23	cps
Molybdenum	98-1	24310	23973	23636	23973	1.41	cps
Neodymium	150-1	7619	7806	7465	7630	2.23	cps
Neodymium	150-2	4454	4481	4511	4482	0.63	cps
Nickel	60-2	12842	12672	12705	12740	0.71	cps
Phosphorus	31-2	2400	2394	2240	2345	3.86	cps
Potassium	39-2	320962	324056	323464	322827	0.51	cps
Rhodium	103-1	12916892	12693351	12494566	12701603	1.66	cps
Rhodium	103-2	7616004	7649006	7594792	7619934	0.36	cps
Scandium	45-1	7337114	7305092	7288191	7310132	0.34	cps
Scandium	45-2	623821	622546	621059	622475	0.22	cps
Selenium	82-1	685	568	570	608	11.05	cps
Selenium	77-2	17	20	23	20	16.65	cps
Selenium	78-2	517	500	490	502	2.68	cps
Silicon	28-1	6847515	6769710	6800920	6806048	0.58	cps
Silver	107-1	34932	34581	34451	34655	0.72	cps
Silver	109-1	32854	32901	32333	32696	0.96	cps
Sodium	23-2	2114943	2110132	2131610	2118895	0.53	cps
Strontium	86-1	58857	57161	58469	58162	1.53	cps
Strontium	88-1	514147	508872	507563	510194	0.68	cps
Sulfur	34-1	273673	269453	274061	272396	0.94	cps
Terbium	159-1	17923548	17681737	17819260	17808182	0.68	cps
Terbium	159-2	12042966	11787017	11897314	11909099	1.08	cps
Thallium	203-1	2904	2917	2764	2861	2.97	cps
Thallium	205-1	6775	7165	6918	6953	2.84	cps
Tin	118-1	112148	109687	109506	110447	1.34	cps
Titanium	47-1	149429	147726	148955	148703	0.59	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 15:58:23	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11715	11709	11679	11701	0.17	cps
Vanadium	51-2	33093	33390	33437	33307	0.56	cps
Yttrium	89-1	21148145	20868744	20578927	20865272	1.36	cps
Yttrium	89-2	5661489	5631167	5616544	5636400	0.41	cps
Zinc	66-2	345628	348741	348828	347732	0.52	cps
Zirconium	90-1	19193	19310	19229	19244	0.31	cps
Zirconium	91-1	4391	4151	4187	4243	3.05	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:01:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2779366	2824142	2769207	2790905	1.05	cps
Antimony	121-1	1401291	1412958	1399791	1404680	0.51	cps
Arsenic	75-2	274550	277524	274482	275519	0.63	cps
Barium	135-1	2048793	2083167	2014076	2048679	1.69	cps
Barium	137-1	3470238	3516448	3480464	3489050	0.70	cps
Beryllium	9-1	16495	16656	16392	16514	0.80	cps
Bismuth	209-1	11088363	10977768	10627918	10898016	2.21	cps
Bismuth	209-2	8917276	8759229	8735795	8804100	1.12	cps
Bromine	81-1	63710	67466	68669	66615	3.88	cps
Bromine	81-2	10591	10417	11114	10707	3.39	cps
Cadmium	108-1	3267	3214	3190	3224	1.22	cps
Cadmium	106-1	9790	9363	9553	9569	2.24	cps
Cadmium	111-1	48028	47810	48902	48246	1.20	cps
Calcium	43-1	217986	220627	220681	219765	0.70	cps
Calcium	44-1	3390184	3409379	3445661	3415075	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	377023	377047	378848	377639	0.28	cps
Cobalt	59-2	1118713	1117327	1120962	1119001	0.16	cps
Copper	63-2	32504088	32320806	32447251	32424048	0.29	cps
Dysprosium	156-1	23540	23587	23720	23615	0.40	cps
Dysprosium	156-2	19340	19474	19480	19431	0.41	cps
Erbium	164-1	22732	22358	22595	22562	0.84	cps
Erbium	164-2	15339	15769	15692	15600	1.47	cps
Gadolinium	160-1	23784	23787	23961	23844	0.42	cps
Gadolinium	160-2	17982	17975	17715	17890	0.85	cps
Holmium	165-1	18092483	17584264	17443064	17706604	1.93	cps
Holmium	165-2	12368474	12093605	12240524	12234201	1.12	cps
Indium	115-1	14367042	13997882	13961220	14108715	1.59	cps
Indium	115-2	5025018	4989685	4968993	4994565	0.57	cps
Iron	56-2	169891717	171057977	169467654	170139116	0.48	cps
Iron	57-2	4216666	4261395	4243761	4240607	0.53	cps
Iron	54-2	9214696	9348875	9300589	9288053	0.73	cps
Krypton	83-1	240	290	270	267	9.44	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:01:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5632489	5715439	5646297	5664742	0.78	cps
Lead	207-1	4913354	4938560	4867789	4906568	0.73	cps
Lead	208-1	22479916	22588073	22295732	22454574	0.66	cps
Lithium	6-1	2039142	2039324	1972544	2017003	1.91	cps
Magnesium	24-2	2599334	2582846	2582508	2588229	0.37	cps
Manganese	55-2	1342345	1364083	1349188	1351872	0.82	cps
Molybdenum	94-1	74840	76776	75165	75594	1.37	cps
Molybdenum	95-1	69470	71125	70827	70474	1.25	cps
Molybdenum	96-1	83919	82518	83708	83381	0.91	cps
Molybdenum	97-1	44177	45186	44812	44725	1.14	cps
Molybdenum	98-1	113956	113953	113480	113796	0.24	cps
Neodymium	150-1	35819	36023	37513	36452	2.54	cps
Neodymium	150-2	21500	21470	21964	21644	1.28	cps
Nickel	60-2	274518	275177	275250	274982	0.15	cps
Phosphorus	31-2	10774	11084	10544	10801	2.51	cps
Potassium	39-2	1264197	1270289	1264016	1266167	0.28	cps
Rhodium	103-1	13169417	12832535	12712089	12904681	1.84	cps
Rhodium	103-2	7727678	7587177	7654866	7656573	0.92	cps
Scandium	45-1	7682166	7378567	7365422	7475385	2.40	cps
Scandium	45-2	637053	635658	636830	636513	0.12	cps
Selenium	82-1	5488	5500	5368	5452	1.34	cps
Selenium	77-2	613	630	577	607	4.50	cps
Selenium	78-2	2097	2200	2177	2158	2.51	cps
Silicon	28-1	29252715	29136341	29589667	29326241	0.80	cps
Silver	107-1	340036	347969	344785	344263	1.16	cps
Silver	109-1	326243	329232	325573	327016	0.60	cps
Sodium	23-2	9925411	10025973	9898268	9949884	0.68	cps
Strontium	86-1	279416	278237	279129	278928	0.22	cps
Strontium	88-1	2472769	2419324	2498267	2463453	1.64	cps
Sulfur	34-1	784037	786125	788676	786279	0.30	cps
Terbium	159-1	18562022	18185524	18070253	18272600	1.41	cps
Terbium	159-2	12043737	12052937	11964836	12020503	0.40	cps
Thallium	203-1	141650	142664	141813	142042	0.38	cps
Thallium	205-1	338996	339885	341058	339979	0.30	cps
Tin	118-1	520955	526417	525874	524415	0.57	cps
Titanium	47-1	713001	711189	707617	710602	0.39	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:01:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54323	55210	55077	54870	0.87	cps
Vanadium	51-2	613351	616585	611467	613801	0.42	cps
Yttrium	89-1	21807022	21158202	21271762	21412329	1.62	cps
Yttrium	89-2	5728441	5634428	5714503	5692457	0.89	cps
Zinc	66-2	1776885	1756420	1784711	1772672	0.82	cps
Zirconium	90-1	94827	97256	96817	96300	1.34	cps
Zirconium	91-1	22067	21863	22521	22150	1.52	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:04:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	370	360	377	5.53	cps
Antimony	121-1	413	357	333	368	11.19	cps
Arsenic	75-2	37	17	50	34	48.70	cps
Barium	135-1	337	310	317	321	4.32	cps
Barium	137-1	573	530	410	504	16.77	cps
Beryllium	9-1	90	93	93	92	2.08	cps
Bismuth	209-1	10562464	10219295	10148764	10310174	2.15	cps
Bismuth	209-2	8619311	8481743	8462804	8521286	1.00	cps
Bromine	81-1	16786	16479	16599	16622	0.93	cps
Bromine	81-2	327	253	290	290	12.64	cps
Cadmium	108-1	13	7	10	10	33.30	cps
Cadmium	106-1	4944	4421	4647	4671	5.62	cps
Cadmium	111-1	3545	3190	3320	3351	5.36	cps
Calcium	43-1	260	303	333	299	12.34	cps
Calcium	44-1	11228	10821	10924	10991	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1590	1670	1703	1655	3.52	cps
Cobalt	59-2	207	183	170	187	9.94	cps
Copper	63-2	4454	4111	4034	4200	5.33	cps
Dysprosium	156-1	17	10	17	14	26.66	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	97	80	90	89	9.44	cps
Erbium	164-2	67	67	50	61	15.75	cps
Gadolinium	160-1	50	103	60	71	39.86	cps
Gadolinium	160-2	690	757	657	701	7.26	cps
Holmium	165-1	17413326	16816235	16918069	17049210	1.87	cps
Holmium	165-2	11970534	11861075	11828877	11886829	0.62	cps
Indium	115-1	13966402	13445489	13502402	13638098	2.10	cps
Indium	115-2	4905321	4941578	4847029	4897976	0.97	cps
Iron	56-2	33060	31911	30885	31952	3.40	cps
Iron	57-2	1420	1390	1397	1402	1.12	cps
Iron	54-2	3134	3274	3147	3185	2.43	cps
Krypton	83-1	233	263	223	240	8.67	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:04:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2307	2057	1933	2099	9.06	cps
Lead	207-1	1827	1847	1603	1759	7.68	cps
Lead	208-1	8611	7994	7524	8043	6.78	cps
Lithium	6-1	1976090	1939073	1875411	1930191	2.64	cps
Magnesium	24-2	723	843	740	769	8.46	cps
Manganese	55-2	867	867	873	869	0.44	cps
Molybdenum	94-1	437	390	393	407	6.40	cps
Molybdenum	95-1	230	187	160	192	18.38	cps
Molybdenum	96-1	303	227	257	262	14.73	cps
Molybdenum	97-1	107	137	130	124	12.66	cps
Molybdenum	98-1	233	303	260	266	13.30	cps
Neodymium	150-1	13	20	10	14	35.26	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	410	397	340	382	9.72	cps
Phosphorus	31-2	180	207	227	204	11.45	cps
Potassium	39-2	57361	56799	56819	56993	0.56	cps
Rhodium	103-1	12981739	12581326	12616574	12726546	1.74	cps
Rhodium	103-2	7549613	7590476	7421710	7520600	1.17	cps
Scandium	45-1	7396421	7176906	7057913	7210413	2.38	cps
Scandium	45-2	620789	615390	611832	616004	0.73	cps
Selenium	82-1	499	411	448	453	9.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	410	477	490	459	9.34	cps
Silicon	28-1	659536	662088	660465	660696	0.20	cps
Silver	107-1	390	313	300	334	14.52	cps
Silver	109-1	290	263	290	281	5.48	cps
Sodium	23-2	33583	32628	32277	32829	2.06	cps
Strontium	86-1	420	490	393	434	11.49	cps
Strontium	88-1	737	673	703	704	4.50	cps
Sulfur	34-1	137703	138571	138658	138311	0.38	cps
Terbium	159-1	17770909	17216143	17311868	17432973	1.70	cps
Terbium	159-2	11786191	11788389	11702183	11758921	0.42	cps
Thallium	203-1	767	750	710	742	3.92	cps
Thallium	205-1	1917	1687	1810	1805	6.38	cps
Tin	118-1	1690	1683	1543	1639	5.05	cps
Titanium	47-1	180	193	153	176	11.60	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BL	Instrumnet Name :	P7
Client Sample ID :	PBS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:04:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	37	43	39	9.89	cps
Vanadium	51-2	110	83	70	88	23.20	cps
Yttrium	89-1	20945217	20316840	20256848	20506302	1.86	cps
Yttrium	89-2	5518015	5483699	5493676	5498463	0.32	cps
Zinc	66-2	430	470	533	478	10.91	cps
Zirconium	90-1	780	770	820	790	3.35	cps
Zirconium	91-1	213	167	177	186	13.24	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:07:59	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11368	11691	11644	11568	1.51	cps
Antimony	121-1	56427	56243	55948	56206	0.43	cps
Arsenic	75-2	1463	1513	1443	1473	2.45	cps
Barium	135-1	67693	68708	68654	68352	0.84	cps
Barium	137-1	119597	118267	119443	119103	0.61	cps
Beryllium	9-1	3240	3384	3397	3340	2.60	cps
Bismuth	209-1	10231325	10269848	10303001	10268058	0.35	cps
Bismuth	209-2	8559101	8567406	8488424	8538310	0.51	cps
Bromine	81-1	14734	15171	15171	15026	1.68	cps
Bromine	81-2	217	180	187	194	10.05	cps
Cadmium	108-1	490	573	603	556	10.57	cps
Cadmium	106-1	5571	5671	5234	5492	4.17	cps
Cadmium	111-1	10835	10577	10817	10743	1.34	cps
Calcium	43-1	36380	36143	36841	36455	0.97	cps
Calcium	44-1	589231	595596	589037	591288	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22580	21933	21799	22104	1.89	cps
Cobalt	59-2	17180	17110	17107	17132	0.24	cps
Copper	63-2	26781	27205	26901	26962	0.81	cps
Dysprosium	156-1	23	20	20	21	9.11	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	80	63	87	77	15.68	cps
Erbium	164-2	60	57	40	52	20.52	cps
Gadolinium	160-1	80	43	50	58	33.81	cps
Gadolinium	160-2	673	717	757	716	5.82	cps
Holmium	165-1	17156395	16924150	16674120	16918222	1.43	cps
Holmium	165-2	11926175	11869024	11864354	11886517	0.29	cps
Indium	115-1	13513797	13575508	13280432	13456579	1.16	cps
Indium	115-2	4888711	4862818	4827971	4859834	0.63	cps
Iron	56-2	2007650	2003923	1978362	1996645	0.80	cps
Iron	57-2	52240	52093	52518	52284	0.41	cps
Iron	54-2	114810	113433	113926	114057	0.61	cps
Krypton	83-1	183	227	233	214	12.66	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:07:59	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22969	22425	23220	22872	1.78	cps
Lead	207-1	19774	20155	19734	19888	1.17	cps
Lead	208-1	89614	91291	91491	90799	1.13	cps
Lithium	6-1	1949005	1896282	1877200	1907496	1.95	cps
Magnesium	24-2	440259	438404	438154	438939	0.26	cps
Manganese	55-2	9043	8933	9283	9086	1.97	cps
Molybdenum	94-1	54524	55745	54892	55054	1.14	cps
Molybdenum	95-1	67893	66838	67769	67500	0.85	cps
Molybdenum	96-1	76183	75822	76210	76072	0.29	cps
Molybdenum	97-1	42234	43338	43304	42959	1.46	cps
Molybdenum	98-1	109732	107921	108885	108846	0.83	cps
Neodymium	150-1	10	17	13	13	25.01	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	4627	4691	4674	4664	0.70	cps
Phosphorus	31-2	837	993	810	880	11.26	cps
Potassium	39-2	666431	663510	667138	665693	0.29	cps
Rhodium	103-1	12517866	12653910	12467021	12546266	0.77	cps
Rhodium	103-2	7616214	7487083	7470819	7524705	1.06	cps
Scandium	45-1	7225268	7143777	7222703	7197249	0.64	cps
Scandium	45-2	613408	611992	608298	611233	0.43	cps
Selenium	82-1	2701	2666	2753	2707	1.62	cps
Selenium	77-2	247	257	233	246	4.77	cps
Selenium	78-2	1230	1227	1277	1245	2.25	cps
Silicon	28-1	775472	766015	775406	772298	0.70	cps
Silver	107-1	35132	35306	35550	35330	0.59	cps
Silver	109-1	33395	33649	33585	33543	0.39	cps
Sodium	23-2	730926	731368	731540	731278	0.04	cps
Strontium	86-1	8989	9163	8706	8953	2.58	cps
Strontium	88-1	75817	74430	74702	74983	0.98	cps
Sulfur	34-1	141831	142860	143688	142793	0.65	cps
Terbium	159-1	17364125	17252157	17174683	17263655	0.55	cps
Terbium	159-2	11772034	11651297	11647674	11690335	0.61	cps
Thallium	203-1	27521	27100	27257	27293	0.78	cps
Thallium	205-1	64036	64602	65004	64548	0.75	cps
Tin	118-1	115414	116341	116096	115951	0.41	cps
Titanium	47-1	4101	4061	4137	4099	0.94	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	PB165821BS	Instrumnet Name :	P7
Client Sample ID :	LCS821	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:07:59	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	78483	77752	77993	78076	0.48	cps
Vanadium	51-2	46548	45679	45879	46035	0.99	cps
Yttrium	89-1	20348629	20638935	20024578	20337381	1.51	cps
Yttrium	89-2	5528416	5491834	5445553	5488601	0.76	cps
Zinc	66-2	11431	11414	10924	11257	2.56	cps
Zirconium	90-1	45577	45935	45146	45553	0.87	cps
Zirconium	91-1	9720	10087	9917	9908	1.85	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:11:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5419433	5418847	5466565	5434948	0.50	cps
Antimony	121-1	1860	1740	1723	1775	4.20	cps
Arsenic	75-2	6958	6988	6905	6951	0.61	cps
Barium	135-1	481362	483944	479517	481608	0.46	cps
Barium	137-1	829137	835403	841974	835505	0.77	cps
Beryllium	9-1	1250	1107	1043	1133	9.34	cps
Bismuth	209-1	10242584	10079210	10196069	10172621	0.83	cps
Bismuth	209-2	8596022	8489214	8553857	8546364	0.63	cps
Bromine	81-1	15298	16146	15642	15695	2.72	cps
Bromine	81-2	490	420	573	494	15.53	cps
Cadmium	108-1	897	967	1030	964	6.92	cps
Cadmium	106-1	7385	7455	7415	7419	0.47	cps
Cadmium	111-1	5439	5305	5483	5409	1.71	cps
Calcium	43-1	445919	450039	451368	449108	0.63	cps
Calcium	44-1	7006221	6968426	7012651	6995766	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134931	135916	133982	134943	0.72	cps
Cobalt	59-2	200690	198545	200686	199973	0.62	cps
Copper	63-2	363396	365184	363854	364145	0.26	cps
Dysprosium	156-1	105022	106547	106499	106023	0.82	cps
Dysprosium	156-2	86849	88010	87423	87427	0.66	cps
Erbium	164-1	105890	106085	105857	105944	0.12	cps
Erbium	164-2	75693	75124	73870	74896	1.25	cps
Gadolinium	160-1	107478	110065	108305	108616	1.22	cps
Gadolinium	160-2	81110	81009	81947	81355	0.63	cps
Holmium	165-1	17041350	16760876	17116458	16972894	1.10	cps
Holmium	165-2	12069319	12016362	12116157	12067279	0.41	cps
Indium	115-1	13678581	13209853	13371577	13420004	1.77	cps
Indium	115-2	4951046	4816378	4926855	4898093	1.47	cps
Iron	56-2	254117076	251239730	253561943	252972916	0.60	cps
Iron	57-2	6274504	6238914	6234222	6249213	0.35	cps
Iron	54-2	13593804	13618464	13784347	13665539	0.76	cps
Krypton	83-1	413	347	343	368	10.74	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:11:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	421813	422518	421598	421976	0.11	cps
Lead	207-1	358084	357273	354599	356652	0.51	cps
Lead	208-1	1642042	1647175	1636435	1641884	0.33	cps
Lithium	6-1	1960962	1947473	1920709	1943048	1.05	cps
Magnesium	24-2	5766997	5722610	5747204	5745604	0.39	cps
Manganese	55-2	3295285	3250000	3307992	3284426	0.93	cps
Molybdenum	94-1	390258	396792	394384	393811	0.84	cps
Molybdenum	95-1	5821	5955	5885	5887	1.13	cps
Molybdenum	96-1	73604	75560	75346	74837	1.43	cps
Molybdenum	97-1	3724	3787	3864	3792	1.85	cps
Molybdenum	98-1	9260	9380	9283	9307	0.68	cps
Neodymium	150-1	155331	156929	156811	156357	0.57	cps
Neodymium	150-2	94162	95759	93699	94540	1.14	cps
Nickel	60-2	95592	95568	95914	95691	0.20	cps
Phosphorus	31-2	35511	35200	36129	35614	1.33	cps
Potassium	39-2	694870	696409	700721	697333	0.43	cps
Rhodium	103-1	12702317	12440949	12478162	12540476	1.13	cps
Rhodium	103-2	7501786	7426079	7553649	7493838	0.86	cps
Scandium	45-1	7524257	7446549	7425822	7465543	0.70	cps
Scandium	45-2	652895	646406	652229	650510	0.55	cps
Selenium	82-1	589	630	748	656	12.59	cps
Selenium	77-2	260	273	237	257	7.23	cps
Selenium	78-2	690	730	663	694	4.83	cps
Silicon	28-1	7439096	7492731	7549085	7493637	0.73	cps
Silver	107-1	1870	1823	1967	1887	3.88	cps
Silver	109-1	1257	1137	1227	1207	5.18	cps
Sodium	23-2	547634	545660	547923	547072	0.23	cps
Strontium	86-1	323460	326903	324670	325011	0.54	cps
Strontium	88-1	2852354	2894073	2846868	2864432	0.90	cps
Sulfur	34-1	161675	162351	164484	162837	0.90	cps
Terbium	159-1	17825701	17552476	17462253	17613477	1.07	cps
Terbium	159-2	11911546	11750027	12001000	11887525	1.07	cps
Thallium	203-1	2827	2807	2880	2838	1.34	cps
Thallium	205-1	6668	6742	6522	6644	1.69	cps
Tin	118-1	27296	27828	30258	28461	5.55	cps
Titanium	47-1	4571673	4617238	4661144	4616685	0.97	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:11:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42862	42457	42979	42766	0.64	cps
Vanadium	51-2	618218	613831	613466	615172	0.43	cps
Yttrium	89-1	22088068	22026756	21802686	21972504	0.68	cps
Yttrium	89-2	6107740	5939585	6059910	6035745	1.44	cps
Zinc	66-2	120457	122387	120464	121103	0.92	cps
Zirconium	90-1	1055068	1061174	1063106	1059782	0.40	cps
Zirconium	91-1	234891	236478	234663	235344	0.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:14:28	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5533334	5471985	5462575	5489298	0.70	cps
Antimony	121-1	1710	1717	1660	1696	1.83	cps
Arsenic	75-2	6918	7075	6912	6968	1.33	cps
Barium	135-1	486579	486074	489070	487241	0.33	cps
Barium	137-1	846922	848287	847833	847681	0.08	cps
Beryllium	9-1	1183	1257	1323	1255	5.58	cps
Bismuth	209-1	10109158	10020624	10140106	10089963	0.61	cps
Bismuth	209-2	8586511	8436956	8547738	8523735	0.91	cps
Bromine	81-1	15281	16179	15825	15762	2.87	cps
Bromine	81-2	517	430	517	488	10.26	cps
Cadmium	108-1	987	947	910	948	4.05	cps
Cadmium	106-1	7982	7852	7755	7863	1.45	cps
Cadmium	111-1	5764	5921	5799	5828	1.41	cps
Calcium	43-1	459400	455548	458325	457758	0.43	cps
Calcium	44-1	7184851	7178840	7117608	7160433	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138260	137776	136054	137363	0.84	cps
Cobalt	59-2	203341	203656	201852	202949	0.47	cps
Copper	63-2	369428	369191	364449	367689	0.76	cps
Dysprosium	156-1	106991	108119	108055	107721	0.59	cps
Dysprosium	156-2	88597	88174	87104	87959	0.87	cps
Erbium	164-1	106754	107543	107368	107222	0.39	cps
Erbium	164-2	76605	76317	77490	76804	0.80	cps
Gadolinium	160-1	110703	111092	111556	111117	0.38	cps
Gadolinium	160-2	81847	82960	81934	82247	0.75	cps
Holmium	165-1	17064492	17012469	16923445	17000135	0.42	cps
Holmium	165-2	12146810	11998328	12149498	12098212	0.72	cps
Indium	115-1	13369848	13427967	13344503	13380773	0.32	cps
Indium	115-2	4906319	4900181	4941223	4915908	0.45	cps
Iron	56-2	254880336	254254510	256021250	255052032	0.35	cps
Iron	57-2	6349150	6265718	6290497	6301788	0.68	cps
Iron	54-2	14018855	13704220	13782582	13835219	1.18	cps
Krypton	83-1	347	407	437	397	11.55	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:14:28	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	425860	430243	427930	428011	0.51	cps
Lead	207-1	356265	361441	358799	358835	0.72	cps
Lead	208-1	1648775	1667514	1670079	1662123	0.70	cps
Lithium	6-1	1944645	1928016	1892917	1921859	1.37	cps
Magnesium	24-2	5858114	5819257	5860964	5846112	0.40	cps
Manganese	55-2	3379945	3318764	3317093	3338600	1.07	cps
Molybdenum	94-1	398477	399511	399987	399325	0.19	cps
Molybdenum	95-1	5941	5921	5865	5909	0.67	cps
Molybdenum	96-1	76706	76003	75178	75962	1.01	cps
Molybdenum	97-1	3614	3731	3704	3683	1.66	cps
Molybdenum	98-1	9637	9527	9513	9559	0.71	cps
Neodymium	150-1	160199	158897	159638	159578	0.41	cps
Neodymium	150-2	95870	96913	94444	95742	1.29	cps
Nickel	60-2	96706	97336	97534	97192	0.45	cps
Phosphorus	31-2	35688	35782	35190	35553	0.89	cps
Potassium	39-2	710120	707608	703608	707112	0.46	cps
Rhodium	103-1	12620943	12436949	12439194	12499028	0.84	cps
Rhodium	103-2	7526875	7543613	7514155	7528214	0.20	cps
Scandium	45-1	7657866	7425122	7488044	7523677	1.60	cps
Scandium	45-2	651740	649135	655311	652062	0.48	cps
Selenium	82-1	729	561	583	624	14.58	cps
Selenium	77-2	307	250	203	253	20.43	cps
Selenium	78-2	673	663	693	677	2.26	cps
Silicon	28-1	7994654	7706923	7780848	7827475	1.91	cps
Silver	107-1	2000	1660	1803	1821	9.37	cps
Silver	109-1	1130	1100	1127	1119	1.47	cps
Sodium	23-2	556122	551181	550209	552504	0.57	cps
Strontium	86-1	329231	331851	329631	330237	0.43	cps
Strontium	88-1	2948022	2923950	2913163	2928378	0.61	cps
Sulfur	34-1	172791	172137	170779	171902	0.60	cps
Terbium	159-1	17412288	17546581	17224198	17394355	0.93	cps
Terbium	159-2	11958583	11756805	11927281	11880890	0.91	cps
Thallium	203-1	2914	2924	2877	2905	0.85	cps
Thallium	205-1	6668	6575	6888	6711	2.40	cps
Tin	118-1	28537	27774	27740	28017	1.61	cps
Titanium	47-1	4742823	4742370	4701778	4728990	0.50	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:14:28	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42487	43384	42431	42767	1.25	cps
Vanadium	51-2	628680	624102	622698	625160	0.50	cps
Yttrium	89-1	22243900	22003722	21891206	22046276	0.82	cps
Yttrium	89-2	6011020	6020377	6009227	6013542	0.10	cps
Zinc	66-2	122158	122124	122856	122379	0.34	cps
Zirconium	90-1	1076833	1072695	1077274	1075601	0.23	cps
Zirconium	91-1	240004	242593	242329	241642	0.59	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:17:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1070512	1064872	1065299	1066894	0.29	cps
Antimony	121-1	537	437	457	477	11.10	cps
Arsenic	75-2	1320	1357	1550	1409	8.77	cps
Barium	135-1	96225	95152	96232	95870	0.65	cps
Barium	137-1	166299	166074	165642	166005	0.20	cps
Beryllium	9-1	283	257	263	268	5.18	cps
Bismuth	209-1	10215029	10079314	10013069	10102471	1.02	cps
Bismuth	209-2	8498206	8477789	8482888	8486294	0.13	cps
Bromine	81-1	15742	15538	15608	15629	0.66	cps
Bromine	81-2	267	247	303	272	10.56	cps
Cadmium	108-1	200	140	200	180	19.25	cps
Cadmium	106-1	5548	5558	5031	5379	5.60	cps
Cadmium	111-1	4007	4009	3615	3877	5.85	cps
Calcium	43-1	92137	91068	90635	91280	0.85	cps
Calcium	44-1	1407735	1433826	1417655	1419739	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28964	27659	28417	28347	2.31	cps
Cobalt	59-2	41046	40378	41333	40919	1.20	cps
Copper	63-2	75439	74832	75476	75249	0.48	cps
Dysprosium	156-1	21113	21089	21193	21132	0.26	cps
Dysprosium	156-2	17711	17468	17484	17554	0.78	cps
Erbium	164-1	20552	21083	20625	20753	1.39	cps
Erbium	164-2	15055	14981	15292	15109	1.07	cps
Gadolinium	160-1	21330	22097	21266	21564	2.15	cps
Gadolinium	160-2	16313	16413	16663	16463	1.10	cps
Holmium	165-1	16861490	16764784	16699245	16775173	0.49	cps
Holmium	165-2	11929282	11986319	11841096	11918899	0.61	cps
Indium	115-1	13485352	13420135	13171374	13358954	1.24	cps
Indium	115-2	4945385	4894334	4888210	4909309	0.64	cps
Iron	56-2	51186469	51299709	50911639	51132606	0.39	cps
Iron	57-2	1319315	1311285	1302537	1311046	0.64	cps
Iron	54-2	2821981	2763943	2757858	2781261	1.27	cps
Krypton	83-1	240	217	283	247	13.72	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:17:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	84500	84675	85772	84982	0.81	cps
Lead	207-1	72941	71155	70847	71647	1.58	cps
Lead	208-1	332683	328442	330534	330553	0.64	cps
Lithium	6-1	1951791	1934466	1908903	1931720	1.12	cps
Magnesium	24-2	1170902	1185830	1160708	1172480	1.08	cps
Manganese	55-2	670648	669878	664181	668236	0.53	cps
Molybdenum	94-1	77785	79376	79038	78733	1.06	cps
Molybdenum	95-1	1357	1323	1243	1308	4.45	cps
Molybdenum	96-1	15038	15215	15445	15232	1.34	cps
Molybdenum	97-1	837	917	867	873	4.63	cps
Molybdenum	98-1	2080	2147	1920	2049	5.69	cps
Neodymium	150-1	30336	30780	31151	30756	1.33	cps
Neodymium	150-2	19464	19263	19180	19302	0.76	cps
Nickel	60-2	20170	19903	19596	19890	1.44	cps
Phosphorus	31-2	7609	7075	7382	7355	3.64	cps
Potassium	39-2	187422	188096	189231	188249	0.49	cps
Rhodium	103-1	12625435	12598784	12609942	12611387	0.11	cps
Rhodium	103-2	7645199	7591739	7603898	7613612	0.37	cps
Scandium	45-1	7402965	7301911	7260051	7321642	1.00	cps
Scandium	45-2	640796	641088	633885	638589	0.64	cps
Selenium	82-1	574	634	544	584	7.87	cps
Selenium	77-2	73	63	43	60	25.46	cps
Selenium	78-2	543	530	530	534	1.44	cps
Silicon	28-1	2278812	2423891	2244362	2315688	4.11	cps
Silver	107-1	513	443	563	507	11.90	cps
Silver	109-1	307	313	350	323	7.22	cps
Sodium	23-2	131139	130094	130951	130728	0.43	cps
Strontium	86-1	65475	66275	66804	66185	1.01	cps
Strontium	88-1	574727	574448	579241	576138	0.47	cps
Sulfur	34-1	163049	163393	165590	164011	0.84	cps
Terbium	159-1	17323434	17162966	17145072	17210491	0.57	cps
Terbium	159-2	11762908	11731381	11701338	11731876	0.26	cps
Thallium	203-1	1077	1137	1260	1158	8.07	cps
Thallium	205-1	2710	2590	2784	2695	3.62	cps
Tin	118-1	6808	6542	6698	6683	2.01	cps
Titanium	47-1	922856	922767	923939	923187	0.07	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:17:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8216	8313	8239	8256	0.61	cps
Vanadium	51-2	124774	124586	125116	124825	0.22	cps
Yttrium	89-1	20809731	20945494	20547905	20767710	0.97	cps
Yttrium	89-2	5704657	5716818	5731669	5717714	0.24	cps
Zinc	66-2	25609	24881	25579	25356	1.62	cps
Zirconium	90-1	210455	213050	211893	211799	0.61	cps
Zirconium	91-1	46139	47416	46861	46805	1.37	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:20:53	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5696491	5619740	5504940	5607057	1.72	cps
Antimony	121-1	1810	1833	1923	1856	3.23	cps
Arsenic	75-2	157037	157559	155380	156659	0.73	cps
Barium	135-1	1906390	1901002	1886210	1897867	0.55	cps
Barium	137-1	3293929	3261188	3258424	3271181	0.60	cps
Beryllium	9-1	17256	17537	17840	17544	1.66	cps
Bismuth	209-1	10479112	10340172	10204810	10341365	1.33	cps
Bismuth	209-2	8509527	8521973	8518331	8516610	0.08	cps
Bromine	81-1	16102	15862	15865	15943	0.86	cps
Bromine	81-2	390	407	470	422	10.00	cps
Cadmium	108-1	24330	24594	24744	24556	0.85	cps
Cadmium	106-1	40165	40433	40169	40256	0.38	cps
Cadmium	111-1	366720	374927	366175	369274	1.33	cps
Calcium	43-1	453597	454084	455732	454471	0.25	cps
Calcium	44-1	7097089	7019148	7086067	7067435	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	353803	351826	350325	351984	0.50	cps
Cobalt	59-2	1054682	1053856	1055600	1054713	0.08	cps
Copper	63-2	663534	661528	662498	662520	0.15	cps
Dysprosium	156-1	104888	106493	106265	105882	0.82	cps
Dysprosium	156-2	87205	88637	88590	88144	0.92	cps
Erbium	164-1	104873	107069	105471	105804	1.07	cps
Erbium	164-2	76106	75332	74678	75372	0.95	cps
Gadolinium	160-1	109816	109755	110323	109965	0.28	cps
Gadolinium	160-2	80905	80690	82005	81200	0.87	cps
Holmium	165-1	17426708	17131746	16958311	17172255	1.38	cps
Holmium	165-2	11963691	11984812	12032336	11993613	0.29	cps
Indium	115-1	13701166	13320357	13450460	13490661	1.43	cps
Indium	115-2	4859166	4854893	4935397	4883152	0.93	cps
Iron	56-2	257573863	255615923	255121796	256103861	0.51	cps
Iron	57-2	6356158	6292153	6318375	6322229	0.51	cps
Iron	54-2	13909839	13818926	13789094	13839286	0.45	cps
Krypton	83-1	440	393	400	411	6.14	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:20:53	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2709220	2725931	2756387	2730513	0.88	cps
Lead	207-1	2219364	2231013	2248586	2232987	0.66	cps
Lead	208-1	10377939	10487098	10444134	10436390	0.53	cps
Lithium	6-1	1981726	1926002	1952423	1953384	1.43	cps
Magnesium	24-2	5882422	5835290	5751551	5823088	1.14	cps
Manganese	55-2	3786727	3727728	3704683	3739713	1.13	cps
Molybdenum	94-1	400452	406743	407733	404976	0.98	cps
Molybdenum	95-1	19463	20641	19820	19975	3.03	cps
Molybdenum	96-1	89810	89592	91105	90169	0.91	cps
Molybdenum	97-1	12619	12602	11952	12391	3.07	cps
Molybdenum	98-1	31354	32119	32309	31927	1.58	cps
Neodymium	150-1	156194	158112	158065	157457	0.69	cps
Neodymium	150-2	95638	94867	94866	95124	0.47	cps
Nickel	60-2	315420	314803	312102	314108	0.56	cps
Phosphorus	31-2	35227	35017	35271	35171	0.39	cps
Potassium	39-2	711091	706671	704729	707497	0.46	cps
Rhodium	103-1	12796481	12434562	12665788	12632277	1.45	cps
Rhodium	103-2	7395376	7569088	7516892	7493785	1.19	cps
Scandium	45-1	7666148	7430699	7548193	7548347	1.56	cps
Scandium	45-2	650396	649696	653978	651357	0.35	cps
Selenium	82-1	48318	48255	48497	48357	0.26	cps
Selenium	77-2	5621	5521	5154	5432	4.52	cps
Selenium	78-2	17454	17647	18024	17708	1.64	cps
Silicon	28-1	7732893	7680258	8032996	7815383	2.43	cps
Silver	107-1	170374	174576	174697	173216	1.42	cps
Silver	109-1	161357	164825	163639	163274	1.08	cps
Sodium	23-2	550830	550366	550605	550600	0.04	cps
Strontium	86-1	327228	329560	327719	328169	0.37	cps
Strontium	88-1	2909490	2955990	2935759	2933746	0.79	cps
Sulfur	34-1	173593	172073	172896	172854	0.44	cps
Terbium	159-1	18061052	17386901	17448884	17632279	2.11	cps
Terbium	159-2	11898027	11793834	11834073	11841978	0.44	cps
Thallium	203-1	2667636	2647547	2664740	2659974	0.41	cps
Thallium	205-1	6395990	6420821	6445381	6420731	0.38	cps
Tin	118-1	27173	28175	28762	28037	2.87	cps
Titanium	47-1	4614815	4689466	4681178	4661820	0.88	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:20:53	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42809	42511	42049	42456	0.90	cps
Vanadium	51-2	1091835	1082293	1082535	1085554	0.50	cps
Yttrium	89-1	22682456	21873975	22088068	22214833	1.89	cps
Yttrium	89-2	6024681	5991800	6005461	6007314	0.27	cps
Zinc	66-2	227419	228408	226597	227475	0.40	cps
Zirconium	90-1	1065193	1069712	1067981	1067628	0.21	cps
Zirconium	91-1	234983	238311	238874	237389	0.89	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:23:58	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13031091	13108891	13141193	13093725	0.43	cps
Antimony	121-1	5995815	6080829	6004777	6027140	0.78	cps
Arsenic	75-2	297132	297600	299161	297964	0.36	cps
Barium	135-1	7804351	7910866	7857968	7857728	0.68	cps
Barium	137-1	13282066	13373546	13484484	13380032	0.76	cps
Beryllium	9-1	719370	718417	718133	718640	0.09	cps
Bismuth	209-1	9342652	9270164	9350894	9321237	0.48	cps
Bismuth	209-2	7662728	7672864	7572675	7636089	0.72	cps
Bromine	81-1	13983	12585	13356	13308	5.26	cps
Bromine	81-2	170	113	147	143	19.87	cps
Cadmium	108-1	111518	111407	111108	111344	0.19	cps
Cadmium	106-1	163111	161237	161985	162111	0.58	cps
Cadmium	111-1	1507430	1494967	1497875	1500090	0.43	cps
Calcium	43-1	7642448	7576394	7612568	7610470	0.43	cps
Calcium	44-1	124493388	122410855	122594128	123166124	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2258685	2247590	2249421	2251899	0.26	cps
Cobalt	59-2	3508880	3483423	3465239	3485847	0.63	cps
Copper	63-2	24749275	24592110	24566707	24636031	0.40	cps
Dysprosium	156-1	423	327	300	350	18.54	cps
Dysprosium	156-2	573	533	517	541	5.38	cps
Erbium	164-1	397	420	413	410	2.93	cps
Erbium	164-2	253	270	300	274	8.62	cps
Gadolinium	160-1	323	370	257	317	17.99	cps
Gadolinium	160-2	757	837	813	802	5.13	cps
Holmium	165-1	16260929	16070242	16066258	16132476	0.69	cps
Holmium	165-2	11389532	11460924	11325843	11392100	0.59	cps
Indium	115-1	11934142	11929327	11779775	11881081	0.74	cps
Indium	115-2	4214794	4250224	4322205	4262408	1.28	cps
Iron	56-2	527892445	524961659	524024472	525626192	0.38	cps
Iron	57-2	13161280	13097352	13179404	13146012	0.33	cps
Iron	54-2	28566775	28568388	28364139	28499767	0.41	cps
Krypton	83-1	227	297	303	276	15.41	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:23:58	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24039375	24086207	24353044	24159542	0.70	cps
Lead	207-1	21066117	21119490	21226550	21137386	0.39	cps
Lead	208-1	96243873	96290226	96911219	96481773	0.39	cps
Lithium	6-1	1865982	1860368	1898081	1874811	1.09	cps
Magnesium	24-2	103159875	102993922	102412375	102855391	0.38	cps
Manganese	55-2	18098726	17889477	17718750	17902318	1.06	cps
Molybdenum	94-1	21181255	20798065	20845731	20941684	1.00	cps
Molybdenum	95-1	30382294	29881971	29978291	30080852	0.88	cps
Molybdenum	96-1	33452084	32697281	33143393	33097586	1.15	cps
Molybdenum	97-1	19102698	18803753	18871584	18926012	0.83	cps
Molybdenum	98-1	49259008	48721308	48441994	48807436	0.85	cps
Neodymium	150-1	593	510	513	539	8.75	cps
Neodymium	150-2	207	153	213	191	17.21	cps
Nickel	60-2	851971	850302	849859	850711	0.13	cps
Phosphorus	31-2	118894	119062	118817	118924	0.11	cps
Potassium	39-2	64596427	64320856	64254367	64390550	0.28	cps
Rhodium	103-1	10920955	10768015	10604970	10764647	1.47	cps
Rhodium	103-2	6378608	6484334	6352764	6405235	1.09	cps
Scandium	45-1	6665871	6513273	6556534	6578559	1.20	cps
Scandium	45-2	562328	568333	559000	563220	0.84	cps
Selenium	82-1	87478	86476	85962	86639	0.89	cps
Selenium	77-2	9116	9150	8863	9043	1.73	cps
Selenium	78-2	30815	30271	30728	30605	0.96	cps
Silicon	28-1	7997587	7865173	7697043	7853268	1.92	cps
Silver	107-1	7328378	7314541	7306710	7316543	0.15	cps
Silver	109-1	7059526	6908692	7010794	6993004	1.10	cps
Sodium	23-2	163467391	165625574	164141718	164411561	0.67	cps
Strontium	86-1	1893209	1868129	1840407	1867248	1.41	cps
Strontium	88-1	16401991	16325229	16039231	16255484	1.18	cps
Sulfur	34-1	595844	583433	580429	586569	1.39	cps
Terbium	159-1	16519591	16529693	16449478	16499588	0.26	cps
Terbium	159-2	11109130	11198359	11145107	11150865	0.40	cps
Thallium	203-1	5945987	6010746	6062221	6006318	0.97	cps
Thallium	205-1	14086160	14379950	14406353	14290821	1.24	cps
Tin	118-1	4947109	5008791	4961662	4972521	0.65	cps
Titanium	47-1	7191478	7013387	6922315	7042393	1.94	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:23:58	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18971496	19208828	19211028	19130451	0.72	cps
Vanadium	51-2	2014079	2007762	1991192	2004344	0.59	cps
Yttrium	89-1	18850605	18350183	18382983	18527924	1.51	cps
Yttrium	89-2	5021244	5048143	5047751	5039046	0.31	cps
Zinc	66-2	4139747	4207083	4157811	4168214	0.84	cps
Zirconium	90-1	10195796	10096316	9898097	10063403	1.51	cps
Zirconium	91-1	2282050	2274496	2238096	2264881	1.04	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:30:03	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	410	323	364	11.94	cps
Antimony	121-1	660	610	640	637	3.95	cps
Arsenic	75-2	10	13	23	16	44.60	cps
Barium	135-1	177	233	163	191	19.45	cps
Barium	137-1	347	333	227	302	21.76	cps
Beryllium	9-1	163	137	110	137	19.51	cps
Bismuth	209-1	10744736	10149513	10162146	10352132	3.28	cps
Bismuth	209-2	8485801	8533003	8605387	8541397	0.71	cps
Bromine	81-1	14134	13960	13837	13977	1.07	cps
Bromine	81-2	137	120	133	130	6.79	cps
Cadmium	108-1	20	23	30	24	20.83	cps
Cadmium	106-1	5131	4994	4788	4971	3.48	cps
Cadmium	111-1	3631	3553	3394	3526	3.43	cps
Calcium	43-1	393	440	343	392	12.33	cps
Calcium	44-1	12412	12332	12352	12365	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1443	1417	1493	1451	2.68	cps
Cobalt	59-2	167	133	167	156	12.37	cps
Copper	63-2	1703	1773	1757	1745	2.10	cps
Dysprosium	156-1	20	20	7	16	49.47	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	107	97	77	93	16.37	cps
Erbium	164-2	77	30	40	49	50.26	cps
Gadolinium	160-1	43	37	83	54	46.36	cps
Gadolinium	160-2	617	610	733	653	10.62	cps
Holmium	165-1	17384045	16701018	16624728	16903264	2.47	cps
Holmium	165-2	11814904	11716558	11915843	11815768	0.84	cps
Indium	115-1	13637574	13078255	13086310	13267380	2.42	cps
Indium	115-2	4805272	4774523	4720076	4766623	0.91	cps
Iron	56-2	28440	27605	26200	27415	4.13	cps
Iron	57-2	1363	1260	1250	1291	4.86	cps
Iron	54-2	3024	2927	2930	2960	1.85	cps
Krypton	83-1	230	203	243	226	9.03	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:30:03	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1203	1260	1123	1196	5.74	cps
Lead	207-1	1013	907	1033	984	6.92	cps
Lead	208-1	4624	4647	4567	4613	0.89	cps
Lithium	6-1	2086466	1995086	1999361	2026971	2.54	cps
Magnesium	24-2	2264	2160	2040	2155	5.19	cps
Manganese	55-2	897	767	843	836	7.82	cps
Molybdenum	94-1	957	960	830	916	8.10	cps
Molybdenum	95-1	830	777	820	809	3.51	cps
Molybdenum	96-1	880	1093	1007	993	10.80	cps
Molybdenum	97-1	520	550	560	543	3.83	cps
Molybdenum	98-1	1557	1530	1333	1473	8.28	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	443	360	337	380	14.76	cps
Phosphorus	31-2	203	217	240	220	8.43	cps
Potassium	39-2	54527	54427	54323	54426	0.19	cps
Rhodium	103-1	12825676	12258937	12258709	12447774	2.63	cps
Rhodium	103-2	7404218	7391796	7318212	7371409	0.63	cps
Scandium	45-1	7254053	6995508	6853603	7034388	2.89	cps
Scandium	45-2	596997	593498	593025	594507	0.36	cps
Selenium	82-1	452	537	385	458	16.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	380	443	423	416	7.79	cps
Silicon	28-1	601804	608885	609105	606598	0.68	cps
Silver	107-1	360	427	420	402	9.13	cps
Silver	109-1	297	307	260	288	8.54	cps
Sodium	23-2	28496	28707	28239	28481	0.82	cps
Strontium	86-1	430	450	463	448	3.75	cps
Strontium	88-1	600	640	600	613	3.77	cps
Sulfur	34-1	187731	186921	188938	187864	0.54	cps
Terbium	159-1	17492784	17122633	16952382	17189267	1.61	cps
Terbium	159-2	11561900	11633177	11482624	11559234	0.65	cps
Thallium	203-1	1080	1177	1150	1136	4.40	cps
Thallium	205-1	2750	2457	2597	2601	5.64	cps
Tin	118-1	1677	1457	1660	1598	7.67	cps
Titanium	47-1	310	283	310	301	5.11	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:30:03	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	457	437	347	413	14.18	cps
Vanadium	51-2	60	33	47	47	28.58	cps
Yttrium	89-1	20582611	19641187	19623369	19949056	2.75	cps
Yttrium	89-2	5305078	5408449	5400576	5371368	1.07	cps
Zinc	66-2	833	750	800	794	5.28	cps
Zirconium	90-1	1043	1137	1083	1088	4.30	cps
Zirconium	91-1	233	257	197	229	13.21	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:33:23	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4491557	4395781	4435219	4440852	1.08	cps
Antimony	121-1	6185753	6255392	6284848	6241998	0.82	cps
Arsenic	75-2	1043792	1040053	1047727	1043857	0.37	cps
Barium	135-1	669140	678644	686804	678196	1.30	cps
Barium	137-1	1175020	1175685	1190578	1180428	0.75	cps
Beryllium	9-1	1010	993	990	998	1.07	cps
Bismuth	209-1	10625421	10471183	10619698	10572100	0.83	cps
Bismuth	209-2	8736586	8691445	8763371	8730467	0.42	cps
Bromine	81-1	55571	59740	62645	59319	5.99	cps
Bromine	81-2	9617	9627	9510	9584	0.68	cps
Cadmium	108-1	1000	987	997	994	0.70	cps
Cadmium	106-1	6498	6842	7085	6808	4.33	cps
Cadmium	111-1	10440	10597	10930	10656	2.35	cps
Calcium	43-1	676045	682967	690339	683117	1.05	cps
Calcium	44-1	10553962	10766416	10849207	10723195	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227498	226566	225670	226578	0.40	cps
Cobalt	59-2	1014083	1021583	1021363	1019009	0.42	cps
Copper	63-2	3683102	3650450	3710981	3681511	0.82	cps
Dysprosium	156-1	33069	33196	33390	33218	0.49	cps
Dysprosium	156-2	27444	27597	28172	27737	1.38	cps
Erbium	164-1	32033	32261	32872	32389	1.34	cps
Erbium	164-2	22969	22876	22849	22898	0.28	cps
Gadolinium	160-1	32802	33483	33437	33241	1.15	cps
Gadolinium	160-2	25323	25637	25710	25557	0.81	cps
Holmium	165-1	17340753	17309833	17210934	17287173	0.39	cps
Holmium	165-2	12320836	12219707	12261779	12267441	0.41	cps
Indium	115-1	14513221	14438197	14520428	14490615	0.31	cps
Indium	115-2	5338676	5329914	5221929	5296840	1.23	cps
Iron	56-2	399913207	397717967	401100421	399577198	0.43	cps
Iron	57-2	9984872	9958390	9886198	9943153	0.51	cps
Iron	54-2	21653043	21773636	21687394	21704691	0.29	cps
Krypton	83-1	277	313	313	301	7.03	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:33:23	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12520177	12540481	12749225	12603294	1.01	cps
Lead	207-1	10918083	10942765	11044347	10968399	0.61	cps
Lead	208-1	50012012	49973318	50249449	50078260	0.30	cps
Lithium	6-1	2017360	2056049	2023789	2032399	1.02	cps
Magnesium	24-2	4525752	4455300	4506766	4495939	0.81	cps
Manganese	55-2	2890748	2855723	2924921	2890464	1.20	cps
Molybdenum	94-1	131557	134541	135083	133727	1.42	cps
Molybdenum	95-1	137091	137821	139750	138221	0.99	cps
Molybdenum	96-1	159375	162292	164675	162114	1.64	cps
Molybdenum	97-1	85193	87077	88476	86915	1.90	cps
Molybdenum	98-1	218740	222610	225570	222307	1.54	cps
Neodymium	150-1	50018	50503	51116	50546	1.09	cps
Neodymium	150-2	30346	30720	30333	30466	0.72	cps
Nickel	60-2	103302	102839	102675	102939	0.32	cps
Phosphorus	31-2	21078	21726	22019	21608	2.23	cps
Potassium	39-2	2478778	2473001	2495919	2482566	0.48	cps
Rhodium	103-1	12536569	12666841	12598608	12600673	0.52	cps
Rhodium	103-2	7659708	7736731	7631286	7675908	0.71	cps
Scandium	45-1	7366333	7418073	7413756	7399387	0.39	cps
Scandium	45-2	659003	654891	659713	657869	0.40	cps
Selenium	82-1	852	908	771	843	8.17	cps
Selenium	77-2	113	73	117	101	23.85	cps
Selenium	78-2	590	527	627	581	8.71	cps
Silicon	28-1	37419961	37994067	38092619	37835549	0.96	cps
Silver	107-1	30054	30168	30011	30078	0.27	cps
Silver	109-1	28274	28217	28632	28374	0.79	cps
Sodium	23-2	9727695	9591236	9714178	9677703	0.78	cps
Strontium	86-1	640066	646950	651168	646061	0.87	cps
Strontium	88-1	5612311	5785714	5792609	5730211	1.78	cps
Sulfur	34-1	280824	280894	284027	281915	0.65	cps
Terbium	159-1	17915229	17712306	17800408	17809314	0.57	cps
Terbium	159-2	12100800	12110470	12079507	12096926	0.13	cps
Thallium	203-1	8453	7926	7689	8022	4.87	cps
Thallium	205-1	20005	18406	18620	19010	4.57	cps
Tin	118-1	1644725	1699549	1663427	1669234	1.67	cps
Titanium	47-1	912561	933965	936051	927526	1.40	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:33:23	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73277	72164	72050	72497	0.93	cps
Vanadium	51-2	249782	249524	249834	249713	0.07	cps
Yttrium	89-1	21256112	21371791	21445281	21357728	0.45	cps
Yttrium	89-2	5856135	5826155	5809185	5830492	0.41	cps
Zinc	66-2	5337713	5306350	5391579	5345214	0.81	cps
Zirconium	90-1	146283	150946	150643	149291	1.75	cps
Zirconium	91-1	33629	34895	34771	34431	2.03	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:36:27	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4454448	4474493	4475774	4468238	0.27	cps
Antimony	121-1	6367694	6410739	6356236	6378223	0.45	cps
Arsenic	75-2	1050615	1049999	1046698	1049104	0.20	cps
Barium	135-1	686652	688215	692726	689198	0.46	cps
Barium	137-1	1188842	1195468	1201752	1195354	0.54	cps
Beryllium	9-1	977	897	933	936	4.28	cps
Bismuth	209-1	10543234	10488561	10809690	10613828	1.62	cps
Bismuth	209-2	8639227	8711175	8698105	8682836	0.44	cps
Bromine	81-1	58940	62367	64098	61802	4.25	cps
Bromine	81-2	9483	9396	9710	9530	1.70	cps
Cadmium	108-1	970	993	1037	1000	3.38	cps
Cadmium	106-1	6862	6882	6742	6828	1.11	cps
Cadmium	111-1	10706	10797	10802	10768	0.50	cps
Calcium	43-1	696143	695154	700298	697198	0.39	cps
Calcium	44-1	10818408	10909466	11012397	10913424	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226432	228555	225484	226824	0.69	cps
Cobalt	59-2	1027989	1022183	1018324	1022832	0.48	cps
Copper	63-2	3745672	3675297	3724084	3715017	0.97	cps
Dysprosium	156-1	32942	33049	33196	33062	0.39	cps
Dysprosium	156-2	27507	27287	27557	27450	0.52	cps
Erbium	164-1	32798	32658	32842	32766	0.29	cps
Erbium	164-2	22515	23229	22441	22729	1.91	cps
Gadolinium	160-1	33610	33092	33443	33382	0.79	cps
Gadolinium	160-2	25340	25406	24956	25234	0.96	cps
Holmium	165-1	17397332	17278627	17572559	17416173	0.85	cps
Holmium	165-2	12111448	12285169	12165759	12187459	0.73	cps
Indium	115-1	14819483	14627651	14774158	14740431	0.68	cps
Indium	115-2	5280176	5363162	5298615	5313984	0.82	cps
Iron	56-2	399631701	400289754	398585541	399502332	0.22	cps
Iron	57-2	9972467	9906684	9956427	9945193	0.34	cps
Iron	54-2	21744427	21926010	21664286	21778241	0.62	cps
Krypton	83-1	270	343	317	310	11.97	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:36:27	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12528950	12789771	12701724	12673481	1.05	cps
Lead	207-1	10893905	10944591	11164209	11000902	1.31	cps
Lead	208-1	50048957	50319583	50803634	50390725	0.76	cps
Lithium	6-1	2007429	1957266	2036517	2000404	2.00	cps
Magnesium	24-2	4545311	4506727	4505608	4519215	0.50	cps
Manganese	55-2	2871386	2898285	2867331	2879001	0.58	cps
Molybdenum	94-1	136351	137427	135445	136408	0.73	cps
Molybdenum	95-1	140201	140103	140008	140104	0.07	cps
Molybdenum	96-1	163674	162244	165174	163698	0.90	cps
Molybdenum	97-1	88355	87526	88445	88109	0.57	cps
Molybdenum	98-1	226395	227098	227643	227045	0.28	cps
Neodymium	150-1	50815	50480	50912	50735	0.45	cps
Neodymium	150-2	30002	30881	30710	30531	1.53	cps
Nickel	60-2	103957	103524	103812	103764	0.21	cps
Phosphorus	31-2	21762	21899	21585	21749	0.72	cps
Potassium	39-2	2478306	2478886	2467103	2474765	0.27	cps
Rhodium	103-1	12962333	12755654	12748337	12822108	0.95	cps
Rhodium	103-2	7667744	7831684	7797700	7765709	1.11	cps
Scandium	45-1	7507384	7501652	7680905	7563314	1.35	cps
Scandium	45-2	653130	662654	659964	658583	0.75	cps
Selenium	82-1	873	714	835	807	10.34	cps
Selenium	77-2	127	110	117	118	7.12	cps
Selenium	78-2	573	640	537	583	8.98	cps
Silicon	28-1	38476939	39688990	38723164	38963031	1.64	cps
Silver	107-1	30135	30562	30238	30312	0.74	cps
Silver	109-1	28632	28431	28328	28464	0.54	cps
Sodium	23-2	9767670	9737646	9561126	9688814	1.15	cps
Strontium	86-1	658743	655887	663704	659444	0.60	cps
Strontium	88-1	5828759	5841088	5770365	5813404	0.65	cps
Sulfur	34-1	275264	272724	273500	273829	0.48	cps
Terbium	159-1	18140853	17648333	17900226	17896471	1.38	cps
Terbium	159-2	11930943	12088219	12160999	12060054	0.98	cps
Thallium	203-1	6965	6882	7095	6981	1.54	cps
Thallium	205-1	16560	16937	17054	16851	1.53	cps
Tin	118-1	1673261	1711991	1703268	1696173	1.20	cps
Titanium	47-1	942205	956460	953036	950567	0.78	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:36:27	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71806	71735	73069	72203	1.04	cps
Vanadium	51-2	251667	250089	253122	251626	0.60	cps
Yttrium	89-1	21729131	21597591	21668766	21665162	0.30	cps
Yttrium	89-2	5781472	5928076	5857341	5855629	1.25	cps
Zinc	66-2	5402692	5377334	5347227	5375751	0.52	cps
Zirconium	90-1	151923	154489	153034	153149	0.84	cps
Zirconium	91-1	34901	35570	35439	35304	1.00	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:39:28	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	854212	856144	851881	854079	0.25	cps
Antimony	121-1	1226872	1235222	1230751	1230948	0.34	cps
Arsenic	75-2	203586	205793	204739	204706	0.54	cps
Barium	135-1	133636	134034	136251	134640	1.05	cps
Barium	137-1	233876	231886	234029	233264	0.51	cps
Beryllium	9-1	283	283	283	283	0.00	cps
Bismuth	209-1	10516075	10332367	10371910	10406784	0.93	cps
Bismuth	209-2	8545678	8565199	8533378	8548085	0.19	cps
Bromine	81-1	24911	25803	25262	25325	1.77	cps
Bromine	81-2	2224	2137	2064	2141	3.74	cps
Cadmium	108-1	223	177	207	202	11.69	cps
Cadmium	106-1	5514	5488	5374	5459	1.36	cps
Cadmium	111-1	5194	5108	5047	5116	1.44	cps
Calcium	43-1	137829	137641	137405	137625	0.15	cps
Calcium	44-1	2140937	2175869	2091295	2136033	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45221	46010	45288	45506	0.96	cps
Cobalt	59-2	199879	203459	202081	201807	0.89	cps
Copper	63-2	734814	733108	729035	732319	0.41	cps
Dysprosium	156-1	6475	6475	6348	6433	1.14	cps
Dysprosium	156-2	5308	5721	5438	5489	3.85	cps
Erbium	164-1	6528	6702	6548	6593	1.44	cps
Erbium	164-2	4517	4624	4471	4537	1.73	cps
Gadolinium	160-1	6872	6895	6548	6772	2.86	cps
Gadolinium	160-2	5608	5621	5444	5558	1.77	cps
Holmium	165-1	17362332	17114895	17084890	17187372	0.89	cps
Holmium	165-2	12078259	11868299	12088744	12011767	1.04	cps
Indium	115-1	13890278	13782405	13592435	13755039	1.10	cps
Indium	115-2	5011701	5021357	4967335	5000131	0.58	cps
Iron	56-2	78743892	78861514	78502902	78702769	0.23	cps
Iron	57-2	1935091	1944121	1991304	1956839	1.54	cps
Iron	54-2	4228529	4298509	4250816	4259285	0.84	cps
Krypton	83-1	237	260	280	259	8.38	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:39:28	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2507093	2501144	2507912	2505383	0.15	cps
Lead	207-1	2158721	2156705	2186617	2167348	0.77	cps
Lead	208-1	9932182	9903558	9884673	9906804	0.24	cps
Lithium	6-1	1943734	1972662	1959526	1958641	0.74	cps
Magnesium	24-2	845681	852263	843482	847142	0.54	cps
Manganese	55-2	562914	568493	561644	564350	0.65	cps
Molybdenum	94-1	26851	26588	26554	26664	0.61	cps
Molybdenum	95-1	28074	28291	27516	27960	1.43	cps
Molybdenum	96-1	32573	32827	32235	32545	0.91	cps
Molybdenum	97-1	17097	17244	17561	17300	1.37	cps
Molybdenum	98-1	44243	44982	44618	44615	0.83	cps
Neodymium	150-1	10297	9527	9950	9925	3.89	cps
Neodymium	150-2	6128	5731	6005	5955	3.41	cps
Nickel	60-2	20598	20624	20411	20544	0.57	cps
Phosphorus	31-2	4494	4424	4474	4464	0.81	cps
Potassium	39-2	546905	550826	544084	547272	0.62	cps
Rhodium	103-1	12927033	12610556	12703299	12746963	1.28	cps
Rhodium	103-2	7695149	7712870	7657357	7688459	0.37	cps
Scandium	45-1	7487764	7413812	7317984	7406520	1.15	cps
Scandium	45-2	630062	638196	633781	634013	0.64	cps
Selenium	82-1	598	588	497	561	9.97	cps
Selenium	77-2	13	23	40	26	52.73	cps
Selenium	78-2	443	443	477	454	4.23	cps
Silicon	28-1	8276132	8245975	8316382	8279496	0.43	cps
Silver	107-1	5781	5698	6085	5855	3.48	cps
Silver	109-1	5781	5664	5698	5715	1.05	cps
Sodium	23-2	1912538	1946518	1887849	1915635	1.54	cps
Strontium	86-1	128760	130115	128011	128962	0.83	cps
Strontium	88-1	1133226	1140165	1132809	1135400	0.36	cps
Sulfur	34-1	185713	187660	187228	186867	0.55	cps
Terbium	159-1	17496483	17520706	17183715	17400302	1.08	cps
Terbium	159-2	11900599	11790059	12001901	11897520	0.89	cps
Thallium	203-1	1823	1843	1820	1829	0.69	cps
Thallium	205-1	4337	4301	4184	4274	1.87	cps
Tin	118-1	330811	331954	331450	331405	0.17	cps
Titanium	47-1	185842	187186	185509	186179	0.48	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:39:28	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14148	13824	14134	14035	1.30	cps
Vanadium	51-2	48230	49039	48471	48580	0.86	cps
Yttrium	89-1	20956449	20902962	20774714	20878042	0.45	cps
Yttrium	89-2	5657495	5664130	5635781	5652468	0.26	cps
Zinc	66-2	1052936	1052882	1051046	1052288	0.10	cps
Zirconium	90-1	30639	29780	30562	30327	1.57	cps
Zirconium	91-1	6908	7142	7342	7131	3.04	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:42:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4510663	4489637	4509233	4503177	0.26	cps
Antimony	121-1	6194260	6299821	6193239	6229107	0.98	cps
Arsenic	75-2	1188970	1189989	1185396	1188118	0.20	cps
Barium	135-1	2119476	2152324	2155552	2142451	0.93	cps
Barium	137-1	3653696	3728667	3752546	3711636	1.39	cps
Beryllium	9-1	17507	17673	17170	17450	1.47	cps
Bismuth	209-1	10786152	10832292	10501256	10706567	1.67	cps
Bismuth	209-2	8773569	8710134	8737065	8740256	0.36	cps
Bromine	81-1	56892	59616	61323	59277	3.77	cps
Bromine	81-2	8986	9423	9550	9320	3.17	cps
Cadmium	108-1	25546	25315	25823	25562	0.99	cps
Cadmium	106-1	40593	40109	41061	40588	1.17	cps
Cadmium	111-1	384310	384534	384659	384501	0.05	cps
Calcium	43-1	689664	688398	689420	689161	0.10	cps
Calcium	44-1	10742237	10768253	10614302	10708264	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	444555	448701	447213	446823	0.47	cps
Cobalt	59-2	1914870	1922258	1885313	1907480	1.02	cps
Copper	63-2	3991246	3978039	4006823	3992036	0.36	cps
Dysprosium	156-1	33463	32434	33640	33179	1.96	cps
Dysprosium	156-2	27520	27337	27444	27434	0.34	cps
Erbium	164-1	32207	31983	32631	32274	1.02	cps
Erbium	164-2	22976	22882	22441	22766	1.25	cps
Gadolinium	160-1	34192	32975	32755	33307	2.32	cps
Gadolinium	160-2	25019	24922	24745	24896	0.56	cps
Holmium	165-1	17475395	17560130	17488148	17507891	0.26	cps
Holmium	165-2	12331359	12274284	12452104	12352582	0.73	cps
Indium	115-1	14801551	14746648	14607327	14718509	0.68	cps
Indium	115-2	5336962	5270746	5273848	5293852	0.71	cps
Iron	56-2	398244074	391803981	395561727	395203261	0.82	cps
Iron	57-2	9774397	9780838	9835319	9796851	0.34	cps
Iron	54-2	21278103	21501065	21530517	21436562	0.64	cps
Krypton	83-1	303	297	320	307	3.92	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:42:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14983408	15034503	14941484	14986465	0.31	cps
Lead	207-1	12798482	12942628	12730439	12823850	0.84	cps
Lead	208-1	59066822	59362581	58647657	59025687	0.61	cps
Lithium	6-1	2080562	2012796	1932923	2008761	3.68	cps
Magnesium	24-2	4477825	4436678	4441233	4451912	0.51	cps
Manganese	55-2	3254024	3280195	3282795	3272338	0.49	cps
Molybdenum	94-1	143095	142007	143700	142934	0.60	cps
Molybdenum	95-1	153070	152077	153745	152964	0.55	cps
Molybdenum	96-1	177446	178144	179054	178215	0.45	cps
Molybdenum	97-1	96060	97344	96409	96604	0.69	cps
Molybdenum	98-1	247829	249469	247171	248156	0.48	cps
Neodymium	150-1	50196	50487	51182	50622	1.00	cps
Neodymium	150-2	30222	29898	29938	30020	0.59	cps
Nickel	60-2	329163	328995	329385	329181	0.06	cps
Phosphorus	31-2	21542	21448	21355	21448	0.44	cps
Potassium	39-2	2440163	2466820	2424588	2443857	0.87	cps
Rhodium	103-1	12912541	12986406	12700808	12866585	1.15	cps
Rhodium	103-2	7777839	7751679	7724818	7751445	0.34	cps
Scandium	45-1	7669848	7680219	7521230	7623766	1.17	cps
Scandium	45-2	658632	658138	663548	660106	0.45	cps
Selenium	82-1	50995	51314	51319	51209	0.36	cps
Selenium	77-2	5181	5548	5441	5390	3.50	cps
Selenium	78-2	18785	17747	18071	18201	2.92	cps
Silicon	28-1	38238748	38100056	37945179	38094661	0.39	cps
Silver	107-1	207386	210233	211486	209702	1.00	cps
Silver	109-1	198385	198453	198276	198371	0.05	cps
Sodium	23-2	9517512	9483385	9531333	9510743	0.26	cps
Strontium	86-1	652422	655034	649993	652483	0.39	cps
Strontium	88-1	5669128	5782997	5758421	5736849	1.04	cps
Sulfur	34-1	265390	268486	270427	268101	0.95	cps
Terbium	159-1	18085405	17949779	17914272	17983152	0.50	cps
Terbium	159-2	12146728	12213030	12395636	12251798	1.05	cps
Thallium	203-1	2748449	2819163	2800402	2789338	1.31	cps
Thallium	205-1	6598331	6630812	6617547	6615563	0.25	cps
Tin	118-1	1665806	1659941	1672973	1666240	0.39	cps
Titanium	47-1	936566	934248	940820	937211	0.36	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:42:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71226	71963	70371	71187	1.12	cps
Vanadium	51-2	729794	732792	731359	731315	0.21	cps
Yttrium	89-1	21775836	21788585	21731381	21765267	0.14	cps
Yttrium	89-2	5911513	5819749	5836947	5856070	0.83	cps
Zinc	66-2	5354109	5349240	5395656	5366335	0.48	cps
Zirconium	90-1	149475	151003	150648	150375	0.53	cps
Zirconium	91-1	34414	35259	35433	35035	1.56	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18RE	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:45:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2281641	2246480	2205272	2244464	1.70	cps
Antimony	121-1	138123	137325	135784	137077	0.87	cps
Arsenic	75-2	12042	12072	11668	11927	1.89	cps
Barium	135-1	636303	641769	633012	637028	0.69	cps
Barium	137-1	1115970	1109954	1098409	1108111	0.81	cps
Beryllium	9-1	2124	2154	2267	2181	3.47	cps
Bismuth	209-1	11202454	10462817	10545107	10736793	3.78	cps
Bismuth	209-2	8409567	8403386	8513835	8442263	0.74	cps
Bromine	81-1	28414	28925	28137	28492	1.40	cps
Bromine	81-2	2860	2884	2897	2880	0.64	cps
Cadmium	108-1	1590	1673	1680	1648	3.04	cps
Cadmium	106-1	8249	7972	7479	7900	4.94	cps
Cadmium	111-1	25176	25027	24059	24754	2.45	cps
Calcium	43-1	2806017	2775718	2770882	2784206	0.68	cps
Calcium	44-1	45096524	45193444	44397041	44895670	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5841663	5813268	5797799	5817577	0.38	cps
Cobalt	59-2	133037	132592	132824	132818	0.17	cps
Copper	63-2	564063	560067	554574	559568	0.85	cps
Dysprosium	156-1	21647	21500	21623	21590	0.37	cps
Dysprosium	156-2	17578	17351	18289	17739	2.76	cps
Erbium	164-1	22118	21530	21907	21852	1.36	cps
Erbium	164-2	15435	14624	14951	15004	2.72	cps
Gadolinium	160-1	20839	21673	21226	21246	1.97	cps
Gadolinium	160-2	15832	16316	15862	16004	1.69	cps
Holmium	165-1	18408014	17192634	17332689	17644446	3.77	cps
Holmium	165-2	11993867	11707579	11770983	11824143	1.27	cps
Indium	115-1	14515597	13563654	13387346	13822199	4.39	cps
Indium	115-2	4773892	4692123	4703703	4723239	0.94	cps
Iron	56-2	811188281	802416735	794146175	802583730	1.06	cps
Iron	57-2	20137483	19880270	20009811	20009188	0.64	cps
Iron	54-2	43932133	43919458	43197813	43683134	0.96	cps
Krypton	83-1	233	353	267	284	21.78	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18RE	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:45:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9430924	9536935	9540487	9502782	0.66	cps
Lead	207-1	7819940	7827810	7837003	7828251	0.11	cps
Lead	208-1	36491471	36356983	36318987	36389147	0.25	cps
Lithium	6-1	2069859	1962762	1981222	2004614	2.86	cps
Magnesium	24-2	6845879	6777847	6764548	6796091	0.64	cps
Manganese	55-2	37605054	37172039	36986240	37254444	0.85	cps
Molybdenum	94-1	121062	121639	119237	120646	1.04	cps
Molybdenum	95-1	166944	165427	163454	165275	1.06	cps
Molybdenum	96-1	190301	191608	186230	189379	1.48	cps
Molybdenum	97-1	103721	104228	101905	103285	1.18	cps
Molybdenum	98-1	266656	266636	262793	265362	0.84	cps
Neodymium	150-1	33396	32788	32875	33020	1.00	cps
Neodymium	150-2	19517	19333	19524	19458	0.56	cps
Nickel	60-2	868991	860699	854721	861470	0.83	cps
Phosphorus	31-2	16749	16919	16382	16684	1.65	cps
Potassium	39-2	912039	899566	898367	903324	0.84	cps
Rhodium	103-1	13249089	12509708	12261271	12673356	4.05	cps
Rhodium	103-2	7341635	7137025	7270701	7249787	1.43	cps
Scandium	45-1	7732210	7295057	7136139	7387802	4.18	cps
Scandium	45-2	596239	591282	588158	591893	0.69	cps
Selenium	82-1	849	796	898	848	5.99	cps
Selenium	77-2	107	80	110	99	16.63	cps
Selenium	78-2	447	560	530	512	11.46	cps
Silicon	28-1	24007572	23665100	23295271	23655981	1.51	cps
Silver	107-1	54415	53033	52043	53164	2.24	cps
Silver	109-1	51117	50136	49909	50387	1.27	cps
Sodium	23-2	252342	248913	249174	250143	0.76	cps
Strontium	86-1	560078	562125	551729	557977	0.99	cps
Strontium	88-1	4902863	4942737	4805534	4883711	1.45	cps
Sulfur	34-1	263783	260098	256400	260093	1.42	cps
Terbium	159-1	19112507	17807806	17456639	18125651	4.81	cps
Terbium	159-2	11816798	11650209	11559591	11675532	1.12	cps
Thallium	203-1	18917	19487	19130	19178	1.50	cps
Thallium	205-1	45539	45910	45349	45599	0.63	cps
Tin	118-1	121534	120583	120623	120914	0.44	cps
Titanium	47-1	665055	658524	648624	657401	1.26	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18RE	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:45:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36995	37399	36530	36975	1.18	cps
Vanadium	51-2	312011	308952	306969	309311	0.82	cps
Yttrium	89-1	22331425	20944418	20582057	21285967	4.34	cps
Yttrium	89-2	5457486	5410601	5452122	5440070	0.47	cps
Zinc	66-2	2163794	2138224	2141158	2147726	0.65	cps
Zirconium	90-1	70434	71513	69503	70483	1.43	cps
Zirconium	91-1	15899	16099	15618	15872	1.52	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:48:38	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2110014	2146170	2121181	2125788	0.87	cps
Antimony	121-1	132322	132063	131572	131986	0.29	cps
Arsenic	75-2	11541	11855	11351	11582	2.20	cps
Barium	135-1	616293	617631	615191	616372	0.20	cps
Barium	137-1	1076009	1075002	1058425	1069812	0.92	cps
Beryllium	9-1	2080	1947	2003	2010	3.33	cps
Bismuth	209-1	10754580	10488103	10246747	10496476	2.42	cps
Bismuth	209-2	8470317	8503283	8308567	8427389	1.24	cps
Bromine	81-1	26036	26637	26500	26391	1.19	cps
Bromine	81-2	2637	2957	2674	2756	6.36	cps
Cadmium	108-1	1897	1650	1603	1717	9.18	cps
Cadmium	106-1	7299	7212	7192	7234	0.78	cps
Cadmium	111-1	23154	23690	23455	23433	1.15	cps
Calcium	43-1	2641624	2635789	2616391	2631268	0.50	cps
Calcium	44-1	42306447	42418860	42255171	42326826	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5600365	5517269	5518359	5545331	0.86	cps
Cobalt	59-2	128565	125691	125008	126421	1.49	cps
Copper	63-2	535779	533460	535677	534972	0.24	cps
Dysprosium	156-1	20866	20922	20739	20842	0.45	cps
Dysprosium	156-2	17748	17214	17351	17438	1.59	cps
Erbium	164-1	21089	21473	21430	21331	0.99	cps
Erbium	164-2	15062	15038	14621	14907	1.66	cps
Gadolinium	160-1	20859	20956	20846	20887	0.29	cps
Gadolinium	160-2	15759	15412	15906	15692	1.62	cps
Holmium	165-1	17608588	17057248	16800146	17155327	2.41	cps
Holmium	165-2	11915175	11649628	11648084	11737629	1.31	cps
Indium	115-1	13435255	12883638	12936497	13085130	2.33	cps
Indium	115-2	4601171	4585249	4509947	4565456	1.07	cps
Iron	56-2	769876495	763030735	762044309	764983846	0.56	cps
Iron	57-2	19248033	19106900	19063075	19139336	0.50	cps
Iron	54-2	41689705	41955097	41139405	41594736	1.00	cps
Krypton	83-1	267	197	283	249	18.48	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:48:38	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9335336	9463908	9325602	9374948	0.82	cps
Lead	207-1	7574611	7777985	7793726	7715441	1.58	cps
Lead	208-1	35586028	36516109	35837417	35979852	1.34	cps
Lithium	6-1	2060259	1990650	1980997	2010636	2.15	cps
Magnesium	24-2	6465340	6396098	6408512	6423316	0.57	cps
Manganese	55-2	35852054	35501377	35452236	35601889	0.61	cps
Molybdenum	94-1	114460	114909	114376	114582	0.25	cps
Molybdenum	95-1	155752	159690	156924	157456	1.28	cps
Molybdenum	96-1	183287	180820	182274	182127	0.68	cps
Molybdenum	97-1	99710	98898	98784	99131	0.51	cps
Molybdenum	98-1	255729	257109	254620	255819	0.49	cps
Neodymium	150-1	31625	32371	32180	32059	1.21	cps
Neodymium	150-2	18539	18859	18235	18544	1.68	cps
Nickel	60-2	818268	822758	817855	819627	0.33	cps
Phosphorus	31-2	16202	16215	15825	16081	1.38	cps
Potassium	39-2	852330	854345	850864	852513	0.21	cps
Rhodium	103-1	12557482	11933232	11799731	12096815	3.34	cps
Rhodium	103-2	7065161	7016930	6966681	7016257	0.70	cps
Scandium	45-1	7136391	6802942	6692792	6877375	3.36	cps
Scandium	45-2	563850	564751	562030	563544	0.25	cps
Selenium	82-1	830	813	681	775	10.53	cps
Selenium	77-2	103	83	93	93	10.71	cps
Selenium	78-2	547	473	493	504	7.52	cps
Silicon	28-1	22207539	22145598	21997891	22117009	0.49	cps
Silver	107-1	50675	50554	49936	50388	0.79	cps
Silver	109-1	48167	47661	47334	47721	0.88	cps
Sodium	23-2	237585	237774	237537	237632	0.05	cps
Strontium	86-1	530577	530281	530821	530560	0.05	cps
Strontium	88-1	4746721	4682573	4664557	4697951	0.92	cps
Sulfur	34-1	237480	233517	232173	234390	1.18	cps
Terbium	159-1	17974921	17336616	17179528	17497022	2.41	cps
Terbium	159-2	11411816	11375276	11378918	11388670	0.18	cps
Thallium	203-1	18653	18713	18392	18586	0.92	cps
Thallium	205-1	43496	44044	44880	44140	1.58	cps
Tin	118-1	115472	116725	115667	115954	0.58	cps
Titanium	47-1	612908	618137	611788	614278	0.55	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:48:38	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37232	36667	37055	36985	0.78	cps
Vanadium	51-2	293913	294154	290349	292805	0.73	cps
Yttrium	89-1	20936136	20171964	19794899	20301000	2.86	cps
Yttrium	89-2	5264030	5243375	5213640	5240348	0.48	cps
Zinc	66-2	2068005	2058841	2032805	2053217	0.89	cps
Zirconium	90-1	67709	68680	67219	67869	1.10	cps
Zirconium	91-1	15188	15402	15508	15366	1.06	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LREX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:51:40	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417622	414274	414762	415553	0.44	cps
Antimony	121-1	25837	25262	26371	25823	2.15	cps
Arsenic	75-2	2324	2464	2280	2356	4.07	cps
Barium	135-1	122868	123278	124243	123463	0.57	cps
Barium	137-1	211915	213058	212775	212583	0.28	cps
Beryllium	9-1	483	467	463	471	2.27	cps
Bismuth	209-1	9819497	10252303	10292741	10121514	2.59	cps
Bismuth	209-2	8294934	8423262	8420847	8379681	0.88	cps
Bromine	81-1	15421	15812	15368	15534	1.56	cps
Bromine	81-2	677	750	730	719	5.27	cps
Cadmium	108-1	310	327	313	317	2.78	cps
Cadmium	106-1	5234	5168	5201	5201	0.64	cps
Cadmium	111-1	7251	7233	7352	7278	0.88	cps
Calcium	43-1	531960	533865	531746	532524	0.22	cps
Calcium	44-1	8251132	8294925	8300504	8282187	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1108919	1100799	1103625	1104448	0.37	cps
Cobalt	59-2	25619	25555	25355	25510	0.54	cps
Copper	63-2	109849	109799	109050	109566	0.41	cps
Dysprosium	156-1	4201	4394	4114	4236	3.38	cps
Dysprosium	156-2	3464	3194	3637	3432	6.51	cps
Erbium	164-1	4271	4291	4441	4334	2.14	cps
Erbium	164-2	3080	2810	3034	2975	4.85	cps
Gadolinium	160-1	4224	3944	4131	4100	3.48	cps
Gadolinium	160-2	3324	3724	3647	3565	5.96	cps
Holmium	165-1	16331291	16438177	16551697	16440388	0.67	cps
Holmium	165-2	11419614	11661028	11534449	11538364	1.05	cps
Indium	115-1	12457671	12640966	12787011	12628549	1.31	cps
Indium	115-2	4558504	4551296	4472306	4527369	1.06	cps
Iron	56-2	154024198	152851588	154895781	153923855	0.67	cps
Iron	57-2	3826462	3813106	3815283	3818284	0.19	cps
Iron	54-2	8345730	8309325	8343494	8332850	0.24	cps
Krypton	83-1	253	243	183	227	16.70	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LREX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:51:40	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1911840	1925311	1890131	1909094	0.93	cps
Lead	207-1	1522679	1524250	1534179	1527036	0.41	cps
Lead	208-1	7270031	7287078	7360007	7305705	0.65	cps
Lithium	6-1	1896828	1926731	1916788	1913449	0.80	cps
Magnesium	24-2	1275041	1294662	1293817	1287840	0.86	cps
Manganese	55-2	7135160	7051244	7119977	7102127	0.63	cps
Molybdenum	94-1	22744	22684	22377	22602	0.87	cps
Molybdenum	95-1	31066	31471	31323	31287	0.65	cps
Molybdenum	96-1	35941	35887	36322	36050	0.66	cps
Molybdenum	97-1	19380	19410	20261	19683	2.54	cps
Molybdenum	98-1	50510	49865	51607	50661	1.74	cps
Neodymium	150-1	6468	6395	6468	6444	0.66	cps
Neodymium	150-2	3787	3610	3711	3703	2.39	cps
Nickel	60-2	167214	165785	165485	166161	0.56	cps
Phosphorus	31-2	3554	3480	3360	3465	2.82	cps
Potassium	39-2	210613	208250	210336	209733	0.62	cps
Rhodium	103-1	11354282	11768133	11739781	11620732	1.99	cps
Rhodium	103-2	7036896	6931169	6961329	6976465	0.78	cps
Scandium	45-1	6333739	6452550	6528282	6438190	1.52	cps
Scandium	45-2	552068	545558	543843	547156	0.79	cps
Selenium	82-1	448	423	448	440	3.20	cps
Selenium	77-2	27	17	7	17	59.99	cps
Selenium	78-2	433	333	337	368	15.44	cps
Silicon	28-1	4967303	4936546	4908323	4937391	0.60	cps
Silver	107-1	9833	10050	9780	9888	1.45	cps
Silver	109-1	9623	9613	9340	9525	1.69	cps
Sodium	23-2	75657	69285	69737	71559	4.97	cps
Strontium	86-1	104840	105739	104803	105127	0.50	cps
Strontium	88-1	929191	926445	924376	926671	0.26	cps
Sulfur	34-1	172501	171500	170637	171546	0.54	cps
Terbium	159-1	16381242	16943576	16863717	16729512	1.82	cps
Terbium	159-2	11476145	11285672	11153519	11305112	1.43	cps
Thallium	203-1	4077	3981	4087	4048	1.46	cps
Thallium	205-1	9704	9643	9647	9665	0.35	cps
Tin	118-1	24257	24184	24761	24401	1.29	cps
Titanium	47-1	119826	121980	121936	121247	1.02	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LREX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 16:51:40	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7315	7342	7322	7327	0.19	cps
Vanadium	51-2	58309	59018	57857	58395	1.00	cps
Yttrium	89-1	18537770	18893398	18940593	18790587	1.17	cps
Yttrium	89-2	5111525	5017674	5090104	5073101	0.97	cps
Zinc	66-2	420142	420220	419807	420056	0.05	cps
Zirconium	90-1	13086	13520	13617	13408	2.11	cps
Zirconium	91-1	3064	3000	3140	3068	2.29	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:54:52	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192879	2150650	2162470	2168666	1.00	cps
Antimony	121-1	128874	128592	128343	128603	0.21	cps
Arsenic	75-2	142106	142836	141221	142054	0.57	cps
Barium	135-1	1927431	1933110	1934081	1931541	0.19	cps
Barium	137-1	3383567	3317458	3337247	3346091	1.01	cps
Beryllium	9-1	17043	17190	17116	17116	0.43	cps
Bismuth	209-1	10671249	10539967	10555139	10588785	0.68	cps
Bismuth	209-2	8394895	8513273	8354582	8420917	0.98	cps
Bromine	81-1	24701	24914	25345	24987	1.31	cps
Bromine	81-2	2660	2714	2677	2684	1.02	cps
Cadmium	108-1	23476	23766	23162	23468	1.29	cps
Cadmium	106-1	36994	36900	37061	36985	0.22	cps
Cadmium	111-1	364437	363653	359179	362423	0.78	cps
Calcium	43-1	2499669	2506072	2539342	2515027	0.85	cps
Calcium	44-1	40367925	40795134	40404971	40522677	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5586667	5458617	5538005	5527763	1.17	cps
Cobalt	59-2	864256	861549	854392	860066	0.59	cps
Copper	63-2	773527	774800	769316	772547	0.37	cps
Dysprosium	156-1	20148	21029	20201	20459	2.42	cps
Dysprosium	156-2	16970	17034	16834	16946	0.60	cps
Erbium	164-1	21366	21273	21019	21220	0.85	cps
Erbium	164-2	14354	14905	14121	14460	2.78	cps
Gadolinium	160-1	19964	20351	20235	20183	0.98	cps
Gadolinium	160-2	15495	15772	14911	15393	2.86	cps
Holmium	165-1	17047469	16943709	16807218	16932798	0.71	cps
Holmium	165-2	11547469	11570783	11608623	11575625	0.27	cps
Indium	115-1	12994888	12852945	12700678	12849504	1.15	cps
Indium	115-2	4456211	4457644	4504641	4472832	0.62	cps
Iron	56-2	739033536	742022362	737204629	739420176	0.33	cps
Iron	57-2	18426561	18595051	18406198	18475936	0.56	cps
Iron	54-2	40129428	40205583	39996730	40110580	0.26	cps
Krypton	83-1	217	297	217	243	18.98	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:54:52	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11621261	11583285	11616394	11606980	0.18	cps
Lead	207-1	9614288	9537346	9464643	9538759	0.78	cps
Lead	208-1	44653600	44272953	44268851	44398468	0.50	cps
Lithium	6-1	1996779	1984522	1962194	1981165	0.89	cps
Magnesium	24-2	6263118	6268817	6173159	6235031	0.86	cps
Manganese	55-2	34878007	34678121	34420847	34658992	0.66	cps
Molybdenum	94-1	118400	118219	118887	118502	0.29	cps
Molybdenum	95-1	164513	166690	164014	165072	0.86	cps
Molybdenum	96-1	186899	190085	189670	188885	0.92	cps
Molybdenum	97-1	102852	105108	103684	103881	1.10	cps
Molybdenum	98-1	266357	267688	263822	265956	0.74	cps
Neodymium	150-1	31198	31348	30871	31139	0.78	cps
Neodymium	150-2	18302	18489	18429	18407	0.52	cps
Nickel	60-2	984630	980710	975635	980325	0.46	cps
Phosphorus	31-2	15047	15134	15221	15134	0.57	cps
Potassium	39-2	825148	824996	819026	823057	0.42	cps
Rhodium	103-1	11811119	11569734	11506484	11629112	1.38	cps
Rhodium	103-2	6971628	6909081	6866587	6915765	0.76	cps
Scandium	45-1	6639637	6652726	6560584	6617649	0.75	cps
Scandium	45-2	554198	553278	549623	552366	0.44	cps
Selenium	82-1	45282	44835	44806	44974	0.59	cps
Selenium	77-2	4501	4677	4561	4580	1.96	cps
Selenium	78-2	15662	15378	15805	15615	1.39	cps
Silicon	28-1	21162697	21354425	21124752	21213958	0.58	cps
Silver	107-1	209044	207753	209551	208782	0.44	cps
Silver	109-1	199226	197868	198733	198609	0.35	cps
Sodium	23-2	226988	226437	224850	226092	0.49	cps
Strontium	86-1	514469	513123	510916	512836	0.35	cps
Strontium	88-1	4493519	4552701	4443379	4496533	1.22	cps
Sulfur	34-1	224670	220785	222368	222607	0.88	cps
Terbium	159-1	17177312	17085849	17005615	17089592	0.50	cps
Terbium	159-2	11406032	11425034	11426706	11419257	0.10	cps
Thallium	203-1	2698140	2749439	2703991	2717190	1.03	cps
Thallium	205-1	6386057	6454266	6435134	6425152	0.55	cps
Tin	118-1	112287	113919	113388	113198	0.74	cps
Titanium	47-1	588747	592606	584921	588758	0.65	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20RE	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:54:52	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37165	37329	37075	37190	0.35	cps
Vanadium	51-2	687997	688141	681783	685973	0.53	cps
Yttrium	89-1	19815781	19523683	19447601	19595688	0.99	cps
Yttrium	89-2	5131446	5172657	5163887	5155996	0.42	cps
Zinc	66-2	2078570	2105426	2088221	2090739	0.65	cps
Zirconium	90-1	64290	64882	64116	64429	0.62	cps
Zirconium	91-1	14350	15074	14664	14696	2.47	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04	Instrumnet Name :	P7
Client Sample ID :	ME28X0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4058300	4074819	4022798	4051972	0.66	cps
Antimony	121-1	7582	7692	7785	7687	1.32	cps
Arsenic	75-2	10621	10737	10560	10639	0.85	cps
Barium	135-1	567691	563387	566243	565774	0.39	cps
Barium	137-1	980051	980856	985407	982104	0.29	cps
Beryllium	9-1	1757	1697	1667	1707	2.69	cps
Bismuth	209-1	10323522	10237548	10295509	10285526	0.43	cps
Bismuth	209-2	8334478	8349649	8211229	8298452	0.91	cps
Bromine	81-1	16042	15638	15885	15855	1.28	cps
Bromine	81-2	823	770	733	776	5.84	cps
Cadmium	108-1	237	253	253	248	3.88	cps
Cadmium	106-1	5414	5238	5211	5288	2.09	cps
Cadmium	111-1	6401	6006	6084	6164	3.40	cps
Calcium	43-1	2263765	2252608	2218892	2245088	1.04	cps
Calcium	44-1	36189594	36263403	36113568	36188855	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172201	173191	173070	172821	0.31	cps
Cobalt	59-2	153583	155428	155586	154866	0.72	cps
Copper	63-2	258645	261606	260014	260088	0.57	cps
Dysprosium	156-1	73581	73145	73028	73252	0.40	cps
Dysprosium	156-2	60232	59378	59362	59657	0.83	cps
Erbium	164-1	63286	63433	63065	63261	0.29	cps
Erbium	164-2	43364	42963	44069	43465	1.29	cps
Gadolinium	160-1	72784	72222	72000	72335	0.56	cps
Gadolinium	160-2	53197	52709	52715	52874	0.53	cps
Holmium	165-1	16855428	16928591	16904878	16896299	0.22	cps
Holmium	165-2	11643432	11546993	11455452	11548626	0.81	cps
Indium	115-1	12693288	12640600	12890076	12741321	1.03	cps
Indium	115-2	4472455	4522574	4434072	4476367	0.99	cps
Iron	56-2	182605364	183128971	181257571	182330635	0.53	cps
Iron	57-2	4530660	4581462	4548586	4553569	0.57	cps
Iron	54-2	9817162	9886092	9815503	9839586	0.41	cps
Krypton	83-1	267	293	300	287	6.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04	Instrumnet Name :	P7
Client Sample ID :	ME28X0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	565551	567950	569056	567519	0.32	cps
Lead	207-1	456387	467061	461510	461652	1.16	cps
Lead	208-1	2151509	2171359	2169992	2164287	0.51	cps
Lithium	6-1	1982883	2015860	2018518	2005754	0.99	cps
Magnesium	24-2	13789017	13885053	13769745	13814605	0.45	cps
Manganese	55-2	3796152	3817696	3779282	3797710	0.51	cps
Molybdenum	94-1	31263	31748	32175	31729	1.44	cps
Molybdenum	95-1	18722	18692	18395	18603	0.97	cps
Molybdenum	96-1	25389	25265	25042	25232	0.70	cps
Molybdenum	97-1	11578	11902	11661	11714	1.43	cps
Molybdenum	98-1	29894	30108	30001	30001	0.36	cps
Neodymium	150-1	113404	114315	115139	114286	0.76	cps
Neodymium	150-2	67641	67808	66047	67166	1.45	cps
Nickel	60-2	104333	104477	103393	104068	0.57	cps
Phosphorus	31-2	12592	12328	12428	12450	1.07	cps
Potassium	39-2	1302019	1298512	1331058	1310530	1.36	cps
Rhodium	103-1	11569349	11652126	11539206	11586893	0.50	cps
Rhodium	103-2	6998964	7010842	6853042	6954282	1.26	cps
Scandium	45-1	6579979	6605947	6571178	6585702	0.27	cps
Scandium	45-2	554839	562421	556864	558041	0.70	cps
Selenium	82-1	601	620	554	592	5.73	cps
Selenium	77-2	147	227	210	194	21.71	cps
Selenium	78-2	513	483	533	510	4.93	cps
Silicon	28-1	23608050	23801285	23956777	23788704	0.73	cps
Silver	107-1	4224	3984	3570	3926	8.42	cps
Silver	109-1	3804	3634	3304	3580	7.10	cps
Sodium	23-2	162420	165937	165539	164632	1.17	cps
Strontium	86-1	314712	319565	320512	318263	0.98	cps
Strontium	88-1	2778158	2839705	2784717	2800860	1.21	cps
Sulfur	34-1	201635	206157	207613	205135	1.52	cps
Terbium	159-1	17313971	17121281	17207543	17214265	0.56	cps
Terbium	159-2	11354489	11510094	11367934	11410839	0.76	cps
Thallium	203-1	5691	5835	5605	5710	2.04	cps
Thallium	205-1	13320	13660	13544	13508	1.28	cps
Tin	118-1	20141	20441	20204	20262	0.78	cps
Titanium	47-1	348519	349663	349599	349260	0.18	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04	Instrumnet Name :	P7
Client Sample ID :	ME28X0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 16:57:49	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	58605	58170	59110	58628	0.80	cps
Vanadium	51-2	183144	183859	181713	182905	0.60	cps
Yttrium	89-1	19962663	20374386	19879881	20072310	1.32	cps
Yttrium	89-2	5348067	5342475	5242153	5310898	1.12	cps
Zinc	66-2	153449	155352	155520	154774	0.74	cps
Zirconium	90-1	55425	56860	55849	56044	1.32	cps
Zirconium	91-1	12309	12132	12225	12222	0.72	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-05	Instrumnet Name :	P7
Client Sample ID :	ME28X0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:00:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4076262	4055863	4050102	4060742	0.34	cps
Antimony	121-1	7585	7535	8029	7717	3.52	cps
Arsenic	75-2	10420	10397	10737	10518	1.81	cps
Barium	135-1	568175	562962	567172	566103	0.49	cps
Barium	137-1	979232	984252	985411	982965	0.33	cps
Beryllium	9-1	1693	1657	1663	1671	1.17	cps
Bismuth	209-1	10384085	10262876	10236715	10294559	0.76	cps
Bismuth	209-2	8359514	8249502	8240386	8283134	0.80	cps
Bromine	81-1	15498	15638	15925	15687	1.39	cps
Bromine	81-2	793	673	817	761	10.10	cps
Cadmium	108-1	280	227	220	242	13.58	cps
Cadmium	106-1	5221	5364	5251	5279	1.43	cps
Cadmium	111-1	5949	6240	6002	6064	2.56	cps
Calcium	43-1	2243598	2235844	2258875	2246106	0.52	cps
Calcium	44-1	36115462	35970478	35785788	35957243	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172124	173084	171115	172108	0.57	cps
Cobalt	59-2	156093	155024	155563	155560	0.34	cps
Copper	63-2	262497	260863	260665	261342	0.38	cps
Dysprosium	156-1	73863	74342	72686	73630	1.16	cps
Dysprosium	156-2	58588	59616	59526	59243	0.96	cps
Erbium	164-1	62673	63266	62720	62886	0.52	cps
Erbium	164-2	43822	43360	43344	43509	0.62	cps
Gadolinium	160-1	72265	71819	72268	72117	0.36	cps
Gadolinium	160-2	52364	53462	53455	53093	1.19	cps
Holmium	165-1	17005397	16660948	16784819	16817054	1.04	cps
Holmium	165-2	11649171	11567676	11574539	11597129	0.39	cps
Indium	115-1	12879451	12842307	12887248	12869668	0.19	cps
Indium	115-2	4558187	4542023	4458642	4519617	1.18	cps
Iron	56-2	181587871	181322304	180588171	181166115	0.29	cps
Iron	57-2	4600369	4493215	4557924	4550502	1.19	cps
Iron	54-2	9845412	9833181	9749220	9809271	0.53	cps
Krypton	83-1	257	290	263	270	6.53	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-05	Instrumnet Name :	P7
Client Sample ID :	ME28X0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:00:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	565459	563556	566954	565323	0.30	cps
Lead	207-1	458899	458897	461570	459789	0.34	cps
Lead	208-1	2159414	2154736	2160390	2158180	0.14	cps
Lithium	6-1	2008061	2014307	2088555	2036974	2.20	cps
Magnesium	24-2	13797918	13731474	13729626	13753006	0.28	cps
Manganese	55-2	3816829	3766839	3722776	3768815	1.25	cps
Molybdenum	94-1	31347	31938	31100	31461	1.37	cps
Molybdenum	95-1	18572	18892	18585	18683	0.97	cps
Molybdenum	96-1	25225	24764	25893	25294	2.24	cps
Molybdenum	97-1	11918	11521	11621	11687	1.77	cps
Molybdenum	98-1	30866	30201	30017	30362	1.47	cps
Neodymium	150-1	114607	115044	115145	114932	0.25	cps
Neodymium	150-2	67316	67216	66292	66941	0.84	cps
Nickel	60-2	104303	104779	104152	104411	0.31	cps
Phosphorus	31-2	12629	12088	12168	12295	2.37	cps
Potassium	39-2	1298264	1404774	1308562	1337200	4.39	cps
Rhodium	103-1	11745746	11565453	11537820	11616340	0.97	cps
Rhodium	103-2	7020158	6968892	6892553	6960534	0.92	cps
Scandium	45-1	6712860	6596642	6635965	6648489	0.89	cps
Scandium	45-2	565611	563443	548867	559307	1.63	cps
Selenium	82-1	598	580	569	582	2.50	cps
Selenium	77-2	160	167	137	154	10.20	cps
Selenium	78-2	473	543	447	488	10.24	cps
Silicon	28-1	23781581	23947057	23895262	23874634	0.35	cps
Silver	107-1	3524	3364	3704	3530	4.82	cps
Silver	109-1	3164	3154	3220	3179	1.13	cps
Sodium	23-2	165509	164808	165727	165348	0.29	cps
Strontium	86-1	316216	316952	316162	316443	0.14	cps
Strontium	88-1	2830697	2802951	2824457	2819369	0.52	cps
Sulfur	34-1	212290	212212	212756	212419	0.14	cps
Terbium	159-1	17388459	17057102	17242562	17229374	0.96	cps
Terbium	159-2	11551573	11564885	11322907	11479788	1.18	cps
Thallium	203-1	4991	5071	5118	5060	1.27	cps
Thallium	205-1	12589	12613	12699	12634	0.46	cps
Tin	118-1	19930	20161	19690	19927	1.18	cps
Titanium	47-1	349044	349845	349143	349344	0.13	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-05	Instrumnet Name :	P7
Client Sample ID :	ME28X0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:00:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57986	57945	58264	58065	0.30	cps
Vanadium	51-2	182175	182560	181851	182195	0.19	cps
Yttrium	89-1	20523973	19898596	20051998	20158189	1.62	cps
Yttrium	89-2	5359413	5359071	5273159	5330547	0.93	cps
Zinc	66-2	153978	154227	152588	153597	0.58	cps
Zirconium	90-1	56692	57790	56277	56920	1.37	cps
Zirconium	91-1	12556	12532	12569	12552	0.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28X0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 17:04:06	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	785751	785803	790459	787338	0.34	cps
Antimony	121-1	1440	1660	1600	1567	7.26	cps
Arsenic	75-2	1967	2137	1940	2015	5.30	cps
Barium	135-1	111315	112141	111109	111521	0.49	cps
Barium	137-1	193971	192684	192343	192999	0.44	cps
Beryllium	9-1	423	360	423	402	9.09	cps
Bismuth	209-1	10483733	10199524	10175757	10286338	1.67	cps
Bismuth	209-2	8354228	8270585	8288441	8304418	0.53	cps
Bromine	81-1	13586	13643	13757	13662	0.63	cps
Bromine	81-2	283	263	300	282	6.51	cps
Cadmium	108-1	57	63	80	67	18.03	cps
Cadmium	106-1	4818	4798	4764	4793	0.56	cps
Cadmium	111-1	3983	3847	3859	3896	1.92	cps
Calcium	43-1	458214	458082	458289	458195	0.02	cps
Calcium	44-1	7103006	7121337	7073113	7099152	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35846	35318	35235	35466	0.93	cps
Cobalt	59-2	31336	31476	31503	31438	0.29	cps
Copper	63-2	54418	53813	53458	53897	0.90	cps
Dysprosium	156-1	14711	13930	14321	14321	2.73	cps
Dysprosium	156-2	11858	11575	11565	11666	1.43	cps
Erbium	164-1	12339	12179	12803	12440	2.60	cps
Erbium	164-2	8286	8239	8396	8307	0.97	cps
Gadolinium	160-1	14104	13997	14244	14115	0.88	cps
Gadolinium	160-2	10914	10591	10664	10723	1.58	cps
Holmium	165-1	16759789	16515992	16690381	16655387	0.75	cps
Holmium	165-2	11456024	11467233	11439096	11454118	0.12	cps
Indium	115-1	12944759	12584599	12773954	12767771	1.41	cps
Indium	115-2	4523675	4510870	4602780	4545775	1.10	cps
Iron	56-2	36752916	36240880	36300872	36431556	0.77	cps
Iron	57-2	934816	935320	929098	933078	0.37	cps
Iron	54-2	1994196	1989845	1947796	1977279	1.30	cps
Krypton	83-1	210	307	267	261	18.60	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28X0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 17:04:06	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	112127	112571	112772	112490	0.29	cps
Lead	207-1	91542	90804	90300	90882	0.69	cps
Lead	208-1	427391	426351	425916	426553	0.18	cps
Lithium	6-1	1937048	1916810	1905806	1919888	0.83	cps
Magnesium	24-2	2750831	2742464	2801009	2764768	1.15	cps
Manganese	55-2	752023	750032	757283	753113	0.50	cps
Molybdenum	94-1	6391	6368	6465	6408	0.79	cps
Molybdenum	95-1	3587	3851	3747	3728	3.56	cps
Molybdenum	96-1	5234	5351	5344	5310	1.23	cps
Molybdenum	97-1	2284	2297	2350	2310	1.53	cps
Molybdenum	98-1	5885	5885	6208	5992	3.12	cps
Neodymium	150-1	22121	22311	22348	22260	0.55	cps
Neodymium	150-2	13009	12906	12963	12959	0.40	cps
Nickel	60-2	20828	20955	21168	20984	0.82	cps
Phosphorus	31-2	2734	2707	2574	2671	3.21	cps
Potassium	39-2	310354	309623	311617	310531	0.32	cps
Rhodium	103-1	11849384	11913248	11725499	11829377	0.81	cps
Rhodium	103-2	7001543	6973611	7048581	7007912	0.54	cps
Scandium	45-1	6576238	6577050	6515235	6556174	0.54	cps
Scandium	45-2	555681	553080	558010	555590	0.44	cps
Selenium	82-1	465	339	391	399	15.92	cps
Selenium	77-2	43	47	37	42	12.06	cps
Selenium	78-2	393	470	420	428	9.10	cps
Silicon	28-1	5381742	5322428	5294324	5332831	0.84	cps
Silver	107-1	833	843	847	841	0.82	cps
Silver	109-1	677	707	710	698	2.63	cps
Sodium	23-2	57105	56001	55750	56286	1.28	cps
Strontium	86-1	61823	62415	62703	62313	0.72	cps
Strontium	88-1	547425	546003	550501	547976	0.42	cps
Sulfur	34-1	186048	186104	186652	186268	0.18	cps
Terbium	159-1	17080817	16568430	16778939	16809395	1.53	cps
Terbium	159-2	11263196	11230580	11406859	11300211	0.83	cps
Thallium	203-1	1303	1447	1273	1341	6.91	cps
Thallium	205-1	3277	3154	3150	3194	2.26	cps
Tin	118-1	5161	5024	5364	5183	3.30	cps
Titanium	47-1	68959	69230	69436	69209	0.35	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28X0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 17:04:06	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10778	11342	11298	11139	2.82	cps
Vanadium	51-2	36541	36414	36026	36327	0.74	cps
Yttrium	89-1	19435668	19244429	19133348	19271148	0.79	cps
Yttrium	89-2	5135782	5099966	5192855	5142868	0.91	cps
Zinc	66-2	31076	30959	30645	30893	0.72	cps
Zirconium	90-1	10961	11465	11635	11353	3.09	cps
Zirconium	91-1	2454	2400	2564	2472	3.37	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-06	Instrumnet Name :	P7
Client Sample ID :	ME28X0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:07:20	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4175973	4155056	4161933	4164321	0.26	cps
Antimony	121-1	7672	7639	7429	7580	1.74	cps
Arsenic	75-2	143072	145010	144148	144077	0.67	cps
Barium	135-1	1943419	1932682	1929438	1935180	0.38	cps
Barium	137-1	3324238	3269461	3317329	3303676	0.90	cps
Beryllium	9-1	17250	16929	16646	16942	1.78	cps
Bismuth	209-1	10421214	10526627	10453638	10467159	0.52	cps
Bismuth	209-2	8392876	8341221	8375102	8369733	0.31	cps
Bromine	81-1	15568	15658	15839	15688	0.88	cps
Bromine	81-2	667	653	757	692	8.12	cps
Cadmium	108-1	23005	22250	22691	22649	1.67	cps
Cadmium	106-1	36499	36202	36021	36241	0.67	cps
Cadmium	111-1	348355	352605	349315	350092	0.64	cps
Calcium	43-1	2244003	2217933	2224930	2228955	0.61	cps
Calcium	44-1	36380514	35794862	35839170	36004849	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	364757	364920	363629	364436	0.19	cps
Cobalt	59-2	908214	914134	913294	911881	0.35	cps
Copper	63-2	526467	526311	525812	526196	0.07	cps
Dysprosium	156-1	73347	72794	74513	73551	1.19	cps
Dysprosium	156-2	59147	59010	59090	59082	0.12	cps
Erbium	164-1	62499	63058	63115	62891	0.54	cps
Erbium	164-2	43788	44143	44103	44011	0.44	cps
Gadolinium	160-1	71900	71022	72623	71848	1.12	cps
Gadolinium	160-2	52776	53043	52167	52662	0.85	cps
Holmium	165-1	16829540	17079037	17062795	16990457	0.82	cps
Holmium	165-2	11648599	11722086	11796032	11722239	0.63	cps
Indium	115-1	12965919	12941034	12830972	12912642	0.56	cps
Indium	115-2	4552775	4559535	4557586	4556632	0.08	cps
Iron	56-2	182609744	184054171	183503204	183389039	0.40	cps
Iron	57-2	4605874	4572568	4618217	4598886	0.51	cps
Iron	54-2	9892283	9984748	9885316	9920783	0.56	cps
Krypton	83-1	273	310	257	280	9.75	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-06	Instrumnet Name :	P7
Client Sample ID :	ME28X0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:07:20	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2868812	2865240	2896740	2876931	0.60	cps
Lead	207-1	2348167	2346292	2356091	2350183	0.22	cps
Lead	208-1	10979084	10973345	11116665	11023031	0.74	cps
Lithium	6-1	2015753	2008179	2024507	2016146	0.41	cps
Magnesium	24-2	13869606	13896946	13862853	13876469	0.13	cps
Manganese	55-2	4201464	4239738	4248901	4230034	0.59	cps
Molybdenum	94-1	39095	38714	38604	38805	0.66	cps
Molybdenum	95-1	31410	31674	31170	31418	0.80	cps
Molybdenum	96-1	39242	39550	39824	39539	0.74	cps
Molybdenum	97-1	19637	19904	19733	19758	0.68	cps
Molybdenum	98-1	51286	51233	51390	51303	0.16	cps
Neodymium	150-1	114174	113969	115589	114577	0.77	cps
Neodymium	150-2	66389	67433	66395	66739	0.90	cps
Nickel	60-2	297733	297377	296962	297357	0.13	cps
Phosphorus	31-2	12292	12342	12852	12495	2.48	cps
Potassium	39-2	1316571	1340606	1311244	1322807	1.18	cps
Rhodium	103-1	11883053	11760501	11767151	11803568	0.58	cps
Rhodium	103-2	7054195	7075021	7038107	7055774	0.26	cps
Scandium	45-1	6800181	6790428	6668898	6753169	1.08	cps
Scandium	45-2	566782	570224	569079	568695	0.31	cps
Selenium	82-1	45712	45870	46145	45909	0.48	cps
Selenium	77-2	4924	4954	4611	4830	3.94	cps
Selenium	78-2	15788	15932	16049	15923	0.82	cps
Silicon	28-1	24081045	24061980	23879998	24007674	0.46	cps
Silver	107-1	164335	166684	167130	166050	0.90	cps
Silver	109-1	158179	158620	159671	158824	0.48	cps
Sodium	23-2	164415	163373	163949	163912	0.32	cps
Strontium	86-1	316780	314751	316332	315954	0.34	cps
Strontium	88-1	2793457	2800620	2791125	2795067	0.18	cps
Sulfur	34-1	221146	220731	220149	220675	0.23	cps
Terbium	159-1	17282538	17398336	17183377	17288084	0.62	cps
Terbium	159-2	11559703	11543067	11374299	11492356	0.89	cps
Thallium	203-1	2720834	2686311	2743255	2716800	1.06	cps
Thallium	205-1	6388760	6426479	6448985	6421408	0.47	cps
Tin	118-1	20138	19774	19844	19918	0.97	cps
Titanium	47-1	350165	352598	351916	351560	0.36	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-06	Instrumnet Name :	P7
Client Sample ID :	ME28X0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:07:20	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57520	58518	59070	58369	1.35	cps
Vanadium	51-2	593443	601335	596268	597015	0.67	cps
Yttrium	89-1	20234124	20452358	20258870	20315117	0.59	cps
Yttrium	89-2	5371965	5450068	5408743	5410259	0.72	cps
Zinc	66-2	250425	247641	248245	248770	0.59	cps
Zirconium	90-1	55210	55430	56241	55627	0.98	cps
Zirconium	91-1	12726	12722	12659	12702	0.30	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-01	Instrumnet Name :	P7
Client Sample ID :	ME28Y6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:10:20	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3616423	3589269	3621503	3609065	0.48	cps
Antimony	121-1	14945	14164	14424	14511	2.74	cps
Arsenic	75-2	9700	9643	10020	9788	2.08	cps
Barium	135-1	662174	662890	658211	661092	0.38	cps
Barium	137-1	1144341	1151790	1148538	1148223	0.33	cps
Beryllium	9-1	1447	1457	1397	1433	2.24	cps
Bismuth	209-1	10261107	10106682	10254801	10207530	0.86	cps
Bismuth	209-2	8368921	8191083	8376664	8312223	1.26	cps
Bromine	81-1	14491	14981	15031	14834	2.01	cps
Bromine	81-2	467	497	493	486	3.39	cps
Cadmium	108-1	627	547	557	577	7.56	cps
Cadmium	106-1	6165	6205	6168	6179	0.36	cps
Cadmium	111-1	8734	8761	8749	8748	0.16	cps
Calcium	43-1	4883817	4941334	4828151	4884434	1.16	cps
Calcium	44-1	78884682	78659407	78127086	78557058	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138933	140622	139750	139768	0.60	cps
Cobalt	59-2	146675	148193	146971	147280	0.55	cps
Copper	63-2	212658	213530	213429	213206	0.22	cps
Dysprosium	156-1	61567	61598	61347	61504	0.22	cps
Dysprosium	156-2	49580	49895	50621	50032	1.07	cps
Erbium	164-1	53191	53873	51779	52948	2.02	cps
Erbium	164-2	36494	36331	36150	36325	0.47	cps
Gadolinium	160-1	61317	60483	61427	61076	0.84	cps
Gadolinium	160-2	45891	45631	45229	45584	0.73	cps
Holmium	165-1	17145300	17099168	17006293	17083587	0.41	cps
Holmium	165-2	11766293	11771384	11783031	11773569	0.07	cps
Indium	115-1	13044391	13046885	12956051	13015776	0.40	cps
Indium	115-2	4631525	4609367	4535073	4591988	1.10	cps
Iron	56-2	174698837	174365444	174441377	174501886	0.10	cps
Iron	57-2	4455846	4368304	4424580	4416243	1.00	cps
Iron	54-2	9451213	9412040	9363982	9409078	0.46	cps
Krypton	83-1	290	220	340	283	21.28	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-01	Instrumnet Name :	P7
Client Sample ID :	ME28Y6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:10:20	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	210649	211697	213595	211980	0.70	cps
Lead	207-1	165977	166051	160567	164198	1.92	cps
Lead	208-1	783032	784209	780522	782588	0.24	cps
Lithium	6-1	2026767	2033989	2016718	2025825	0.43	cps
Magnesium	24-2	20411293	20325121	20418438	20384951	0.25	cps
Manganese	55-2	2495388	2500340	2545409	2513712	1.10	cps
Molybdenum	94-1	145141	145309	146825	145758	0.64	cps
Molybdenum	95-1	79551	79290	78861	79234	0.44	cps
Molybdenum	96-1	103610	105688	103429	104242	1.20	cps
Molybdenum	97-1	50373	50617	51162	50718	0.80	cps
Molybdenum	98-1	129384	128086	128944	128804	0.51	cps
Neodymium	150-1	93994	93748	94192	93978	0.24	cps
Neodymium	150-2	55428	54876	55218	55174	0.50	cps
Nickel	60-2	111736	112360	111809	111968	0.30	cps
Phosphorus	31-2	9343	9226	9160	9243	1.00	cps
Potassium	39-2	1282993	1299960	1292256	1291736	0.66	cps
Rhodium	103-1	11859560	11792871	11764923	11805785	0.41	cps
Rhodium	103-2	7072617	7087373	7022386	7060792	0.48	cps
Scandium	45-1	6948800	6890922	6962365	6934029	0.55	cps
Scandium	45-2	587593	585581	585607	586260	0.20	cps
Selenium	82-1	835	820	754	803	5.35	cps
Selenium	77-2	137	173	187	166	15.64	cps
Selenium	78-2	623	533	563	573	7.99	cps
Silicon	28-1	20158277	20340126	20429769	20309391	0.68	cps
Silver	107-1	3127	2940	2760	2943	6.23	cps
Silver	109-1	2907	2587	2410	2635	9.56	cps
Sodium	23-2	205951	207394	203581	205642	0.94	cps
Strontium	86-1	2681953	2668080	2646877	2665637	0.66	cps
Strontium	88-1	23377204	23306447	23354305	23345985	0.15	cps
Sulfur	34-1	479569	480296	481760	480542	0.23	cps
Terbium	159-1	17321782	17449052	17392478	17387771	0.37	cps
Terbium	159-2	11672177	11586235	11579926	11612779	0.44	cps
Thallium	203-1	5401	4871	4958	5077	5.60	cps
Thallium	205-1	11905	12152	11278	11779	3.83	cps
Tin	118-1	7675	7292	7802	7590	3.50	cps
Titanium	47-1	315101	318700	319230	317677	0.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-01	Instrumnet Name :	P7
Client Sample ID :	ME28Y6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:10:20	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	153241	153498	151738	152825	0.62	cps
Vanadium	51-2	190044	190017	190162	190074	0.04	cps
Yttrium	89-1	20615721	20406729	20365730	20462727	0.66	cps
Yttrium	89-2	5460599	5435739	5400983	5432440	0.55	cps
Zinc	66-2	127424	126826	124819	126356	1.08	cps
Zirconium	90-1	270247	274733	271154	272044	0.87	cps
Zirconium	91-1	60387	61431	60815	60878	0.86	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-02	Instrumnet Name :	P7
Client Sample ID :	ME28Y7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:13:29	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4357637	4354315	4348159	4353370	0.11	cps
Antimony	121-1	9607	9537	9530	9558	0.44	cps
Arsenic	75-2	10594	10677	10994	10755	1.96	cps
Barium	135-1	517192	519262	517918	518124	0.20	cps
Barium	137-1	891628	898574	889266	893156	0.54	cps
Beryllium	9-1	1873	1780	1610	1755	7.61	cps
Bismuth	209-1	10700947	10513286	10229597	10481277	2.26	cps
Bismuth	209-2	8537603	8470921	8490963	8499829	0.40	cps
Bromine	81-1	16286	17123	16766	16725	2.51	cps
Bromine	81-2	733	803	843	793	7.02	cps
Cadmium	108-1	297	273	263	278	6.16	cps
Cadmium	106-1	5611	5604	5411	5542	2.05	cps
Cadmium	111-1	6510	6609	6570	6563	0.76	cps
Calcium	43-1	2986808	2927346	2947594	2953916	1.02	cps
Calcium	44-1	47234986	47406184	47391273	47344148	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391613	389898	387852	389787	0.48	cps
Cobalt	59-2	156398	156987	155998	156461	0.32	cps
Copper	63-2	218241	215127	214836	216068	0.87	cps
Dysprosium	156-1	68081	69249	67665	68332	1.20	cps
Dysprosium	156-2	54860	56412	55258	55510	1.45	cps
Erbium	164-1	57354	57705	58000	57686	0.56	cps
Erbium	164-2	40977	39970	39934	40293	1.47	cps
Gadolinium	160-1	68128	67575	68764	68156	0.87	cps
Gadolinium	160-2	50320	49972	49437	49910	0.89	cps
Holmium	165-1	17892665	17503189	16973961	17456605	2.64	cps
Holmium	165-2	11962071	11980790	11945943	11962935	0.15	cps
Indium	115-1	13548924	13324285	12966253	13279821	2.21	cps
Indium	115-2	4634054	4690123	4618243	4647473	0.81	cps
Iron	56-2	230287923	229294783	228227290	229269999	0.45	cps
Iron	57-2	5737109	5749085	5746831	5744341	0.11	cps
Iron	54-2	12375334	12320917	12320111	12338787	0.26	cps
Krypton	83-1	263	317	360	313	15.45	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-02	Instrumnet Name :	P7
Client Sample ID :	ME28Y7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:13:29	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	820613	822552	819239	820801	0.20	cps
Lead	207-1	656682	663116	662955	660917	0.56	cps
Lead	208-1	3097409	3119367	3103384	3106720	0.37	cps
Lithium	6-1	2093258	2076512	1998847	2056206	2.45	cps
Magnesium	24-2	14269431	14371882	14256652	14299322	0.44	cps
Manganese	55-2	5281124	5236566	5238856	5252182	0.48	cps
Molybdenum	94-1	37759	38267	38688	38238	1.22	cps
Molybdenum	95-1	22651	22250	21950	22284	1.58	cps
Molybdenum	96-1	30625	30629	30762	30672	0.25	cps
Molybdenum	97-1	14020	13997	14534	14184	2.14	cps
Molybdenum	98-1	36188	35707	35684	35860	0.79	cps
Neodymium	150-1	103281	105091	105488	104620	1.12	cps
Neodymium	150-2	62022	61959	61148	61710	0.79	cps
Nickel	60-2	112736	111454	111044	111744	0.79	cps
Phosphorus	31-2	11494	11725	11808	11676	1.39	cps
Potassium	39-2	1374975	1367635	1374781	1372464	0.30	cps
Rhodium	103-1	12422456	12052537	11894703	12123232	2.23	cps
Rhodium	103-2	7194661	7202222	7112568	7169817	0.69	cps
Scandium	45-1	7207807	6936061	6975777	7039881	2.08	cps
Scandium	45-2	585348	589382	581272	585334	0.69	cps
Selenium	82-1	679	613	601	631	6.66	cps
Selenium	77-2	190	210	190	197	5.87	cps
Selenium	78-2	563	523	610	566	7.67	cps
Silicon	28-1	20475005	20687065	20706889	20622986	0.62	cps
Silver	107-1	4461	4727	4631	4606	2.93	cps
Silver	109-1	4481	4487	4434	4467	0.65	cps
Sodium	23-2	163595	162409	162615	162873	0.39	cps
Strontium	86-1	439738	441362	441651	440917	0.23	cps
Strontium	88-1	3913691	3922146	3891431	3909089	0.41	cps
Sulfur	34-1	240514	240107	238462	239695	0.45	cps
Terbium	159-1	18043082	17602498	17515185	17720255	1.60	cps
Terbium	159-2	11644444	11676796	11638097	11653112	0.18	cps
Thallium	203-1	5081	5188	5458	5242	3.70	cps
Thallium	205-1	12653	12819	12799	12757	0.71	cps
Tin	118-1	16803	16703	17290	16932	1.86	cps
Titanium	47-1	340866	339750	340798	340471	0.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-02	Instrumnet Name :	P7
Client Sample ID :	ME28Y7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:13:29	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67423	67021	67909	67451	0.66	cps
Vanadium	51-2	230673	230833	228454	229987	0.58	cps
Yttrium	89-1	21241424	20804628	20374353	20806802	2.08	cps
Yttrium	89-2	5478206	5534676	5528758	5513880	0.56	cps
Zinc	66-2	209877	207585	207490	208318	0.65	cps
Zirconium	90-1	68763	68311	68428	68501	0.34	cps
Zirconium	91-1	15021	15011	15395	15142	1.44	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-03	Instrumnet Name :	P7
Client Sample ID :	ME28Y8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:16:35	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4281050	4280028	4251417	4270832	0.39	cps
Antimony	121-1	14110	14354	14761	14408	2.28	cps
Arsenic	75-2	13656	13666	13490	13604	0.73	cps
Barium	135-1	611246	613399	610329	611658	0.26	cps
Barium	137-1	1055222	1061858	1054479	1057187	0.38	cps
Beryllium	9-1	1953	2220	2184	2119	6.82	cps
Bismuth	209-1	10511642	10328995	10358319	10399652	0.94	cps
Bismuth	209-2	8544575	8428423	8355061	8442686	1.13	cps
Bromine	81-1	18285	18298	18702	18428	1.29	cps
Bromine	81-2	1230	1140	1140	1170	4.44	cps
Cadmium	108-1	380	497	463	447	13.45	cps
Cadmium	106-1	5808	6058	6015	5960	2.24	cps
Cadmium	111-1	9044	9121	8867	9010	1.44	cps
Calcium	43-1	2881608	2913662	2883215	2892828	0.62	cps
Calcium	44-1	46650301	46597478	46726714	46658164	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	348963	354194	350097	351085	0.78	cps
Cobalt	59-2	166761	166391	168578	167243	0.70	cps
Copper	63-2	299442	296716	295473	297210	0.68	cps
Dysprosium	156-1	74228	75203	75756	75062	1.03	cps
Dysprosium	156-2	61079	60981	60915	60992	0.14	cps
Erbium	164-1	65231	65627	64906	65255	0.55	cps
Erbium	164-2	45223	45246	45534	45334	0.38	cps
Gadolinium	160-1	74637	74222	74051	74303	0.41	cps
Gadolinium	160-2	53953	54633	54174	54253	0.64	cps
Holmium	165-1	17228815	17196999	16856820	17094211	1.21	cps
Holmium	165-2	11859569	11905282	11683731	11816194	0.99	cps
Indium	115-1	13228524	12977892	12916124	13040847	1.27	cps
Indium	115-2	4692269	4653029	4602329	4649209	0.97	cps
Iron	56-2	274732236	277580103	275137556	275816631	0.56	cps
Iron	57-2	6918532	6873665	6864526	6885574	0.42	cps
Iron	54-2	14956752	14910276	14779627	14882218	0.62	cps
Krypton	83-1	340	253	263	286	16.60	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-03	Instrumnet Name :	P7
Client Sample ID :	ME28Y8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:16:35	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1608549	1606500	1608206	1607752	0.07	cps
Lead	207-1	1295240	1299725	1301725	1298897	0.26	cps
Lead	208-1	6193911	6190352	6232055	6205439	0.37	cps
Lithium	6-1	2025675	2047488	2033399	2035521	0.54	cps
Magnesium	24-2	16003348	16045250	15945544	15998047	0.31	cps
Manganese	55-2	6949529	7000773	7047359	6999220	0.70	cps
Molybdenum	94-1	40396	41355	40790	40847	1.18	cps
Molybdenum	95-1	30375	30355	30782	30504	0.79	cps
Molybdenum	96-1	39406	40620	39557	39861	1.66	cps
Molybdenum	97-1	19156	18956	19410	19174	1.19	cps
Molybdenum	98-1	50066	49045	49534	49548	1.03	cps
Neodymium	150-1	115788	114278	114692	114919	0.68	cps
Neodymium	150-2	67303	68190	67058	67517	0.88	cps
Nickel	60-2	141110	142166	140915	141397	0.48	cps
Phosphorus	31-2	13609	13693	13503	13602	0.70	cps
Potassium	39-2	1220721	1275236	1225715	1240558	2.43	cps
Rhodium	103-1	12146719	12073486	12062854	12094353	0.38	cps
Rhodium	103-2	7203486	7166413	7124024	7164641	0.55	cps
Scandium	45-1	7062986	6942872	6870321	6958726	1.40	cps
Scandium	45-2	583019	581237	582602	582286	0.16	cps
Selenium	82-1	695	769	705	723	5.58	cps
Selenium	77-2	163	180	240	194	20.74	cps
Selenium	78-2	570	540	560	557	2.74	cps
Silicon	28-1	27172214	26886939	29453322	27837492	5.05	cps
Silver	107-1	7722	7869	8286	7959	3.67	cps
Silver	109-1	7849	7672	7595	7705	1.69	cps
Sodium	23-2	177169	176374	176653	176732	0.23	cps
Strontium	86-1	379416	383094	386069	382860	0.87	cps
Strontium	88-1	3385748	3340322	3351460	3359177	0.70	cps
Sulfur	34-1	247415	248356	246314	247362	0.41	cps
Terbium	159-1	17572512	17568005	17421301	17520606	0.49	cps
Terbium	159-2	11755434	11680214	11755491	11730380	0.37	cps
Thallium	203-1	7015	7535	7299	7283	3.58	cps
Thallium	205-1	17164	17104	17455	17241	1.09	cps
Tin	118-1	41446	41918	42673	42012	1.47	cps
Titanium	47-1	337981	339335	337851	338389	0.24	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-03	Instrumnet Name :	P7
Client Sample ID :	ME28Y8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:16:35	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66016	66304	66706	66342	0.52	cps
Vanadium	51-2	234925	233892	234024	234280	0.24	cps
Yttrium	89-1	20897616	20856599	20702578	20818931	0.49	cps
Yttrium	89-2	5640182	5493122	5496823	5543376	1.51	cps
Zinc	66-2	327026	326108	324526	325887	0.39	cps
Zirconium	90-1	61401	62663	62643	62236	1.16	cps
Zirconium	91-1	13917	13913	13700	13843	0.90	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:19:43	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3118931	3081304	3086615	3095617	0.66	cps
Antimony	121-1	12365	12365	12546	12425	0.84	cps
Arsenic	75-2	9693	9760	9817	9757	0.63	cps
Barium	135-1	598452	600007	599515	599325	0.13	cps
Barium	137-1	1032328	1041285	1033883	1035832	0.46	cps
Beryllium	9-1	1623	1520	1397	1513	7.50	cps
Bismuth	209-1	10334677	10225268	10332429	10297458	0.61	cps
Bismuth	209-2	8467237	8397808	8523992	8463012	0.75	cps
Bromine	81-1	17003	17731	17671	17468	2.31	cps
Bromine	81-2	930	883	1020	944	7.36	cps
Cadmium	108-1	353	363	320	346	6.57	cps
Cadmium	106-1	5805	5668	5448	5640	3.19	cps
Cadmium	111-1	7566	7787	7323	7559	3.07	cps
Calcium	43-1	2377070	2370181	2329049	2358767	1.10	cps
Calcium	44-1	37498100	38024763	37385401	37636088	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215995	211428	216044	214489	1.24	cps
Cobalt	59-2	141052	140241	140759	140684	0.29	cps
Copper	63-2	244004	243713	242043	243253	0.44	cps
Dysprosium	156-1	59498	59894	59877	59756	0.37	cps
Dysprosium	156-2	47674	48132	48162	47989	0.57	cps
Erbium	164-1	51264	52053	51725	51681	0.77	cps
Erbium	164-2	36361	35893	35829	36028	0.81	cps
Gadolinium	160-1	58642	58856	58629	58709	0.22	cps
Gadolinium	160-2	42574	42895	43344	42938	0.90	cps
Holmium	165-1	17107041	17259793	16864979	17077271	1.17	cps
Holmium	165-2	11891004	11698048	11710439	11766497	0.92	cps
Indium	115-1	13059533	13157263	12933233	13050010	0.86	cps
Indium	115-2	4707600	4649842	4641352	4666264	0.77	cps
Iron	56-2	185590124	185766051	186147104	185834426	0.15	cps
Iron	57-2	4635054	4610228	4610642	4618642	0.31	cps
Iron	54-2	10068465	9952573	10125651	10048896	0.88	cps
Krypton	83-1	313	283	303	300	5.09	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:19:43	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	895217	905917	894996	898710	0.69	cps
Lead	207-1	723491	720402	728793	724229	0.59	cps
Lead	208-1	3389819	3425690	3441608	3419039	0.78	cps
Lithium	6-1	2031171	2012046	2035756	2026325	0.62	cps
Magnesium	24-2	14155385	14082135	14104609	14114043	0.27	cps
Manganese	55-2	6144632	6087646	6182257	6138178	0.78	cps
Molybdenum	94-1	39710	39975	39577	39754	0.51	cps
Molybdenum	95-1	25072	25259	25225	25185	0.40	cps
Molybdenum	96-1	33318	33184	32844	33115	0.74	cps
Molybdenum	97-1	15865	15879	16119	15954	0.89	cps
Molybdenum	98-1	39888	40847	39874	40203	1.39	cps
Neodymium	150-1	93296	94010	93410	93572	0.41	cps
Neodymium	150-2	54615	54428	53953	54332	0.63	cps
Nickel	60-2	107186	105555	106474	106405	0.77	cps
Phosphorus	31-2	11888	12315	12278	12160	1.95	cps
Potassium	39-2	1154738	1148248	1156364	1153117	0.37	cps
Rhodium	103-1	12147228	11963637	11921546	12010804	1.00	cps
Rhodium	103-2	7211363	7212398	7195503	7206421	0.13	cps
Scandium	45-1	6853056	6846287	6762722	6820688	0.74	cps
Scandium	45-2	583501	580140	582842	582161	0.31	cps
Selenium	82-1	585	596	599	593	1.20	cps
Selenium	77-2	137	147	173	152	12.45	cps
Selenium	78-2	430	540	513	494	11.61	cps
Silicon	28-1	21324093	21087383	21466145	21292540	0.90	cps
Silver	107-1	5058	5088	4881	5009	2.23	cps
Silver	109-1	4671	4734	4607	4671	1.36	cps
Sodium	23-2	144870	142717	143979	143856	0.75	cps
Strontium	86-1	308853	310024	309309	309396	0.19	cps
Strontium	88-1	2745497	2698645	2738418	2727520	0.93	cps
Sulfur	34-1	236780	233728	234766	235091	0.66	cps
Terbium	159-1	17658247	17618909	17246392	17507850	1.30	cps
Terbium	159-2	11689321	11679839	11609819	11659659	0.37	cps
Thallium	203-1	5568	5601	5795	5655	2.17	cps
Thallium	205-1	13560	14017	13594	13724	1.86	cps
Tin	118-1	19400	19390	19597	19462	0.60	cps
Titanium	47-1	330767	327619	325469	327952	0.81	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04	Instrumnet Name :	P7
Client Sample ID :	ME28Y9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:19:43	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48749	48046	47919	48238	0.93	cps
Vanadium	51-2	161406	159617	160971	160665	0.58	cps
Yttrium	89-1	20677604	20245062	20598750	20507139	1.12	cps
Yttrium	89-2	5518064	5448764	5425681	5464170	0.88	cps
Zinc	66-2	198943	197691	200586	199073	0.73	cps
Zirconium	90-1	67849	67862	68991	68234	0.96	cps
Zirconium	91-1	14724	15091	14691	14835	1.50	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-05	Instrumnet Name :	P7
Client Sample ID :	ME28Z0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:22:50	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3801192	3776816	3796167	3791392	0.34	cps
Antimony	121-1	15605	16099	15852	15852	1.56	cps
Arsenic	75-2	10627	10340	11041	10669	3.30	cps
Barium	135-1	584287	587076	584667	585343	0.26	cps
Barium	137-1	1010902	1014565	1016247	1013905	0.27	cps
Beryllium	9-1	1810	1713	1660	1728	4.40	cps
Bismuth	209-1	10433201	10433846	10171490	10346179	1.46	cps
Bismuth	209-2	8404989	8369650	8354519	8376386	0.31	cps
Bromine	81-1	18181	18432	18465	18359	0.84	cps
Bromine	81-2	1100	1067	1073	1080	1.63	cps
Cadmium	108-1	370	380	423	391	7.25	cps
Cadmium	106-1	5945	5681	5741	5789	2.38	cps
Cadmium	111-1	8230	8215	8180	8208	0.31	cps
Calcium	43-1	3072070	3035599	3091603	3066424	0.93	cps
Calcium	44-1	49530073	49441509	49112893	49361491	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239178	239450	237748	238792	0.38	cps
Cobalt	59-2	150674	150323	150990	150662	0.22	cps
Copper	63-2	280745	281370	280762	280959	0.13	cps
Dysprosium	156-1	71997	70992	71708	71565	0.72	cps
Dysprosium	156-2	58381	58180	58377	58313	0.20	cps
Erbium	164-1	61829	62228	62773	62277	0.76	cps
Erbium	164-2	43280	41929	42882	42697	1.63	cps
Gadolinium	160-1	70690	70781	70422	70631	0.26	cps
Gadolinium	160-2	51441	51748	51658	51616	0.31	cps
Holmium	165-1	17095260	17213583	17067466	17125436	0.45	cps
Holmium	165-2	11943408	11847654	11776835	11855966	0.71	cps
Indium	115-1	13125108	13239141	13111528	13158592	0.53	cps
Indium	115-2	4658626	4702030	4599343	4653333	1.11	cps
Iron	56-2	231077637	231776337	230061590	230971854	0.37	cps
Iron	57-2	5726497	5763759	5791667	5760641	0.57	cps
Iron	54-2	12431941	12485978	12509954	12475958	0.32	cps
Krypton	83-1	290	300	267	286	5.99	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-05	Instrumnet Name :	P7
Client Sample ID :	ME28Z0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:22:50	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1114778	1104880	1112750	1110803	0.47	cps
Lead	207-1	894975	892447	899831	895751	0.42	cps
Lead	208-1	4267931	4253990	4252394	4258105	0.20	cps
Lithium	6-1	2046320	2063409	2046160	2051963	0.48	cps
Magnesium	24-2	17876543	17972462	17904300	17917768	0.28	cps
Manganese	55-2	6264857	6234321	6266219	6255133	0.29	cps
Molybdenum	94-1	31855	32980	32289	32375	1.75	cps
Molybdenum	95-1	25108	25476	25552	25379	0.94	cps
Molybdenum	96-1	32657	33542	32366	32855	1.86	cps
Molybdenum	97-1	16236	16122	16239	16199	0.41	cps
Molybdenum	98-1	40914	41485	40683	41028	1.01	cps
Neodymium	150-1	111752	111896	109847	111165	1.03	cps
Neodymium	150-2	65250	64570	64778	64866	0.54	cps
Nickel	60-2	118843	117570	118369	118261	0.54	cps
Phosphorus	31-2	14904	15104	15168	15059	0.91	cps
Potassium	39-2	1326038	1331843	1348334	1335405	0.87	cps
Rhodium	103-1	12187985	12136455	12070960	12131800	0.48	cps
Rhodium	103-2	7222066	7287070	7232049	7247062	0.48	cps
Scandium	45-1	6971446	6966752	6983302	6973833	0.12	cps
Scandium	45-2	588999	592146	585100	588748	0.60	cps
Selenium	82-1	815	654	691	720	11.68	cps
Selenium	77-2	163	163	193	173	9.99	cps
Selenium	78-2	470	487	567	508	10.18	cps
Silicon	28-1	23190053	22886858	23344535	23140482	1.01	cps
Silver	107-1	6165	6405	6065	6211	2.81	cps
Silver	109-1	5781	6118	6168	6022	3.49	cps
Sodium	23-2	166010	166861	168803	167225	0.86	cps
Strontium	86-1	407064	408368	407903	407778	0.16	cps
Strontium	88-1	3580037	3572471	3612681	3588396	0.60	cps
Sulfur	34-1	250338	248753	247702	248931	0.53	cps
Terbium	159-1	17767529	17433637	17662641	17621269	0.97	cps
Terbium	159-2	11721955	11838974	11749595	11770175	0.52	cps
Thallium	203-1	6362	6398	6488	6416	1.02	cps
Thallium	205-1	15202	15249	15712	15388	1.83	cps
Tin	118-1	23626	24231	23877	23911	1.27	cps
Titanium	47-1	370348	367938	370253	369513	0.37	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-05	Instrumnet Name :	P7
Client Sample ID :	ME28Z0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:22:50	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56523	58009	58237	57589	1.62	cps
Vanadium	51-2	197572	196938	198694	197735	0.45	cps
Yttrium	89-1	21082251	21103917	20833206	21006458	0.72	cps
Yttrium	89-2	5605459	5617262	5505805	5576175	1.10	cps
Zinc	66-2	265188	264602	265965	265252	0.26	cps
Zirconium	90-1	49185	49095	48062	48781	1.28	cps
Zirconium	91-1	10647	10561	10891	10700	1.60	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-06	Instrumnet Name :	P7
Client Sample ID :	ME28Z1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:26:00	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4570786	4519161	4543755	4544567	0.57	cps
Antimony	121-1	11491	11748	11355	11531	1.73	cps
Arsenic	75-2	14637	14564	14374	14525	0.94	cps
Barium	135-1	527528	524032	525704	525755	0.33	cps
Barium	137-1	903314	919867	907556	910246	0.94	cps
Beryllium	9-1	1840	1943	2114	1966	7.02	cps
Bismuth	209-1	10431869	10311930	10300338	10348045	0.70	cps
Bismuth	209-2	8398058	8442908	8318848	8386605	0.75	cps
Bromine	81-1	18659	18615	18271	18515	1.15	cps
Bromine	81-2	1137	1063	1157	1119	4.39	cps
Cadmium	108-1	213	193	217	208	6.07	cps
Cadmium	106-1	5678	5624	5304	5536	3.65	cps
Cadmium	111-1	6005	5962	5765	5911	2.17	cps
Calcium	43-1	4042553	4037865	4020251	4033556	0.29	cps
Calcium	44-1	64931309	65478761	65184887	65198319	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	202469	202027	202047	202181	0.12	cps
Cobalt	59-2	175202	174700	175439	175114	0.22	cps
Copper	63-2	287702	285656	288632	287330	0.53	cps
Dysprosium	156-1	77539	77378	76426	77114	0.78	cps
Dysprosium	156-2	61855	62997	62712	62522	0.95	cps
Erbium	164-1	66594	66775	66159	66509	0.48	cps
Erbium	164-2	46852	46624	46126	46534	0.80	cps
Gadolinium	160-1	77013	77553	77134	77233	0.37	cps
Gadolinium	160-2	56423	56436	56470	56443	0.04	cps
Holmium	165-1	17370205	16935664	17024879	17110249	1.34	cps
Holmium	165-2	11986509	12046348	11917730	11983529	0.54	cps
Indium	115-1	13427517	13134249	13190958	13250908	1.17	cps
Indium	115-2	4628178	4744554	4730667	4701133	1.35	cps
Iron	56-2	216884610	214559257	216959003	216134290	0.63	cps
Iron	57-2	5403640	5448415	5411522	5421192	0.44	cps
Iron	54-2	11667504	11690125	11723700	11693776	0.24	cps
Krypton	83-1	277	317	327	307	8.63	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-06	Instrumnet Name :	P7
Client Sample ID :	ME28Z1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:26:00	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	668407	667901	671363	669224	0.28	cps
Lead	207-1	561624	560452	558338	560138	0.30	cps
Lead	208-1	2583528	2608453	2592600	2594860	0.49	cps
Lithium	6-1	2021517	2050810	2007782	2026703	1.08	cps
Magnesium	24-2	23340133	23240320	23369409	23316620	0.29	cps
Manganese	55-2	4611202	4569073	4661146	4613807	1.00	cps
Molybdenum	94-1	34751	36044	35169	35321	1.87	cps
Molybdenum	95-1	27656	27696	27593	27648	0.19	cps
Molybdenum	96-1	34133	35546	35216	34965	2.11	cps
Molybdenum	97-1	16756	16750	17524	17010	2.62	cps
Molybdenum	98-1	43588	43953	43809	43783	0.42	cps
Neodymium	150-1	118899	117518	117277	117898	0.74	cps
Neodymium	150-2	69125	68602	68009	68579	0.81	cps
Nickel	60-2	121611	121900	120999	121504	0.38	cps
Phosphorus	31-2	14063	13903	13920	13962	0.63	cps
Potassium	39-2	1408307	1381004	1390544	1393285	0.99	cps
Rhodium	103-1	12360049	12081522	12166106	12202559	1.17	cps
Rhodium	103-2	7276754	7267683	7227996	7257478	0.36	cps
Scandium	45-1	7142109	7026662	7054115	7074295	0.85	cps
Scandium	45-2	598533	598795	594249	597192	0.43	cps
Selenium	82-1	783	746	660	730	8.65	cps
Selenium	77-2	173	247	160	193	24.14	cps
Selenium	78-2	583	527	587	566	5.96	cps
Silicon	28-1	24632922	24651373	24698782	24661026	0.14	cps
Silver	107-1	3831	3734	3650	3738	2.41	cps
Silver	109-1	3640	3507	3530	3559	2.00	cps
Sodium	23-2	193351	193661	193087	193367	0.15	cps
Strontium	86-1	490300	489177	490596	490025	0.15	cps
Strontium	88-1	4352190	4382251	4320502	4351647	0.71	cps
Sulfur	34-1	275664	277883	276300	276616	0.41	cps
Terbium	159-1	17918140	17769144	17374001	17687095	1.59	cps
Terbium	159-2	11658714	11747849	11729128	11711897	0.40	cps
Thallium	203-1	7099	6979	7165	7081	1.34	cps
Thallium	205-1	17328	16810	17037	17059	1.52	cps
Tin	118-1	22801	22451	22428	22560	0.93	cps
Titanium	47-1	330348	331129	334385	331954	0.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-06	Instrumnet Name :	P7
Client Sample ID :	ME28Z1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:26:00	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76974	79016	77367	77786	1.39	cps
Vanadium	51-2	197565	196143	196117	196608	0.42	cps
Yttrium	89-1	21561791	21172923	21015006	21249907	1.32	cps
Yttrium	89-2	5605035	5607383	5569464	5593961	0.38	cps
Zinc	66-2	153722	152880	152244	152948	0.48	cps
Zirconium	90-1	52323	52289	52266	52293	0.05	cps
Zirconium	91-1	11548	11938	11578	11688	1.86	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-07	Instrumnet Name :	P7
Client Sample ID :	ME28Z2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:29:08	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5201082	5156837	5183624	5180514	0.43	cps
Antimony	121-1	44746	45411	46331	45496	1.75	cps
Arsenic	75-2	15215	15008	15428	15217	1.38	cps
Barium	135-1	656717	665407	663145	661756	0.68	cps
Barium	137-1	1136051	1154923	1151835	1147603	0.88	cps
Beryllium	9-1	2400	2447	2490	2446	1.84	cps
Bismuth	209-1	10538947	10370037	10454388	10454457	0.81	cps
Bismuth	209-2	8503263	8575689	8604617	8561189	0.61	cps
Bromine	81-1	20197	20301	21072	20523	2.33	cps
Bromine	81-2	1350	1583	1563	1499	8.63	cps
Cadmium	108-1	407	460	377	414	10.18	cps
Cadmium	106-1	5908	6025	5871	5935	1.35	cps
Cadmium	111-1	8618	8659	8520	8599	0.83	cps
Calcium	43-1	1287621	1347501	1337057	1324059	2.42	cps
Calcium	44-1	21100820	21418851	21359459	21293043	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	625294	630967	626778	627680	0.47	cps
Cobalt	59-2	212468	212472	212827	212589	0.10	cps
Copper	63-2	396960	398366	396301	397209	0.27	cps
Dysprosium	156-1	77663	79205	79057	78642	1.08	cps
Dysprosium	156-2	62984	64497	64447	63976	1.34	cps
Erbium	164-1	69575	69334	70014	69641	0.49	cps
Erbium	164-2	48394	48748	47948	48363	0.83	cps
Gadolinium	160-1	76829	77978	76725	77177	0.90	cps
Gadolinium	160-2	57337	55901	56701	56646	1.27	cps
Holmium	165-1	17738141	17327238	17194864	17420081	1.63	cps
Holmium	165-2	11930998	11942416	12030373	11967929	0.45	cps
Indium	115-1	13659795	13443871	13477535	13527067	0.86	cps
Indium	115-2	4795553	4884120	4846065	4841913	0.92	cps
Iron	56-2	498684593	495251993	494014059	495983548	0.49	cps
Iron	57-2	12231287	12240442	12318201	12263310	0.39	cps
Iron	54-2	26788177	26452470	26852375	26697674	0.80	cps
Krypton	83-1	260	317	320	299	11.28	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-07	Instrumnet Name :	P7
Client Sample ID :	ME28Z2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:29:08	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2122334	2115751	2086406	2108163	0.91	cps
Lead	207-1	1673761	1694523	1678385	1682223	0.65	cps
Lead	208-1	8020686	8082868	8019170	8040908	0.45	cps
Lithium	6-1	2042142	1999372	1984554	2008689	1.49	cps
Magnesium	24-2	10065451	9983118	10045307	10031292	0.43	cps
Manganese	55-2	10483299	10540502	10585432	10536411	0.49	cps
Molybdenum	94-1	53032	54263	54936	54077	1.79	cps
Molybdenum	95-1	56853	56763	57315	56977	0.52	cps
Molybdenum	96-1	69728	69990	70917	70212	0.89	cps
Molybdenum	97-1	35276	36031	35540	35616	1.08	cps
Molybdenum	98-1	91722	91947	90897	91522	0.60	cps
Neodymium	150-1	121078	122234	120769	121360	0.64	cps
Neodymium	150-2	72106	71966	71537	71870	0.41	cps
Nickel	60-2	161145	161768	160023	160979	0.55	cps
Phosphorus	31-2	14904	14921	14814	14880	0.39	cps
Potassium	39-2	1304496	1318553	1335640	1319563	1.18	cps
Rhodium	103-1	12573712	12491479	12588730	12551307	0.42	cps
Rhodium	103-2	7536998	7609196	7640795	7595663	0.70	cps
Scandium	45-1	7248993	7242533	7214757	7235428	0.25	cps
Scandium	45-2	620030	621068	625571	622223	0.47	cps
Selenium	82-1	830	813	757	800	4.81	cps
Selenium	77-2	257	173	237	222	19.58	cps
Selenium	78-2	677	623	643	648	4.16	cps
Silicon	28-1	27849150	28165049	27865584	27959928	0.64	cps
Silver	107-1	10704	10874	11218	10932	2.39	cps
Silver	109-1	9823	10440	10537	10267	3.77	cps
Sodium	23-2	140440	139791	141937	140723	0.78	cps
Strontium	86-1	201965	202449	203514	202643	0.39	cps
Strontium	88-1	1773777	1762374	1791593	1775915	0.83	cps
Sulfur	34-1	239948	239927	238371	239415	0.38	cps
Terbium	159-1	17859311	17858748	17712212	17810091	0.48	cps
Terbium	159-2	11858426	11889070	11895924	11881140	0.17	cps
Thallium	203-1	7779	8159	8122	8020	2.61	cps
Thallium	205-1	18927	19297	18783	19002	1.40	cps
Tin	118-1	39631	38548	38762	38980	1.47	cps
Titanium	47-1	384385	388940	391197	388174	0.89	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-07	Instrumnet Name :	P7
Client Sample ID :	ME28Z2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:29:08	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77564	77145	77065	77258	0.35	cps
Vanadium	51-2	312469	309208	312254	311310	0.59	cps
Yttrium	89-1	21524656	21451084	21479630	21485123	0.17	cps
Yttrium	89-2	5828911	5781308	5828487	5812902	0.47	cps
Zinc	66-2	406548	408668	408517	407911	0.29	cps
Zirconium	90-1	57475	58365	57693	57844	0.80	cps
Zirconium	91-1	12906	13046	13787	13246	3.57	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-08	Instrumnet Name :	P7
Client Sample ID :	ME28Z3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:32:15	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3521424	3503135	3449181	3491247	1.08	cps
Antimony	121-1	10357	10400	10244	10334	0.78	cps
Arsenic	75-2	10834	10831	10724	10796	0.58	cps
Barium	135-1	502072	514009	511194	509092	1.23	cps
Barium	137-1	867746	893210	890085	883681	1.57	cps
Beryllium	9-1	1623	1417	1420	1487	7.96	cps
Bismuth	209-1	11038289	10608813	10535326	10727476	2.53	cps
Bismuth	209-2	8620268	8464490	8472877	8519212	1.03	cps
Bromine	81-1	17667	17744	17831	17747	0.46	cps
Bromine	81-2	877	823	837	846	3.28	cps
Cadmium	108-1	240	207	260	236	11.44	cps
Cadmium	106-1	6171	5825	5118	5705	9.41	cps
Cadmium	111-1	6809	6526	5897	6411	7.28	cps
Calcium	43-1	2447609	2472248	2437384	2452413	0.73	cps
Calcium	44-1	39201501	39402268	39749165	39450978	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	289552	288782	289704	289346	0.17	cps
Cobalt	59-2	144841	142993	145298	144378	0.85	cps
Copper	63-2	244035	243168	238856	242020	1.15	cps
Dysprosium	156-1	60804	61738	61939	61494	0.98	cps
Dysprosium	156-2	49580	50216	50574	50123	1.00	cps
Erbium	164-1	52438	54466	52799	53234	2.03	cps
Erbium	164-2	37420	37978	36581	37327	1.88	cps
Gadolinium	160-1	59703	61025	62107	60945	1.98	cps
Gadolinium	160-2	45320	44865	45681	45288	0.90	cps
Holmium	165-1	18559965	17426289	17170082	17718779	4.17	cps
Holmium	165-2	12088630	12012835	12040210	12047225	0.32	cps
Indium	115-1	14324697	13365871	13355958	13682175	4.07	cps
Indium	115-2	4744572	4736974	4802104	4761217	0.75	cps
Iron	56-2	262315563	261462836	258769736	260849378	0.71	cps
Iron	57-2	6460122	6462330	6434039	6452164	0.24	cps
Iron	54-2	14037461	13974722	14029428	14013870	0.24	cps
Krypton	83-1	323	347	273	314	11.91	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-08	Instrumnet Name :	P7
Client Sample ID :	ME28Z3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:32:15	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1178826	1217642	1206130	1200866	1.66	cps
Lead	207-1	967820	1001468	995714	988334	1.82	cps
Lead	208-1	4599553	4733520	4687550	4673541	1.46	cps
Lithium	6-1	2114290	2005554	1990629	2036824	3.31	cps
Magnesium	24-2	14252943	14105103	14034208	14130751	0.79	cps
Manganese	55-2	6103757	6123552	6131755	6119688	0.24	cps
Molybdenum	94-1	27603	28591	28655	28283	2.09	cps
Molybdenum	95-1	24200	25122	25105	24809	2.13	cps
Molybdenum	96-1	31587	32860	32155	32201	1.98	cps
Molybdenum	97-1	15562	15075	15442	15359	1.65	cps
Molybdenum	98-1	39029	40489	40466	39995	2.09	cps
Neodymium	150-1	92699	94906	95762	94456	1.67	cps
Neodymium	150-2	55181	56349	56406	55978	1.24	cps
Nickel	60-2	115729	115285	115278	115431	0.22	cps
Phosphorus	31-2	13383	12852	12989	13075	2.11	cps
Potassium	39-2	1189816	1221672	1213343	1208277	1.37	cps
Rhodium	103-1	13255721	12479214	12207863	12647599	4.30	cps
Rhodium	103-2	7493083	7387884	7270543	7383836	1.51	cps
Scandium	45-1	7693476	7026157	7008051	7242561	5.39	cps
Scandium	45-2	596791	593660	589320	593257	0.63	cps
Selenium	82-1	620	609	648	626	3.19	cps
Selenium	77-2	133	130	147	137	6.45	cps
Selenium	78-2	530	473	523	509	6.09	cps
Silicon	28-1	20872632	21341106	21154176	21122638	1.12	cps
Silver	107-1	5351	5688	5821	5620	4.31	cps
Silver	109-1	5424	5361	5248	5344	1.68	cps
Sodium	23-2	159348	158408	157341	158365	0.63	cps
Strontium	86-1	381972	388067	384396	384812	0.80	cps
Strontium	88-1	3384457	3411465	3396870	3397597	0.40	cps
Sulfur	34-1	252788	253441	252766	252998	0.15	cps
Terbium	159-1	18661690	17704401	17511712	17959268	3.43	cps
Terbium	159-2	11847479	11851836	11697376	11798897	0.75	cps
Thallium	203-1	6228	6435	6185	6283	2.13	cps
Thallium	205-1	14585	14835	15242	14887	2.23	cps
Tin	118-1	18596	18873	19139	18869	1.44	cps
Titanium	47-1	324280	328455	325447	326061	0.66	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-08	Instrumnet Name :	P7
Client Sample ID :	ME28Z3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:32:15	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54317	56590	56171	55693	2.17	cps
Vanadium	51-2	174614	175659	175949	175407	0.40	cps
Yttrium	89-1	22801493	21114007	21016066	21643855	4.64	cps
Yttrium	89-2	5651561	5569578	5563905	5595015	0.88	cps
Zinc	66-2	237201	232675	235492	235123	0.97	cps
Zirconium	90-1	37504	38972	39199	38558	2.39	cps
Zirconium	91-1	8656	8846	8769	8757	1.09	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-09	Instrumnet Name :	P7
Client Sample ID :	ME28Z4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:35:21	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4594931	4539465	4608140	4580845	0.80	cps
Antimony	121-1	17317	17601	17240	17386	1.09	cps
Arsenic	75-2	14133	13753	14224	14037	1.78	cps
Barium	135-1	1011538	1009963	1001695	1007732	0.52	cps
Barium	137-1	1769941	1759753	1728523	1752739	1.23	cps
Beryllium	9-1	2267	2344	2194	2268	3.31	cps
Bismuth	209-1	10510060	10511496	10289016	10436857	1.23	cps
Bismuth	209-2	8568946	8434084	8487695	8496908	0.80	cps
Bromine	81-1	17808	19283	18612	18567	3.98	cps
Bromine	81-2	937	1067	1030	1011	6.63	cps
Cadmium	108-1	320	290	357	322	10.36	cps
Cadmium	106-1	5825	5855	5291	5657	5.60	cps
Cadmium	111-1	7407	7166	6925	7166	3.37	cps
Calcium	43-1	2225565	2233197	2207923	2222228	0.58	cps
Calcium	44-1	36084107	36099414	35155745	35779755	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	615791	613265	606983	612013	0.74	cps
Cobalt	59-2	181749	180660	180120	180843	0.46	cps
Copper	63-2	545012	543043	545197	544417	0.22	cps
Dysprosium	156-1	70767	71266	70231	70755	0.73	cps
Dysprosium	156-2	56791	56526	57490	56936	0.87	cps
Erbium	164-1	62435	62904	63155	62831	0.58	cps
Erbium	164-2	43210	44186	43250	43549	1.27	cps
Gadolinium	160-1	70707	70148	69916	70257	0.58	cps
Gadolinium	160-2	51461	51006	51618	51361	0.62	cps
Holmium	165-1	17316353	17340791	17008752	17221965	1.07	cps
Holmium	165-2	11955093	11783412	12054088	11930864	1.15	cps
Indium	115-1	13388373	13198077	13246740	13277730	0.74	cps
Indium	115-2	4693433	4749926	4727199	4723519	0.60	cps
Iron	56-2	542912952	540522232	538987205	540807463	0.37	cps
Iron	57-2	13542605	13457900	13408724	13469743	0.50	cps
Iron	54-2	29439496	29301440	29277922	29339619	0.30	cps
Krypton	83-1	317	323	360	333	7.00	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-09	Instrumnet Name :	P7
Client Sample ID :	ME28Z4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:35:21	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1475567	1475329	1466598	1472498	0.35	cps
Lead	207-1	1188878	1186657	1179514	1185016	0.41	cps
Lead	208-1	5649065	5690076	5641469	5660204	0.46	cps
Lithium	6-1	1998900	1987308	2006057	1997422	0.47	cps
Magnesium	24-2	12043063	11809792	11861115	11904657	1.03	cps
Manganese	55-2	9769902	9682334	9731365	9727867	0.45	cps
Molybdenum	94-1	76867	76458	76599	76641	0.27	cps
Molybdenum	95-1	95888	95686	96263	95946	0.31	cps
Molybdenum	96-1	112918	114553	112173	113215	1.08	cps
Molybdenum	97-1	61512	59902	60876	60763	1.33	cps
Molybdenum	98-1	155693	155316	155797	155602	0.16	cps
Neodymium	150-1	107435	106690	106331	106819	0.53	cps
Neodymium	150-2	64520	62585	61888	62998	2.16	cps
Nickel	60-2	216604	212666	213199	214156	1.00	cps
Phosphorus	31-2	13269	13476	13409	13385	0.79	cps
Potassium	39-2	1281501	1279425	1239722	1266883	1.86	cps
Rhodium	103-1	12394946	12372067	12254322	12340445	0.61	cps
Rhodium	103-2	7394708	7300983	7329108	7341600	0.66	cps
Scandium	45-1	7078317	7093340	7041222	7070960	0.38	cps
Scandium	45-2	605253	600350	601751	602451	0.42	cps
Selenium	82-1	772	705	651	710	8.55	cps
Selenium	77-2	167	210	170	182	13.23	cps
Selenium	78-2	523	473	590	529	11.07	cps
Silicon	28-1	25349439	25766688	25497941	25538023	0.83	cps
Silver	107-1	5084	4954	5004	5014	1.31	cps
Silver	109-1	5101	5088	4854	5014	2.77	cps
Sodium	23-2	176171	175989	176074	176078	0.05	cps
Strontium	86-1	415516	421435	421645	419532	0.83	cps
Strontium	88-1	3732320	3699542	3640846	3690903	1.26	cps
Sulfur	34-1	248621	251585	250819	250342	0.61	cps
Terbium	159-1	17835671	17763981	17437035	17678896	1.20	cps
Terbium	159-2	11945496	11677097	11796838	11806477	1.14	cps
Thallium	203-1	6922	6645	6842	6803	2.09	cps
Thallium	205-1	16046	15849	16403	16100	1.74	cps
Tin	118-1	46960	46401	47508	46956	1.18	cps
Titanium	47-1	359548	362915	359324	360596	0.56	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-09	Instrumnet Name :	P7
Client Sample ID :	ME28Z4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:35:21	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67698	68374	67685	67919	0.58	cps
Vanadium	51-2	350188	347066	347218	348157	0.51	cps
Yttrium	89-1	21477216	21029253	20864701	21123724	1.50	cps
Yttrium	89-2	5700174	5696766	5599802	5665581	1.01	cps
Zinc	66-2	287591	288277	285632	287167	0.48	cps
Zirconium	90-1	57957	67859	58288	61368	9.16	cps
Zirconium	91-1	13003	13286	13026	13105	1.20	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-10	Instrumnet Name :	P7
Client Sample ID :	ME28Z5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:38:28	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3242201	3271902	3265297	3259800	0.48	cps
Antimony	121-1	12312	12199	11902	12137	1.75	cps
Arsenic	75-2	10487	10764	10677	10643	1.33	cps
Barium	135-1	795522	794652	791155	793776	0.29	cps
Barium	137-1	1377034	1377895	1369973	1374967	0.32	cps
Beryllium	9-1	1500	1637	1560	1566	4.38	cps
Bismuth	209-1	10380672	10520778	10362669	10421373	0.83	cps
Bismuth	209-2	8410982	8449755	8496020	8452253	0.50	cps
Bromine	81-1	17721	17784	17527	17677	0.76	cps
Bromine	81-2	977	923	867	922	5.97	cps
Cadmium	108-1	253	280	267	267	5.00	cps
Cadmium	106-1	5795	5331	5494	5540	4.24	cps
Cadmium	111-1	6542	6213	6480	6412	2.73	cps
Calcium	43-1	1742194	1706716	1697172	1715361	1.38	cps
Calcium	44-1	27529466	27311744	27209650	27350287	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	349048	350276	351315	350213	0.32	cps
Cobalt	59-2	121796	120307	121819	121307	0.71	cps
Copper	63-2	232262	232048	229950	231420	0.55	cps
Dysprosium	156-1	54448	54967	54954	54790	0.54	cps
Dysprosium	156-2	44012	44223	44253	44162	0.30	cps
Erbium	164-1	46597	47383	46658	46879	0.93	cps
Erbium	164-2	32374	32494	32358	32409	0.23	cps
Gadolinium	160-1	53254	53197	53308	53253	0.10	cps
Gadolinium	160-2	39840	38710	39599	39383	1.51	cps
Holmium	165-1	17370206	17204567	17261622	17278798	0.49	cps
Holmium	165-2	11862962	11832537	11835854	11843784	0.14	cps
Indium	115-1	13676877	13213327	13262999	13384401	1.90	cps
Indium	115-2	4709568	4700343	4674026	4694646	0.39	cps
Iron	56-2	291373902	291182522	290166716	290907713	0.22	cps
Iron	57-2	7271061	7173966	7269282	7238103	0.77	cps
Iron	54-2	15752133	15741013	15807524	15766890	0.23	cps
Krypton	83-1	257	293	287	279	7.00	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-10	Instrumnet Name :	P7
Client Sample ID :	ME28Z5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:38:28	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1034792	1034852	1030513	1033386	0.24	cps
Lead	207-1	837166	837054	834357	836192	0.19	cps
Lead	208-1	3942036	3996542	3959140	3965906	0.70	cps
Lithium	6-1	1971205	1961433	1971826	1968155	0.30	cps
Magnesium	24-2	9547104	9448362	9420176	9471881	0.70	cps
Manganese	55-2	5576611	5516777	5477295	5523561	0.91	cps
Molybdenum	94-1	34731	35670	35593	35331	1.48	cps
Molybdenum	95-1	35717	35804	34347	35289	2.32	cps
Molybdenum	96-1	43615	44474	43772	43954	1.04	cps
Molybdenum	97-1	22534	21833	21663	22010	2.10	cps
Molybdenum	98-1	56746	56666	57275	56896	0.58	cps
Neodymium	150-1	83871	82483	82868	83074	0.86	cps
Neodymium	150-2	49737	49517	48928	49394	0.85	cps
Nickel	60-2	103051	103282	104128	103487	0.55	cps
Phosphorus	31-2	10834	10781	11024	10879	1.18	cps
Potassium	39-2	1032121	1026770	1028462	1029118	0.27	cps
Rhodium	103-1	12532218	12343942	12244971	12373711	1.18	cps
Rhodium	103-2	7380673	7378725	7317247	7358882	0.49	cps
Scandium	45-1	7154455	7027208	7026956	7069540	1.04	cps
Scandium	45-2	592907	594187	596369	594488	0.29	cps
Selenium	82-1	751	719	676	715	5.22	cps
Selenium	77-2	123	130	133	129	3.95	cps
Selenium	78-2	543	533	473	517	7.33	cps
Silicon	28-1	16084644	15918008	16047449	16016700	0.55	cps
Silver	107-1	4297	4447	4391	4378	1.73	cps
Silver	109-1	4301	4231	4177	4236	1.46	cps
Sodium	23-2	121595	123060	121390	122015	0.75	cps
Strontium	86-1	285997	286121	283982	285367	0.42	cps
Strontium	88-1	2476242	2545019	2510949	2510737	1.37	cps
Sulfur	34-1	237166	237660	237117	237314	0.13	cps
Terbium	159-1	17991558	17869394	17416249	17759067	1.71	cps
Terbium	159-2	11778474	11710951	11712473	11733966	0.33	cps
Thallium	203-1	5178	5061	5081	5107	1.22	cps
Thallium	205-1	12466	12092	11919	12159	2.30	cps
Tin	118-1	24835	24892	24755	24827	0.28	cps
Titanium	47-1	275485	272523	272623	273543	0.61	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-10	Instrumnet Name :	P7
Client Sample ID :	ME28Z5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:38:28	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55127	54766	55010	54967	0.34	cps
Vanadium	51-2	184466	183147	183818	183810	0.36	cps
Yttrium	89-1	21211982	21046746	20833320	21030683	0.90	cps
Yttrium	89-2	5562030	5554238	5523998	5546755	0.36	cps
Zinc	66-2	236956	236701	236788	236815	0.05	cps
Zirconium	90-1	39249	38136	39283	38889	1.68	cps
Zirconium	91-1	9010	8603	8823	8812	2.31	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-11	Instrumnet Name :	P7
Client Sample ID :	ME28Z6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:41:35	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4892661	4865439	4821984	4860028	0.73	cps
Antimony	121-1	14504	14631	14497	14544	0.52	cps
Arsenic	75-2	14821	14951	14531	14767	1.46	cps
Barium	135-1	1111130	1124103	1112047	1115760	0.65	cps
Barium	137-1	1949366	1989333	1927351	1955350	1.61	cps
Beryllium	9-1	2230	2287	2184	2234	2.32	cps
Bismuth	209-1	10722821	10472474	10351327	10515540	1.80	cps
Bismuth	209-2	8475895	8504948	8491899	8490914	0.17	cps
Bromine	81-1	18609	18585	18752	18649	0.48	cps
Bromine	81-2	1100	1107	1090	1099	0.76	cps
Cadmium	108-1	310	370	393	358	12.02	cps
Cadmium	106-1	6185	5811	5344	5780	7.28	cps
Cadmium	111-1	7779	7796	7180	7585	4.63	cps
Calcium	43-1	2148488	2162090	2133899	2148159	0.66	cps
Calcium	44-1	34752439	35437572	34638499	34942836	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484498	483046	483508	483684	0.15	cps
Cobalt	59-2	180261	180669	180646	180526	0.13	cps
Copper	63-2	339251	336369	338137	337919	0.43	cps
Dysprosium	156-1	76996	78830	77197	77674	1.29	cps
Dysprosium	156-2	62977	63144	63640	63254	0.54	cps
Erbium	164-1	67050	68688	68711	68150	1.40	cps
Erbium	164-2	48066	47447	47811	47775	0.65	cps
Gadolinium	160-1	75689	76678	76514	76294	0.69	cps
Gadolinium	160-2	56082	56848	56065	56332	0.79	cps
Holmium	165-1	17648048	16931108	17141087	17240081	2.14	cps
Holmium	165-2	12035997	12002007	11936641	11991548	0.42	cps
Indium	115-1	13740504	13315649	13246580	13434244	1.99	cps
Indium	115-2	4736290	4727539	4708185	4724005	0.30	cps
Iron	56-2	410232541	407729221	408306074	408755945	0.32	cps
Iron	57-2	10207568	10201097	10194764	10201143	0.06	cps
Iron	54-2	22176233	22073073	22085534	22111613	0.25	cps
Krypton	83-1	303	313	407	341	16.71	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-11	Instrumnet Name :	P7
Client Sample ID :	ME28Z6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:41:35	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1390096	1404262	1411330	1401896	0.77	cps
Lead	207-1	1112876	1128694	1132095	1124555	0.91	cps
Lead	208-1	5378750	5410499	5414138	5401129	0.36	cps
Lithium	6-1	2036785	1992547	1924106	1984479	2.86	cps
Magnesium	24-2	12149119	12049686	12184332	12127712	0.58	cps
Manganese	55-2	8544403	8399383	8417197	8453661	0.94	cps
Molybdenum	94-1	45631	47052	45601	46095	1.80	cps
Molybdenum	95-1	46069	46698	45647	46138	1.15	cps
Molybdenum	96-1	56716	57954	57780	57483	1.17	cps
Molybdenum	97-1	28935	29450	29333	29239	0.92	cps
Molybdenum	98-1	74405	75266	74411	74694	0.66	cps
Neodymium	150-1	117787	119585	118745	118706	0.76	cps
Neodymium	150-2	70331	70418	70602	70450	0.20	cps
Nickel	60-2	131608	131682	130912	131400	0.32	cps
Phosphorus	31-2	14701	14704	14594	14666	0.43	cps
Potassium	39-2	1359546	1328749	1358451	1348915	1.30	cps
Rhodium	103-1	12701966	12177581	12144877	12341474	2.53	cps
Rhodium	103-2	7283473	7393217	7406253	7360981	0.92	cps
Scandium	45-1	7289761	7149298	7017426	7152162	1.90	cps
Scandium	45-2	599104	598773	598254	598710	0.07	cps
Selenium	82-1	809	710	577	699	16.64	cps
Selenium	77-2	203	207	173	194	9.44	cps
Selenium	78-2	573	663	540	592	10.77	cps
Silicon	28-1	20259013	20230124	20160730	20216622	0.25	cps
Silver	107-1	5811	5725	5761	5766	0.75	cps
Silver	109-1	5134	5311	5658	5368	4.96	cps
Sodium	23-2	142387	142774	142485	142549	0.14	cps
Strontium	86-1	387813	392218	391311	390447	0.60	cps
Strontium	88-1	3453972	3420037	3420859	3431623	0.56	cps
Sulfur	34-1	253157	249569	252998	251908	0.80	cps
Terbium	159-1	18373238	17776392	17728492	17959374	2.00	cps
Terbium	159-2	11685415	11783487	11766663	11745188	0.45	cps
Thallium	203-1	6682	6688	6915	6762	1.97	cps
Thallium	205-1	15729	16030	16076	15945	1.18	cps
Tin	118-1	30569	31454	30746	30923	1.51	cps
Titanium	47-1	333247	336213	333920	334460	0.46	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-11	Instrumnet Name :	P7
Client Sample ID :	ME28Z6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:41:35	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76944	78295	77548	77596	0.87	cps
Vanadium	51-2	271939	267910	270644	270164	0.76	cps
Yttrium	89-1	21792726	21047349	21004296	21281457	2.08	cps
Yttrium	89-2	5601302	5713329	5630450	5648360	1.03	cps
Zinc	66-2	319939	316493	316365	317599	0.64	cps
Zirconium	90-1	52329	53413	53524	53089	1.24	cps
Zirconium	91-1	11408	11918	11725	11684	2.21	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-12	Instrumnet Name :	P7
Client Sample ID :	ME28Z7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:44:44	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2844324	2850983	2818763	2838023	0.60	cps
Antimony	121-1	13723	14260	14477	14154	2.74	cps
Arsenic	75-2	5995	6258	6241	6165	2.39	cps
Barium	135-1	363614	367367	366134	365705	0.52	cps
Barium	137-1	634356	636675	633504	634845	0.26	cps
Beryllium	9-1	1097	1163	1173	1144	3.64	cps
Bismuth	209-1	10459341	10436802	10395740	10430627	0.31	cps
Bismuth	209-2	8584034	8543180	8548654	8558623	0.26	cps
Bromine	81-1	14948	14761	15085	14931	1.09	cps
Bromine	81-2	407	437	347	397	11.55	cps
Cadmium	108-1	127	143	133	134	6.24	cps
Cadmium	106-1	5588	5221	5364	5391	3.43	cps
Cadmium	111-1	5066	4824	4932	4941	2.45	cps
Calcium	43-1	2990887	3002990	2999992	2997956	0.21	cps
Calcium	44-1	48461153	49158663	48426434	48682083	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	186578	186029	187014	186540	0.26	cps
Cobalt	59-2	75167	74902	75669	75246	0.52	cps
Copper	63-2	286094	283838	283458	284463	0.50	cps
Dysprosium	156-1	37771	37189	37694	37551	0.84	cps
Dysprosium	156-2	31201	30647	30557	30802	1.13	cps
Erbium	164-1	34028	34620	34586	34411	0.97	cps
Erbium	164-2	23744	23573	23620	23646	0.37	cps
Gadolinium	160-1	36928	36621	36166	36572	1.05	cps
Gadolinium	160-2	27450	27601	27053	27368	1.03	cps
Holmium	165-1	17509880	17371025	17138933	17339946	1.08	cps
Holmium	165-2	12134533	12049112	11907398	12030348	0.95	cps
Indium	115-1	13547305	13431428	13335941	13438224	0.79	cps
Indium	115-2	4754655	4732006	4714128	4733596	0.43	cps
Iron	56-2	141716871	141010758	140678648	141135426	0.38	cps
Iron	57-2	3496995	3554314	3533092	3528134	0.82	cps
Iron	54-2	7600430	7671338	7583939	7618569	0.61	cps
Krypton	83-1	267	270	230	256	8.69	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-12	Instrumnet Name :	P7
Client Sample ID :	ME28Z7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:44:44	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	290892	292088	290136	291039	0.34	cps
Lead	207-1	237142	238715	236970	237609	0.40	cps
Lead	208-1	1108889	1116764	1107896	1111183	0.44	cps
Lithium	6-1	1964626	1956987	1957812	1959808	0.21	cps
Magnesium	24-2	7035413	7017859	6948408	7000560	0.66	cps
Manganese	55-2	2347366	2389308	2358664	2365113	0.92	cps
Molybdenum	94-1	40743	41713	40356	40937	1.71	cps
Molybdenum	95-1	32717	33959	32650	33109	2.23	cps
Molybdenum	96-1	40092	40700	41128	40640	1.28	cps
Molybdenum	97-1	20818	21022	21059	20966	0.62	cps
Molybdenum	98-1	52765	53752	53611	53376	1.00	cps
Neodymium	150-1	58444	59304	58561	58769	0.79	cps
Neodymium	150-2	33871	34075	34485	34144	0.92	cps
Nickel	60-2	68285	67430	68512	68076	0.84	cps
Phosphorus	31-2	6958	6832	6852	6881	0.99	cps
Potassium	39-2	758000	757972	750403	755458	0.58	cps
Rhodium	103-1	12419211	12167984	12259060	12282085	1.04	cps
Rhodium	103-2	7314107	7391059	7268806	7324657	0.84	cps
Scandium	45-1	7192111	7078878	7046337	7105775	1.08	cps
Scandium	45-2	605378	602878	597056	601770	0.71	cps
Selenium	82-1	605	539	732	625	15.70	cps
Selenium	77-2	93	67	87	82	16.87	cps
Selenium	78-2	473	527	490	497	5.49	cps
Silicon	28-1	32190874	32730403	32253146	32391474	0.91	cps
Silver	107-1	1297	1367	1410	1358	4.21	cps
Silver	109-1	1293	1070	1333	1232	11.52	cps
Sodium	23-2	162175	158338	157499	159337	1.56	cps
Strontium	86-1	848321	857569	855619	853836	0.57	cps
Strontium	88-1	7532713	7475829	7586863	7531802	0.74	cps
Sulfur	34-1	244015	245148	244550	244571	0.23	cps
Terbium	159-1	17887965	17454686	17686638	17676430	1.23	cps
Terbium	159-2	11864154	11802170	11719101	11795142	0.62	cps
Thallium	203-1	2527	2634	2654	2605	2.61	cps
Thallium	205-1	6295	6115	5918	6109	3.09	cps
Tin	118-1	95007	96594	97162	96254	1.16	cps
Titanium	47-1	304409	308028	305905	306114	0.59	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-12	Instrumnet Name :	P7
Client Sample ID :	ME28Z7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:44:44	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39294	40656	39629	39860	1.78	cps
Vanadium	51-2	105908	105620	104972	105500	0.45	cps
Yttrium	89-1	20931458	20703197	20924122	20852926	0.62	cps
Yttrium	89-2	5552967	5560351	5514021	5542446	0.45	cps
Zinc	66-2	84939	83796	84028	84255	0.72	cps
Zirconium	90-1	58483	59035	59573	59030	0.92	cps
Zirconium	91-1	12896	13199	13069	13055	1.17	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-13	Instrumnet Name :	P7
Client Sample ID :	ME28Z8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:47:52	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2118048	2117259	2080327	2105211	1.02	cps
Antimony	121-1	9386	9427	9883	9565	2.89	cps
Arsenic	75-2	4884	4868	4808	4853	0.83	cps
Barium	135-1	262864	263758	265924	264182	0.60	cps
Barium	137-1	457758	460402	457093	458417	0.38	cps
Beryllium	9-1	780	773	773	776	0.50	cps
Bismuth	209-1	10189118	10391140	10279047	10286435	0.98	cps
Bismuth	209-2	8468694	8598436	8474626	8513919	0.86	cps
Bromine	81-1	14704	15572	15305	15193	2.92	cps
Bromine	81-2	393	403	380	392	2.98	cps
Cadmium	108-1	123	163	167	151	15.96	cps
Cadmium	106-1	5081	5334	5088	5168	2.79	cps
Cadmium	111-1	4420	4556	4465	4481	1.55	cps
Calcium	43-1	2736248	2759752	2721335	2739112	0.71	cps
Calcium	44-1	43962418	43813483	43863544	43879815	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141422	140759	140147	140776	0.45	cps
Cobalt	59-2	56348	56449	56298	56365	0.14	cps
Copper	63-2	205143	206051	207724	206306	0.63	cps
Dysprosium	156-1	29949	30767	29945	30220	1.57	cps
Dysprosium	156-2	24809	24819	24849	24825	0.08	cps
Erbium	164-1	27190	27277	26592	27020	1.38	cps
Erbium	164-2	19147	19083	18679	18970	1.34	cps
Gadolinium	160-1	29204	29044	29023	29090	0.34	cps
Gadolinium	160-2	21620	21446	22248	21771	1.94	cps
Holmium	165-1	16987192	17233238	17122958	17114463	0.72	cps
Holmium	165-2	12001130	11913155	11869214	11927833	0.56	cps
Indium	115-1	13021375	13333951	13279465	13211597	1.26	cps
Indium	115-2	4731161	4739048	4722770	4730993	0.17	cps
Iron	56-2	107789508	108339895	107635578	107921661	0.34	cps
Iron	57-2	2745967	2704089	2701360	2717139	0.92	cps
Iron	54-2	5879901	5842781	5845550	5856077	0.35	cps
Krypton	83-1	277	333	283	298	10.40	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-13	Instrumnet Name :	P7
Client Sample ID :	ME28Z8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:47:52	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	226625	227137	226591	226784	0.13	cps
Lead	207-1	184440	184310	184015	184255	0.12	cps
Lead	208-1	864001	869773	863135	865637	0.42	cps
Lithium	6-1	1912213	1946509	1980815	1946512	1.76	cps
Magnesium	24-2	6433133	6399038	6361730	6397967	0.56	cps
Manganese	55-2	1888161	1902046	1909862	1900023	0.58	cps
Molybdenum	94-1	47982	40894	39283	42719	10.83	cps
Molybdenum	95-1	29790	29667	30428	29962	1.36	cps
Molybdenum	96-1	36987	36947	37625	37186	1.02	cps
Molybdenum	97-1	19039	19306	18882	19076	1.12	cps
Molybdenum	98-1	48473	48460	48417	48450	0.06	cps
Neodymium	150-1	47523	47463	47085	47357	0.50	cps
Neodymium	150-2	28245	27814	28292	28117	0.94	cps
Nickel	60-2	51411	51451	50685	51182	0.84	cps
Phosphorus	31-2	6348	6475	6451	6425	1.05	cps
Potassium	39-2	607275	606356	606083	606571	0.10	cps
Rhodium	103-1	11910160	12330292	12188371	12142941	1.76	cps
Rhodium	103-2	7393077	7342758	7306878	7347571	0.59	cps
Scandium	45-1	6810818	7003370	7059412	6957867	1.87	cps
Scandium	45-2	595800	594131	599810	596580	0.49	cps
Selenium	82-1	581	516	650	583	11.50	cps
Selenium	77-2	47	80	90	72	31.41	cps
Selenium	78-2	497	507	440	481	7.47	cps
Silicon	28-1	43082291	42842633	42411546	42778823	0.79	cps
Silver	107-1	957	1103	897	986	10.79	cps
Silver	109-1	967	870	840	892	7.42	cps
Sodium	23-2	151934	152513	152540	152329	0.22	cps
Strontium	86-1	663443	661377	658788	661203	0.35	cps
Strontium	88-1	5822938	5858602	5838639	5840060	0.31	cps
Sulfur	34-1	224673	225269	226538	225493	0.42	cps
Terbium	159-1	17275816	17578201	17552063	17468693	0.96	cps
Terbium	159-2	11882349	11769818	11763846	11805338	0.57	cps
Thallium	203-1	2150	2214	2167	2177	1.51	cps
Thallium	205-1	5465	5424	5444	5444	0.37	cps
Tin	118-1	100400	103105	101084	101530	1.39	cps
Titanium	47-1	314974	313225	312284	313494	0.44	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-13	Instrumnet Name :	P7
Client Sample ID :	ME28Z8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:47:52	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35658	35263	34846	35256	1.15	cps
Vanadium	51-2	81090	80808	80161	80686	0.59	cps
Yttrium	89-1	20082319	20497923	20834298	20471513	1.84	cps
Yttrium	89-2	5553733	5519890	5413063	5495562	1.34	cps
Zinc	66-2	58621	58276	58665	58521	0.36	cps
Zirconium	90-1	60300	60839	61489	60876	0.98	cps
Zirconium	91-1	13763	13703	13677	13714	0.32	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:51:01	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12809486	12731305	12708957	12749916	0.41	cps
Antimony	121-1	5977599	6135258	6077003	6063287	1.31	cps
Arsenic	75-2	299479	293800	294503	295927	1.05	cps
Barium	135-1	7768109	8023940	7923634	7905228	1.63	cps
Barium	137-1	13456294	13800122	13603509	13619975	1.27	cps
Beryllium	9-1	674442	704414	700369	693075	2.35	cps
Bismuth	209-1	10054173	9544258	9479158	9692530	3.25	cps
Bismuth	209-2	7733989	7592988	7599023	7642000	1.04	cps
Bromine	81-1	14337	13863	13219	13807	4.06	cps
Bromine	81-2	113	113	143	123	14.05	cps
Cadmium	108-1	113010	115894	112620	113842	1.57	cps
Cadmium	106-1	164245	166189	163401	164611	0.87	cps
Cadmium	111-1	1499372	1534490	1521514	1518459	1.17	cps
Calcium	43-1	7711096	7792914	7619714	7707908	1.12	cps
Calcium	44-1	124407875	126271048	122099695	124259539	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2269416	2255309	2208766	2244497	1.41	cps
Cobalt	59-2	3471640	3449375	3472084	3464366	0.37	cps
Copper	63-2	24791703	24754643	24676495	24740947	0.24	cps
Dysprosium	156-1	337	383	287	336	14.41	cps
Dysprosium	156-2	543	497	577	539	7.46	cps
Erbium	164-1	363	353	427	381	10.44	cps
Erbium	164-2	263	243	247	251	4.27	cps
Gadolinium	160-1	287	267	307	287	6.98	cps
Gadolinium	160-2	803	740	823	789	5.51	cps
Holmium	165-1	17653101	16447937	16270938	16790658	4.48	cps
Holmium	165-2	11483322	11439134	11421444	11447967	0.28	cps
Indium	115-1	13159991	12224179	12015181	12466450	4.89	cps
Indium	115-2	4342194	4281455	4209053	4277567	1.56	cps
Iron	56-2	524879912	520702166	522067992	522550023	0.41	cps
Iron	57-2	13144565	12926592	13143891	13071683	0.96	cps
Iron	54-2	28490161	28358995	28185397	28344851	0.54	cps
Krypton	83-1	230	230	200	220	7.87	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:51:01	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23463046	24880094	24891603	24411581	3.37	cps
Lead	207-1	20590970	21755888	21527664	21291507	2.90	cps
Lead	208-1	93777227	99331683	98614024	97240978	3.11	cps
Lithium	6-1	1927138	1800573	1795174	1840962	4.06	cps
Magnesium	24-2	101817275	101661302	100829279	101435952	0.52	cps
Manganese	55-2	17882605	17901379	17747816	17843933	0.47	cps
Molybdenum	94-1	21198510	21784443	21216710	21399888	1.56	cps
Molybdenum	95-1	30418396	31055327	30497677	30657133	1.13	cps
Molybdenum	96-1	33183751	33840248	33787464	33603821	1.09	cps
Molybdenum	97-1	19129088	19321191	19337357	19262545	0.60	cps
Molybdenum	98-1	49060501	49733458	49282501	49358820	0.69	cps
Neodymium	150-1	620	503	523	549	11.37	cps
Neodymium	150-2	163	127	127	139	15.24	cps
Nickel	60-2	853200	848626	843944	848590	0.55	cps
Phosphorus	31-2	116089	114595	115874	115519	0.70	cps
Potassium	39-2	63714019	63416922	63271629	63467524	0.36	cps
Rhodium	103-1	12026536	11149180	10922183	11365966	5.13	cps
Rhodium	103-2	6464227	6453630	6414891	6444249	0.40	cps
Scandium	45-1	7326421	6697108	6544384	6855971	6.05	cps
Scandium	45-2	558260	551892	552082	554078	0.65	cps
Selenium	82-1	87481	88570	87416	87822	0.74	cps
Selenium	77-2	8996	9036	8926	8986	0.62	cps
Selenium	78-2	30986	30331	30131	30483	1.47	cps
Silicon	28-1	7947632	7969856	7847828	7921772	0.82	cps
Silver	107-1	7484087	7567147	7501591	7517609	0.58	cps
Silver	109-1	7141910	7319244	7107722	7189626	1.58	cps
Sodium	23-2	162072638	161973561	159969384	161338528	0.74	cps
Strontium	86-1	1900196	1929745	1887681	1905874	1.13	cps
Strontium	88-1	16394476	16914165	16577524	16628722	1.59	cps
Sulfur	34-1	600965	598354	583243	594187	1.61	cps
Terbium	159-1	18076806	16966540	16763749	17269031	4.09	cps
Terbium	159-2	11206508	11192801	11108004	11169104	0.48	cps
Thallium	203-1	5941593	6133685	6056661	6043980	1.60	cps
Thallium	205-1	14185613	14713993	14542518	14480708	1.86	cps
Tin	118-1	4973896	5108454	5058166	5046839	1.35	cps
Titanium	47-1	7169036	7262474	7098593	7176701	1.15	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:51:01	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18316938	19414850	19681110	19137632	3.78	cps
Vanadium	51-2	2020159	1971969	1952760	1981629	1.75	cps
Yttrium	89-1	20960817	19289129	18805579	19685175	5.74	cps
Yttrium	89-2	5025091	5032770	4984662	5014174	0.52	cps
Zinc	66-2	4134775	4145820	4118792	4133129	0.33	cps
Zirconium	90-1	10214149	10448818	10270285	10311084	1.19	cps
Zirconium	91-1	2265566	2329749	2264565	2286626	1.63	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:53:44	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1350	1230	1200	1260	6.30	cps
Antimony	121-1	3054	2794	2467	2771	10.61	cps
Arsenic	75-2	37	57	27	40	38.18	cps
Barium	135-1	1247	1050	853	1050	18.73	cps
Barium	137-1	2150	1823	1760	1911	10.95	cps
Beryllium	9-1	257	227	190	224	14.88	cps
Bismuth	209-1	10526002	10410995	10492474	10476490	0.56	cps
Bismuth	209-2	8588738	8595460	8648447	8610882	0.38	cps
Bromine	81-1	13173	12839	13209	13074	1.56	cps
Bromine	81-2	200	230	203	211	7.79	cps
Cadmium	108-1	27	10	17	18	47.19	cps
Cadmium	106-1	4894	4507	4574	4659	4.44	cps
Cadmium	111-1	3681	3435	3417	3511	4.20	cps
Calcium	43-1	1560	1193	1210	1321	15.67	cps
Calcium	44-1	29252	26841	24861	26985	8.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1603	1720	1640	1655	3.61	cps
Cobalt	59-2	430	407	360	399	8.94	cps
Copper	63-2	4517	4067	4107	4231	5.89	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	80	90	70	80	12.50	cps
Erbium	164-2	77	40	73	63	32.01	cps
Gadolinium	160-1	30	40	97	56	64.72	cps
Gadolinium	160-2	630	587	577	598	4.74	cps
Holmium	165-1	16738649	16728850	16582008	16683169	0.53	cps
Holmium	165-2	11699649	11666117	11814179	11726649	0.66	cps
Indium	115-1	12944798	12886465	12941754	12924339	0.25	cps
Indium	115-2	4720668	4662504	4670802	4684658	0.67	cps
Iron	56-2	71780	67377	65006	68054	5.05	cps
Iron	57-2	2330	2264	2147	2247	4.13	cps
Iron	54-2	5334	5164	4864	5121	4.65	cps
Krypton	83-1	230	207	247	228	8.82	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:53:44	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4704	3907	3787	4133	12.06	cps
Lead	207-1	3891	3554	3377	3607	7.23	cps
Lead	208-1	18375	16347	15200	16641	9.66	cps
Lithium	6-1	1919735	1922595	1905913	1916081	0.47	cps
Magnesium	24-2	10043	9149	8936	9376	6.27	cps
Manganese	55-2	2580	2417	2340	2446	5.01	cps
Molybdenum	94-1	4001	3557	3034	3530	13.71	cps
Molybdenum	95-1	5351	4581	3847	4593	16.37	cps
Molybdenum	96-1	5751	5144	4167	5021	15.92	cps
Molybdenum	97-1	3174	2890	2497	2854	11.91	cps
Molybdenum	98-1	8456	7535	6648	7546	11.98	cps
Neodymium	150-1	10	3	17	10	66.70	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	380	430	407	406	6.17	cps
Phosphorus	31-2	153	137	130	140	8.59	cps
Potassium	39-2	58856	58877	57722	58485	1.13	cps
Rhodium	103-1	11842208	11886948	11935986	11888381	0.39	cps
Rhodium	103-2	7210767	7242541	7085109	7179472	1.16	cps
Scandium	45-1	6579923	6578620	6573813	6577452	0.05	cps
Scandium	45-2	563667	564888	565012	564522	0.13	cps
Selenium	82-1	510	495	383	462	14.96	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	407	330	340	359	11.61	cps
Silicon	28-1	557650	562655	563535	561280	0.57	cps
Silver	107-1	2187	1887	1373	1816	22.66	cps
Silver	109-1	1853	1570	1340	1588	16.20	cps
Sodium	23-2	47714	46062	44862	46212	3.10	cps
Strontium	86-1	740	640	610	663	10.26	cps
Strontium	88-1	3004	2550	2294	2616	13.75	cps
Sulfur	34-1	174224	177602	175896	175907	0.96	cps
Terbium	159-1	17159831	17152883	16962785	17091833	0.65	cps
Terbium	159-2	11487618	11406277	11641402	11511766	1.04	cps
Thallium	203-1	2280	1994	1590	1955	17.74	cps
Thallium	205-1	5318	4611	4097	4675	13.11	cps
Tin	118-1	2404	2467	2347	2406	2.50	cps
Titanium	47-1	993	883	790	889	11.45	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:53:44	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2780	2324	2007	2370	16.41	cps
Vanadium	51-2	227	187	167	193	15.80	cps
Yttrium	89-1	19104525	19192116	19026863	19107835	0.43	cps
Yttrium	89-2	5221808	5176227	5180939	5192991	0.48	cps
Zinc	66-2	823	937	910	890	6.66	cps
Zirconium	90-1	2880	2447	2434	2587	9.83	cps
Zirconium	91-1	487	567	527	527	7.59	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-14	Instrumnet Name :	P7
Client Sample ID :	ME28Z9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:58:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2323490	2282213	2288069	2297924	0.97	cps
Antimony	121-1	26852	27166	26818	26945	0.71	cps
Arsenic	75-2	6281	6475	6378	6378	1.52	cps
Barium	135-1	331846	330035	329923	330602	0.33	cps
Barium	137-1	572343	574343	570689	572458	0.32	cps
Beryllium	9-1	1003	1033	893	977	7.55	cps
Bismuth	209-1	10285623	10413950	10214134	10304569	0.98	cps
Bismuth	209-2	8465551	8594732	8605075	8555119	0.91	cps
Bromine	81-1	15168	15181	15665	15338	1.85	cps
Bromine	81-2	443	387	507	446	13.47	cps
Cadmium	108-1	190	143	140	158	17.72	cps
Cadmium	106-1	4938	5078	4948	4988	1.57	cps
Cadmium	111-1	4750	4891	4765	4802	1.61	cps
Calcium	43-1	4460612	4431164	4402190	4431322	0.66	cps
Calcium	44-1	71867696	71915834	71083242	71622257	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230157	226492	227998	228215	0.81	cps
Cobalt	59-2	74008	73874	74400	74094	0.37	cps
Copper	63-2	382871	384156	385583	384203	0.35	cps
Dysprosium	156-1	34709	34345	35184	34746	1.21	cps
Dysprosium	156-2	28800	28122	27911	28277	1.64	cps
Erbium	164-1	31649	31803	31960	31804	0.49	cps
Erbium	164-2	22381	22134	22471	22329	0.78	cps
Gadolinium	160-1	34255	34660	34329	34414	0.63	cps
Gadolinium	160-2	25937	25533	25263	25578	1.33	cps
Holmium	165-1	17198753	17241053	17194597	17211468	0.15	cps
Holmium	165-2	11956561	12137297	12016877	12036912	0.76	cps
Indium	115-1	13530353	13334796	13260041	13375063	1.04	cps
Indium	115-2	4783904	4777411	4774377	4778564	0.10	cps
Iron	56-2	162562068	161095268	160514208	161390514	0.65	cps
Iron	57-2	4087508	4050875	4055398	4064594	0.49	cps
Iron	54-2	8800903	8784792	8732429	8772708	0.41	cps
Krypton	83-1	273	213	297	261	16.46	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-14	Instrumnet Name :	P7
Client Sample ID :	ME28Z9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:58:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	346408	350075	351957	349480	0.81	cps
Lead	207-1	288067	286301	286282	286883	0.36	cps
Lead	208-1	1328864	1329573	1335027	1331155	0.25	cps
Lithium	6-1	1974558	1969308	1908238	1950702	1.89	cps
Magnesium	24-2	6441734	6425039	6348899	6405224	0.77	cps
Manganese	55-2	2523447	2515585	2482495	2507176	0.87	cps
Molybdenum	94-1	35309	35957	36388	35885	1.51	cps
Molybdenum	95-1	34975	35473	35760	35403	1.12	cps
Molybdenum	96-1	42833	42979	43057	42956	0.26	cps
Molybdenum	97-1	22033	22541	22424	22333	1.19	cps
Molybdenum	98-1	57047	56803	57299	57050	0.43	cps
Neodymium	150-1	53267	54170	52768	53402	1.33	cps
Neodymium	150-2	31756	31856	32084	31899	0.53	cps
Nickel	60-2	77639	77261	78561	77820	0.86	cps
Phosphorus	31-2	7575	7609	7585	7590	0.23	cps
Potassium	39-2	654433	648132	651069	651211	0.48	cps
Rhodium	103-1	12369769	12198968	12159790	12242842	0.91	cps
Rhodium	103-2	7328353	7354618	7392551	7358507	0.44	cps
Scandium	45-1	7250269	7077280	7070666	7132738	1.43	cps
Scandium	45-2	601562	601752	599155	600823	0.24	cps
Selenium	82-1	638	735	537	636	15.57	cps
Selenium	77-2	80	80	77	79	2.44	cps
Selenium	78-2	483	457	433	458	5.47	cps
Silicon	28-1	19844575	19132166	19198586	19391776	2.03	cps
Silver	107-1	4187	3560	3400	3716	11.19	cps
Silver	109-1	4304	3407	3297	3669	15.05	cps
Sodium	23-2	147000	146149	147703	146950	0.53	cps
Strontium	86-1	1081211	1088669	1093228	1087703	0.56	cps
Strontium	88-1	9569181	9575975	9610900	9585352	0.23	cps
Sulfur	34-1	220410	219314	221965	220563	0.60	cps
Terbium	159-1	17697716	17712907	17389567	17600063	1.04	cps
Terbium	159-2	11928540	11839180	11821624	11863114	0.48	cps
Thallium	203-1	3464	3180	2967	3204	7.78	cps
Thallium	205-1	8193	7415	7169	7592	7.04	cps
Tin	118-1	114518	115280	113906	114568	0.60	cps
Titanium	47-1	288027	283959	282644	284877	0.99	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-14	Instrumnet Name :	P7
Client Sample ID :	ME28Z9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 17:58:26	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42568	43029	43190	42929	0.75	cps
Vanadium	51-2	94396	95124	94504	94674	0.41	cps
Yttrium	89-1	21077931	20932648	20430628	20813736	1.63	cps
Yttrium	89-2	5560547	5646654	5546413	5584538	0.97	cps
Zinc	66-2	82020	81497	81022	81513	0.61	cps
Zirconium	90-1	42939	42632	41241	42271	2.14	cps
Zirconium	91-1	9640	9647	9486	9591	0.94	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-15	Instrumnet Name :	P7
Client Sample ID :	ME2900	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:01:59	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4511208	4530940	4573088	4538412	0.70	cps
Antimony	121-1	7272	7499	6942	7237	3.87	cps
Arsenic	75-2	11481	11588	11478	11516	0.54	cps
Barium	135-1	465388	466599	464147	465378	0.26	cps
Barium	137-1	807652	804125	802363	804713	0.33	cps
Beryllium	9-1	1663	1510	1620	1598	4.95	cps
Bismuth	209-1	10259775	10253823	10388185	10300594	0.74	cps
Bismuth	209-2	8576854	8508965	8499225	8528348	0.50	cps
Bromine	81-1	16055	16433	16720	16403	2.03	cps
Bromine	81-2	673	713	707	698	3.07	cps
Cadmium	108-1	163	320	247	243	32.21	cps
Cadmium	106-1	5601	5715	5414	5577	2.72	cps
Cadmium	111-1	5567	5436	5178	5393	3.67	cps
Calcium	43-1	3048080	3053213	3058049	3053114	0.16	cps
Calcium	44-1	48769969	48938821	48764201	48824330	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172808	172450	174497	173251	0.63	cps
Cobalt	59-2	185693	184168	184499	184787	0.43	cps
Copper	63-2	270318	268976	270395	269896	0.30	cps
Dysprosium	156-1	73568	75679	74979	74742	1.44	cps
Dysprosium	156-2	60479	61879	61336	61231	1.15	cps
Erbium	164-1	64153	64079	64056	64096	0.08	cps
Erbium	164-2	44464	44039	44367	44290	0.50	cps
Gadolinium	160-1	74758	74832	74848	74813	0.06	cps
Gadolinium	160-2	56008	54823	54887	55239	1.21	cps
Holmium	165-1	16891400	17107860	17023659	17007640	0.64	cps
Holmium	165-2	11967904	12016571	11953587	11979354	0.28	cps
Indium	115-1	13152046	13355386	13166857	13224763	0.86	cps
Indium	115-2	4678918	4702137	4763150	4714735	0.92	cps
Iron	56-2	199818830	198847644	200210377	199625617	0.35	cps
Iron	57-2	5059515	5051250	5008345	5039703	0.55	cps
Iron	54-2	10877614	10655398	10728344	10753786	1.05	cps
Krypton	83-1	310	280	273	288	6.79	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-15	Instrumnet Name :	P7
Client Sample ID :	ME2900	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:01:59	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	335654	337259	339219	337377	0.53	cps
Lead	207-1	269627	272907	272080	271538	0.63	cps
Lead	208-1	1279579	1282228	1283668	1281825	0.16	cps
Lithium	6-1	1980322	1957041	1977601	1971655	0.65	cps
Magnesium	24-2	16412503	16575126	16518364	16501998	0.50	cps
Manganese	55-2	3643162	3591531	3574429	3603040	0.99	cps
Molybdenum	94-1	57315	57178	56659	57050	0.61	cps
Molybdenum	95-1	19910	20524	19747	20061	2.04	cps
Molybdenum	96-1	31845	32115	31654	31871	0.73	cps
Molybdenum	97-1	12666	12602	12646	12638	0.26	cps
Molybdenum	98-1	32022	32252	32834	32369	1.29	cps
Neodymium	150-1	114591	116103	115559	115418	0.66	cps
Neodymium	150-2	68358	68324	67876	68186	0.39	cps
Nickel	60-2	122058	121114	121171	121448	0.44	cps
Phosphorus	31-2	11985	12629	11831	12148	3.48	cps
Potassium	39-2	1502372	1531590	1499767	1511243	1.17	cps
Rhodium	103-1	12223741	12085452	12198249	12169147	0.60	cps
Rhodium	103-2	7347478	7313458	7178326	7279754	1.23	cps
Scandium	45-1	7097769	7055264	7069824	7074286	0.31	cps
Scandium	45-2	605581	606689	601024	604431	0.50	cps
Selenium	82-1	768	666	697	710	7.36	cps
Selenium	77-2	177	220	203	200	10.93	cps
Selenium	78-2	557	507	593	552	7.88	cps
Silicon	28-1	18877858	19304589	18893270	19025239	1.27	cps
Silver	107-1	2777	2890	3000	2889	3.87	cps
Silver	109-1	2487	2744	2767	2666	5.83	cps
Sodium	23-2	179462	179843	181070	180125	0.47	cps
Strontium	86-1	383179	385498	385314	384664	0.34	cps
Strontium	88-1	3380968	3409670	3382394	3391010	0.48	cps
Sulfur	34-1	241904	243987	241973	242622	0.49	cps
Terbium	159-1	17433637	17506022	17532592	17490750	0.29	cps
Terbium	159-2	11852061	11812554	11795580	11820065	0.25	cps
Thallium	203-1	5201	5595	5121	5306	4.78	cps
Thallium	205-1	12840	12539	12803	12727	1.29	cps
Tin	118-1	11331	11301	11862	11498	2.74	cps
Titanium	47-1	346521	342711	346256	345163	0.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-15	Instrumnet Name :	P7
Client Sample ID :	ME2900	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:01:59	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68100	67584	68334	68006	0.56	cps
Vanadium	51-2	195084	194732	192984	194267	0.58	cps
Yttrium	89-1	20976304	21198599	21038187	21071030	0.54	cps
Yttrium	89-2	5705325	5625869	5621256	5650817	0.84	cps
Zinc	66-2	130740	129727	131509	130659	0.68	cps
Zirconium	90-1	121867	123067	124195	123043	0.95	cps
Zirconium	91-1	26788	27269	27422	27160	1.22	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-16	Instrumnet Name :	P7
Client Sample ID :	ME2901	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:05:08	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4377615	4374714	4408215	4386848	0.42	cps
Antimony	121-1	9740	10007	9817	9855	1.39	cps
Arsenic	75-2	12295	11982	12399	12225	1.78	cps
Barium	135-1	548761	555682	548966	551136	0.71	cps
Barium	137-1	957041	954886	960721	957549	0.31	cps
Beryllium	9-1	1660	1660	1787	1702	4.30	cps
Bismuth	209-1	10328808	10351348	10355947	10345368	0.14	cps
Bismuth	209-2	8528986	8547925	8532795	8536569	0.12	cps
Bromine	81-1	17487	18078	18325	17963	2.40	cps
Bromine	81-2	933	973	987	964	2.88	cps
Cadmium	108-1	233	237	227	232	2.19	cps
Cadmium	106-1	5661	5938	5841	5813	2.42	cps
Cadmium	111-1	6050	6368	6054	6157	2.96	cps
Calcium	43-1	4424829	4380253	4340417	4381833	0.96	cps
Calcium	44-1	71067344	70326462	70753189	70715665	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194507	195273	194473	194751	0.23	cps
Cobalt	59-2	180336	182228	182053	181539	0.58	cps
Copper	63-2	291598	291979	290028	291201	0.36	cps
Dysprosium	156-1	84284	85428	85860	85191	0.96	cps
Dysprosium	156-2	68590	68787	70378	69252	1.42	cps
Erbium	164-1	74517	75177	73988	74561	0.80	cps
Erbium	164-2	50896	52134	51648	51559	1.21	cps
Gadolinium	160-1	85837	85368	85194	85466	0.39	cps
Gadolinium	160-2	61755	62120	62308	62061	0.45	cps
Holmium	165-1	17323730	17646562	17266464	17412252	1.18	cps
Holmium	165-2	12197460	12151137	12132017	12160205	0.28	cps
Indium	115-1	13361832	13487585	13288714	13379377	0.75	cps
Indium	115-2	4803328	4758106	4731589	4764341	0.76	cps
Iron	56-2	211952317	211814357	210475530	211414068	0.39	cps
Iron	57-2	5309643	5355338	5303678	5322886	0.53	cps
Iron	54-2	11393351	11453244	11415683	11420759	0.27	cps
Krypton	83-1	383	387	330	367	8.67	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-16	Instrumnet Name :	P7
Client Sample ID :	ME2901	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:05:08	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	445803	447251	446105	446386	0.17	cps
Lead	207-1	356879	356447	357572	356966	0.16	cps
Lead	208-1	1685526	1687065	1686262	1686284	0.05	cps
Lithium	6-1	2023253	1978951	1990008	1997404	1.15	cps
Magnesium	24-2	23728775	23458795	23651010	23612860	0.59	cps
Manganese	55-2	5573020	5526388	5522348	5540585	0.51	cps
Molybdenum	94-1	31227	30862	31086	31058	0.59	cps
Molybdenum	95-1	21656	21576	21239	21490	1.03	cps
Molybdenum	96-1	28167	28595	28384	28382	0.75	cps
Molybdenum	97-1	13646	12983	13643	13424	2.85	cps
Molybdenum	98-1	34337	33796	34527	34220	1.11	cps
Neodymium	150-1	131433	132583	132375	132130	0.46	cps
Neodymium	150-2	77937	76788	76811	77179	0.85	cps
Nickel	60-2	120560	121184	118879	120208	0.99	cps
Phosphorus	31-2	16359	16683	16048	16363	1.94	cps
Potassium	39-2	1467661	1481884	1468140	1472561	0.55	cps
Rhodium	103-1	12269218	12357488	12425334	12350680	0.63	cps
Rhodium	103-2	7423359	7350706	7370391	7381486	0.51	cps
Scandium	45-1	7289648	7123218	7044403	7152423	1.75	cps
Scandium	45-2	612429	610025	602379	608277	0.86	cps
Selenium	82-1	588	717	738	681	11.90	cps
Selenium	77-2	160	173	273	202	30.63	cps
Selenium	78-2	503	523	643	557	13.60	cps
Silicon	28-1	20372816	20275745	20313448	20320669	0.24	cps
Silver	107-1	2944	3090	3304	3113	5.82	cps
Silver	109-1	2997	2917	2880	2931	2.04	cps
Sodium	23-2	204424	204442	204151	204339	0.08	cps
Strontium	86-1	495468	501338	495910	497572	0.66	cps
Strontium	88-1	4407111	4446583	4363781	4405825	0.94	cps
Sulfur	34-1	269995	268279	267696	268657	0.44	cps
Terbium	159-1	17638700	17705303	17703556	17682520	0.21	cps
Terbium	159-2	11839349	11819276	11768447	11809024	0.31	cps
Thallium	203-1	6228	6305	6148	6227	1.26	cps
Thallium	205-1	15255	15542	15165	15321	1.29	cps
Tin	118-1	13203	18901	13049	15051	22.16	cps
Titanium	47-1	392071	388097	392683	390950	0.64	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-16	Instrumnet Name :	P7
Client Sample ID :	ME2901	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:05:08	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73803	74812	74235	74284	0.68	cps
Vanadium	51-2	209815	211934	210495	210748	0.51	cps
Yttrium	89-1	21689175	21525846	21437652	21550891	0.59	cps
Yttrium	89-2	5736739	5724252	5652881	5704624	0.79	cps
Zinc	66-2	142065	143525	142071	142554	0.59	cps
Zirconium	90-1	50787	50751	51316	50951	0.62	cps
Zirconium	91-1	11615	11618	11274	11502	1.72	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-01	Instrumnet Name :	P7
Client Sample ID :	ME28W7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:11:32	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4198743	4156513	4137856	4164371	0.75	cps
Antimony	121-1	202780	206590	204644	204672	0.93	cps
Arsenic	75-2	8609	8616	8619	8615	0.06	cps
Barium	135-1	579369	593003	589499	587291	1.21	cps
Barium	137-1	1007616	1014385	1018479	1013493	0.54	cps
Beryllium	9-1	1977	1937	1907	1940	1.81	cps
Bismuth	209-1	10875102	10562152	10303667	10580307	2.70	cps
Bismuth	209-2	8682184	8693006	8537832	8637674	1.00	cps
Bromine	81-1	17244	17123	17647	17338	1.58	cps
Bromine	81-2	887	820	833	847	4.17	cps
Cadmium	108-1	270	247	257	258	4.54	cps
Cadmium	106-1	6041	5691	5451	5728	5.18	cps
Cadmium	111-1	6190	5941	5796	5976	3.33	cps
Calcium	43-1	1784853	1804777	1744855	1778162	1.72	cps
Calcium	44-1	28615197	28628139	28514520	28585952	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	285514	281417	279715	282215	1.06	cps
Cobalt	59-2	129926	129778	127802	129169	0.92	cps
Copper	63-2	218762	219878	217589	218743	0.52	cps
Dysprosium	156-1	58930	59746	59388	59355	0.69	cps
Dysprosium	156-2	49069	47891	48507	48489	1.21	cps
Erbium	164-1	53412	54292	53428	53711	0.94	cps
Erbium	164-2	37199	37009	36434	36881	1.08	cps
Gadolinium	160-1	59834	61106	60289	60409	1.07	cps
Gadolinium	160-2	44995	44373	44333	44567	0.83	cps
Holmium	165-1	17901319	17363895	17180929	17482048	2.14	cps
Holmium	165-2	12249521	12271596	11955665	12158928	1.45	cps
Indium	115-1	14131299	13642105	13452072	13741825	2.55	cps
Indium	115-2	4827391	4834100	4729713	4797068	1.22	cps
Iron	56-2	201706410	202051270	200869890	201542524	0.30	cps
Iron	57-2	5084310	4990558	5042264	5039044	0.93	cps
Iron	54-2	10913669	10998619	10866798	10926362	0.61	cps
Krypton	83-1	227	273	343	281	20.89	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-01	Instrumnet Name :	P7
Client Sample ID :	ME28W7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:11:32	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	762798	779738	774882	772473	1.13	cps
Lead	207-1	617058	627474	625999	623510	0.90	cps
Lead	208-1	2888050	2947917	2929349	2921772	1.05	cps
Lithium	6-1	2052749	2019021	1988122	2019964	1.60	cps
Magnesium	24-2	6050251	6098555	6009989	6052932	0.73	cps
Manganese	55-2	3818377	3743453	3730421	3764084	1.26	cps
Molybdenum	94-1	39456	40105	41611	40391	2.74	cps
Molybdenum	95-1	29560	29467	29326	29451	0.40	cps
Molybdenum	96-1	37438	36632	37555	37208	1.35	cps
Molybdenum	97-1	18679	18659	18896	18744	0.70	cps
Molybdenum	98-1	47584	47367	47005	47319	0.62	cps
Neodymium	150-1	90056	92450	91233	91246	1.31	cps
Neodymium	150-2	55094	53712	53648	54151	1.51	cps
Nickel	60-2	112165	115171	114701	114013	1.42	cps
Phosphorus	31-2	11878	11531	11431	11613	2.02	cps
Potassium	39-2	1312614	1389067	1316288	1339323	3.22	cps
Rhodium	103-1	13199928	12752337	12499426	12817231	2.77	cps
Rhodium	103-2	7522436	7494294	7402569	7473100	0.84	cps
Scandium	45-1	7643992	7344681	7185594	7391423	3.15	cps
Scandium	45-2	620164	619010	615896	618357	0.36	cps
Selenium	82-1	780	743	573	698	15.80	cps
Selenium	77-2	163	187	173	174	6.71	cps
Selenium	78-2	553	583	483	540	9.50	cps
Silicon	28-1	22017398	21800994	21977735	21932042	0.53	cps
Silver	107-1	3727	3854	3801	3794	1.68	cps
Silver	109-1	3440	3584	3417	3480	2.59	cps
Sodium	23-2	125160	123826	124300	124429	0.54	cps
Strontium	86-1	656621	653960	652054	654212	0.35	cps
Strontium	88-1	5746477	5773435	5826763	5782225	0.71	cps
Sulfur	34-1	221711	220115	218675	220167	0.69	cps
Terbium	159-1	18513577	17761521	17830019	18035039	2.31	cps
Terbium	159-2	11958264	11721917	11946284	11875488	1.12	cps
Thallium	203-1	5408	5351	5241	5333	1.59	cps
Thallium	205-1	12549	12493	12166	12402	1.67	cps
Tin	118-1	18071	19163	18368	18534	3.04	cps
Titanium	47-1	165079	167338	163553	165324	1.15	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-01	Instrumnet Name :	P7
Client Sample ID :	ME28W7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:11:32	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56191	56556	56282	56343	0.34	cps
Vanadium	51-2	179858	179579	177757	179065	0.64	cps
Yttrium	89-1	22507503	21390310	20974919	21624244	3.67	cps
Yttrium	89-2	5804246	5797073	5742803	5781374	0.58	cps
Zinc	66-2	214549	215749	211463	213920	1.03	cps
Zirconium	90-1	62961	62539	62378	62626	0.48	cps
Zirconium	91-1	13977	14401	14150	14176	1.50	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-02	Instrumnet Name :	P7
Client Sample ID :	ME28W8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:14:39	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4630460	4704883	4630488	4655277	0.92	cps
Antimony	121-1	12802	12996	13229	13009	1.64	cps
Arsenic	75-2	13403	13333	13209	13315	0.74	cps
Barium	135-1	724170	729141	732272	728528	0.56	cps
Barium	137-1	1246983	1267434	1262524	1258980	0.85	cps
Beryllium	9-1	2317	2447	2390	2385	2.73	cps
Bismuth	209-1	10396447	10339027	10339110	10358195	0.32	cps
Bismuth	209-2	8458350	8385259	8469193	8437601	0.54	cps
Bromine	81-1	18936	19903	20187	19675	3.34	cps
Bromine	81-2	1467	1413	1247	1376	8.34	cps
Cadmium	108-1	717	713	707	712	0.71	cps
Cadmium	106-1	6338	5961	6281	6194	3.28	cps
Cadmium	111-1	11901	11733	11985	11873	1.08	cps
Calcium	43-1	3639757	3578809	3631612	3616726	0.91	cps
Calcium	44-1	58320314	57639374	58218551	58059413	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1240613	1241703	1232832	1238383	0.39	cps
Cobalt	59-2	175280	174920	174262	174821	0.30	cps
Copper	63-2	375433	375173	373182	374596	0.33	cps
Dysprosium	156-1	69346	69769	69353	69489	0.35	cps
Dysprosium	156-2	55596	56647	56362	56202	0.97	cps
Erbium	164-1	62723	61883	62576	62394	0.72	cps
Erbium	164-2	44233	43233	43096	43521	1.43	cps
Gadolinium	160-1	69635	70208	70908	70250	0.91	cps
Gadolinium	160-2	51976	52374	52227	52192	0.39	cps
Holmium	165-1	17629328	17059574	17208475	17299126	1.71	cps
Holmium	165-2	11953587	11917539	12003418	11958182	0.36	cps
Indium	115-1	13541499	13206029	13248037	13331855	1.37	cps
Indium	115-2	4726800	4753623	4708643	4729689	0.48	cps
Iron	56-2	557601565	553896792	553599165	555032507	0.40	cps
Iron	57-2	13835714	13879677	13755165	13823519	0.46	cps
Iron	54-2	30112124	29894653	30068205	30024994	0.38	cps
Krypton	83-1	383	320	327	343	10.14	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-02	Instrumnet Name :	P7
Client Sample ID :	ME28W8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:14:39	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5363397	5434461	5402063	5399974	0.66	cps
Lead	207-1	4379986	4458061	4459215	4432421	1.02	cps
Lead	208-1	20310522	20713254	20590223	20538000	1.00	cps
Lithium	6-1	2032349	1974322	1972330	1993000	1.71	cps
Magnesium	24-2	9393798	9483185	9334824	9403935	0.79	cps
Manganese	55-2	14672954	14442919	14631646	14582507	0.84	cps
Molybdenum	94-1	60079	60601	60387	60356	0.43	cps
Molybdenum	95-1	66865	68459	68975	68100	1.62	cps
Molybdenum	96-1	82534	83031	82903	82823	0.31	cps
Molybdenum	97-1	43451	43408	43010	43290	0.56	cps
Molybdenum	98-1	107995	111975	109483	109818	1.83	cps
Neodymium	150-1	104812	107126	109128	107022	2.02	cps
Neodymium	150-2	64014	63894	64178	64029	0.22	cps
Nickel	60-2	333945	329746	334247	332646	0.76	cps
Phosphorus	31-2	15111	15224	15248	15194	0.48	cps
Potassium	39-2	1730500	1717399	1730060	1725986	0.43	cps
Rhodium	103-1	12367891	12135789	12295694	12266458	0.97	cps
Rhodium	103-2	7310913	7297597	7187292	7265267	0.93	cps
Scandium	45-1	7284687	7050233	7057759	7130893	1.87	cps
Scandium	45-2	600676	596220	592535	596477	0.68	cps
Selenium	82-1	693	764	724	727	4.88	cps
Selenium	77-2	180	210	240	210	14.29	cps
Selenium	78-2	583	557	587	576	2.86	cps
Silicon	28-1	26939587	27094447	27038735	27024256	0.29	cps
Silver	107-1	19984	19747	19797	19843	0.63	cps
Silver	109-1	18615	19059	19366	19014	1.99	cps
Sodium	23-2	190829	191795	189230	190618	0.68	cps
Strontium	86-1	817293	825966	819909	821056	0.54	cps
Strontium	88-1	7171715	7245391	7249501	7222202	0.61	cps
Sulfur	34-1	229936	226909	224894	227246	1.12	cps
Terbium	159-1	17799169	17588322	17470289	17619260	0.95	cps
Terbium	159-2	12009694	11705169	11598234	11771032	1.81	cps
Thallium	203-1	13140	13637	13096	13291	2.26	cps
Thallium	205-1	30771	32098	31754	31541	2.18	cps
Tin	118-1	58702	59823	59248	59258	0.95	cps
Titanium	47-1	318795	321166	319220	319727	0.40	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-02	Instrumnet Name :	P7
Client Sample ID :	ME28W8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:14:39	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	69159	70810	71250	70406	1.57	cps
Vanadium	51-2	233124	230473	229824	231140	0.76	cps
Yttrium	89-1	21581451	20995313	21021771	21199512	1.56	cps
Yttrium	89-2	5635308	5659353	5544766	5613143	1.08	cps
Zinc	66-2	1110033	1103834	1098519	1104129	0.52	cps
Zirconium	90-1	56421	56769	60522	57904	3.93	cps
Zirconium	91-1	12452	12652	12419	12508	1.01	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-03	Instrumnet Name :	P7
Client Sample ID :	ME28W9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:17:43	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3891929	3888729	3856155	3878937	0.51	cps
Antimony	121-1	12742	12933	12873	12849	0.76	cps
Arsenic	75-2	10777	10534	10837	10716	1.50	cps
Barium	135-1	564333	569543	568179	567351	0.48	cps
Barium	137-1	978407	987864	981259	982510	0.49	cps
Beryllium	9-1	1667	1503	1630	1600	5.36	cps
Bismuth	209-1	10504794	10320192	10419215	10414734	0.89	cps
Bismuth	209-2	8554856	8459745	8538706	8517769	0.60	cps
Bromine	81-1	17357	17420	17561	17446	0.60	cps
Bromine	81-2	860	917	853	877	3.97	cps
Cadmium	108-1	303	320	277	300	7.29	cps
Cadmium	106-1	6025	5698	5324	5682	6.17	cps
Cadmium	111-1	7349	7185	6850	7128	3.56	cps
Calcium	43-1	2210692	2164036	2134764	2169831	1.76	cps
Calcium	44-1	35232659	34532090	34332824	34699191	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231455	230336	232956	231582	0.57	cps
Cobalt	59-2	150199	149701	149826	149909	0.17	cps
Copper	63-2	317978	317197	319183	318119	0.31	cps
Dysprosium	156-1	69397	68915	69782	69365	0.63	cps
Dysprosium	156-2	55800	56192	55763	55918	0.42	cps
Erbium	164-1	59573	59566	60406	59848	0.81	cps
Erbium	164-2	41394	41602	41498	41498	0.25	cps
Gadolinium	160-1	68211	67776	68687	68225	0.67	cps
Gadolinium	160-2	50557	50300	50541	50466	0.29	cps
Holmium	165-1	17372493	17274604	17060966	17236021	0.92	cps
Holmium	165-2	12047339	11847616	12024978	11973311	0.91	cps
Indium	115-1	13215878	13391795	13240141	13282605	0.72	cps
Indium	115-2	4750495	4723441	4723270	4732402	0.33	cps
Iron	56-2	200386710	199309204	198671957	199455957	0.43	cps
Iron	57-2	5026102	4972249	4907754	4968701	1.19	cps
Iron	54-2	10775049	10804470	10745763	10775094	0.27	cps
Krypton	83-1	327	320	283	310	7.53	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-03	Instrumnet Name :	P7
Client Sample ID :	ME28W9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:17:43	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1042647	1054017	1055620	1050762	0.67	cps
Lead	207-1	853430	860802	860734	858322	0.49	cps
Lead	208-1	4053928	4055167	4065885	4058327	0.16	cps
Lithium	6-1	2003497	1999532	1993725	1998918	0.25	cps
Magnesium	24-2	13321772	13135804	13224943	13227506	0.70	cps
Manganese	55-2	4322463	4239785	4242493	4268247	1.10	cps
Molybdenum	94-1	28144	27399	28391	27978	1.85	cps
Molybdenum	95-1	20374	20444	20341	20386	0.26	cps
Molybdenum	96-1	26708	26992	27279	26993	1.06	cps
Molybdenum	97-1	12669	12742	12906	12772	0.95	cps
Molybdenum	98-1	32459	33391	32847	32899	1.42	cps
Neodymium	150-1	106239	107603	107731	107191	0.77	cps
Neodymium	150-2	63164	61701	62247	62371	1.19	cps
Nickel	60-2	106464	106095	105628	106062	0.39	cps
Phosphorus	31-2	16713	17106	16562	16794	1.67	cps
Potassium	39-2	1327000	1295815	1311820	1311545	1.19	cps
Rhodium	103-1	12419632	12230953	12220250	12290278	0.91	cps
Rhodium	103-2	7264946	7296930	7295649	7285842	0.25	cps
Scandium	45-1	7026297	7011961	6944357	6994205	0.63	cps
Scandium	45-2	592299	582839	585130	586756	0.84	cps
Selenium	82-1	701	678	685	688	1.71	cps
Selenium	77-2	227	213	210	217	4.07	cps
Selenium	78-2	577	470	470	506	12.18	cps
Silicon	28-1	21346304	22515322	21183614	21681747	3.35	cps
Silver	107-1	4954	4511	4944	4803	5.27	cps
Silver	109-1	4577	4504	4687	4590	2.01	cps
Sodium	23-2	158462	156735	156714	157304	0.64	cps
Strontium	86-1	303183	305036	305021	304414	0.35	cps
Strontium	88-1	2694417	2657932	2706646	2686332	0.94	cps
Sulfur	34-1	243753	241969	245057	243593	0.64	cps
Terbium	159-1	17769257	17576211	17304714	17550061	1.33	cps
Terbium	159-2	11870856	11833509	11697169	11800512	0.77	cps
Thallium	203-1	5421	5471	5331	5408	1.31	cps
Thallium	205-1	12649	12599	12639	12629	0.21	cps
Tin	118-1	31418	31601	32363	31794	1.58	cps
Titanium	47-1	324663	325481	323039	324394	0.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-03	Instrumnet Name :	P7
Client Sample ID :	ME28W9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:17:43	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54571	55371	54973	54972	0.73	cps
Vanadium	51-2	196884	195854	195688	196142	0.33	cps
Yttrium	89-1	21015169	20797880	20990732	20934594	0.57	cps
Yttrium	89-2	5647062	5530567	5566742	5581457	1.07	cps
Zinc	66-2	216195	213873	212368	214145	0.90	cps
Zirconium	90-1	43982	44430	44186	44200	0.51	cps
Zirconium	91-1	10050	10374	9680	10035	3.46	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-07	Instrumnet Name :	P7
Client Sample ID :	ME28X1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:20:50	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3517584	3525673	3461941	3501732	0.99	cps
Antimony	121-1	11962	12372	12469	12268	2.19	cps
Arsenic	75-2	8513	8449	8729	8564	1.72	cps
Barium	135-1	573754	583051	581334	579380	0.85	cps
Barium	137-1	996911	1011512	1009208	1005877	0.78	cps
Beryllium	9-1	1727	1687	1607	1673	3.65	cps
Bismuth	209-1	10492640	10372971	10261835	10375815	1.11	cps
Bismuth	209-2	8457476	8428735	8601142	8495784	1.09	cps
Bromine	81-1	16786	17010	17280	17025	1.45	cps
Bromine	81-2	800	827	830	819	2.01	cps
Cadmium	108-1	360	290	310	320	11.27	cps
Cadmium	106-1	5985	5421	5598	5668	5.09	cps
Cadmium	111-1	7191	6956	7012	7053	1.74	cps
Calcium	43-1	3349200	3305637	3277581	3310806	1.09	cps
Calcium	44-1	53198819	53437701	53439266	53358595	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231392	231526	230355	231091	0.28	cps
Cobalt	59-2	119807	119609	119192	119536	0.26	cps
Copper	63-2	300036	298058	295768	297954	0.72	cps
Dysprosium	156-1	58153	57822	57798	57924	0.34	cps
Dysprosium	156-2	47824	48206	46560	47530	1.81	cps
Erbium	164-1	50193	50732	50434	50453	0.53	cps
Erbium	164-2	35124	34566	34235	34642	1.30	cps
Gadolinium	160-1	56112	57340	55419	56290	1.73	cps
Gadolinium	160-2	42003	41090	41648	41580	1.11	cps
Holmium	165-1	17317477	17200583	17082278	17200113	0.68	cps
Holmium	165-2	11957152	11995679	12028257	11993696	0.30	cps
Indium	115-1	13490752	13258050	13007353	13252052	1.82	cps
Indium	115-2	4689530	4677890	4695579	4687666	0.19	cps
Iron	56-2	176659844	176476371	176372224	176502813	0.08	cps
Iron	57-2	4460890	4497570	4404753	4454404	1.05	cps
Iron	54-2	9616426	9551254	9496274	9554651	0.63	cps
Krypton	83-1	303	290	237	277	12.75	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-07	Instrumnet Name :	P7
Client Sample ID :	ME28X1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:20:50	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1645315	1656654	1648704	1650224	0.35	cps
Lead	207-1	1339370	1338591	1339554	1339172	0.04	cps
Lead	208-1	6365862	6423254	6371190	6386769	0.50	cps
Lithium	6-1	2020725	1975458	1988326	1994836	1.17	cps
Magnesium	24-2	14304852	14318373	14304683	14309303	0.05	cps
Manganese	55-2	4977713	4991673	4961508	4976965	0.30	cps
Molybdenum	94-1	29062	28544	28057	28555	1.76	cps
Molybdenum	95-1	18121	18248	18559	18309	1.23	cps
Molybdenum	96-1	24060	24567	24491	24373	1.12	cps
Molybdenum	97-1	11288	11375	11258	11307	0.54	cps
Molybdenum	98-1	29152	29884	28788	29275	1.91	cps
Neodymium	150-1	90189	90032	89374	89865	0.48	cps
Neodymium	150-2	53682	53203	52323	53069	1.30	cps
Nickel	60-2	90280	89740	89505	89841	0.44	cps
Phosphorus	31-2	12152	11851	11851	11951	1.45	cps
Potassium	39-2	1211532	1222650	1218487	1217556	0.46	cps
Rhodium	103-1	12268411	12004008	12013412	12095277	1.24	cps
Rhodium	103-2	7173940	7320072	7269297	7254436	1.02	cps
Scandium	45-1	7071324	7007617	6831727	6970222	1.78	cps
Scandium	45-2	585681	587920	591292	588298	0.48	cps
Selenium	82-1	649	635	712	665	6.16	cps
Selenium	77-2	177	177	160	171	5.62	cps
Selenium	78-2	580	520	530	543	5.92	cps
Silicon	28-1	23541257	23593066	23443602	23525975	0.32	cps
Silver	107-1	5935	6028	5891	5951	1.17	cps
Silver	109-1	5471	5354	5594	5473	2.19	cps
Sodium	23-2	173899	174547	173121	173856	0.41	cps
Strontium	86-1	441475	443424	441548	442149	0.25	cps
Strontium	88-1	3874388	3858736	3882842	3871989	0.32	cps
Sulfur	34-1	244282	242284	244265	243610	0.47	cps
Terbium	159-1	17890726	17680066	17484072	17684954	1.15	cps
Terbium	159-2	11620428	11733371	11821868	11725222	0.86	cps
Thallium	203-1	5411	5198	5208	5272	2.28	cps
Thallium	205-1	12553	12346	12416	12438	0.85	cps
Tin	118-1	31982	32981	31621	32195	2.19	cps
Titanium	47-1	371420	374439	372395	372751	0.41	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-07	Instrumnet Name :	P7
Client Sample ID :	ME28X1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:20:50	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48391	48562	48602	48518	0.23	cps
Vanadium	51-2	163229	164816	163602	163883	0.51	cps
Yttrium	89-1	20833336	20427335	20523207	20594626	1.03	cps
Yttrium	89-2	5465474	5584592	5539322	5529796	1.09	cps
Zinc	66-2	273101	274773	276071	274649	0.54	cps
Zirconium	90-1	47724	48487	48697	48303	1.06	cps
Zirconium	91-1	10777	10881	10517	10725	1.75	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-08	Instrumnet Name :	P7
Client Sample ID :	ME28X2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:23:58	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3697369	3685398	3714146	3698971	0.39	cps
Antimony	121-1	12832	13199	12706	12913	1.99	cps
Arsenic	75-2	12639	12659	12689	12662	0.20	cps
Barium	135-1	655714	656847	652168	654910	0.37	cps
Barium	137-1	1128317	1145126	1133124	1135522	0.76	cps
Beryllium	9-1	1683	1673	1660	1672	0.70	cps
Bismuth	209-1	10389246	10003891	10334490	10242542	2.04	cps
Bismuth	209-2	8393896	8456332	8481223	8443817	0.53	cps
Bromine	81-1	16966	17187	16970	17041	0.74	cps
Bromine	81-2	807	753	897	819	8.85	cps
Cadmium	108-1	310	303	290	301	3.38	cps
Cadmium	106-1	5695	5051	5654	5467	6.60	cps
Cadmium	111-1	6900	6530	6896	6775	3.13	cps
Calcium	43-1	3245783	3273488	3260304	3259859	0.43	cps
Calcium	44-1	52049986	51945269	52005281	52000179	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212827	211095	211468	211797	0.43	cps
Cobalt	59-2	138532	137539	136595	137555	0.70	cps
Copper	63-2	295383	296451	296275	296036	0.19	cps
Dysprosium	156-1	65231	65023	63841	64698	1.16	cps
Dysprosium	156-2	52032	52404	52742	52393	0.68	cps
Erbium	164-1	54894	56483	55436	55604	1.45	cps
Erbium	164-2	38500	39787	38456	38914	1.94	cps
Gadolinium	160-1	63138	63968	64373	63826	0.99	cps
Gadolinium	160-2	46654	47099	46634	46796	0.56	cps
Holmium	165-1	17269476	16356092	17117545	16914371	2.89	cps
Holmium	165-2	11893005	11893977	11866412	11884465	0.13	cps
Indium	115-1	13243344	12755896	13074030	13024423	1.90	cps
Indium	115-2	4731255	4741845	4652731	4708610	1.03	cps
Iron	56-2	185739504	185164004	184135217	185012908	0.44	cps
Iron	57-2	4677545	4578748	4679569	4645287	1.24	cps
Iron	54-2	10085489	10003354	9975103	10021315	0.57	cps
Krypton	83-1	330	313	257	300	12.81	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-08	Instrumnet Name :	P7
Client Sample ID :	ME28X2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:23:58	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1478097	1476246	1490407	1481584	0.52	cps
Lead	207-1	1196881	1214235	1197422	1202846	0.82	cps
Lead	208-1	5729034	5704806	5755985	5729941	0.45	cps
Lithium	6-1	1961316	1945534	2023103	1976651	2.07	cps
Magnesium	24-2	16122534	15985052	16081413	16063000	0.44	cps
Manganese	55-2	5046647	5041834	4974014	5020832	0.81	cps
Molybdenum	94-1	26711	27108	26384	26734	1.36	cps
Molybdenum	95-1	19089	19079	18909	19026	0.53	cps
Molybdenum	96-1	25062	24891	25198	25050	0.61	cps
Molybdenum	97-1	12245	11945	11855	12015	1.70	cps
Molybdenum	98-1	31080	30873	30311	30755	1.29	cps
Neodymium	150-1	101314	102757	100387	101486	1.18	cps
Neodymium	150-2	60224	60315	60047	60195	0.23	cps
Nickel	60-2	97081	96695	96102	96626	0.51	cps
Phosphorus	31-2	12539	12492	12745	12592	1.07	cps
Potassium	39-2	1364226	1350612	1335954	1350264	1.05	cps
Rhodium	103-1	12112313	11553365	12176441	11947373	2.87	cps
Rhodium	103-2	7322967	7292562	7232505	7282678	0.63	cps
Scandium	45-1	6940952	6690199	6858367	6829839	1.87	cps
Scandium	45-2	592606	593976	588161	591581	0.51	cps
Selenium	82-1	654	640	661	651	1.64	cps
Selenium	77-2	140	177	157	158	11.64	cps
Selenium	78-2	573	567	560	567	1.18	cps
Silicon	28-1	14220724	14089071	13912409	14074068	1.10	cps
Silver	107-1	5541	5374	5528	5481	1.69	cps
Silver	109-1	5204	5321	5011	5179	3.02	cps
Sodium	23-2	173919	174142	172787	173616	0.42	cps
Strontium	86-1	744672	755097	746824	748865	0.73	cps
Strontium	88-1	6609014	6673766	6589707	6624162	0.66	cps
Sulfur	34-1	252269	252896	250984	252050	0.39	cps
Terbium	159-1	17601766	16919654	17686807	17402742	2.42	cps
Terbium	159-2	11804987	11756167	11599849	11720334	0.91	cps
Thallium	203-1	6028	5978	5998	6001	0.42	cps
Thallium	205-1	13827	14051	14081	13986	0.99	cps
Tin	118-1	35263	35437	36142	35614	1.31	cps
Titanium	47-1	401818	404972	402332	403041	0.42	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-08	Instrumnet Name :	P7
Client Sample ID :	ME28X2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:23:58	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47719	48548	47759	48008	0.97	cps
Vanadium	51-2	178262	178870	178374	178502	0.18	cps
Yttrium	89-1	20907624	19916691	20809372	20544562	2.66	cps
Yttrium	89-2	5595955	5588831	5516238	5567008	0.79	cps
Zinc	66-2	256396	257083	258023	257167	0.32	cps
Zirconium	90-1	43671	43655	43096	43474	0.75	cps
Zirconium	91-1	9790	10170	9650	9870	2.73	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-09	Instrumnet Name :	P7
Client Sample ID :	ME28X3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:27:05	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3297817	3270771	3285669	3284752	0.41	cps
Antimony	121-1	12959	13383	13240	13194	1.63	cps
Arsenic	75-2	9506	9647	9617	9590	0.77	cps
Barium	135-1	464796	468652	468645	467364	0.48	cps
Barium	137-1	813259	814505	814362	814042	0.08	cps
Beryllium	9-1	1403	1307	1303	1338	4.25	cps
Bismuth	209-1	10444793	10262543	10329100	10345479	0.89	cps
Bismuth	209-2	8484574	8480890	8321283	8428915	1.11	cps
Bromine	81-1	16967	17097	16790	16951	0.91	cps
Bromine	81-2	830	720	900	817	11.11	cps
Cadmium	108-1	250	237	190	226	13.97	cps
Cadmium	106-1	5751	5621	5394	5589	3.23	cps
Cadmium	111-1	6238	6329	6407	6325	1.34	cps
Calcium	43-1	2976704	3010555	3018403	3001887	0.74	cps
Calcium	44-1	48170041	48524021	48897299	48530454	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	160972	159736	159342	160016	0.53	cps
Cobalt	59-2	129025	127452	129066	128514	0.72	cps
Copper	63-2	246463	243022	246112	245199	0.77	cps
Dysprosium	156-1	59733	60516	59743	59997	0.75	cps
Dysprosium	156-2	48510	48721	48664	48632	0.22	cps
Erbium	164-1	52013	51882	51558	51818	0.45	cps
Erbium	164-2	36832	37126	37256	37071	0.59	cps
Gadolinium	160-1	59435	60078	60108	59874	0.63	cps
Gadolinium	160-2	43775	43537	44169	43827	0.73	cps
Holmium	165-1	17399219	17291875	17256247	17315780	0.43	cps
Holmium	165-2	11996879	12014513	11933762	11981718	0.35	cps
Indium	115-1	13339751	13353333	13227965	13307017	0.52	cps
Indium	115-2	4688556	4649628	4756483	4698222	1.15	cps
Iron	56-2	166614618	167462068	166130421	166735702	0.40	cps
Iron	57-2	4181980	4187209	4151450	4173547	0.46	cps
Iron	54-2	9031897	9038956	8951785	9007546	0.54	cps
Krypton	83-1	320	243	290	284	13.58	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-09	Instrumnet Name :	P7
Client Sample ID :	ME28X3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:27:05	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1290993	1302627	1306052	1299891	0.61	cps
Lead	207-1	1041199	1045668	1050371	1045746	0.44	cps
Lead	208-1	4974358	5026662	5010975	5003999	0.54	cps
Lithium	6-1	2002918	2015196	1957416	1991843	1.53	cps
Magnesium	24-2	15295897	15153912	15295974	15248594	0.54	cps
Manganese	55-2	4222528	4213118	4224911	4220186	0.15	cps
Molybdenum	94-1	27579	27883	26664	27376	2.32	cps
Molybdenum	95-1	20608	20575	20331	20504	0.74	cps
Molybdenum	96-1	26661	26320	25950	26310	1.35	cps
Molybdenum	97-1	12769	13069	13233	13024	1.81	cps
Molybdenum	98-1	32626	32877	33245	32916	0.94	cps
Neodymium	150-1	92645	93413	92283	92780	0.62	cps
Neodymium	150-2	55241	54274	54729	54748	0.88	cps
Nickel	60-2	87905	85237	85163	86102	1.81	cps
Phosphorus	31-2	11981	11871	11788	11880	0.82	cps
Potassium	39-2	1163783	1167607	1170851	1167413	0.30	cps
Rhodium	103-1	12337802	12099786	12020360	12152649	1.36	cps
Rhodium	103-2	7298527	7229786	7220557	7249623	0.59	cps
Scandium	45-1	7038784	6987745	7030768	7019099	0.39	cps
Scandium	45-2	596767	593029	593399	594398	0.35	cps
Selenium	82-1	712	781	646	713	9.51	cps
Selenium	77-2	133	183	133	150	19.24	cps
Selenium	78-2	610	523	573	569	7.65	cps
Silicon	28-1	19431816	19423817	19362143	19405926	0.20	cps
Silver	107-1	3207	3320	3287	3272	1.78	cps
Silver	109-1	3140	3137	3057	3111	1.52	cps
Sodium	23-2	161978	160739	162712	161810	0.62	cps
Strontium	86-1	393536	397973	397836	396448	0.64	cps
Strontium	88-1	3477776	3485107	3486600	3483161	0.14	cps
Sulfur	34-1	262552	261429	262239	262074	0.22	cps
Terbium	159-1	17779772	17513890	17419272	17570978	1.06	cps
Terbium	159-2	11842241	11678636	11658845	11726574	0.86	cps
Thallium	203-1	5101	5068	5044	5071	0.56	cps
Thallium	205-1	11562	12432	11999	11998	3.63	cps
Tin	118-1	22661	22307	22451	22473	0.79	cps
Titanium	47-1	312267	313277	312216	312587	0.19	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-09	Instrumnet Name :	P7
Client Sample ID :	ME28X3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:27:05	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50121	50756	51563	50813	1.42	cps
Vanadium	51-2	155666	158584	157165	157138	0.93	cps
Yttrium	89-1	21033443	20873993	20764982	20890806	0.65	cps
Yttrium	89-2	5612403	5560857	5543348	5572203	0.64	cps
Zinc	66-2	256826	253881	255147	255285	0.58	cps
Zirconium	90-1	43217	43023	43157	43132	0.23	cps
Zirconium	91-1	9590	9670	9466	9575	1.07	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-10	Instrumnet Name :	P7
Client Sample ID :	ME28X4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:30:15	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4145278	4158352	4120684	4141438	0.46	cps
Antimony	121-1	9453	9620	9643	9572	1.08	cps
Arsenic	75-2	13016	12575	12605	12732	1.93	cps
Barium	135-1	606909	613948	609356	610071	0.59	cps
Barium	137-1	1059770	1071498	1065746	1065671	0.55	cps
Beryllium	9-1	1667	1700	1677	1681	1.02	cps
Bismuth	209-1	10608397	10491225	10314136	10471252	1.41	cps
Bismuth	209-2	8445572	8478684	8470026	8464761	0.20	cps
Bromine	81-1	16539	16229	16563	16444	1.13	cps
Bromine	81-2	800	753	707	753	6.19	cps
Cadmium	108-1	257	210	260	242	11.54	cps
Cadmium	106-1	5584	5511	5554	5550	0.66	cps
Cadmium	111-1	6553	6748	6500	6600	1.98	cps
Calcium	43-1	2604761	2599088	2616486	2606778	0.34	cps
Calcium	44-1	41605558	42264439	41864764	41911587	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236801	236128	234989	235973	0.39	cps
Cobalt	59-2	165272	165629	164794	165231	0.25	cps
Copper	63-2	293292	291408	293963	292888	0.45	cps
Dysprosium	156-1	74580	75280	76051	75304	0.98	cps
Dysprosium	156-2	61631	60309	60382	60774	1.22	cps
Erbium	164-1	63517	64578	64357	64151	0.87	cps
Erbium	164-2	45511	45183	45256	45317	0.38	cps
Gadolinium	160-1	74302	74835	74128	74422	0.49	cps
Gadolinium	160-2	55024	54131	53960	54372	1.05	cps
Holmium	165-1	17688253	17230054	17265168	17394492	1.47	cps
Holmium	165-2	11994173	11958067	11950690	11967643	0.19	cps
Indium	115-1	13325558	13278430	12983992	13195994	1.40	cps
Indium	115-2	4642696	4622765	4663762	4643074	0.44	cps
Iron	56-2	210175717	210396690	211686857	210753088	0.39	cps
Iron	57-2	5246819	5253321	5241545	5247228	0.11	cps
Iron	54-2	11337214	11382823	11319400	11346479	0.29	cps
Krypton	83-1	343	303	303	317	7.29	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-10	Instrumnet Name :	P7
Client Sample ID :	ME28X4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:30:15	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	841766	851903	858482	850717	0.99	cps
Lead	207-1	682541	696787	693729	691019	1.09	cps
Lead	208-1	3216485	3273732	3272684	3254300	1.01	cps
Lithium	6-1	2040631	2061684	1980954	2027757	2.07	cps
Magnesium	24-2	16663237	16708835	16615336	16662470	0.28	cps
Manganese	55-2	4927877	4998282	4916888	4947682	0.89	cps
Molybdenum	94-1	32092	33248	32914	32751	1.82	cps
Molybdenum	95-1	21175	21870	21245	21430	1.78	cps
Molybdenum	96-1	28869	28798	29550	29072	1.43	cps
Molybdenum	97-1	13303	13853	13613	13590	2.03	cps
Molybdenum	98-1	34932	34788	35145	34955	0.51	cps
Neodymium	150-1	115522	118480	116080	116694	1.35	cps
Neodymium	150-2	68445	68860	68421	68575	0.36	cps
Nickel	60-2	123802	124390	123184	123792	0.49	cps
Phosphorus	31-2	14447	14424	14070	14313	1.48	cps
Potassium	39-2	1474914	1447302	1472011	1464742	1.04	cps
Rhodium	103-1	12401122	12070556	11996657	12156112	1.77	cps
Rhodium	103-2	7302650	7255401	7191467	7249840	0.77	cps
Scandium	45-1	7146565	6976477	6885751	7002931	1.89	cps
Scandium	45-2	587052	590141	588662	588618	0.26	cps
Selenium	82-1	684	697	668	683	2.08	cps
Selenium	77-2	220	137	197	184	23.31	cps
Selenium	78-2	550	517	557	541	3.96	cps
Silicon	28-1	20961410	21118328	21409885	21163208	1.08	cps
Silver	107-1	5621	6055	5711	5796	3.95	cps
Silver	109-1	5534	5258	5418	5403	2.57	cps
Sodium	23-2	184872	186272	186730	185958	0.52	cps
Strontium	86-1	369877	377666	378577	375373	1.27	cps
Strontium	88-1	3288286	3314790	3297730	3300269	0.41	cps
Sulfur	34-1	254820	252875	254034	253910	0.39	cps
Terbium	159-1	17786063	17500295	17485161	17590506	0.96	cps
Terbium	159-2	11697470	11629910	11520140	11615840	0.77	cps
Thallium	203-1	6652	6452	6508	6537	1.58	cps
Thallium	205-1	14798	15429	15566	15264	2.68	cps
Tin	118-1	21116	21529	21817	21487	1.64	cps
Titanium	47-1	353207	357722	355692	355541	0.64	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-10	Instrumnet Name :	P7
Client Sample ID :	ME28X4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:30:15	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60018	62322	62087	61476	2.06	cps
Vanadium	51-2	196013	197606	197357	196992	0.44	cps
Yttrium	89-1	21468788	20986608	20838536	21097977	1.56	cps
Yttrium	89-2	5505267	5522368	5535295	5520977	0.27	cps
Zinc	66-2	227974	226482	224698	226385	0.72	cps
Zirconium	90-1	54046	55802	55792	55213	1.83	cps
Zirconium	91-1	12375	12282	12269	12309	0.47	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-11	Instrumnet Name :	P7
Client Sample ID :	ME28X5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:33:24	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4536169	4541698	4564617	4547495	0.33	cps
Antimony	121-1	10557	10464	10381	10467	0.84	cps
Arsenic	75-2	14310	14140	14404	14285	0.94	cps
Barium	135-1	691764	686263	686023	688017	0.47	cps
Barium	137-1	1190615	1203727	1184492	1192945	0.82	cps
Beryllium	9-1	1867	1853	1787	1836	2.33	cps
Bismuth	209-1	10508520	10313740	10279525	10367262	1.19	cps
Bismuth	209-2	8387444	8370233	8440806	8399494	0.44	cps
Bromine	81-1	16182	17020	16773	16658	2.58	cps
Bromine	81-2	903	823	840	856	4.93	cps
Cadmium	108-1	283	250	303	279	9.66	cps
Cadmium	106-1	5881	5654	5434	5657	3.95	cps
Cadmium	111-1	7262	7297	7069	7209	1.70	cps
Calcium	43-1	3087902	3093643	3021632	3067725	1.30	cps
Calcium	44-1	49607468	49627856	49289074	49508133	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	530703	534136	532154	532331	0.32	cps
Cobalt	59-2	182367	182228	182184	182260	0.05	cps
Copper	63-2	313684	314165	316268	314706	0.44	cps
Dysprosium	156-1	84576	84639	83808	84341	0.55	cps
Dysprosium	156-2	68114	68167	67742	68008	0.34	cps
Erbium	164-1	73190	72969	72115	72758	0.78	cps
Erbium	164-2	50591	50494	51354	50813	0.93	cps
Gadolinium	160-1	83497	83711	83869	83692	0.22	cps
Gadolinium	160-2	60865	61547	61200	61204	0.56	cps
Holmium	165-1	17250547	17094421	17209924	17184964	0.47	cps
Holmium	165-2	11812197	11690613	11908999	11803936	0.93	cps
Indium	115-1	13244662	13215798	13092082	13184180	0.61	cps
Indium	115-2	4665012	4610020	4621784	4632272	0.63	cps
Iron	56-2	247242670	247739356	244121430	246367819	0.80	cps
Iron	57-2	6151387	6154700	6180461	6162183	0.26	cps
Iron	54-2	13369352	13444291	13287734	13367125	0.59	cps
Krypton	83-1	267	347	297	303	13.32	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-11	Instrumnet Name :	P7
Client Sample ID :	ME28X5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:33:24	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1144543	1157095	1151881	1151173	0.55	cps
Lead	207-1	933083	936087	933307	934159	0.18	cps
Lead	208-1	4449807	4448937	4434443	4444396	0.19	cps
Lithium	6-1	2005125	2027453	2013857	2015478	0.56	cps
Magnesium	24-2	18975543	19021311	18833585	18943480	0.52	cps
Manganese	55-2	6936497	6991023	6968256	6965259	0.39	cps
Molybdenum	94-1	38226	38628	38243	38366	0.59	cps
Molybdenum	95-1	25001	25893	25556	25483	1.77	cps
Molybdenum	96-1	33792	34885	34020	34232	1.68	cps
Molybdenum	97-1	16706	16129	16086	16307	2.12	cps
Molybdenum	98-1	42131	41562	41566	41753	0.78	cps
Neodymium	150-1	131288	130891	130184	130788	0.43	cps
Neodymium	150-2	75739	77129	76851	76573	0.96	cps
Nickel	60-2	132579	130360	131527	131489	0.84	cps
Phosphorus	31-2	16816	16185	16252	16418	2.11	cps
Potassium	39-2	1594765	1573463	1562438	1576889	1.04	cps
Rhodium	103-1	12160667	12066258	12000236	12075720	0.67	cps
Rhodium	103-2	7210521	7147587	7195661	7184590	0.46	cps
Scandium	45-1	6998143	6940770	6957811	6965574	0.42	cps
Scandium	45-2	586616	579061	581489	582389	0.66	cps
Selenium	82-1	784	578	748	703	15.63	cps
Selenium	77-2	183	233	200	206	12.39	cps
Selenium	78-2	590	563	497	550	8.74	cps
Silicon	28-1	20534000	20465593	20180328	20393307	0.92	cps
Silver	107-1	7135	7149	6995	7093	1.20	cps
Silver	109-1	6485	6595	6458	6513	1.11	cps
Sodium	23-2	188340	186315	187402	187353	0.54	cps
Strontium	86-1	431449	436264	433090	433601	0.56	cps
Strontium	88-1	3846424	3844830	3770181	3820478	1.14	cps
Sulfur	34-1	263077	263091	258793	261654	0.95	cps
Terbium	159-1	17574201	17397078	17375710	17448996	0.62	cps
Terbium	159-2	11734141	11613311	11547235	11631563	0.81	cps
Thallium	203-1	7172	7342	7432	7315	1.81	cps
Thallium	205-1	17762	17201	17511	17491	1.61	cps
Tin	118-1	20648	20902	20758	20769	0.61	cps
Titanium	47-1	398193	394451	394068	395571	0.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-11	Instrumnet Name :	P7
Client Sample ID :	ME28X5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:33:24	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	72013	70760	70506	71093	1.14	cps
Vanadium	51-2	234169	232793	235497	234153	0.58	cps
Yttrium	89-1	20978391	20857104	20848970	20894822	0.35	cps
Yttrium	89-2	5585636	5515276	5554010	5551641	0.63	cps
Zinc	66-2	268067	264579	267031	266559	0.67	cps
Zirconium	90-1	64062	63450	63058	63523	0.80	cps
Zirconium	91-1	14137	14511	14043	14230	1.74	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-12	Instrumnet Name :	P7
Client Sample ID :	ME28X6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:36:33	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4050728	4045118	4048808	4048218	0.07	cps
Antimony	121-1	7155	7125	7085	7122	0.49	cps
Arsenic	75-2	14017	14327	14090	14145	1.15	cps
Barium	135-1	454956	453121	456636	454904	0.39	cps
Barium	137-1	783728	789171	782403	785101	0.46	cps
Beryllium	9-1	1560	1610	1640	1603	2.52	cps
Bismuth	209-1	10091530	10208931	10282668	10194376	0.95	cps
Bismuth	209-2	8301573	8287963	8378932	8322823	0.59	cps
Bromine	81-1	17020	16596	16369	16662	1.98	cps
Bromine	81-2	840	913	817	857	5.89	cps
Cadmium	108-1	300	333	273	302	9.95	cps
Cadmium	106-1	6081	5611	5558	5750	5.01	cps
Cadmium	111-1	6064	5621	5579	5755	4.66	cps
Calcium	43-1	6308398	6317813	6303873	6310028	0.11	cps
Calcium	44-1	101591962	101487508	102233408	101770960	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174405	172285	174223	173638	0.68	cps
Cobalt	59-2	184806	183986	184232	184341	0.23	cps
Copper	63-2	292051	291606	290449	291369	0.28	cps
Dysprosium	156-1	85803	85639	84774	85405	0.65	cps
Dysprosium	156-2	68583	68650	69102	68778	0.41	cps
Erbium	164-1	77771	77500	77372	77548	0.26	cps
Erbium	164-2	53653	53773	53827	53751	0.17	cps
Gadolinium	160-1	87444	87414	87632	87496	0.14	cps
Gadolinium	160-2	63761	62904	63142	63269	0.70	cps
Holmium	165-1	17337588	17093811	16898454	17109951	1.29	cps
Holmium	165-2	11840296	11838027	11634873	11771065	1.00	cps
Indium	115-1	13245793	13054195	13226756	13175581	0.80	cps
Indium	115-2	4619951	4648332	4640638	4636307	0.32	cps
Iron	56-2	232076497	232507897	232351777	232312057	0.09	cps
Iron	57-2	5921577	5916961	5857297	5898611	0.61	cps
Iron	54-2	12701988	12503306	12519934	12575076	0.88	cps
Krypton	83-1	373	377	327	359	7.79	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-12	Instrumnet Name :	P7
Client Sample ID :	ME28X6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:36:33	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	424961	426889	426382	426077	0.23	cps
Lead	207-1	341139	347302	342521	343654	0.94	cps
Lead	208-1	1608101	1613428	1606731	1609420	0.22	cps
Lithium	6-1	2035231	2007204	1947923	1996786	2.23	cps
Magnesium	24-2	13143039	13073796	12991698	13069511	0.58	cps
Manganese	55-2	4973518	5000944	4918389	4964284	0.85	cps
Molybdenum	94-1	85769	85702	86222	85898	0.33	cps
Molybdenum	95-1	79642	79565	79484	79563	0.10	cps
Molybdenum	96-1	94275	94197	94895	94456	0.41	cps
Molybdenum	97-1	50089	49406	50059	49851	0.77	cps
Molybdenum	98-1	127591	129155	126637	127795	0.99	cps
Neodymium	150-1	129269	129505	129599	129458	0.13	cps
Neodymium	150-2	76861	75822	75430	76038	0.97	cps
Nickel	60-2	122099	122536	121517	122051	0.42	cps
Phosphorus	31-2	15037	14710	14620	14789	1.48	cps
Potassium	39-2	1235251	1225074	1234667	1231664	0.46	cps
Rhodium	103-1	12115875	11999657	11697374	11937635	1.81	cps
Rhodium	103-2	7147061	7152886	7167834	7155927	0.15	cps
Scandium	45-1	7119742	7010573	7039779	7056698	0.80	cps
Scandium	45-2	591582	594235	586430	590749	0.67	cps
Selenium	82-1	688	691	768	716	6.34	cps
Selenium	77-2	183	237	210	210	12.70	cps
Selenium	78-2	530	603	527	553	7.83	cps
Silicon	28-1	21114248	20762150	20718060	20864819	1.04	cps
Silver	107-1	2407	2470	2174	2350	6.65	cps
Silver	109-1	2120	2014	2020	2051	2.91	cps
Sodium	23-2	168177	168043	166587	167602	0.53	cps
Strontium	86-1	950238	945081	947527	947615	0.27	cps
Strontium	88-1	8450473	8367638	8326707	8381606	0.75	cps
Sulfur	34-1	249182	248001	244696	247293	0.94	cps
Terbium	159-1	17634344	17374771	17445466	17484860	0.77	cps
Terbium	159-2	11636107	11671971	11551197	11619758	0.53	cps
Thallium	203-1	6712	6882	6955	6850	1.82	cps
Thallium	205-1	15839	16173	16136	16050	1.14	cps
Tin	118-1	9913	9557	9747	9739	1.83	cps
Titanium	47-1	315584	311343	315626	314184	0.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-12	Instrumnet Name :	P7
Client Sample ID :	ME28X6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:36:33	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	92982	93133	94590	93568	0.95	cps
Vanadium	51-2	172881	174614	172376	173290	0.68	cps
Yttrium	89-1	21264476	21082887	20824321	21057228	1.05	cps
Yttrium	89-2	5577012	5523851	5573686	5558183	0.54	cps
Zinc	66-2	247315	245757	245174	246082	0.45	cps
Zirconium	90-1	110425	112591	110596	111204	1.08	cps
Zirconium	91-1	23793	24621	25279	24564	3.03	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-13	Instrumnet Name :	P7
Client Sample ID :	ME28X7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:39:40	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3689552	3728540	3729943	3716012	0.62	cps
Antimony	121-1	4808	5078	5018	4968	2.86	cps
Arsenic	75-2	9830	9566	9733	9710	1.37	cps
Barium	135-1	406706	412936	407656	409099	0.82	cps
Barium	137-1	710979	711655	715336	712656	0.33	cps
Beryllium	9-1	1433	1387	1370	1397	2.35	cps
Bismuth	209-1	10456240	10363065	10453285	10424197	0.51	cps
Bismuth	209-2	8470775	8440681	8479496	8463651	0.24	cps
Bromine	81-1	16072	16329	16906	16436	2.60	cps
Bromine	81-2	1010	853	817	893	11.50	cps
Cadmium	108-1	213	253	203	223	11.85	cps
Cadmium	106-1	5811	5334	5384	5510	4.76	cps
Cadmium	111-1	5649	5454	5474	5525	1.94	cps
Calcium	43-1	5222895	5158557	5200877	5194110	0.63	cps
Calcium	44-1	83639374	84194685	83673792	83835950	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207153	206470	207849	207157	0.33	cps
Cobalt	59-2	142139	140308	139891	140779	0.85	cps
Copper	63-2	238579	238816	238999	238798	0.09	cps
Dysprosium	156-1	71025	71641	71477	71381	0.45	cps
Dysprosium	156-2	57082	57929	56135	57049	1.57	cps
Erbium	164-1	64421	66373	65717	65504	1.52	cps
Erbium	164-2	45721	44761	45109	45197	1.08	cps
Gadolinium	160-1	71391	72252	71752	71798	0.60	cps
Gadolinium	160-2	53836	53826	53144	53602	0.74	cps
Holmium	165-1	17229120	17079456	17094879	17134485	0.48	cps
Holmium	165-2	12017277	11872284	11854631	11914731	0.75	cps
Indium	115-1	13279019	13147287	13008846	13145051	1.03	cps
Indium	115-2	4638503	4596897	4680895	4638765	0.91	cps
Iron	56-2	217574090	216012237	215932470	216506266	0.43	cps
Iron	57-2	5519473	5450470	5376300	5448748	1.31	cps
Iron	54-2	11708944	11761414	11724735	11731697	0.23	cps
Krypton	83-1	270	290	253	271	6.77	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-13	Instrumnet Name :	P7
Client Sample ID :	ME28X7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:39:40	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	495125	498637	498655	497473	0.41	cps
Lead	207-1	395136	399584	397056	397258	0.56	cps
Lead	208-1	1872550	1884119	1887630	1881433	0.42	cps
Lithium	6-1	2022653	2054217	1967348	2014739	2.18	cps
Magnesium	24-2	9295862	9340029	9211760	9282550	0.70	cps
Manganese	55-2	5206726	5143193	5215795	5188571	0.76	cps
Molybdenum	94-1	58496	59313	58570	58793	0.77	cps
Molybdenum	95-1	59015	59346	58774	59045	0.49	cps
Molybdenum	96-1	69102	69143	69501	69248	0.32	cps
Molybdenum	97-1	36509	37297	37468	37091	1.38	cps
Molybdenum	98-1	94577	96090	94745	95137	0.87	cps
Neodymium	150-1	106330	107634	107126	107030	0.61	cps
Neodymium	150-2	62755	63495	63419	63223	0.64	cps
Nickel	60-2	102983	100892	101423	101766	1.07	cps
Phosphorus	31-2	11011	10954	10424	10796	3.00	cps
Potassium	39-2	1208502	1203625	1209074	1207067	0.25	cps
Rhodium	103-1	12112875	11908879	11896106	11972620	1.02	cps
Rhodium	103-2	7203837	7063266	7149464	7138856	0.99	cps
Scandium	45-1	7115342	6899709	6930806	6981952	1.67	cps
Scandium	45-2	593313	589128	587937	590126	0.48	cps
Selenium	82-1	753	689	655	699	7.13	cps
Selenium	77-2	203	203	177	194	7.92	cps
Selenium	78-2	457	450	517	474	7.74	cps
Silicon	28-1	21362956	20552638	20666039	20860544	2.10	cps
Silver	107-1	2184	2247	2147	2192	2.31	cps
Silver	109-1	1910	1933	1973	1939	1.65	cps
Sodium	23-2	199146	199572	198387	199035	0.30	cps
Strontium	86-1	858423	859474	865098	860999	0.42	cps
Strontium	88-1	7685198	7627458	7635728	7649461	0.41	cps
Sulfur	34-1	228638	230610	229335	229528	0.44	cps
Terbium	159-1	17694938	17607775	17449916	17584210	0.71	cps
Terbium	159-2	11893896	11778718	11745314	11805976	0.66	cps
Thallium	203-1	5134	5168	5148	5150	0.33	cps
Thallium	205-1	11618	11685	11532	11612	0.66	cps
Tin	118-1	22454	22564	22578	22532	0.30	cps
Titanium	47-1	257997	260629	261912	260179	0.77	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-13	Instrumnet Name :	P7
Client Sample ID :	ME28X7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:39:40	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73887	74939	74940	74589	0.81	cps
Vanadium	51-2	169335	168607	166976	168306	0.72	cps
Yttrium	89-1	21037356	20796363	20809421	20881047	0.65	cps
Yttrium	89-2	5562666	5460420	5510337	5511141	0.93	cps
Zinc	66-2	249850	248912	248292	249018	0.32	cps
Zirconium	90-1	65455	67621	66613	66563	1.63	cps
Zirconium	91-1	14791	14747	15141	14893	1.45	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-14	Instrumnet Name :	P7
Client Sample ID :	ME28X8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:42:49	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2189611	2209480	2211754	2203615	0.55	cps
Antimony	121-1	7826	7736	7982	7848	1.59	cps
Arsenic	75-2	10157	9763	10013	9978	2.00	cps
Barium	135-1	642532	645518	641193	643081	0.34	cps
Barium	137-1	1114305	1122028	1115737	1117357	0.37	cps
Beryllium	9-1	947	853	750	850	11.57	cps
Bismuth	209-1	10113342	10033423	9877084	10007950	1.20	cps
Bismuth	209-2	8149708	8199179	8218929	8189272	0.44	cps
Bromine	81-1	14871	15175	15865	15304	3.33	cps
Bromine	81-2	493	597	573	554	9.77	cps
Cadmium	108-1	377	383	350	370	4.77	cps
Cadmium	106-1	6008	5865	5971	5948	1.25	cps
Cadmium	111-1	6155	6237	6268	6220	0.94	cps
Calcium	43-1	11015503	11017097	10853665	10962088	0.86	cps
Calcium	44-1	176793837	177588751	176893104	177091897	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106123	106217	105176	105839	0.54	cps
Cobalt	59-2	106484	105863	106833	106394	0.46	cps
Copper	63-2	178633	181992	181375	180667	0.99	cps
Dysprosium	156-1	53963	54063	54602	54210	0.63	cps
Dysprosium	156-2	43704	44132	43313	43717	0.94	cps
Erbium	164-1	48052	49186	47845	48361	1.49	cps
Erbium	164-2	34195	34262	34265	34241	0.12	cps
Gadolinium	160-1	54746	54733	54499	54659	0.25	cps
Gadolinium	160-2	39813	40094	39255	39721	1.08	cps
Holmium	165-1	17210362	17158206	16865665	17078078	1.09	cps
Holmium	165-2	11966722	11897962	11972765	11945816	0.35	cps
Indium	115-1	13222690	13037722	12938384	13066265	1.10	cps
Indium	115-2	4629742	4689238	4624633	4647871	0.77	cps
Iron	56-2	128834098	130658678	131194585	130229120	0.95	cps
Iron	57-2	3416507	3438864	3474071	3443147	0.84	cps
Iron	54-2	7066819	7122361	7048046	7079075	0.55	cps
Krypton	83-1	217	340	237	264	25.03	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-14	Instrumnet Name :	P7
Client Sample ID :	ME28X8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:42:49	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	170903	166701	167828	168477	1.29	cps
Lead	207-1	129871	130069	131432	130457	0.65	cps
Lead	208-1	622752	617106	617596	619151	0.51	cps
Lithium	6-1	2072827	2019193	2002650	2031557	1.81	cps
Magnesium	24-2	45494004	46283338	45882408	45886583	0.86	cps
Manganese	55-2	3039961	3088590	3104222	3077591	1.09	cps
Molybdenum	94-1	120154	118000	117798	118651	1.10	cps
Molybdenum	95-1	72800	73346	73379	73175	0.44	cps
Molybdenum	96-1	93614	93312	92382	93103	0.69	cps
Molybdenum	97-1	46256	45758	45959	45991	0.55	cps
Molybdenum	98-1	120048	118533	118036	118872	0.88	cps
Neodymium	150-1	79747	80022	80216	79995	0.29	cps
Neodymium	150-2	46968	47546	47339	47285	0.62	cps
Nickel	60-2	73753	73402	73643	73599	0.24	cps
Phosphorus	31-2	9940	10113	10340	10131	1.98	cps
Potassium	39-2	891034	884705	888718	888153	0.36	cps
Rhodium	103-1	12060836	11826558	11797907	11895101	1.21	cps
Rhodium	103-2	7110883	7151851	7120638	7127791	0.30	cps
Scandium	45-1	7235344	7134359	7093060	7154254	1.02	cps
Scandium	45-2	606743	608936	604026	606568	0.41	cps
Selenium	82-1	938	742	833	837	11.73	cps
Selenium	77-2	120	167	163	150	17.36	cps
Selenium	78-2	533	497	490	507	4.61	cps
Silicon	28-1	16818025	16936053	16681545	16811874	0.76	cps
Silver	107-1	2397	2497	2264	2386	4.91	cps
Silver	109-1	1963	2144	2117	2075	4.68	cps
Sodium	23-2	262138	265057	263610	263602	0.55	cps
Strontium	86-1	6778978	6720065	6759822	6752955	0.45	cps
Strontium	88-1	59385549	59276471	60244152	59635391	0.89	cps
Sulfur	34-1	653609	649336	649926	650957	0.36	cps
Terbium	159-1	17794137	17430670	17630251	17618353	1.03	cps
Terbium	159-2	11774512	11779807	11538560	11697626	1.18	cps
Thallium	203-1	3314	3247	3544	3368	4.62	cps
Thallium	205-1	8643	8156	8623	8474	3.25	cps
Tin	118-1	16660	16603	16720	16661	0.35	cps
Titanium	47-1	260544	255432	254011	256662	1.34	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-14	Instrumnet Name :	P7
Client Sample ID :	ME28X8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:42:49	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	163703	162553	163444	163233	0.37	cps
Vanadium	51-2	112952	114215	114722	113963	0.80	cps
Yttrium	89-1	20977381	20639816	20790756	20802651	0.81	cps
Yttrium	89-2	5572611	5605590	5647877	5608692	0.67	cps
Zinc	66-2	99233	98942	100663	99613	0.92	cps
Zirconium	90-1	208370	209070	208038	208493	0.25	cps
Zirconium	91-1	45912	46503	46945	46453	1.12	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-15	Instrumnet Name :	P7
Client Sample ID :	ME28X9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:45:57	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3743248	3702748	3671958	3705984	0.96	cps
Antimony	121-1	6215	6378	5891	6161	4.02	cps
Arsenic	75-2	8009	8009	7942	7987	0.48	cps
Barium	135-1	550391	546093	549196	548560	0.40	cps
Barium	137-1	952071	951905	950490	951489	0.09	cps
Beryllium	9-1	1597	1430	1310	1446	9.96	cps
Bismuth	209-1	10112967	10731791	10396198	10413652	2.97	cps
Bismuth	209-2	8500578	8341325	8431961	8424621	0.95	cps
Bromine	81-1	15952	16149	16149	16083	0.71	cps
Bromine	81-2	763	720	723	736	3.28	cps
Cadmium	108-1	237	200	240	226	9.84	cps
Cadmium	106-1	5564	5681	5328	5524	3.26	cps
Cadmium	111-1	5616	5724	5552	5630	1.54	cps
Calcium	43-1	2372613	2342368	2314366	2343116	1.24	cps
Calcium	44-1	37979984	37601341	37411554	37664293	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184534	183617	181794	183315	0.76	cps
Cobalt	59-2	135791	135905	134324	135340	0.65	cps
Copper	63-2	203618	202623	202014	202752	0.40	cps
Dysprosium	156-1	63064	63757	63750	63524	0.63	cps
Dysprosium	156-2	50785	51260	50935	50993	0.48	cps
Erbium	164-1	55138	54921	55088	55049	0.21	cps
Erbium	164-2	37316	37520	37587	37475	0.38	cps
Gadolinium	160-1	63593	63222	62746	63187	0.67	cps
Gadolinium	160-2	45714	45744	46226	45895	0.63	cps
Holmium	165-1	16714057	17513673	17092668	17106799	2.34	cps
Holmium	165-2	11955799	11712345	11724050	11797398	1.16	cps
Indium	115-1	12983563	13376004	13016323	13125297	1.66	cps
Indium	115-2	4623941	4599776	4574745	4599487	0.53	cps
Iron	56-2	176612991	175985471	174754224	175784228	0.54	cps
Iron	57-2	4400582	4327500	4386122	4371401	0.89	cps
Iron	54-2	9623333	9453921	9478064	9518439	0.96	cps
Krypton	83-1	267	333	310	303	11.15	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-15	Instrumnet Name :	P7
Client Sample ID :	ME28X9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:45:57	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	615629	618581	620199	618136	0.37	cps
Lead	207-1	497674	502396	502799	500956	0.57	cps
Lead	208-1	2357952	2343105	2357000	2352685	0.35	cps
Lithium	6-1	2053863	2050927	2029778	2044856	0.64	cps
Magnesium	24-2	14326011	14202401	14235558	14254657	0.45	cps
Manganese	55-2	3739831	3700040	3671841	3703904	0.92	cps
Molybdenum	94-1	31637	31020	30702	31120	1.53	cps
Molybdenum	95-1	15428	15261	15188	15293	0.80	cps
Molybdenum	96-1	22197	21800	21583	21860	1.43	cps
Molybdenum	97-1	9587	9406	9527	9507	0.96	cps
Molybdenum	98-1	24471	23863	23903	24079	1.41	cps
Neodymium	150-1	99411	99414	99974	99600	0.33	cps
Neodymium	150-2	59207	58430	58216	58618	0.89	cps
Nickel	60-2	102050	101832	102198	102027	0.18	cps
Phosphorus	31-2	12228	12308	12926	12487	3.06	cps
Potassium	39-2	1334741	1291086	1293869	1306565	1.87	cps
Rhodium	103-1	11683285	12201635	11856069	11913663	2.22	cps
Rhodium	103-2	7161342	7056897	7154447	7124229	0.82	cps
Scandium	45-1	6772462	6969989	6836477	6859643	1.47	cps
Scandium	45-2	573995	570058	575345	573132	0.48	cps
Selenium	82-1	615	557	601	591	5.13	cps
Selenium	77-2	193	120	137	150	25.63	cps
Selenium	78-2	460	560	537	519	10.08	cps
Silicon	28-1	24198140	23881316	23601904	23893787	1.25	cps
Silver	107-1	3837	4101	3931	3956	3.38	cps
Silver	109-1	3717	3844	3851	3804	1.98	cps
Sodium	23-2	154570	156275	153829	154891	0.81	cps
Strontium	86-1	369116	366731	365284	367044	0.53	cps
Strontium	88-1	3276845	3259919	3248831	3261865	0.43	cps
Sulfur	34-1	251618	247825	245369	248271	1.27	cps
Terbium	159-1	17061646	17810961	17310948	17394518	2.19	cps
Terbium	159-2	11565036	11646134	11646453	11619207	0.40	cps
Thallium	203-1	4574	4564	4801	4646	2.88	cps
Thallium	205-1	10995	10975	11338	11102	1.84	cps
Tin	118-1	16213	16446	16710	16456	1.51	cps
Titanium	47-1	332797	331716	330592	331701	0.33	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-15	Instrumnet Name :	P7
Client Sample ID :	ME28X9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:45:57	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48836	49016	49574	49142	0.78	cps
Vanadium	51-2	171068	170252	169763	170361	0.39	cps
Yttrium	89-1	20380287	20904803	20361866	20548986	1.50	cps
Yttrium	89-2	5421409	5406966	5371378	5399918	0.48	cps
Zinc	66-2	166793	166396	165752	166313	0.32	cps
Zirconium	90-1	61793	60966	59336	60698	2.06	cps
Zirconium	91-1	13560	13480	13413	13484	0.54	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-16	Instrumnet Name :	P7
Client Sample ID :	ME28Y0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:49:07	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3548047	3577108	3512872	3546009	0.91	cps
Antimony	121-1	35447	35848	36062	35786	0.87	cps
Arsenic	75-2	8559	8793	8513	8621	1.74	cps
Barium	135-1	461891	465138	464909	463979	0.39	cps
Barium	137-1	804154	803924	810818	806298	0.49	cps
Beryllium	9-1	1457	1427	1550	1478	4.35	cps
Bismuth	209-1	10423877	10397654	10477198	10432910	0.39	cps
Bismuth	209-2	8558748	8535043	8542119	8545303	0.14	cps
Bromine	81-1	16356	16486	17544	16795	3.88	cps
Bromine	81-2	760	777	790	776	1.94	cps
Cadmium	108-1	260	273	230	254	8.72	cps
Cadmium	106-1	5691	5434	5328	5484	3.41	cps
Cadmium	111-1	5692	5550	5569	5603	1.38	cps
Calcium	43-1	2853079	2866317	2835005	2851467	0.55	cps
Calcium	44-1	45796036	45817091	45937301	45850143	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	196091	194315	193467	194624	0.69	cps
Cobalt	59-2	131204	132297	130579	131360	0.66	cps
Copper	63-2	213818	212838	212341	212999	0.35	cps
Dysprosium	156-1	59134	58053	57936	58374	1.13	cps
Dysprosium	156-2	47490	47142	46493	47042	1.08	cps
Erbium	164-1	50233	49618	50089	49980	0.64	cps
Erbium	164-2	34867	34603	35308	34926	1.02	cps
Gadolinium	160-1	57561	58090	57782	57811	0.46	cps
Gadolinium	160-2	42615	42986	42344	42648	0.76	cps
Holmium	165-1	17415842	17238156	17321747	17325248	0.51	cps
Holmium	165-2	11998595	11967446	11981858	11982633	0.13	cps
Indium	115-1	13383087	13102653	13141534	13209091	1.15	cps
Indium	115-2	4764258	4672026	4597706	4677997	1.78	cps
Iron	56-2	176390931	175221057	176436751	176016246	0.39	cps
Iron	57-2	4389741	4395184	4434761	4406562	0.56	cps
Iron	54-2	9532146	9500914	9486888	9506649	0.24	cps
Krypton	83-1	270	307	207	261	19.37	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-16	Instrumnet Name :	P7
Client Sample ID :	ME28Y0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:49:07	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	726960	733554	735410	731975	0.61	cps
Lead	207-1	598393	605115	600512	601340	0.57	cps
Lead	208-1	2796048	2804195	2815090	2805111	0.34	cps
Lithium	6-1	2054442	1993650	2039303	2029132	1.56	cps
Magnesium	24-2	11912686	11851069	11772536	11845430	0.59	cps
Manganese	55-2	3693029	3652525	3641784	3662446	0.74	cps
Molybdenum	94-1	30432	30144	32377	30984	3.92	cps
Molybdenum	95-1	21079	20491	21109	20893	1.67	cps
Molybdenum	96-1	27613	27883	27967	27821	0.67	cps
Molybdenum	97-1	13363	13253	13340	13318	0.44	cps
Molybdenum	98-1	33812	34207	34123	34047	0.61	cps
Neodymium	150-1	90344	89424	89888	89885	0.51	cps
Neodymium	150-2	53113	53438	53501	53350	0.39	cps
Nickel	60-2	173150	171197	172520	172289	0.58	cps
Phosphorus	31-2	12115	11414	11821	11783	2.99	cps
Potassium	39-2	1207838	1186833	1184861	1193177	1.07	cps
Rhodium	103-1	12171598	12112401	11989849	12091283	0.77	cps
Rhodium	103-2	7296141	7238733	7237418	7257431	0.46	cps
Scandium	45-1	6958091	6920814	6844073	6907659	0.84	cps
Scandium	45-2	586106	581073	585338	584172	0.46	cps
Selenium	82-1	735	621	714	690	8.84	cps
Selenium	77-2	203	197	163	188	11.41	cps
Selenium	78-2	500	480	460	480	4.17	cps
Silicon	28-1	19107782	19262113	19205159	19191685	0.41	cps
Silver	107-1	2820	2764	2834	2806	1.32	cps
Silver	109-1	2614	2630	2517	2587	2.37	cps
Sodium	23-2	139548	143026	141742	141439	1.24	cps
Strontium	86-1	479172	479224	483069	480488	0.47	cps
Strontium	88-1	4197860	4213075	4247883	4219606	0.61	cps
Sulfur	34-1	272602	272358	269174	271378	0.70	cps
Terbium	159-1	17649441	17485498	17674227	17603055	0.58	cps
Terbium	159-2	11705394	11782549	11790247	11759396	0.40	cps
Thallium	203-1	4741	4758	4911	4803	1.95	cps
Thallium	205-1	11098	11258	11381	11246	1.26	cps
Tin	118-1	17885	17224	17414	17507	1.94	cps
Titanium	47-1	301046	293640	295323	296670	1.31	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-16	Instrumnet Name :	P7
Client Sample ID :	ME28Y0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:49:07	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61431	60577	60239	60749	1.01	cps
Vanadium	51-2	169318	168941	170603	169621	0.51	cps
Yttrium	89-1	20726363	20612803	20584421	20641195	0.36	cps
Yttrium	89-2	5523737	5505267	5489144	5506049	0.31	cps
Zinc	66-2	177431	177818	176004	177084	0.54	cps
Zirconium	90-1	49507	49419	50259	49728	0.93	cps
Zirconium	91-1	11308	11131	10897	11112	1.85	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-17	Instrumnet Name :	P7
Client Sample ID :	ME28Y1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:52:15	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3186476	3233226	3206780	3208827	0.73	cps
Antimony	121-1	31114	30803	31378	31098	0.92	cps
Arsenic	75-2	7976	7926	7782	7894	1.27	cps
Barium	135-1	400374	400779	399419	400190	0.17	cps
Barium	137-1	695493	693225	690660	693126	0.35	cps
Beryllium	9-1	1353	1307	1380	1347	2.76	cps
Bismuth	209-1	10408144	10368184	10331056	10369128	0.37	cps
Bismuth	209-2	8482430	8521244	8508466	8504047	0.23	cps
Bromine	81-1	16059	16449	16553	16354	1.59	cps
Bromine	81-2	860	787	757	801	6.64	cps
Cadmium	108-1	210	193	193	199	4.84	cps
Cadmium	106-1	5598	5314	5158	5357	4.17	cps
Cadmium	111-1	5452	5382	5142	5325	3.05	cps
Calcium	43-1	2941191	2933654	2950998	2941948	0.30	cps
Calcium	44-1	47721911	47600758	47490776	47604482	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145649	146005	145982	145879	0.14	cps
Cobalt	59-2	126898	126319	126642	126620	0.23	cps
Copper	63-2	193899	195905	194074	194626	0.57	cps
Dysprosium	156-1	57353	57631	57594	57526	0.26	cps
Dysprosium	156-2	45988	45985	45731	45901	0.32	cps
Erbium	164-1	48628	48156	48461	48415	0.49	cps
Erbium	164-2	33607	34102	34356	34021	1.12	cps
Gadolinium	160-1	56567	55603	56624	56265	1.02	cps
Gadolinium	160-2	41735	40996	41805	41512	1.08	cps
Holmium	165-1	17001737	17119241	17052101	17057693	0.35	cps
Holmium	165-2	11952005	12100182	11862256	11971481	1.00	cps
Indium	115-1	13425061	13234135	13046568	13235255	1.43	cps
Indium	115-2	4678796	4687972	4637666	4668145	0.57	cps
Iron	56-2	162552758	162055124	161229911	161945931	0.41	cps
Iron	57-2	4074980	4082079	4059692	4072250	0.28	cps
Iron	54-2	8731516	8669539	8735076	8712044	0.42	cps
Krypton	83-1	267	330	293	297	10.72	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-17	Instrumnet Name :	P7
Client Sample ID :	ME28Y1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:52:15	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	474650	480614	475128	476797	0.70	cps
Lead	207-1	383228	383148	380409	382262	0.42	cps
Lead	208-1	1802667	1812063	1796401	1803710	0.44	cps
Lithium	6-1	2038263	2026564	2005768	2023532	0.81	cps
Magnesium	24-2	15692584	15686508	15580751	15653281	0.40	cps
Manganese	55-2	3800424	3779576	3726954	3768985	1.00	cps
Molybdenum	94-1	25697	25629	25532	25620	0.32	cps
Molybdenum	95-1	15815	15642	15191	15549	2.07	cps
Molybdenum	96-1	21132	21573	20738	21148	1.97	cps
Molybdenum	97-1	9537	9040	9920	9499	4.65	cps
Molybdenum	98-1	24481	24858	24350	24563	1.07	cps
Neodymium	150-1	86503	86359	85772	86211	0.45	cps
Neodymium	150-2	51497	51714	51654	51622	0.22	cps
Nickel	60-2	84020	83879	84479	84126	0.37	cps
Phosphorus	31-2	11434	10984	11378	11265	2.18	cps
Potassium	39-2	1132637	1135279	1128909	1132275	0.28	cps
Rhodium	103-1	12194986	12071626	12006903	12091172	0.79	cps
Rhodium	103-2	7268490	7378199	7261349	7302679	0.90	cps
Scandium	45-1	7023200	6978075	6971152	6990809	0.40	cps
Scandium	45-2	588166	591431	592330	590642	0.37	cps
Selenium	82-1	705	592	645	647	8.71	cps
Selenium	77-2	130	167	123	140	16.67	cps
Selenium	78-2	623	527	413	521	20.17	cps
Silicon	28-1	20762790	19547311	19314028	19874710	3.91	cps
Silver	107-1	3144	2964	3110	3073	3.12	cps
Silver	109-1	2854	2734	2560	2716	5.43	cps
Sodium	23-2	153497	155411	154351	154420	0.62	cps
Strontium	86-1	410161	411448	410164	410591	0.18	cps
Strontium	88-1	3615012	3650240	3599865	3621706	0.71	cps
Sulfur	34-1	257748	258118	256936	257601	0.23	cps
Terbium	159-1	17435721	17484316	17317106	17412381	0.49	cps
Terbium	159-2	11749126	11612053	11884508	11748562	1.16	cps
Thallium	203-1	4511	4664	4641	4605	1.79	cps
Thallium	205-1	11031	11345	10894	11090	2.08	cps
Tin	118-1	12943	12676	12856	12825	1.06	cps
Titanium	47-1	268248	267099	267027	267458	0.26	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-17	Instrumnet Name :	P7
Client Sample ID :	ME28Y1	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:52:15	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50656	52356	51479	51497	1.65	cps
Vanadium	51-2	153124	152296	150172	151864	1.00	cps
Yttrium	89-1	20532891	20940423	20394177	20622497	1.38	cps
Yttrium	89-2	5501909	5555656	5520705	5526090	0.49	cps
Zinc	66-2	135424	133820	134859	134701	0.60	cps
Zirconium	90-1	43772	45139	43929	44280	1.69	cps
Zirconium	91-1	9827	9843	10117	9929	1.64	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-18	Instrumnet Name :	P7
Client Sample ID :	ME28Y2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:55:25	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4488493	4434279	4440217	4454330	0.67	cps
Antimony	121-1	20638	21489	21106	21078	2.02	cps
Arsenic	75-2	11281	11418	11051	11250	1.65	cps
Barium	135-1	568953	577214	574900	573689	0.74	cps
Barium	137-1	985217	999477	992575	992423	0.72	cps
Beryllium	9-1	1807	1693	1627	1709	5.33	cps
Bismuth	209-1	10658179	10341087	10339880	10446382	1.76	cps
Bismuth	209-2	8509506	8453044	8383885	8448812	0.74	cps
Bromine	81-1	16189	16920	17223	16777	3.17	cps
Bromine	81-2	793	847	730	790	7.39	cps
Cadmium	108-1	243	207	193	214	12.07	cps
Cadmium	106-1	5885	5564	5164	5538	6.52	cps
Cadmium	111-1	5946	5721	5640	5769	2.75	cps
Calcium	43-1	3652712	3632787	3628046	3637848	0.36	cps
Calcium	44-1	58564299	58412054	58839521	58605291	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327112	324823	324555	325496	0.43	cps
Cobalt	59-2	163547	163881	163712	163713	0.10	cps
Copper	63-2	242880	242850	240048	241926	0.67	cps
Dysprosium	156-1	72811	74221	73099	73377	1.02	cps
Dysprosium	156-2	58749	58026	58454	58410	0.62	cps
Erbium	164-1	61726	61836	61665	61742	0.14	cps
Erbium	164-2	43788	43096	43665	43516	0.85	cps
Gadolinium	160-1	71662	73769	73381	72937	1.54	cps
Gadolinium	160-2	53461	54010	53465	53645	0.59	cps
Holmium	165-1	17899794	17119488	16962981	17327421	2.90	cps
Holmium	165-2	11988759	11918511	11804591	11903954	0.78	cps
Indium	115-1	13661123	13009741	13200804	13290556	2.52	cps
Indium	115-2	4636939	4649829	4644524	4643764	0.14	cps
Iron	56-2	213600497	212970877	214112050	213561141	0.27	cps
Iron	57-2	5375947	5342320	5351980	5356749	0.32	cps
Iron	54-2	11519162	11462433	11559111	11513569	0.42	cps
Krypton	83-1	233	303	313	283	15.38	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-18	Instrumnet Name :	P7
Client Sample ID :	ME28Y2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:55:25	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	592376	603627	602966	599656	1.05	cps
Lead	207-1	478057	482827	486538	482474	0.88	cps
Lead	208-1	2251177	2293658	2285216	2276684	0.99	cps
Lithium	6-1	2074787	1987897	2043310	2035331	2.16	cps
Magnesium	24-2	18214530	18076124	17977602	18089419	0.66	cps
Manganese	55-2	7373676	7293644	7274871	7314064	0.72	cps
Molybdenum	94-1	35386	36312	36362	36020	1.53	cps
Molybdenum	95-1	19840	20027	19740	19869	0.73	cps
Molybdenum	96-1	27296	27473	28191	27653	1.71	cps
Molybdenum	97-1	12245	12375	12189	12270	0.78	cps
Molybdenum	98-1	31527	31614	31507	31550	0.18	cps
Neodymium	150-1	109028	111631	111050	110569	1.24	cps
Neodymium	150-2	66744	66024	65350	66039	1.06	cps
Nickel	60-2	109100	109912	109966	109659	0.44	cps
Phosphorus	31-2	14574	15191	14704	14823	2.20	cps
Potassium	39-2	1432643	1402536	1405063	1413414	1.18	cps
Rhodium	103-1	12503602	12016219	11971655	12163825	2.43	cps
Rhodium	103-2	7325774	7237751	7199521	7254349	0.89	cps
Scandium	45-1	7314803	6902680	6937547	7051677	3.24	cps
Scandium	45-2	588258	589574	588001	588611	0.14	cps
Selenium	82-1	820	697	661	726	11.49	cps
Selenium	77-2	160	153	207	173	16.76	cps
Selenium	78-2	510	517	530	519	1.96	cps
Silicon	28-1	21042548	22059166	21125435	21409049	2.64	cps
Silver	107-1	3657	3677	3791	3708	1.94	cps
Silver	109-1	3297	3147	3410	3285	4.02	cps
Sodium	23-2	179927	181358	179921	180402	0.46	cps
Strontium	86-1	566506	575613	567534	569884	0.88	cps
Strontium	88-1	4980648	5054928	5075712	5037096	0.99	cps
Sulfur	34-1	270030	268524	266540	268364	0.65	cps
Terbium	159-1	18330351	17462328	17451250	17747976	2.84	cps
Terbium	159-2	11742798	11739925	11657569	11713431	0.41	cps
Thallium	203-1	5401	5481	5241	5374	2.27	cps
Thallium	205-1	12369	12709	12543	12540	1.36	cps
Tin	118-1	14491	15031	15035	14852	2.11	cps
Titanium	47-1	344203	349390	350494	348029	0.97	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-18	Instrumnet Name :	P7
Client Sample ID :	ME28Y2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:55:25	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	68528	68489	68716	68578	0.18	cps
Vanadium	51-2	253912	253373	253156	253480	0.15	cps
Yttrium	89-1	21850222	20632267	20766531	21083007	3.17	cps
Yttrium	89-2	5590673	5567149	5566187	5574670	0.25	cps
Zinc	66-2	164809	165209	164538	164852	0.20	cps
Zirconium	90-1	65358	67601	66647	66535	1.69	cps
Zirconium	91-1	14714	15301	14994	15003	1.96	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:58:32	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2846080	2868101	2835404	2849862	0.59	cps
Antimony	121-1	21456	21910	21459	21609	1.21	cps
Arsenic	75-2	8322	8906	8833	8687	3.66	cps
Barium	135-1	414835	414970	415934	415246	0.14	cps
Barium	137-1	717694	716924	720083	718234	0.23	cps
Beryllium	9-1	1163	1290	1373	1276	8.29	cps
Bismuth	209-1	10444127	10346498	10321358	10370661	0.63	cps
Bismuth	209-2	8531068	8527363	8516957	8525129	0.09	cps
Bromine	81-1	16456	16526	16359	16447	0.51	cps
Bromine	81-2	687	733	727	716	3.53	cps
Cadmium	108-1	180	180	203	188	7.18	cps
Cadmium	106-1	5631	5251	5611	5498	3.89	cps
Cadmium	111-1	6146	5847	6069	6021	2.58	cps
Calcium	43-1	1895861	1877261	1861875	1878332	0.91	cps
Calcium	44-1	30325863	30339750	30098161	30254591	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191820	188103	190443	190122	0.99	cps
Cobalt	59-2	113508	112622	112246	112792	0.57	cps
Copper	63-2	190904	188018	187529	188817	0.97	cps
Dysprosium	156-1	50380	50253	49761	50131	0.65	cps
Dysprosium	156-2	40953	40411	41167	40844	0.95	cps
Erbium	164-1	44190	43461	44180	43943	0.95	cps
Erbium	164-2	30353	30540	30557	30483	0.37	cps
Gadolinium	160-1	50196	49862	49189	49749	1.03	cps
Gadolinium	160-2	37012	36173	36634	36607	1.15	cps
Holmium	165-1	17226566	17387667	17192138	17268790	0.60	cps
Holmium	165-2	11892434	11926785	11946935	11922051	0.23	cps
Indium	115-1	13304054	13247491	13288246	13279930	0.22	cps
Indium	115-2	4792291	4693677	4763037	4749668	1.07	cps
Iron	56-2	162588351	161736841	162147728	162157640	0.26	cps
Iron	57-2	4098287	4085146	4078767	4087400	0.24	cps
Iron	54-2	8822475	8741892	8777384	8780583	0.46	cps
Krypton	83-1	217	220	260	232	10.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:58:32	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	797180	800584	799751	799172	0.22	cps
Lead	207-1	640611	642676	643198	642162	0.21	cps
Lead	208-1	3017764	3031893	3031827	3027161	0.27	cps
Lithium	6-1	2002114	2040899	2015518	2019510	0.98	cps
Magnesium	24-2	11159116	11253968	10987617	11133567	1.21	cps
Manganese	55-2	3825156	3813688	3799340	3812728	0.34	cps
Molybdenum	94-1	23142	23856	23602	23533	1.54	cps
Molybdenum	95-1	16933	17661	17003	17199	2.33	cps
Molybdenum	96-1	21716	22985	22437	22379	2.84	cps
Molybdenum	97-1	10437	10514	10971	10641	2.71	cps
Molybdenum	98-1	27670	27827	27276	27591	1.03	cps
Neodymium	150-1	77632	78993	77917	78181	0.92	cps
Neodymium	150-2	45570	45791	45650	45670	0.24	cps
Nickel	60-2	84034	83541	84305	83960	0.46	cps
Phosphorus	31-2	10260	9923	10407	10197	2.43	cps
Potassium	39-2	1039461	1043522	1040319	1041100	0.21	cps
Rhodium	103-1	12300940	12162843	12119349	12194377	0.78	cps
Rhodium	103-2	7397358	7362707	7381778	7380614	0.24	cps
Scandium	45-1	7044698	6980401	6955134	6993411	0.66	cps
Scandium	45-2	591392	590400	585964	589252	0.49	cps
Selenium	82-1	712	742	655	703	6.28	cps
Selenium	77-2	133	110	140	128	12.33	cps
Selenium	78-2	567	503	550	540	6.08	cps
Silicon	28-1	18929826	18799333	18509255	18746138	1.15	cps
Silver	107-1	4327	4244	4347	4306	1.27	cps
Silver	109-1	3921	3767	3831	3839	2.01	cps
Sodium	23-2	121746	124252	120924	122307	1.42	cps
Strontium	86-1	288408	287099	286800	287436	0.30	cps
Strontium	88-1	2523379	2533444	2551897	2536240	0.57	cps
Sulfur	34-1	241519	241498	239908	240975	0.38	cps
Terbium	159-1	17614873	17675729	17656313	17648972	0.18	cps
Terbium	159-2	11876978	11846822	11654339	11792713	1.02	cps
Thallium	203-1	4841	4914	4541	4765	4.15	cps
Thallium	205-1	11565	11892	11535	11664	1.70	cps
Tin	118-1	17344	17361	17691	17465	1.12	cps
Titanium	47-1	252016	251727	251524	251756	0.10	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 18:58:32	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45691	46949	45601	46080	1.64	cps
Vanadium	51-2	145261	145454	144996	145237	0.16	cps
Yttrium	89-1	20817229	20590632	20668360	20692074	0.56	cps
Yttrium	89-2	5567704	5534986	5530307	5544332	0.37	cps
Zinc	66-2	180719	179686	180621	180342	0.32	cps
Zirconium	90-1	37912	37588	37481	37660	0.60	cps
Zirconium	91-1	8703	8332	8286	8440	2.71	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:01:42	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3856713	3934567	3894489	3895256	1.00	cps
Antimony	121-1	7055	6955	7035	7015	0.75	cps
Arsenic	75-2	11768	12012	11731	11837	1.29	cps
Barium	135-1	356546	362889	358303	359246	0.91	cps
Barium	137-1	619503	622372	622848	621574	0.29	cps
Beryllium	9-1	1560	1513	1517	1530	1.70	cps
Bismuth	209-1	10430371	10194508	10226559	10283813	1.24	cps
Bismuth	209-2	8426175	8423511	8349774	8399820	0.52	cps
Bromine	81-1	17280	17838	17864	17661	1.87	cps
Bromine	81-2	923	957	1027	969	5.44	cps
Cadmium	108-1	267	287	227	260	11.75	cps
Cadmium	106-1	5778	5274	5514	5522	4.56	cps
Cadmium	111-1	6355	6002	6162	6173	2.86	cps
Calcium	43-1	5468727	5484356	5412021	5455035	0.70	cps
Calcium	44-1	88116529	88104792	87716452	87979258	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179133	176317	176401	177284	0.90	cps
Cobalt	59-2	163243	162731	164386	163454	0.52	cps
Copper	63-2	243675	243382	241695	242917	0.44	cps
Dysprosium	156-1	71119	72529	72713	72120	1.21	cps
Dysprosium	156-2	57263	57906	57520	57563	0.56	cps
Erbium	164-1	61729	63570	63135	62811	1.53	cps
Erbium	164-2	43899	43558	43885	43781	0.44	cps
Gadolinium	160-1	72372	72724	73220	72772	0.59	cps
Gadolinium	160-2	54003	53475	53458	53645	0.58	cps
Holmium	165-1	17729257	17281829	17049795	17353627	1.99	cps
Holmium	165-2	11987424	11910353	11771307	11889695	0.92	cps
Indium	115-1	13605978	13234696	13054714	13298462	2.11	cps
Indium	115-2	4665797	4618283	4661482	4648521	0.57	cps
Iron	56-2	208863384	209658997	208092430	208871604	0.38	cps
Iron	57-2	5254517	5232114	5277058	5254563	0.43	cps
Iron	54-2	11413492	11340896	11318426	11357605	0.44	cps
Krypton	83-1	333	273	353	320	13.01	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:01:42	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	398905	404287	405607	402933	0.88	cps
Lead	207-1	313872	321512	325205	320196	1.81	cps
Lead	208-1	1487383	1520246	1521089	1509573	1.27	cps
Lithium	6-1	2077648	1970251	1994283	2014061	2.80	cps
Magnesium	24-2	17495692	17529318	17364807	17463272	0.50	cps
Manganese	55-2	4202826	4174983	4139417	4172408	0.76	cps
Molybdenum	94-1	48804	49196	49329	49110	0.56	cps
Molybdenum	95-1	48687	49878	49881	49482	1.39	cps
Molybdenum	96-1	58229	59390	59932	59183	1.47	cps
Molybdenum	97-1	30802	31911	31611	31442	1.82	cps
Molybdenum	98-1	80142	81525	81516	81061	0.98	cps
Neodymium	150-1	106267	107530	107512	107103	0.68	cps
Neodymium	150-2	63314	63268	63412	63331	0.12	cps
Nickel	60-2	108670	105568	106340	106859	1.51	cps
Phosphorus	31-2	12031	11875	12041	11983	0.78	cps
Potassium	39-2	1268956	1250606	1268017	1262527	0.82	cps
Rhodium	103-1	12452774	12121069	12037221	12203688	1.80	cps
Rhodium	103-2	7207626	7134657	7205889	7182724	0.58	cps
Scandium	45-1	7317760	7078920	7044333	7147004	2.08	cps
Scandium	45-2	589471	591854	592374	591233	0.26	cps
Selenium	82-1	722	791	717	743	5.54	cps
Selenium	77-2	173	193	170	179	7.06	cps
Selenium	78-2	487	547	547	527	6.58	cps
Silicon	28-1	23683657	23540300	23798086	23674014	0.55	cps
Silver	107-1	3047	3117	2894	3019	3.78	cps
Silver	109-1	2920	2940	2724	2861	4.19	cps
Sodium	23-2	208947	207995	207627	208190	0.33	cps
Strontium	86-1	806601	818666	816567	813944	0.79	cps
Strontium	88-1	7108473	7224254	7154487	7162405	0.81	cps
Sulfur	34-1	441242	445068	440937	442416	0.52	cps
Terbium	159-1	18069896	17511073	17631227	17737399	1.66	cps
Terbium	159-2	11737840	11789552	11761819	11763071	0.22	cps
Thallium	203-1	5348	5144	5191	5228	2.04	cps
Thallium	205-1	12152	12743	12499	12465	2.38	cps
Tin	118-1	14150	14951	14681	14594	2.79	cps
Titanium	47-1	268752	268581	270820	269384	0.46	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:01:42	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	121654	126572	125182	124469	2.04	cps
Vanadium	51-2	179632	178431	178313	178792	0.41	cps
Yttrium	89-1	21610926	21059787	20565853	21078855	2.48	cps
Yttrium	89-2	5536844	5543479	5624353	5568225	0.87	cps
Zinc	66-2	159006	157935	157400	158114	0.52	cps
Zirconium	90-1	57743	56973	59480	58065	2.21	cps
Zirconium	91-1	12108	13119	12702	12643	4.02	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-21	Instrumnet Name :	P7
Client Sample ID :	ME28Y5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:04:49	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3067155	3066828	3066855	3066946	0.01	cps
Antimony	121-1	5478	5965	5788	5743	4.29	cps
Arsenic	75-2	9376	9396	9707	9493	1.95	cps
Barium	135-1	549338	546575	548300	548071	0.25	cps
Barium	137-1	947351	957187	948676	951071	0.56	cps
Beryllium	9-1	1190	1157	1187	1178	1.56	cps
Bismuth	209-1	10591102	10263292	10275883	10376759	1.79	cps
Bismuth	209-2	8393729	8386612	8347152	8375831	0.30	cps
Bromine	81-1	15915	15708	16483	16035	2.50	cps
Bromine	81-2	607	680	650	646	5.71	cps
Cadmium	108-1	240	183	230	218	13.89	cps
Cadmium	106-1	6138	5404	5584	5709	6.70	cps
Cadmium	111-1	5662	5035	5035	5244	6.91	cps
Calcium	43-1	6217394	6192499	6139305	6183066	0.65	cps
Calcium	44-1	100686019	99688402	98542992	99639137	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118544	120258	120788	119863	0.98	cps
Cobalt	59-2	128514	127839	127771	128041	0.32	cps
Copper	63-2	201292	201332	201863	201495	0.16	cps
Dysprosium	156-1	64079	65016	63985	64360	0.89	cps
Dysprosium	156-2	50889	50952	50895	50912	0.07	cps
Erbium	164-1	56664	57759	57719	57380	1.08	cps
Erbium	164-2	40572	40505	40268	40448	0.40	cps
Gadolinium	160-1	65298	66416	65248	65654	1.01	cps
Gadolinium	160-2	48774	48544	48169	48496	0.63	cps
Holmium	165-1	17546576	17201136	17099778	17282497	1.36	cps
Holmium	165-2	12071073	12013655	11789684	11958137	1.24	cps
Indium	115-1	13578751	13168857	13211685	13319764	1.69	cps
Indium	115-2	4703723	4603658	4613244	4640208	1.19	cps
Iron	56-2	162910648	161366208	161189304	161822053	0.59	cps
Iron	57-2	4167520	4099177	4067313	4111337	1.25	cps
Iron	54-2	8663164	8764863	8787698	8738575	0.76	cps
Krypton	83-1	263	323	287	291	10.39	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-21	Instrumnet Name :	P7
Client Sample ID :	ME28Y5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:04:49	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	193476	195132	195432	194680	0.54	cps
Lead	207-1	151518	153753	152330	152534	0.74	cps
Lead	208-1	720722	731847	730258	727609	0.83	cps
Lithium	6-1	2045645	1961969	2020157	2009257	2.13	cps
Magnesium	24-2	13394866	13376479	13439189	13403511	0.24	cps
Manganese	55-2	3207391	3224060	3243732	3225061	0.56	cps
Molybdenum	94-1	95723	96619	94992	95778	0.85	cps
Molybdenum	95-1	69293	68519	68834	68882	0.56	cps
Molybdenum	96-1	84646	86098	85444	85396	0.85	cps
Molybdenum	97-1	42923	43471	42973	43122	0.70	cps
Molybdenum	98-1	111280	110846	110474	110867	0.36	cps
Neodymium	150-1	94873	95551	94416	94947	0.60	cps
Neodymium	150-2	56934	56844	56971	56916	0.12	cps
Nickel	60-2	82264	82800	81641	82235	0.71	cps
Phosphorus	31-2	11251	10727	10927	10968	2.41	cps
Potassium	39-2	1075879	1071532	1078819	1075410	0.34	cps
Rhodium	103-1	12484794	12059836	11932301	12158977	2.38	cps
Rhodium	103-2	7217434	7183502	7197906	7199614	0.24	cps
Scandium	45-1	7426999	6990253	6903422	7106892	3.95	cps
Scandium	45-2	597940	590568	593901	594136	0.62	cps
Selenium	82-1	847	659	695	734	13.55	cps
Selenium	77-2	150	190	187	176	12.64	cps
Selenium	78-2	493	580	510	528	8.71	cps
Silicon	28-1	21079585	20934026	20432196	20815269	1.63	cps
Silver	107-1	1360	1453	1343	1386	4.28	cps
Silver	109-1	1110	1143	1127	1127	1.48	cps
Sodium	23-2	206667	206078	204300	205681	0.60	cps
Strontium	86-1	1060267	1069197	1057680	1062381	0.57	cps
Strontium	88-1	9368049	9356709	9502417	9409058	0.86	cps
Sulfur	34-1	600525	591501	592594	594873	0.83	cps
Terbium	159-1	17944503	17604188	17428398	17659030	1.49	cps
Terbium	159-2	11822111	11698371	11653757	11724747	0.74	cps
Thallium	203-1	2867	2834	2947	2883	2.02	cps
Thallium	205-1	6925	6715	7119	6920	2.92	cps
Tin	118-1	13473	13657	13647	13592	0.76	cps
Titanium	47-1	279301	279468	282387	280385	0.62	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-21	Instrumnet Name :	P7
Client Sample ID :	ME28Y5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:04:49	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	105151	108233	106079	106488	1.48	cps
Vanadium	51-2	128545	129560	128057	128721	0.60	cps
Yttrium	89-1	21442721	20934800	20778236	21051919	1.65	cps
Yttrium	89-2	5613822	5535067	5526443	5558444	0.87	cps
Zinc	66-2	97700	98083	97901	97895	0.20	cps
Zirconium	90-1	152775	155402	154526	154234	0.87	cps
Zirconium	91-1	33762	35196	34661	34540	2.10	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-01	Instrumnet Name :	P7
Client Sample ID :	MJNKB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:07:59	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2176388	2195712	2161081	2177727	0.80	cps
Antimony	121-1	201942	201913	201218	201691	0.20	cps
Arsenic	75-2	43504	43387	43717	43536	0.39	cps
Barium	135-1	92692	94387	93611	93563	0.91	cps
Barium	137-1	162844	162041	162322	162403	0.25	cps
Beryllium	9-1	400	433	420	418	4.02	cps
Bismuth	209-1	10721052	10765923	10582423	10689799	0.89	cps
Bismuth	209-2	8660622	8699520	8604513	8654885	0.55	cps
Bromine	81-1	39977	41909	43628	41838	4.36	cps
Bromine	81-2	6168	5838	6055	6020	2.79	cps
Cadmium	108-1	103	140	110	118	16.58	cps
Cadmium	106-1	5498	4984	5271	5251	4.90	cps
Cadmium	111-1	4553	4341	4463	4452	2.39	cps
Calcium	43-1	304016	303341	300985	302781	0.53	cps
Calcium	44-1	4779184	4775294	4716831	4757103	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103361	102690	103257	103103	0.35	cps
Cobalt	59-2	91798	91118	91302	91406	0.39	cps
Copper	63-2	507039	508820	509519	508459	0.25	cps
Dysprosium	156-1	27981	27467	27604	27684	0.96	cps
Dysprosium	156-2	22044	23042	22922	22669	2.40	cps
Erbium	164-1	22999	23436	23924	23453	1.97	cps
Erbium	164-2	16386	16343	16436	16389	0.29	cps
Gadolinium	160-1	27193	27778	27671	27547	1.13	cps
Gadolinium	160-2	20689	20388	20148	20408	1.33	cps
Holmium	165-1	17294945	17368890	17217739	17293858	0.44	cps
Holmium	165-2	11967961	12166483	12022272	12052239	0.85	cps
Indium	115-1	13596570	13498866	13411905	13502447	0.68	cps
Indium	115-2	4792678	4768896	4827433	4796335	0.61	cps
Iron	56-2	89440795	90167355	90551712	90053288	0.63	cps
Iron	57-2	2209415	2244146	2264893	2239485	1.25	cps
Iron	54-2	4891345	4857496	4874808	4874549	0.35	cps
Krypton	83-1	307	247	190	248	23.55	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-01	Instrumnet Name :	P7
Client Sample ID :	MJNKB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:07:59	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1000069	997659	1004537	1000755	0.35	cps
Lead	207-1	853754	863094	854157	857002	0.62	cps
Lead	208-1	3999282	4003096	4003341	4001906	0.06	cps
Lithium	6-1	1969126	1973262	2000464	1980951	0.86	cps
Magnesium	24-2	2477857	2479003	2503454	2486771	0.58	cps
Manganese	55-2	1047701	1044482	1041395	1044526	0.30	cps
Molybdenum	94-1	19560	20171	19940	19890	1.55	cps
Molybdenum	95-1	9400	9300	9173	9291	1.22	cps
Molybdenum	96-1	13570	13353	13289	13404	1.10	cps
Molybdenum	97-1	6125	5848	5991	5988	2.31	cps
Molybdenum	98-1	15231	15118	15318	15222	0.66	cps
Neodymium	150-1	46015	46222	45473	45903	0.84	cps
Neodymium	150-2	27243	27109	26996	27116	0.46	cps
Nickel	60-2	44115	43864	44192	44057	0.39	cps
Phosphorus	31-2	12949	13333	13486	13256	2.09	cps
Potassium	39-2	1112678	1113711	1115205	1113865	0.11	cps
Rhodium	103-1	12436580	12478091	12358294	12424322	0.49	cps
Rhodium	103-2	7533419	7498803	7474696	7502306	0.39	cps
Scandium	45-1	7027138	7030431	7031945	7029838	0.03	cps
Scandium	45-2	603134	608024	606525	605894	0.41	cps
Selenium	82-1	471	603	609	561	13.87	cps
Selenium	77-2	97	83	90	90	7.41	cps
Selenium	78-2	510	467	483	487	4.49	cps
Silicon	28-1	25163028	25588509	25046175	25265904	1.13	cps
Silver	107-1	3867	3557	3834	3753	4.54	cps
Silver	109-1	3397	3507	3600	3502	2.91	cps
Sodium	23-2	6774462	6716758	6741409	6744210	0.43	cps
Strontium	86-1	301935	303583	302988	302835	0.28	cps
Strontium	88-1	2652631	2656271	2690878	2666593	0.79	cps
Sulfur	34-1	258734	259712	253364	257270	1.33	cps
Terbium	159-1	17462422	17613502	17640710	17572211	0.55	cps
Terbium	159-2	11845151	11778681	11997151	11873661	0.94	cps
Thallium	203-1	1767	1760	1800	1776	1.21	cps
Thallium	205-1	4221	4047	4384	4217	3.99	cps
Tin	118-1	73573	73895	73707	73725	0.22	cps
Titanium	47-1	567602	568639	564311	566851	0.40	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-01	Instrumnet Name :	P7
Client Sample ID :	MJNKB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:07:59	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19581	19534	19731	19616	0.52	cps
Vanadium	51-2	152542	154462	154929	153977	0.82	cps
Yttrium	89-1	20962888	20637223	20800211	20800107	0.78	cps
Yttrium	89-2	5530845	5613822	5509114	5551260	1.00	cps
Zinc	66-2	368655	369800	370583	369679	0.26	cps
Zirconium	90-1	39560	39262	40349	39724	1.41	cps
Zirconium	91-1	8789	9026	9020	8945	1.51	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-02	Instrumnet Name :	P7
Client Sample ID :	MJNKB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:11:05	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2244219	2228286	2229580	2234028	0.40	cps
Antimony	121-1	47227	46843	46114	46728	1.21	cps
Arsenic	75-2	7265	7549	7268	7361	2.21	cps
Barium	135-1	60424	59631	59393	59816	0.90	cps
Barium	137-1	103198	103634	102060	102964	0.79	cps
Beryllium	9-1	470	373	350	398	15.99	cps
Bismuth	209-1	10455865	10439486	10484003	10459785	0.22	cps
Bismuth	209-2	8636168	8603431	8532108	8590569	0.62	cps
Bromine	81-1	48051	51131	51432	50205	3.73	cps
Bromine	81-2	7435	7365	7382	7394	0.49	cps
Cadmium	108-1	87	83	77	82	6.19	cps
Cadmium	106-1	5331	5138	5268	5245	1.88	cps
Cadmium	111-1	4384	4255	4330	4323	1.51	cps
Calcium	43-1	1202717	1193383	1182267	1192789	0.86	cps
Calcium	44-1	18666003	18420968	18570204	18552391	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69358	68876	69606	69280	0.54	cps
Cobalt	59-2	54642	53829	54412	54294	0.77	cps
Copper	63-2	310492	311080	308769	310114	0.39	cps
Dysprosium	156-1	21199	21690	21490	21460	1.15	cps
Dysprosium	156-2	16907	17187	17401	17165	1.44	cps
Erbium	164-1	20051	20218	20055	20108	0.47	cps
Erbium	164-2	13920	13997	14357	14092	1.66	cps
Gadolinium	160-1	21710	21720	21493	21641	0.59	cps
Gadolinium	160-2	16527	16870	16410	16602	1.44	cps
Holmium	165-1	17024593	17258992	17081477	17121687	0.71	cps
Holmium	165-2	11910257	11994039	11684074	11862790	1.35	cps
Indium	115-1	13390611	13421880	13101704	13304732	1.33	cps
Indium	115-2	4717341	4702209	4675054	4698201	0.46	cps
Iron	56-2	60073917	60479412	60171581	60241637	0.35	cps
Iron	57-2	1528882	1510057	1514194	1517711	0.65	cps
Iron	54-2	3306713	3264299	3238924	3269979	1.05	cps
Krypton	83-1	323	240	227	263	19.89	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-02	Instrumnet Name :	P7
Client Sample ID :	MJNKB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:11:05	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	220072	222857	220448	221126	0.68	cps
Lead	207-1	186883	185856	186312	186350	0.28	cps
Lead	208-1	861003	866270	862914	863396	0.31	cps
Lithium	6-1	1950291	1952069	1979776	1960712	0.84	cps
Magnesium	24-2	2237989	2204051	2177947	2206662	1.36	cps
Manganese	55-2	718904	715790	715657	716784	0.26	cps
Molybdenum	94-1	16910	16806	16089	16602	2.69	cps
Molybdenum	95-1	7469	7422	7522	7471	0.67	cps
Molybdenum	96-1	10731	10797	10941	10823	0.99	cps
Molybdenum	97-1	4637	4684	4871	4731	2.61	cps
Molybdenum	98-1	11978	11918	11905	11934	0.33	cps
Neodymium	150-1	33189	33630	32965	33261	1.02	cps
Neodymium	150-2	19584	20004	19707	19765	1.09	cps
Nickel	60-2	34012	34119	33234	33788	1.43	cps
Phosphorus	31-2	9039	8993	9213	9082	1.28	cps
Potassium	39-2	886298	884010	880629	883646	0.32	cps
Rhodium	103-1	12316590	12261270	12160825	12246228	0.64	cps
Rhodium	103-2	7276806	7282526	7206626	7255319	0.58	cps
Scandium	45-1	6960473	6908299	6908650	6925807	0.43	cps
Scandium	45-2	586031	583139	580660	583277	0.46	cps
Selenium	82-1	516	613	619	583	9.91	cps
Selenium	77-2	63	60	57	60	5.55	cps
Selenium	78-2	467	457	413	446	6.36	cps
Silicon	28-1	20300636	19959017	19870466	20043373	1.13	cps
Silver	107-1	2247	2187	2377	2270	4.28	cps
Silver	109-1	2090	2087	2023	2067	1.82	cps
Sodium	23-2	6590482	6491434	6547381	6543099	0.76	cps
Strontium	86-1	1491683	1487057	1472036	1483592	0.69	cps
Strontium	88-1	13133634	13145795	12857249	13045559	1.25	cps
Sulfur	34-1	289529	286130	285720	287126	0.73	cps
Terbium	159-1	17512312	17400288	17597353	17503318	0.56	cps
Terbium	159-2	11811033	11700024	11798584	11769880	0.52	cps
Thallium	203-1	913	900	887	900	1.48	cps
Thallium	205-1	2377	2154	2204	2245	5.22	cps
Tin	118-1	18138	17978	17794	17970	0.96	cps
Titanium	47-1	402884	401045	397184	400371	0.73	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-02	Instrumnet Name :	P7
Client Sample ID :	MJNKB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:11:05	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32764	32971	32617	32784	0.54	cps
Vanadium	51-2	126364	126313	126730	126469	0.18	cps
Yttrium	89-1	20512334	20433546	20215001	20386960	0.76	cps
Yttrium	89-2	5446221	5381730	5431288	5419746	0.62	cps
Zinc	66-2	63980	63544	63839	63788	0.35	cps
Zirconium	90-1	32803	33555	33595	33318	1.34	cps
Zirconium	91-1	7602	7475	7325	7468	1.86	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-03	Instrumnet Name :	P7
Client Sample ID :	MJNKC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:14:15	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2133015	2148757	2138094	2139955	0.38	cps
Antimony	121-1	13526	13947	13800	13758	1.55	cps
Arsenic	75-2	6552	6541	6545	6546	0.08	cps
Barium	135-1	46091	47298	47352	46914	1.52	cps
Barium	137-1	81676	82129	81857	81887	0.28	cps
Beryllium	9-1	300	290	287	292	2.38	cps
Bismuth	209-1	10678824	10526668	10331972	10512488	1.65	cps
Bismuth	209-2	8824100	8757773	8670966	8750946	0.88	cps
Bromine	81-1	32452	34199	35733	34128	4.81	cps
Bromine	81-2	4047	4057	4321	4142	3.74	cps
Cadmium	108-1	83	97	93	91	7.62	cps
Cadmium	106-1	5548	5191	5044	5261	4.92	cps
Cadmium	111-1	4182	4039	3809	4010	4.69	cps
Calcium	43-1	196441	196830	200375	197882	1.10	cps
Calcium	44-1	3111149	3118538	3153321	3127669	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71428	72711	72158	72099	0.89	cps
Cobalt	59-2	50224	50501	50592	50439	0.38	cps
Copper	63-2	195510	195475	194081	195022	0.42	cps
Dysprosium	156-1	31706	32782	32758	32415	1.90	cps
Dysprosium	156-2	26953	26889	26669	26837	0.56	cps
Erbium	164-1	25400	25500	26151	25684	1.59	cps
Erbium	164-2	18522	18512	17758	18264	2.40	cps
Gadolinium	160-1	31783	31455	31342	31527	0.73	cps
Gadolinium	160-2	23523	23513	23319	23452	0.49	cps
Holmium	165-1	17525778	17164153	17254169	17314700	1.09	cps
Holmium	165-2	12303641	12257166	12033080	12197962	1.19	cps
Indium	115-1	13632423	13465774	13630433	13576210	0.70	cps
Indium	115-2	4933661	4818604	4785708	4845991	1.60	cps
Iron	56-2	67161239	66365322	66742367	66756310	0.60	cps
Iron	57-2	1644342	1679551	1647287	1657060	1.18	cps
Iron	54-2	3605329	3643666	3639467	3629487	0.58	cps
Krypton	83-1	300	237	270	269	11.78	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-03	Instrumnet Name :	P7
Client Sample ID :	MJNKC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:14:15	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	141014	140585	142153	141251	0.57	cps
Lead	207-1	119732	120580	121276	120529	0.64	cps
Lead	208-1	552806	557147	558465	556139	0.53	cps
Lithium	6-1	1985679	1993640	1953848	1977722	1.06	cps
Magnesium	24-2	1877190	1909072	1867600	1884621	1.15	cps
Manganese	55-2	544200	548971	549587	547586	0.54	cps
Molybdenum	94-1	18622	19303	18826	18917	1.85	cps
Molybdenum	95-1	2930	2937	3117	2995	3.54	cps
Molybdenum	96-1	7118	6908	6948	6992	1.60	cps
Molybdenum	97-1	1887	1943	1963	1931	2.06	cps
Molybdenum	98-1	4904	4934	4954	4931	0.51	cps
Neodymium	150-1	56332	56278	57309	56640	1.02	cps
Neodymium	150-2	33219	33924	33456	33533	1.07	cps
Nickel	60-2	28958	28587	29259	28935	1.16	cps
Phosphorus	31-2	13863	13883	14060	13935	0.78	cps
Potassium	39-2	691320	687018	684630	687656	0.49	cps
Rhodium	103-1	12551009	12540008	12581396	12557471	0.17	cps
Rhodium	103-2	7672814	7660691	7484030	7605845	1.39	cps
Scandium	45-1	7211072	7056301	7120065	7129146	1.09	cps
Scandium	45-2	617524	610020	608010	611851	0.82	cps
Selenium	82-1	572	604	612	596	3.56	cps
Selenium	77-2	93	80	110	94	15.92	cps
Selenium	78-2	490	467	483	480	2.50	cps
Silicon	28-1	22691383	22457926	22998715	22716008	1.19	cps
Silver	107-1	1133	1343	1150	1209	9.66	cps
Silver	109-1	1107	1107	1050	1088	3.01	cps
Sodium	23-2	4313427	4351925	4338164	4334505	0.45	cps
Strontium	86-1	188619	192897	192386	191301	1.22	cps
Strontium	88-1	1691512	1700332	1714809	1702218	0.69	cps
Sulfur	34-1	236325	233043	234292	234554	0.71	cps
Terbium	159-1	18004383	17532610	17581262	17706085	1.47	cps
Terbium	159-2	12068184	11886648	11871214	11942015	0.92	cps
Thallium	203-1	933	950	897	927	2.94	cps
Thallium	205-1	2104	2170	2304	2192	4.65	cps
Tin	118-1	10484	10741	10524	10583	1.31	cps
Titanium	47-1	661826	673897	676371	670698	1.16	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-03	Instrumnet Name :	P7
Client Sample ID :	MJNKC0	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:14:15	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15332	15933	15836	15700	2.05	cps
Vanadium	51-2	172558	173761	172386	172901	0.43	cps
Yttrium	89-1	21179069	20722858	20875298	20925742	1.11	cps
Yttrium	89-2	5697516	5639791	5564329	5633879	1.19	cps
Zinc	66-2	40883	41424	41190	41166	0.66	cps
Zirconium	90-1	47035	47527	47069	47210	0.58	cps
Zirconium	91-1	10250	10450	10627	10443	1.81	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:17:24	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4806255	4808883	4711556	4775565	1.16	cps
Antimony	121-1	7502933	7553501	7447776	7501403	0.70	cps
Arsenic	75-2	1656536	1672177	1659585	1662766	0.50	cps
Barium	135-1	1084060	1086134	1085524	1085239	0.10	cps
Barium	137-1	1931124	1902401	1919932	1917819	0.75	cps
Beryllium	9-1	1060	1257	1253	1190	9.46	cps
Bismuth	209-1	10814852	10669147	10612163	10698720	0.98	cps
Bismuth	209-2	8845870	8799813	8706346	8784010	0.81	cps
Bromine	81-1	46914	48790	50814	48839	3.99	cps
Bromine	81-2	7215	7018	6915	7050	2.16	cps
Cadmium	108-1	1463	1700	1603	1589	7.49	cps
Cadmium	106-1	7812	7549	7115	7492	4.70	cps
Cadmium	111-1	14654	14605	13562	14274	4.32	cps
Calcium	43-1	621712	629684	626261	625886	0.64	cps
Calcium	44-1	9654208	9666824	9922045	9747692	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227622	228830	227990	228147	0.27	cps
Cobalt	59-2	1728333	1671818	1725583	1708578	1.86	cps
Copper	63-2	6754013	6681564	6733592	6723056	0.56	cps
Dysprosium	156-1	35658	36046	36080	35928	0.65	cps
Dysprosium	156-2	29564	28713	29551	29276	1.67	cps
Erbium	164-1	36648	37009	36421	36693	0.81	cps
Erbium	164-2	26051	26338	25720	26037	1.19	cps
Gadolinium	160-1	35796	35485	35792	35691	0.50	cps
Gadolinium	160-2	26809	26572	26776	26719	0.48	cps
Holmium	165-1	17359949	17304934	17187010	17283964	0.51	cps
Holmium	165-2	12226436	12200281	12204171	12210296	0.12	cps
Indium	115-1	15386532	15051824	15084004	15174120	1.22	cps
Indium	115-2	5347667	5331498	5303732	5327632	0.42	cps
Iron	56-2	566487232	565254885	564241632	565327916	0.20	cps
Iron	57-2	14139496	13952054	14095442	14062331	0.70	cps
Iron	54-2	30591850	30556253	30686233	30611445	0.22	cps
Krypton	83-1	257	313	280	283	10.05	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:17:24	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21663961	21720988	21545249	21643399	0.41	cps
Lead	207-1	18697160	18712208	18718190	18709186	0.06	cps
Lead	208-1	85433665	85625862	85154543	85404690	0.28	cps
Lithium	6-1	1952680	1915449	1914367	1927499	1.13	cps
Magnesium	24-2	4445618	4493168	4466881	4468556	0.53	cps
Manganese	55-2	3763542	3754534	3756129	3758068	0.13	cps
Molybdenum	94-1	192335	192299	194180	192938	0.56	cps
Molybdenum	95-1	225982	227284	228188	227151	0.49	cps
Molybdenum	96-1	261637	263406	261777	262273	0.37	cps
Molybdenum	97-1	142732	141386	143314	142478	0.69	cps
Molybdenum	98-1	365198	366030	366448	365892	0.17	cps
Neodymium	150-1	54532	53919	54009	54153	0.61	cps
Neodymium	150-2	32274	31906	31842	32007	0.73	cps
Nickel	60-2	108767	107992	109214	108658	0.57	cps
Phosphorus	31-2	20994	21235	20714	20981	1.24	cps
Potassium	39-2	2926325	2870272	2805729	2867442	2.10	cps
Rhodium	103-1	12632681	12474354	12556430	12554488	0.63	cps
Rhodium	103-2	7497768	7648936	7533928	7560211	1.04	cps
Scandium	45-1	7334577	7215038	7229907	7259841	0.90	cps
Scandium	45-2	617561	622356	619119	619678	0.39	cps
Selenium	82-1	942	920	984	949	3.44	cps
Selenium	77-2	107	120	170	132	25.25	cps
Selenium	78-2	667	640	607	638	4.71	cps
Silicon	28-1	44245638	44401559	44464124	44370440	0.25	cps
Silver	107-1	53535	54264	53418	53739	0.85	cps
Silver	109-1	49832	50919	51060	50603	1.33	cps
Sodium	23-2	8479552	8505278	8426853	8470561	0.47	cps
Strontium	86-1	666529	667167	665605	666434	0.12	cps
Strontium	88-1	5814551	5874957	5834026	5841178	0.53	cps
Sulfur	34-1	270053	267222	265611	267628	0.84	cps
Terbium	159-1	17672180	17889373	17862954	17808169	0.67	cps
Terbium	159-2	11982918	11996344	11903191	11960817	0.42	cps
Thallium	203-1	9250	9850	9640	9580	3.18	cps
Thallium	205-1	22806	23203	22275	22761	2.05	cps
Tin	118-1	2851116	2848615	2880131	2859954	0.61	cps
Titanium	47-1	1169474	1178220	1176081	1174592	0.39	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:17:24	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	99263	100741	101599	100534	1.18	cps
Vanadium	51-2	257201	257464	256021	256895	0.30	cps
Yttrium	89-1	21392087	21097511	20938045	21142547	1.09	cps
Yttrium	89-2	5627777	5689887	5743651	5687105	1.02	cps
Zinc	66-2	8446510	8426330	8453392	8442077	0.17	cps
Zirconium	90-1	169192	172200	172938	171444	1.16	cps
Zirconium	91-1	39918	40205	40493	40205	0.72	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-05	Instrumnet Name :	P7
Client Sample ID :	MJNKC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:20:22	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3488060	3575787	3525251	3529699	1.25	cps
Antimony	121-1	3556200	3582358	3538877	3559145	0.62	cps
Arsenic	75-2	623886	623576	622666	623376	0.10	cps
Barium	135-1	409837	413365	411961	411721	0.43	cps
Barium	137-1	708427	715367	714422	712739	0.53	cps
Beryllium	9-1	750	777	733	753	2.90	cps
Bismuth	209-1	10655432	10596554	10576658	10609548	0.39	cps
Bismuth	209-2	8852259	8718958	8516104	8695774	1.95	cps
Bromine	81-1	51011	53928	54794	53244	3.72	cps
Bromine	81-2	7862	7936	7795	7864	0.89	cps
Cadmium	108-1	630	590	707	642	9.23	cps
Cadmium	106-1	5958	5614	5581	5718	3.65	cps
Cadmium	111-1	8207	7945	7799	7984	2.59	cps
Calcium	43-1	384115	383603	381911	383209	0.30	cps
Calcium	44-1	6055326	5974818	5924501	5984881	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168608	165581	165356	166515	1.09	cps
Cobalt	59-2	611885	610478	609346	610569	0.21	cps
Copper	63-2	2442723	2429446	2420159	2430776	0.47	cps
Dysprosium	156-1	30323	31084	30931	30779	1.31	cps
Dysprosium	156-2	25293	24571	25026	24963	1.46	cps
Erbium	164-1	29448	29832	29959	29746	0.89	cps
Erbium	164-2	21039	20542	20452	20678	1.53	cps
Gadolinium	160-1	31168	31278	31235	31227	0.18	cps
Gadolinium	160-2	23203	23450	22689	23114	1.68	cps
Holmium	165-1	17585865	17156128	17289759	17343917	1.27	cps
Holmium	165-2	12239418	12181791	12000577	12140595	1.03	cps
Indium	115-1	14219158	14085647	14058725	14121177	0.61	cps
Indium	115-2	5039010	5005070	5007817	5017299	0.38	cps
Iron	56-2	266482256	267531063	266835129	266949483	0.20	cps
Iron	57-2	6595751	6620163	6575940	6597285	0.34	cps
Iron	54-2	14448242	14428572	14406178	14427664	0.15	cps
Krypton	83-1	243	280	267	263	7.05	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-05	Instrumnet Name :	P7
Client Sample ID :	MJNKC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:20:22	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8461277	8665530	8681280	8602696	1.43	cps
Lead	207-1	7392037	7424610	7514963	7443870	0.86	cps
Lead	208-1	33794082	34182165	34278513	34084920	0.75	cps
Lithium	6-1	1940895	1936480	1926099	1934491	0.39	cps
Magnesium	24-2	3583077	3584483	3622663	3596741	0.62	cps
Manganese	55-2	2146846	2203971	2155048	2168622	1.42	cps
Molybdenum	94-1	87714	89595	87986	88431	1.15	cps
Molybdenum	95-1	93459	93791	94439	93896	0.53	cps
Molybdenum	96-1	108680	108542	108018	108414	0.32	cps
Molybdenum	97-1	58172	58630	58694	58499	0.49	cps
Molybdenum	98-1	148657	151055	149927	149879	0.80	cps
Neodymium	150-1	47717	47995	47570	47761	0.45	cps
Neodymium	150-2	27847	27457	27918	27741	0.90	cps
Nickel	60-2	84040	83269	85056	84122	1.07	cps
Phosphorus	31-2	15678	15691	16115	15828	1.57	cps
Potassium	39-2	1786260	1806088	1732974	1775107	2.13	cps
Rhodium	103-1	12750232	12470144	12465266	12561881	1.30	cps
Rhodium	103-2	7614477	7435080	7457607	7502388	1.30	cps
Scandium	45-1	7279208	7099058	7056904	7145056	1.65	cps
Scandium	45-2	607194	601651	601612	603486	0.53	cps
Selenium	82-1	763	794	772	776	2.08	cps
Selenium	77-2	73	93	73	80	14.43	cps
Selenium	78-2	580	567	467	538	11.52	cps
Silicon	28-1	32942451	32992498	32634950	32856633	0.59	cps
Silver	107-1	17524	17491	17250	17422	0.86	cps
Silver	109-1	16620	16733	16333	16562	1.25	cps
Sodium	23-2	7738344	7779284	7800041	7772556	0.40	cps
Strontium	86-1	385778	389564	383022	386121	0.85	cps
Strontium	88-1	3445971	3441743	3425002	3437572	0.32	cps
Sulfur	34-1	240707	238556	234549	237937	1.31	cps
Terbium	159-1	17866202	17858598	17777388	17834063	0.28	cps
Terbium	159-2	11969211	11905989	11794378	11889859	0.74	cps
Thallium	203-1	5081	4948	4978	5002	1.40	cps
Thallium	205-1	12002	12276	11919	12065	1.55	cps
Tin	118-1	1058361	1064117	1061412	1061297	0.27	cps
Titanium	47-1	762488	760607	758524	760539	0.26	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-05	Instrumnet Name :	P7
Client Sample ID :	MJNKC6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:20:22	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53347	53500	54052	53633	0.69	cps
Vanadium	51-2	213177	213593	211353	212708	0.56	cps
Yttrium	89-1	21199072	21000726	20541156	20913651	1.61	cps
Yttrium	89-2	5609437	5569464	5551483	5576794	0.53	cps
Zinc	66-2	3122715	3073598	3081580	3092631	0.85	cps
Zirconium	90-1	93640	95065	94337	94347	0.76	cps
Zirconium	91-1	21843	22270	21656	21923	1.44	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:26:12	DataFile Name :	107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12640404	12682729	12669547	12664227	0.17	cps
Antimony	121-1	6086949	6105730	6064525	6085735	0.34	cps
Arsenic	75-2	296621	294684	291470	294258	0.88	cps
Barium	135-1	7918236	7925735	7874568	7906180	0.35	cps
Barium	137-1	13593209	13531025	13506704	13543646	0.33	cps
Beryllium	9-1	694520	711009	701910	702480	1.18	cps
Bismuth	209-1	9920061	9368147	9462134	9583447	3.08	cps
Bismuth	209-2	7737818	7777278	7733968	7749688	0.31	cps
Bromine	81-1	13900	13873	13573	13782	1.32	cps
Bromine	81-2	180	187	210	192	8.19	cps
Cadmium	108-1	113049	114656	111457	113054	1.41	cps
Cadmium	106-1	164416	164041	164668	164375	0.19	cps
Cadmium	111-1	1502587	1520595	1516764	1513315	0.63	cps
Calcium	43-1	7580190	7647189	7674259	7633879	0.63	cps
Calcium	44-1	122465095	123094298	123679648	123079680	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2187667	2223660	2184019	2198448	1.00	cps
Cobalt	59-2	3441328	3494399	3430023	3455250	0.99	cps
Copper	63-2	24499207	24564565	24459654	24507809	0.22	cps
Dysprosium	156-1	333	297	317	316	5.82	cps
Dysprosium	156-2	527	490	617	544	11.97	cps
Erbium	164-1	350	383	420	384	9.11	cps
Erbium	164-2	280	230	253	254	9.83	cps
Gadolinium	160-1	257	273	337	289	14.61	cps
Gadolinium	160-2	793	887	820	833	5.77	cps
Holmium	165-1	17363190	16295224	16433716	16697377	3.48	cps
Holmium	165-2	11401981	11644557	11447789	11498109	1.12	cps
Indium	115-1	12729415	12113493	11913864	12252257	3.47	cps
Indium	115-2	4304230	4389175	4209008	4300804	2.10	cps
Iron	56-2	520197539	521941686	521522232	521220486	0.17	cps
Iron	57-2	13110079	13080699	12986763	13059181	0.49	cps
Iron	54-2	28291813	28093846	28151719	28179126	0.36	cps
Krypton	83-1	260	223	203	229	12.56	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:26:12	DataFile Name :	107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24506221	24950636	24756138	24737665	0.90	cps
Lead	207-1	21400708	21591530	21391263	21461167	0.53	cps
Lead	208-1	97214782	98493527	97741075	97816461	0.66	cps
Lithium	6-1	1898756	1824680	1849911	1857783	2.03	cps
Magnesium	24-2	100366725	100037685	99339712	99914707	0.52	cps
Manganese	55-2	17528817	17688106	17670694	17629206	0.50	cps
Molybdenum	94-1	21101692	21132446	21058368	21097502	0.18	cps
Molybdenum	95-1	30215046	30350510	30461785	30342447	0.41	cps
Molybdenum	96-1	33007588	33827080	33500912	33445193	1.23	cps
Molybdenum	97-1	18903226	19029156	19015156	18982513	0.36	cps
Molybdenum	98-1	49070609	49099943	49119551	49096701	0.05	cps
Neodymium	150-1	540	590	550	560	4.72	cps
Neodymium	150-2	180	180	233	198	15.57	cps
Nickel	60-2	847195	843099	844301	844865	0.25	cps
Phosphorus	31-2	113752	114403	115467	114541	0.76	cps
Potassium	39-2	63612131	63741109	63285481	63546240	0.37	cps
Rhodium	103-1	11425304	10773735	10733294	10977444	3.54	cps
Rhodium	103-2	6405293	6495001	6428716	6443004	0.72	cps
Scandium	45-1	6752772	6497493	6438634	6562966	2.54	cps
Scandium	45-2	553396	559983	551517	554965	0.80	cps
Selenium	82-1	86467	87122	86676	86755	0.39	cps
Selenium	77-2	8756	8836	8659	8750	1.01	cps
Selenium	78-2	30378	30612	30572	30520	0.41	cps
Silicon	28-1	7664367	7706642	7661380	7677463	0.33	cps
Silver	107-1	7434432	7372966	7461775	7423058	0.61	cps
Silver	109-1	7064202	7090720	7038127	7064350	0.37	cps
Sodium	23-2	161026574	161282331	159147881	160485595	0.73	cps
Strontium	86-1	1902121	1907109	1895743	1901658	0.30	cps
Strontium	88-1	16294581	16421047	16500460	16405363	0.63	cps
Sulfur	34-1	576907	578836	574143	576629	0.41	cps
Terbium	159-1	17526546	16487539	16630582	16881556	3.34	cps
Terbium	159-2	11377097	11228027	11081096	11228740	1.32	cps
Thallium	203-1	6161505	6178017	6148178	6162567	0.24	cps
Thallium	205-1	14649850	14809716	14718016	14725861	0.54	cps
Tin	118-1	5048086	5114535	4979155	5047259	1.34	cps
Titanium	47-1	6965796	7161655	7013344	7046932	1.45	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:26:12	DataFile Name :	107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19660859	19617686	19573936	19617493	0.22	cps
Vanadium	51-2	1959031	1981507	1973712	1971417	0.58	cps
Yttrium	89-1	19624673	18596979	18619525	18947059	3.10	cps
Yttrium	89-2	4990026	5104971	5033340	5042779	1.15	cps
Zinc	66-2	4145648	4149863	4111171	4135561	0.51	cps
Zirconium	90-1	10097554	10200601	10202064	10166739	0.59	cps
Zirconium	91-1	2255110	2269755	2247304	2257390	0.50	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:28:58	DataFile Name :	108CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1323	1433	1420	1392	4.31	cps
Antimony	121-1	3717	3374	3140	3410	8.51	cps
Arsenic	75-2	40	67	53	53	25.00	cps
Barium	135-1	1053	993	967	1004	4.42	cps
Barium	137-1	1860	1747	1747	1785	3.67	cps
Beryllium	9-1	290	227	243	253	12.96	cps
Bismuth	209-1	10481631	10557553	10407540	10482241	0.72	cps
Bismuth	209-2	8640081	8691195	8677605	8669627	0.31	cps
Bromine	81-1	13533	13516	14164	13738	2.69	cps
Bromine	81-2	200	263	243	236	13.75	cps
Cadmium	108-1	30	40	37	36	14.32	cps
Cadmium	106-1	4941	4624	4687	4751	3.53	cps
Cadmium	111-1	3684	3456	3472	3537	3.60	cps
Calcium	43-1	1283	1197	1053	1178	9.86	cps
Calcium	44-1	27756	25612	25198	26189	5.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1770	1693	1703	1722	2.42	cps
Cobalt	59-2	477	523	560	520	8.03	cps
Copper	63-2	4574	4677	4607	4620	1.14	cps
Dysprosium	156-1	3	7	7	6	34.70	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	53	90	113	86	35.35	cps
Erbium	164-2	50	77	57	61	22.71	cps
Gadolinium	160-1	50	40	60	50	20.00	cps
Gadolinium	160-2	607	587	677	623	7.58	cps
Holmium	165-1	16542605	16807085	16779996	16709895	0.87	cps
Holmium	165-2	11773404	11838790	11787149	11799781	0.29	cps
Indium	115-1	13100092	12907628	13119959	13042560	0.90	cps
Indium	115-2	4731889	4739950	4780315	4750718	0.55	cps
Iron	56-2	79130	79991	77867	78996	1.35	cps
Iron	57-2	2457	2444	2320	2407	3.13	cps
Iron	54-2	5508	5808	5484	5600	3.22	cps
Krypton	83-1	180	247	223	217	15.61	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:28:58	DataFile Name :	108CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4391	4071	3977	4146	5.23	cps
Lead	207-1	3564	3477	3327	3456	3.47	cps
Lead	208-1	16881	15874	15454	16069	4.56	cps
Lithium	6-1	1931338	1954855	1956548	1947580	0.72	cps
Magnesium	24-2	11925	11404	11141	11490	3.47	cps
Manganese	55-2	2857	2837	2657	2784	3.96	cps
Molybdenum	94-1	3851	3297	3287	3478	9.27	cps
Molybdenum	95-1	4551	4247	4261	4353	3.94	cps
Molybdenum	96-1	5284	4817	4501	4868	8.10	cps
Molybdenum	97-1	3084	2727	2484	2765	10.92	cps
Molybdenum	98-1	7996	6622	6582	7066	11.39	cps
Neodymium	150-1	10	17	13	13	25.01	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	423	473	387	428	10.17	cps
Phosphorus	31-2	183	173	213	190	10.96	cps
Potassium	39-2	60908	60312	59495	60238	1.18	cps
Rhodium	103-1	12005079	11984305	11914406	11967930	0.40	cps
Rhodium	103-2	7318984	7340179	7418535	7359233	0.71	cps
Scandium	45-1	6567241	6652558	6602332	6607377	0.65	cps
Scandium	45-2	571790	576692	577942	575475	0.57	cps
Selenium	82-1	564	514	478	519	8.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	420	397	450	422	6.33	cps
Silicon	28-1	574574	576114	575292	575327	0.13	cps
Silver	107-1	2027	1920	1737	1895	7.74	cps
Silver	109-1	1750	1577	1530	1619	7.16	cps
Sodium	23-2	58558	56349	53680	56196	4.35	cps
Strontium	86-1	603	633	480	572	14.20	cps
Strontium	88-1	2300	2194	2277	2257	2.49	cps
Sulfur	34-1	172697	173920	176108	174242	0.99	cps
Terbium	159-1	16994199	17106053	16860938	16987063	0.72	cps
Terbium	159-2	11492914	11680927	11544024	11572622	0.84	cps
Thallium	203-1	2264	2240	2017	2174	6.27	cps
Thallium	205-1	5925	5084	4658	5222	12.35	cps
Tin	118-1	2430	2310	2310	2350	2.95	cps
Titanium	47-1	1110	907	907	974	12.05	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:28:58	DataFile Name :	108CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2437	1954	2100	2164	11.46	cps
Vanadium	51-2	240	240	227	236	3.27	cps
Yttrium	89-1	19273463	19192621	19315392	19260492	0.32	cps
Yttrium	89-2	5354001	5354539	5395831	5368124	0.45	cps
Zinc	66-2	1063	937	987	996	6.41	cps
Zirconium	90-1	3157	3344	3034	3178	4.91	cps
Zirconium	91-1	707	777	717	733	5.16	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:32:17	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3958099	3993601	3969334	3973678	0.46	cps
Antimony	121-1	7080851	7122328	7170801	7124660	0.63	cps
Arsenic	75-2	968529	972424	973424	971459	0.27	cps
Barium	135-1	619367	635151	630833	628450	1.30	cps
Barium	137-1	1075068	1096413	1096619	1089367	1.14	cps
Beryllium	9-1	933	963	877	924	4.76	cps
Bismuth	209-1	10830627	10784924	10886861	10834137	0.47	cps
Bismuth	209-2	8862228	8914841	8875236	8884102	0.31	cps
Bromine	81-1	48125	52463	55119	51902	6.80	cps
Bromine	81-2	8186	8122	8232	8180	0.68	cps
Cadmium	108-1	813	900	830	848	5.43	cps
Cadmium	106-1	6175	6115	6328	6206	1.77	cps
Cadmium	111-1	9417	9411	10057	9629	3.85	cps
Calcium	43-1	776598	793161	806140	791966	1.87	cps
Calcium	44-1	12156794	12450148	12622537	12409826	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	192785	192721	193723	193077	0.29	cps
Cobalt	59-2	911775	911674	916186	913212	0.28	cps
Copper	63-2	3485166	3499349	3502625	3495713	0.27	cps
Dysprosium	156-1	31913	32287	32107	32102	0.58	cps
Dysprosium	156-2	26579	26876	26098	26517	1.48	cps
Erbium	164-1	30597	31826	31034	31152	2.00	cps
Erbium	164-2	22692	22568	22562	22607	0.32	cps
Gadolinium	160-1	31649	31846	32030	31842	0.60	cps
Gadolinium	160-2	24505	24251	24381	24379	0.52	cps
Holmium	165-1	17620559	17566478	17573798	17586945	0.17	cps
Holmium	165-2	12529366	12360316	12474312	12454665	0.69	cps
Indium	115-1	14340257	14462170	14524296	14442241	0.65	cps
Indium	115-2	5290384	5265078	5308311	5287924	0.41	cps
Iron	56-2	361736955	364840448	362665075	363080826	0.44	cps
Iron	57-2	8910081	9017833	8953354	8960423	0.61	cps
Iron	54-2	19509318	19633654	19639420	19594131	0.38	cps
Krypton	83-1	250	277	330	286	14.26	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:32:17	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12493919	12257916	12169033	12306956	1.36	cps
Lead	207-1	10713597	10689482	10699094	10700724	0.11	cps
Lead	208-1	48967998	48776771	48928220	48890997	0.21	cps
Lithium	6-1	2029799	1990415	1969994	1996736	1.52	cps
Magnesium	24-2	4069386	4112824	4048188	4076799	0.81	cps
Manganese	55-2	2717111	2753219	2715703	2728678	0.78	cps
Molybdenum	94-1	95774	96015	97948	96579	1.23	cps
Molybdenum	95-1	118401	120185	121411	119999	1.26	cps
Molybdenum	96-1	135060	137993	137886	136980	1.21	cps
Molybdenum	97-1	73942	75484	75674	75033	1.27	cps
Molybdenum	98-1	191299	196859	196024	194727	1.54	cps
Neodymium	150-1	49486	49824	50500	49937	1.03	cps
Neodymium	150-2	30032	29564	30787	30128	2.05	cps
Nickel	60-2	89853	90756	89545	90051	0.70	cps
Phosphorus	31-2	19102	19402	19576	19360	1.24	cps
Potassium	39-2	2280615	2308554	2294422	2294530	0.61	cps
Rhodium	103-1	12425228	12563781	12631119	12540043	0.84	cps
Rhodium	103-2	7766347	7757855	7855352	7793185	0.69	cps
Scandium	45-1	7098427	7157889	7374573	7210296	2.02	cps
Scandium	45-2	644383	646670	646789	645947	0.21	cps
Selenium	82-1	855	875	733	821	9.37	cps
Selenium	77-2	90	120	143	118	22.70	cps
Selenium	78-2	650	517	607	591	11.51	cps
Silicon	28-1	30068377	30829622	31174666	30690888	1.84	cps
Silver	107-1	25726	25493	26040	25753	1.07	cps
Silver	109-1	25439	24504	24467	24803	2.22	cps
Sodium	23-2	9601797	9591871	9539184	9577617	0.35	cps
Strontium	86-1	678501	695223	697458	690394	1.50	cps
Strontium	88-1	5960896	6153372	6147685	6087318	1.80	cps
Sulfur	34-1	261772	265529	269559	265620	1.47	cps
Terbium	159-1	17782213	17880511	17974583	17879103	0.54	cps
Terbium	159-2	12233854	12164435	12396275	12264855	0.97	cps
Thallium	203-1	7989	6955	6765	7236	9.10	cps
Thallium	205-1	18766	16857	15803	17142	8.76	cps
Tin	118-1	1504018	1529844	1534103	1522655	1.07	cps
Titanium	47-1	865123	884178	899104	882801	1.93	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:32:17	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65065	63296	63641	64001	1.46	cps
Vanadium	51-2	233280	233574	232734	233196	0.18	cps
Yttrium	89-1	20739111	21102319	21206211	21015880	1.17	cps
Yttrium	89-2	5866959	5872257	5899694	5879637	0.30	cps
Zinc	66-2	4829748	4744158	4711212	4761706	1.28	cps
Zirconium	90-1	74903	76648	78287	76613	2.21	cps
Zirconium	91-1	18168	17931	18609	18236	1.89	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:35:18	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3325883	3323364	3308452	3319233	0.28	cps
Antimony	121-1	4500008	4567134	4518096	4528413	0.77	cps
Arsenic	75-2	582656	579264	580075	580665	0.31	cps
Barium	135-1	455407	460829	461136	459124	0.70	cps
Barium	137-1	786495	799874	790839	792403	0.86	cps
Beryllium	9-1	717	827	613	719	14.84	cps
Bismuth	209-1	10987779	10832937	10849920	10890212	0.78	cps
Bismuth	209-2	8878045	8882811	8877442	8879433	0.03	cps
Bromine	81-1	41345	43300	44955	43200	4.18	cps
Bromine	81-2	5698	5938	5841	5826	2.07	cps
Cadmium	108-1	650	673	627	650	3.59	cps
Cadmium	106-1	6448	5961	5895	6101	4.95	cps
Cadmium	111-1	8419	7852	7748	8007	4.51	cps
Calcium	43-1	358402	359590	358526	358839	0.18	cps
Calcium	44-1	5607819	5571928	5531904	5570551	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	176055	173860	174318	174744	0.66	cps
Cobalt	59-2	597889	595675	597701	597089	0.21	cps
Copper	63-2	2018664	2030658	2031742	2027022	0.36	cps
Dysprosium	156-1	30667	30730	31018	30805	0.61	cps
Dysprosium	156-2	25042	25416	25229	25229	0.74	cps
Erbium	164-1	28816	29648	29104	29189	1.45	cps
Erbium	164-2	21076	20932	20338	20782	1.88	cps
Gadolinium	160-1	30674	31382	30954	31003	1.15	cps
Gadolinium	160-2	23607	23687	23273	23522	0.93	cps
Holmium	165-1	17800419	17695153	17673516	17723030	0.38	cps
Holmium	165-2	12571000	12464552	12491965	12509172	0.44	cps
Indium	115-1	14531637	14646013	14590902	14589518	0.39	cps
Indium	115-2	5236770	5257198	5196130	5230033	0.59	cps
Iron	56-2	264153956	262790229	262858843	263267676	0.29	cps
Iron	57-2	6508961	6579697	6414473	6501043	1.28	cps
Iron	54-2	14275027	14123247	14154783	14184352	0.56	cps
Krypton	83-1	293	247	317	286	12.48	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:35:18	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7225421	7348959	7216961	7263781	1.02	cps
Lead	207-1	6264771	6327798	6247204	6279924	0.67	cps
Lead	208-1	28795897	29033556	28591373	28806942	0.77	cps
Lithium	6-1	1970005	1975897	1949198	1965033	0.71	cps
Magnesium	24-2	3601998	3569700	3584118	3585272	0.45	cps
Manganese	55-2	2379991	2376787	2326394	2361058	1.27	cps
Molybdenum	94-1	91886	93774	92597	92752	1.03	cps
Molybdenum	95-1	82062	82004	83379	82482	0.94	cps
Molybdenum	96-1	97619	99586	99022	98742	1.03	cps
Molybdenum	97-1	51751	52343	51664	51920	0.71	cps
Molybdenum	98-1	132064	132693	133880	132879	0.69	cps
Neodymium	150-1	46737	47239	47025	47000	0.54	cps
Neodymium	150-2	28683	27878	28769	28443	1.73	cps
Nickel	60-2	88147	87355	86906	87469	0.72	cps
Phosphorus	31-2	17747	17760	17854	17787	0.33	cps
Potassium	39-2	1854123	1856904	1832980	1848002	0.71	cps
Rhodium	103-1	13076043	12915909	13085657	13025870	0.73	cps
Rhodium	103-2	7875179	7856897	7772049	7834708	0.70	cps
Scandium	45-1	7605131	7536337	7426032	7522500	1.20	cps
Scandium	45-2	645360	641400	644245	643668	0.32	cps
Selenium	82-1	844	823	671	779	12.09	cps
Selenium	77-2	107	77	77	87	19.98	cps
Selenium	78-2	563	533	580	559	4.23	cps
Silicon	28-1	32899616	33271166	33115927	33095570	0.56	cps
Silver	107-1	15505	16046	15388	15646	2.24	cps
Silver	109-1	14964	14110	14234	14436	3.20	cps
Sodium	23-2	7409565	7359138	7243241	7337314	1.16	cps
Strontium	86-1	325709	329388	329782	328293	0.68	cps
Strontium	88-1	2893402	2897042	2876392	2888946	0.38	cps
Sulfur	34-1	248211	241742	238980	242978	1.95	cps
Terbium	159-1	18380692	18208357	18122828	18237292	0.72	cps
Terbium	159-2	12102058	12251109	12192864	12182010	0.62	cps
Thallium	203-1	5701	5788	5695	5728	0.91	cps
Thallium	205-1	13433	13403	13066	13301	1.53	cps
Tin	118-1	916914	927293	915729	919979	0.69	cps
Titanium	47-1	796195	796796	797812	796934	0.10	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-10	Instrumnet Name :	P7
Client Sample ID :	MJNKC9	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:35:18	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49649	51318	50147	50372	1.70	cps
Vanadium	51-2	212252	212343	210855	211817	0.39	cps
Yttrium	89-1	21761915	21732131	21569209	21687751	0.48	cps
Yttrium	89-2	5893303	5805501	5845490	5848098	0.75	cps
Zinc	66-2	2990709	2968585	2992292	2983862	0.44	cps
Zirconium	90-1	121400	122496	122822	122239	0.61	cps
Zirconium	91-1	27553	28287	28294	28045	1.52	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-11	Instrumnet Name :	P7
Client Sample ID :	MJNKH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:38:23	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2336930	2328365	2341506	2335600	0.29	cps
Antimony	121-1	368212	367342	368788	368114	0.20	cps
Arsenic	75-2	69107	69552	69619	69426	0.40	cps
Barium	135-1	225982	226297	222504	224928	0.94	cps
Barium	137-1	390417	390702	394511	391876	0.58	cps
Beryllium	9-1	327	413	407	382	12.62	cps
Bismuth	209-1	10760053	10666462	10671728	10699414	0.49	cps
Bismuth	209-2	8885538	8836400	8755421	8825786	0.74	cps
Bromine	81-1	64594	69975	72172	68913	5.66	cps
Bromine	81-2	10861	10964	11354	11060	2.35	cps
Cadmium	108-1	373	390	393	386	2.78	cps
Cadmium	106-1	5564	5164	5588	5439	4.38	cps
Cadmium	111-1	7294	7003	7227	7174	2.13	cps
Calcium	43-1	364200	365673	365772	365215	0.24	cps
Calcium	44-1	5671644	5756542	5652179	5693455	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129009	129923	130039	129657	0.44	cps
Cobalt	59-2	120169	118970	118386	119175	0.76	cps
Copper	63-2	5209532	5204758	5160780	5191690	0.52	cps
Dysprosium	156-1	22805	23086	22879	22923	0.63	cps
Dysprosium	156-2	18869	18446	18843	18719	1.27	cps
Erbium	164-1	20145	20635	20555	20445	1.29	cps
Erbium	164-2	14281	13980	14444	14235	1.65	cps
Gadolinium	160-1	22665	23052	22982	22900	0.90	cps
Gadolinium	160-2	17277	17164	17334	17258	0.50	cps
Holmium	165-1	17697879	17690445	17676186	17688170	0.06	cps
Holmium	165-2	12326593	12296626	12180856	12268025	0.63	cps
Indium	115-1	14040583	13862508	13780432	13894508	0.96	cps
Indium	115-2	4982907	4970218	4968460	4973862	0.16	cps
Iron	56-2	98354435	97802049	97298125	97818203	0.54	cps
Iron	57-2	2412268	2446785	2428982	2429345	0.71	cps
Iron	54-2	5286746	5307405	5295067	5296406	0.20	cps
Krypton	83-1	237	263	290	263	10.13	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-11	Instrumnet Name :	P7
Client Sample ID :	MJNKH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:38:23	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2607459	2637111	2589150	2611240	0.93	cps
Lead	207-1	2234340	2245654	2214334	2231443	0.71	cps
Lead	208-1	10261972	10266821	10164709	10231167	0.56	cps
Lithium	6-1	1951887	1964401	1939180	1951823	0.65	cps
Magnesium	24-2	2196074	2199952	2182111	2192712	0.43	cps
Manganese	55-2	573693	570276	568717	570895	0.45	cps
Molybdenum	94-1	43708	44424	43892	44008	0.84	cps
Molybdenum	95-1	38945	39650	38861	39152	1.11	cps
Molybdenum	96-1	46768	46507	46821	46699	0.36	cps
Molybdenum	97-1	24497	24417	24895	24603	1.04	cps
Molybdenum	98-1	63738	64823	63049	63870	1.40	cps
Neodymium	150-1	38182	37543	38218	37981	1.00	cps
Neodymium	150-2	22495	21683	22421	22200	2.02	cps
Nickel	60-2	40020	39719	39956	39899	0.40	cps
Phosphorus	31-2	12051	12605	12031	12229	2.66	cps
Potassium	39-2	1036495	1035255	1032250	1034667	0.21	cps
Rhodium	103-1	12866081	12835536	12827974	12843197	0.16	cps
Rhodium	103-2	7714080	7629987	7806578	7716882	1.14	cps
Scandium	45-1	7393618	7273112	7295632	7320787	0.88	cps
Scandium	45-2	630746	627020	622121	626629	0.69	cps
Selenium	82-1	850	732	737	773	8.62	cps
Selenium	77-2	77	93	83	84	9.93	cps
Selenium	78-2	477	490	573	513	10.21	cps
Silicon	28-1	24272370	24434407	24304755	24337177	0.35	cps
Silver	107-1	44204	43686	43762	43884	0.64	cps
Silver	109-1	40948	40557	41168	40891	0.76	cps
Sodium	23-2	9447890	9388953	9211346	9349396	1.32	cps
Strontium	86-1	354360	358397	355979	356245	0.57	cps
Strontium	88-1	3203186	3161148	3109230	3157855	1.49	cps
Sulfur	34-1	548825	546672	548416	547971	0.21	cps
Terbium	159-1	18015386	18063962	18061953	18047100	0.15	cps
Terbium	159-2	12338010	12007835	12193352	12179732	1.36	cps
Thallium	203-1	4231	4287	4204	4241	1.00	cps
Thallium	205-1	9924	9824	10334	10027	2.70	cps
Tin	118-1	242563	247380	243523	244489	1.04	cps
Titanium	47-1	666717	663698	666860	665758	0.27	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-11	Instrumnet Name :	P7
Client Sample ID :	MJNKH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:38:23	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	90659	93402	93354	92472	1.70	cps
Vanadium	51-2	145833	144672	147254	145920	0.89	cps
Yttrium	89-1	21425734	21330841	21373585	21376720	0.22	cps
Yttrium	89-2	5721546	5737228	5703173	5720649	0.30	cps
Zinc	66-2	834055	837349	836635	836013	0.21	cps
Zirconium	90-1	57622	58456	56873	57650	1.37	cps
Zirconium	91-1	13036	13136	12822	12998	1.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:41:29	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2099746	2081402	2106936	2096028	0.63	cps
Antimony	121-1	56183	57892	56126	56733	1.77	cps
Arsenic	75-2	9663	9930	9740	9778	1.40	cps
Barium	135-1	64793	63678	64502	64324	0.90	cps
Barium	137-1	112742	113459	111143	112448	1.05	cps
Beryllium	9-1	377	307	320	334	11.11	cps
Bismuth	209-1	10914000	10799514	10654058	10789191	1.21	cps
Bismuth	209-2	8211395	8913113	8892385	8672298	4.60	cps
Bromine	81-1	37414	38189	39540	38381	2.80	cps
Bromine	81-2	4834	4741	4784	4786	0.98	cps
Cadmium	108-1	140	183	140	154	16.20	cps
Cadmium	106-1	4981	5138	4884	5001	2.56	cps
Cadmium	111-1	4582	4858	4551	4664	3.63	cps
Calcium	43-1	166422	166270	164403	165698	0.68	cps
Calcium	44-1	2602816	2615473	2596872	2605054	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102563	101944	101247	101918	0.65	cps
Cobalt	59-2	36999	38011	37487	37499	1.35	cps
Copper	63-2	785073	781016	782816	782968	0.26	cps
Dysprosium	156-1	29919	30239	29367	29842	1.48	cps
Dysprosium	156-2	24982	24712	24885	24860	0.55	cps
Erbium	164-1	24438	24655	23657	24250	2.17	cps
Erbium	164-2	17211	17491	16944	17215	1.59	cps
Gadolinium	160-1	29955	30042	29748	29915	0.50	cps
Gadolinium	160-2	22051	21937	21810	21933	0.55	cps
Holmium	165-1	17651080	17562169	17376973	17530074	0.80	cps
Holmium	165-2	11430899	12382162	12357284	12056782	4.50	cps
Indium	115-1	13900431	13967619	13810054	13892702	0.57	cps
Indium	115-2	4583578	4906515	4961834	4817309	4.24	cps
Iron	56-2	49767078	49438503	49625113	49610231	0.33	cps
Iron	57-2	1278793	1265060	1263323	1269059	0.67	cps
Iron	54-2	2743512	2696261	2712721	2717498	0.88	cps
Krypton	83-1	287	303	240	277	11.87	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:41:29	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	900319	910693	902333	904448	0.61	cps
Lead	207-1	781300	775043	777436	777926	0.41	cps
Lead	208-1	3632942	3639836	3603629	3625469	0.53	cps
Lithium	6-1	1936395	1936770	1926109	1933091	0.31	cps
Magnesium	24-2	1484801	1487775	1471159	1481245	0.60	cps
Manganese	55-2	359316	355438	353895	356216	0.78	cps
Molybdenum	94-1	27593	27656	27753	27667	0.29	cps
Molybdenum	95-1	15352	15729	15522	15534	1.22	cps
Molybdenum	96-1	21072	20721	20331	20708	1.79	cps
Molybdenum	97-1	9720	9937	9933	9863	1.26	cps
Molybdenum	98-1	25770	24815	25185	25256	1.91	cps
Neodymium	150-1	52805	52347	52052	52401	0.72	cps
Neodymium	150-2	31438	31041	30954	31144	0.83	cps
Nickel	60-2	30204	28868	29182	29418	2.37	cps
Phosphorus	31-2	14213	13873	13743	13943	1.74	cps
Potassium	39-2	664532	665210	664033	664592	0.09	cps
Rhodium	103-1	12879784	12794059	12695334	12789726	0.72	cps
Rhodium	103-2	7185572	7673481	7706869	7521974	3.88	cps
Scandium	45-1	7382743	7292157	7263120	7312673	0.85	cps
Scandium	45-2	569233	616377	618951	601520	4.65	cps
Selenium	82-1	576	553	618	583	5.62	cps
Selenium	77-2	110	97	97	101	7.61	cps
Selenium	78-2	503	470	467	480	4.22	cps
Silicon	28-1	21508769	21212306	21185641	21302239	0.84	cps
Silver	107-1	6431	6829	5845	6368	7.77	cps
Silver	109-1	5971	6743	5845	6186	7.86	cps
Sodium	23-2	5788578	5804658	5750153	5781130	0.48	cps
Strontium	86-1	169514	169510	169998	169674	0.17	cps
Strontium	88-1	1499423	1490015	1497846	1495761	0.34	cps
Sulfur	34-1	236296	229948	228138	231460	1.85	cps
Terbium	159-1	18140798	18011273	18058930	18070334	0.36	cps
Terbium	159-2	11211052	12149451	12176866	11845790	4.64	cps
Thallium	203-1	1943	1853	1807	1868	3.72	cps
Thallium	205-1	4457	4584	4401	4481	2.10	cps
Tin	118-1	43977	45827	44468	44758	2.14	cps
Titanium	47-1	1059535	1048578	1043413	1050509	0.78	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-12	Instrumnet Name :	P7
Client Sample ID :	MJNKH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:41:29	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40542	40956	40438	40645	0.67	cps
Vanadium	51-2	156215	157098	155849	156387	0.41	cps
Yttrium	89-1	21496257	21140009	21235181	21290482	0.87	cps
Yttrium	89-2	5331585	5743146	5688746	5587826	4.00	cps
Zinc	66-2	139158	139057	137516	138577	0.66	cps
Zirconium	90-1	51216	51671	51222	51369	0.51	cps
Zirconium	91-1	11451	11384	11531	11456	0.64	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-13	Instrumnet Name :	P7
Client Sample ID :	MJNKH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:44:39	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2503533	2496629	2486592	2495585	0.34	cps
Antimony	121-1	347816	345382	346265	346488	0.36	cps
Arsenic	75-2	65169	65186	65567	65307	0.35	cps
Barium	135-1	286946	283810	285728	285495	0.55	cps
Barium	137-1	496906	499874	491630	496136	0.84	cps
Beryllium	9-1	453	477	417	449	6.74	cps
Bismuth	209-1	10740386	10761906	10765257	10755849	0.13	cps
Bismuth	209-2	8757523	8690425	8640081	8696010	0.68	cps
Bromine	81-1	79006	82710	84024	81913	3.18	cps
Bromine	81-2	13710	14047	14140	13966	1.62	cps
Cadmium	108-1	327	367	340	344	5.91	cps
Cadmium	106-1	5965	5454	5081	5500	8.07	cps
Cadmium	111-1	7280	6695	6482	6819	6.06	cps
Calcium	43-1	1808910	1775032	1791593	1791845	0.95	cps
Calcium	44-1	28534934	28341701	28169449	28348695	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130061	130485	130670	130406	0.24	cps
Cobalt	59-2	155354	156523	153832	155236	0.87	cps
Copper	63-2	4421113	4414754	4448905	4428257	0.41	cps
Dysprosium	156-1	22007	22298	22014	22106	0.75	cps
Dysprosium	156-2	17691	17952	17788	17810	0.74	cps
Erbium	164-1	20799	20155	20328	20427	1.63	cps
Erbium	164-2	13894	14037	14945	14292	3.99	cps
Gadolinium	160-1	21794	22208	21754	21918	1.15	cps
Gadolinium	160-2	16577	16733	16590	16633	0.52	cps
Holmium	165-1	17728513	17335892	17431321	17498576	1.17	cps
Holmium	165-2	12126527	12159277	11933590	12073132	1.01	cps
Indium	115-1	13879240	13677982	13467941	13675054	1.50	cps
Indium	115-2	4770076	4778348	4686709	4745044	1.07	cps
Iron	56-2	106702708	105565402	105547268	105938460	0.62	cps
Iron	57-2	2654254	2671750	2622789	2649598	0.94	cps
Iron	54-2	5696934	5697618	5713683	5702745	0.17	cps
Krypton	83-1	300	240	260	267	11.46	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-13	Instrumnet Name :	P7
Client Sample ID :	MJNKH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:44:39	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2502796	2536092	2501418	2513435	0.78	cps
Lead	207-1	2126620	2128328	2163611	2139520	0.98	cps
Lead	208-1	9860356	9839147	9861230	9853578	0.13	cps
Lithium	6-1	1984779	1980322	1926506	1963869	1.65	cps
Magnesium	24-2	2610395	2587180	2637878	2611817	0.97	cps
Manganese	55-2	816038	814534	814929	815167	0.10	cps
Molybdenum	94-1	34360	34156	33044	33854	2.09	cps
Molybdenum	95-1	29259	28925	28565	28916	1.20	cps
Molybdenum	96-1	34671	35186	35717	35191	1.49	cps
Molybdenum	97-1	18705	18362	17978	18348	1.98	cps
Molybdenum	98-1	47443	46942	46738	47041	0.77	cps
Neodymium	150-1	33921	34683	34242	34282	1.12	cps
Neodymium	150-2	20048	20555	20488	20364	1.35	cps
Nickel	60-2	38613	38392	38158	38388	0.59	cps
Phosphorus	31-2	9476	9790	9593	9620	1.65	cps
Potassium	39-2	1180724	1188994	1167954	1179224	0.90	cps
Rhodium	103-1	12785497	12305133	12199828	12430153	2.51	cps
Rhodium	103-2	7517015	7398463	7338249	7417909	1.23	cps
Scandium	45-1	7114739	7022205	6981901	7039615	0.97	cps
Scandium	45-2	593303	589423	588823	590516	0.41	cps
Selenium	82-1	754	753	730	746	1.81	cps
Selenium	77-2	93	80	73	82	12.39	cps
Selenium	78-2	517	443	567	509	12.19	cps
Silicon	28-1	26191393	25442602	25664887	25766294	1.49	cps
Silver	107-1	61349	61784	61952	61695	0.50	cps
Silver	109-1	58056	58789	58578	58474	0.65	cps
Sodium	23-2	10624934	10655606	10691405	10657315	0.31	cps
Strontium	86-1	2092699	2098492	2101958	2097716	0.22	cps
Strontium	88-1	18457331	18217197	18351883	18342137	0.66	cps
Sulfur	34-1	382506	388434	387051	385997	0.80	cps
Terbium	159-1	17927979	17823316	17695970	17815755	0.65	cps
Terbium	159-2	11877523	11981003	11666694	11841740	1.35	cps
Thallium	203-1	2797	2730	2854	2794	2.21	cps
Thallium	205-1	6558	6445	6385	6463	1.36	cps
Tin	118-1	204819	205870	202895	204528	0.74	cps
Titanium	47-1	540381	534224	533093	535899	0.73	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-13	Instrumnet Name :	P7
Client Sample ID :	MJNKH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:44:39	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45979	47301	46260	46513	1.50	cps
Vanadium	51-2	139373	140551	140268	140064	0.44	cps
Yttrium	89-1	21226786	20676055	20823620	20908820	1.36	cps
Yttrium	89-2	5533518	5499235	5431288	5488014	0.95	cps
Zinc	66-2	828731	827441	827583	827918	0.09	cps
Zirconium	90-1	46457	45567	45727	45917	1.03	cps
Zirconium	91-1	10400	10427	10651	10493	1.31	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-14	Instrumnet Name :	P7
Client Sample ID :	MJNKH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:47:41	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2585881	2569444	2559898	2571741	0.51	cps
Antimony	121-1	245005	249617	252002	248875	1.43	cps
Arsenic	75-2	54389	53643	54105	54046	0.70	cps
Barium	135-1	241954	249021	246963	245979	1.48	cps
Barium	137-1	415912	426100	428811	423607	1.61	cps
Beryllium	9-1	363	430	423	406	9.05	cps
Bismuth	209-1	11133567	10751833	10674787	10853395	2.26	cps
Bismuth	209-2	8597167	8856775	8691632	8715191	1.51	cps
Bromine	81-1	69141	76038	78829	74669	6.68	cps
Bromine	81-2	12375	12198	12722	12432	2.14	cps
Cadmium	108-1	343	377	360	360	4.63	cps
Cadmium	106-1	5811	5211	5194	5406	6.50	cps
Cadmium	111-1	7241	6968	6744	6985	3.56	cps
Calcium	43-1	1069173	1101025	1094692	1088297	1.55	cps
Calcium	44-1	16670087	17124659	17001290	16932012	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165288	164465	164486	164746	0.28	cps
Cobalt	59-2	130555	131533	130558	130882	0.43	cps
Copper	63-2	4934302	4902190	4843959	4893484	0.94	cps
Dysprosium	156-1	28315	29080	28769	28722	1.34	cps
Dysprosium	156-2	23874	23657	23744	23758	0.46	cps
Erbium	164-1	25196	26338	26465	26000	2.69	cps
Erbium	164-2	18659	17701	17968	18110	2.73	cps
Gadolinium	160-1	27731	28763	29140	28545	2.56	cps
Gadolinium	160-2	21911	21700	21597	21736	0.74	cps
Holmium	165-1	18192297	17590631	17262423	17681784	2.67	cps
Holmium	165-2	12132780	12133695	12091584	12119353	0.20	cps
Indium	115-1	14197773	13526089	13571790	13765217	2.73	cps
Indium	115-2	4760058	4822834	4816110	4799667	0.72	cps
Iron	56-2	106994005	106850728	106333188	106725974	0.33	cps
Iron	57-2	2675584	2671397	2689124	2678702	0.35	cps
Iron	54-2	5825986	5826944	5732319	5795083	0.94	cps
Krypton	83-1	263	250	217	243	9.88	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-14	Instrumnet Name :	P7
Client Sample ID :	MJNKH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:47:41	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2120956	2143432	2179042	2147810	1.36	cps
Lead	207-1	1758197	1875104	1887929	1840410	3.88	cps
Lead	208-1	8292121	8547417	8608929	8482822	1.98	cps
Lithium	6-1	2013675	1899903	1923784	1945787	3.08	cps
Magnesium	24-2	2676878	2659584	2620987	2652483	1.08	cps
Manganese	55-2	731779	733155	730272	731735	0.20	cps
Molybdenum	94-1	35109	35941	36168	35739	1.56	cps
Molybdenum	95-1	24077	25579	25582	25079	3.46	cps
Molybdenum	96-1	31454	31701	32456	31870	1.64	cps
Molybdenum	97-1	15171	15865	16132	15723	3.16	cps
Molybdenum	98-1	39527	41302	41288	40705	2.51	cps
Neodymium	150-1	45109	48132	46259	46500	3.28	cps
Neodymium	150-2	27176	27597	27306	27360	0.79	cps
Nickel	60-2	46896	47134	46238	46756	0.99	cps
Phosphorus	31-2	13623	13720	13796	13713	0.63	cps
Potassium	39-2	1194213	1195395	1192730	1194112	0.11	cps
Rhodium	103-1	12883241	12557834	12488145	12643073	1.67	cps
Rhodium	103-2	7467766	7460555	7510277	7479533	0.36	cps
Scandium	45-1	7308553	7041040	7009691	7119761	2.31	cps
Scandium	45-2	592562	597162	597058	595594	0.44	cps
Selenium	82-1	682	681	762	709	6.58	cps
Selenium	77-2	73	93	100	89	15.61	cps
Selenium	78-2	520	560	530	537	3.88	cps
Silicon	28-1	24956530	25617665	25476372	25350189	1.37	cps
Silver	107-1	50695	52876	52317	51963	2.18	cps
Silver	109-1	48875	50270	50049	49732	1.51	cps
Sodium	23-2	9373250	9435278	9408501	9405676	0.33	cps
Strontium	86-1	1203320	1234981	1235630	1224644	1.51	cps
Strontium	88-1	10580328	10994536	10892897	10822587	1.99	cps
Sulfur	34-1	422450	427291	424652	424798	0.57	cps
Terbium	159-1	18563055	17784147	17620111	17989104	2.80	cps
Terbium	159-2	11902177	11948950	11831331	11894153	0.50	cps
Thallium	203-1	4417	4761	4584	4587	3.74	cps
Thallium	205-1	10688	11075	11301	11021	2.82	cps
Tin	118-1	201295	208305	206380	205327	1.76	cps
Titanium	47-1	718010	738929	735966	730968	1.55	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-14	Instrumnet Name :	P7
Client Sample ID :	MJNKH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:47:41	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50034	50977	50272	50427	0.97	cps
Vanadium	51-2	150159	149984	149418	149853	0.26	cps
Yttrium	89-1	21587923	20696725	20686146	20990265	2.47	cps
Yttrium	89-2	5557205	5553570	5524976	5545250	0.32	cps
Zinc	66-2	705880	704024	702203	704035	0.26	cps
Zirconium	90-1	56793	60106	59660	58853	3.06	cps
Zirconium	91-1	12809	13249	13460	13173	2.52	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-15	Instrumnet Name :	P7
Client Sample ID :	MJNKH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:50:48	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2495580	2509171	2517383	2507378	0.44	cps
Antimony	121-1	163165	164726	168086	165326	1.52	cps
Arsenic	75-2	50730	49378	49559	49889	1.47	cps
Barium	135-1	196307	198734	197423	197488	0.61	cps
Barium	137-1	341007	345068	343082	343052	0.59	cps
Beryllium	9-1	357	333	470	387	18.91	cps
Bismuth	209-1	10988257	10653621	10744778	10795552	1.60	cps
Bismuth	209-2	8899378	8834090	8853300	8862256	0.38	cps
Bromine	81-1	60095	64269	65956	63440	4.76	cps
Bromine	81-2	9977	10120	10130	10076	0.85	cps
Cadmium	108-1	397	353	453	401	12.50	cps
Cadmium	106-1	5691	5634	5478	5601	1.97	cps
Cadmium	111-1	7530	7424	7398	7451	0.94	cps
Calcium	43-1	718875	726721	722507	722701	0.54	cps
Calcium	44-1	11149584	11178559	11183814	11170652	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149886	146267	148741	148298	1.25	cps
Cobalt	59-2	82777	83809	82254	82946	0.95	cps
Copper	63-2	7222788	7188201	7138822	7183270	0.59	cps
Dysprosium	156-1	26969	27223	27383	27192	0.77	cps
Dysprosium	156-2	21593	21433	22141	21722	1.71	cps
Erbium	164-1	22892	23076	23480	23149	1.30	cps
Erbium	164-2	15999	16129	16540	16223	1.74	cps
Gadolinium	160-1	26475	26535	25977	26329	1.16	cps
Gadolinium	160-2	20378	19634	19897	19970	1.89	cps
Holmium	165-1	17889443	17575304	17265416	17576721	1.78	cps
Holmium	165-2	12236711	12399090	12200968	12278923	0.86	cps
Indium	115-1	14032374	13656998	13570125	13753165	1.79	cps
Indium	115-2	4907232	4864474	4882959	4884888	0.44	cps
Iron	56-2	88979695	89302119	89662149	89314654	0.38	cps
Iron	57-2	2222449	2253439	2222203	2232697	0.80	cps
Iron	54-2	4782237	4806441	4777612	4788763	0.32	cps
Krypton	83-1	260	270	220	250	10.58	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-15	Instrumnet Name :	P7
Client Sample ID :	MJNKH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:50:48	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2113852	2087264	2116690	2105935	0.77	cps
Lead	207-1	1730889	1751107	1747811	1743269	0.62	cps
Lead	208-1	8188296	8153683	8280394	8207457	0.80	cps
Lithium	6-1	1962108	1900460	1912385	1924984	1.70	cps
Magnesium	24-2	2097696	2132375	2132310	2120794	0.94	cps
Manganese	55-2	552274	546976	551058	550103	0.50	cps
Molybdenum	94-1	38337	38617	38557	38504	0.38	cps
Molybdenum	95-1	31230	31811	31240	31427	1.06	cps
Molybdenum	96-1	38494	38337	38825	38552	0.65	cps
Molybdenum	97-1	19830	19490	19964	19761	1.24	cps
Molybdenum	98-1	50494	50918	51223	50878	0.72	cps
Neodymium	150-1	44350	44450	44570	44456	0.25	cps
Neodymium	150-2	26358	26562	25914	26278	1.26	cps
Nickel	60-2	47796	47291	47010	47366	0.84	cps
Phosphorus	31-2	11731	11705	12001	11812	1.39	cps
Potassium	39-2	1005324	1006853	1001956	1004711	0.25	cps
Rhodium	103-1	12780076	12652611	12623048	12685245	0.66	cps
Rhodium	103-2	7569966	7581124	7653322	7601470	0.60	cps
Scandium	45-1	7253660	7208521	7165961	7209381	0.61	cps
Scandium	45-2	616878	610015	614193	613695	0.56	cps
Selenium	82-1	773	741	685	733	6.10	cps
Selenium	77-2	107	80	73	87	20.36	cps
Selenium	78-2	537	440	553	510	12.00	cps
Silicon	28-1	22395466	22558146	22428022	22460545	0.38	cps
Silver	107-1	45401	45665	45715	45594	0.37	cps
Silver	109-1	42609	43341	43168	43039	0.89	cps
Sodium	23-2	8400163	8319515	8360175	8359951	0.48	cps
Strontium	86-1	399493	405163	402769	402475	0.71	cps
Strontium	88-1	3527480	3580825	3549439	3552581	0.75	cps
Sulfur	34-1	586122	590417	590000	588846	0.40	cps
Terbium	159-1	18021901	17965026	17729374	17905434	0.87	cps
Terbium	159-2	12172190	12104574	12046272	12107679	0.52	cps
Thallium	203-1	4454	4511	4497	4487	0.66	cps
Thallium	205-1	10818	10594	11028	10813	2.01	cps
Tin	118-1	162145	163196	163631	162991	0.47	cps
Titanium	47-1	800448	811000	808286	806578	0.68	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-15	Instrumnet Name :	P7
Client Sample ID :	MJNKH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:50:48	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	61732	62074	62091	61966	0.33	cps
Vanadium	51-2	147227	147260	148859	147782	0.63	cps
Yttrium	89-1	21504000	20932061	21034193	21156751	1.44	cps
Yttrium	89-2	5709515	5670390	5632227	5670710	0.68	cps
Zinc	66-2	601832	602013	597483	600442	0.43	cps
Zirconium	90-1	55380	56769	56076	56075	1.24	cps
Zirconium	91-1	12335	12038	12459	12277	1.76	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-16	Instrumnet Name :	P7
Client Sample ID :	MJNKH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:53:53	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2822562	2833252	2798227	2818014	0.64	cps
Antimony	121-1	176812	177295	176452	176853	0.24	cps
Arsenic	75-2	39756	39439	39108	39434	0.82	cps
Barium	135-1	194584	195918	191645	194049	1.13	cps
Barium	137-1	335487	338142	340492	338040	0.74	cps
Beryllium	9-1	480	337	343	387	20.92	cps
Bismuth	209-1	10770314	10595847	10408414	10591525	1.71	cps
Bismuth	209-2	8722580	8700144	8731071	8717932	0.18	cps
Bromine	81-1	53657	55313	58676	55882	4.58	cps
Bromine	81-2	8309	8573	8479	8454	1.58	cps
Cadmium	108-1	303	380	410	364	15.09	cps
Cadmium	106-1	6141	5418	5528	5696	6.85	cps
Cadmium	111-1	7680	7284	7470	7478	2.66	cps
Calcium	43-1	262003	263852	265597	263817	0.68	cps
Calcium	44-1	4121493	4119535	4116752	4119260	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172524	171473	172298	172098	0.32	cps
Cobalt	59-2	115756	115513	115443	115571	0.14	cps
Copper	63-2	4427856	4430453	4396371	4418227	0.43	cps
Dysprosium	156-1	38503	38145	38269	38305	0.47	cps
Dysprosium	156-2	31492	31943	31459	31631	0.86	cps
Erbium	164-1	31860	32084	32785	32243	1.50	cps
Erbium	164-2	22588	22341	22802	22577	1.02	cps
Gadolinium	160-1	38062	37717	37630	37803	0.60	cps
Gadolinium	160-2	28309	28305	28048	28221	0.53	cps
Holmium	165-1	17300473	17282401	17271555	17284809	0.08	cps
Holmium	165-2	12139871	12161241	12025626	12108913	0.60	cps
Indium	115-1	13771203	13735992	13676388	13727861	0.35	cps
Indium	115-2	4934935	4962961	4948996	4948964	0.28	cps
Iron	56-2	97906082	97735175	97674532	97771930	0.12	cps
Iron	57-2	2444347	2424750	2422803	2430633	0.49	cps
Iron	54-2	5298079	5301107	5322998	5307395	0.26	cps
Krypton	83-1	260	320	270	283	11.35	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-16	Instrumnet Name :	P7
Client Sample ID :	MJNKH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:53:53	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1909531	1905239	1869911	1894894	1.15	cps
Lead	207-1	1582918	1588163	1596279	1589120	0.42	cps
Lead	208-1	7432657	7534713	7366835	7444735	1.14	cps
Lithium	6-1	1905988	1899656	1856511	1887385	1.43	cps
Magnesium	24-2	2459262	2419507	2432741	2437170	0.83	cps
Manganese	55-2	656863	661021	661635	659840	0.39	cps
Molybdenum	94-1	37825	38591	37969	38128	1.07	cps
Molybdenum	95-1	28201	28381	28591	28391	0.69	cps
Molybdenum	96-1	34988	35543	35299	35277	0.79	cps
Molybdenum	97-1	18362	17664	18001	18009	1.94	cps
Molybdenum	98-1	45852	47554	45688	46364	2.23	cps
Neodymium	150-1	63050	62591	62879	62840	0.37	cps
Neodymium	150-2	37921	37684	37657	37754	0.39	cps
Nickel	60-2	51809	51297	50438	51181	1.35	cps
Phosphorus	31-2	17380	17804	17844	17676	1.45	cps
Potassium	39-2	1088402	1082261	1088399	1086354	0.33	cps
Rhodium	103-1	12817552	12808727	12717633	12781304	0.43	cps
Rhodium	103-2	7661077	7766172	7715835	7714361	0.68	cps
Scandium	45-1	7315294	7279124	7279054	7291157	0.29	cps
Scandium	45-2	624629	625088	628856	626191	0.37	cps
Selenium	82-1	777	680	723	727	6.69	cps
Selenium	77-2	110	113	77	100	20.27	cps
Selenium	78-2	570	637	563	590	6.87	cps
Silicon	28-1	21933980	22331631	22392959	22219523	1.12	cps
Silver	107-1	38705	39089	37779	38524	1.75	cps
Silver	109-1	36001	37245	37047	36764	1.82	cps
Sodium	23-2	8037562	8058893	8020957	8039137	0.24	cps
Strontium	86-1	274035	275107	276411	275184	0.43	cps
Strontium	88-1	2431805	2438624	2421002	2430477	0.37	cps
Sulfur	34-1	487775	483257	479160	483397	0.89	cps
Terbium	159-1	18070346	17472580	17815411	17786112	1.69	cps
Terbium	159-2	11994522	12052393	11930267	11992394	0.51	cps
Thallium	203-1	7702	7469	7429	7533	1.96	cps
Thallium	205-1	17785	18079	18236	18033	1.27	cps
Tin	118-1	126018	126778	127744	126847	0.68	cps
Titanium	47-1	1093965	1098312	1100185	1097487	0.29	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-16	Instrumnet Name :	P7
Client Sample ID :	MJNKH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:53:53	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	84402	84617	83292	84104	0.85	cps
Vanadium	51-2	185373	185297	183835	184835	0.47	cps
Yttrium	89-1	21481700	21269186	21154306	21301731	0.78	cps
Yttrium	89-2	5720600	5776060	5784699	5760453	0.60	cps
Zinc	66-2	542859	540301	538908	540689	0.37	cps
Zirconium	90-1	59476	60467	59761	59902	0.85	cps
Zirconium	91-1	13486	13269	13416	13391	0.83	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-17	Instrumnet Name :	P7
Client Sample ID :	MJNKH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:57:00	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2800051	2790219	2775416	2788562	0.44	cps
Antimony	121-1	211479	223507	225018	220001	3.37	cps
Arsenic	75-2	54774	54807	54255	54612	0.57	cps
Barium	135-1	144047	149542	149532	147707	2.15	cps
Barium	137-1	245983	258804	261961	255583	3.31	cps
Beryllium	9-1	400	470	427	432	8.17	cps
Bismuth	209-1	11430054	10493514	10645442	10856337	4.63	cps
Bismuth	209-2	8825682	8811509	8700165	8779119	0.78	cps
Bromine	81-1	73087	81493	83521	79367	6.97	cps
Bromine	81-2	13746	13523	13376	13549	1.38	cps
Cadmium	108-1	333	350	280	321	11.39	cps
Cadmium	106-1	5688	5171	4998	5285	6.79	cps
Cadmium	111-1	6885	6798	6973	6885	1.27	cps
Calcium	43-1	235113	247710	249754	244192	3.25	cps
Calcium	44-1	3745674	3883091	3890642	3839802	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163225	163199	164873	163766	0.59	cps
Cobalt	59-2	83131	82857	81714	82567	0.91	cps
Copper	63-2	5862706	5892657	5836430	5863931	0.48	cps
Dysprosium	156-1	23951	25066	25406	24808	3.07	cps
Dysprosium	156-2	20779	20315	20542	20545	1.13	cps
Erbium	164-1	21917	22835	22986	22579	2.56	cps
Erbium	164-2	16633	16533	16426	16531	0.63	cps
Gadolinium	160-1	24515	25593	25914	25341	2.89	cps
Gadolinium	160-2	19507	18983	19076	19189	1.46	cps
Holmium	165-1	18825608	17177803	17388334	17797248	5.04	cps
Holmium	165-2	12227179	12205200	12172145	12201508	0.23	cps
Indium	115-1	14947946	13811075	13676734	14145252	4.94	cps
Indium	115-2	4936570	4871736	4877266	4895191	0.73	cps
Iron	56-2	98907395	97898552	97587505	98131151	0.70	cps
Iron	57-2	2471948	2435867	2447429	2451748	0.75	cps
Iron	54-2	5334271	5343079	5268201	5315184	0.77	cps
Krypton	83-1	297	290	250	279	9.05	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-17	Instrumnet Name :	P7
Client Sample ID :	MJNKH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:57:00	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1659107	1750035	1764574	1724572	3.31	cps
Lead	207-1	1428265	1499356	1500469	1476030	2.80	cps
Lead	208-1	6585799	6939642	6963461	6829634	3.10	cps
Lithium	6-1	2084344	1943455	1920045	1982615	4.48	cps
Magnesium	24-2	2618788	2601208	2626557	2615518	0.50	cps
Manganese	55-2	685890	688279	683739	685970	0.33	cps
Molybdenum	94-1	32399	34945	34724	34023	4.15	cps
Molybdenum	95-1	23375	24364	24544	24094	2.61	cps
Molybdenum	96-1	29293	31217	31200	30570	3.62	cps
Molybdenum	97-1	15238	15855	15315	15469	2.17	cps
Molybdenum	98-1	37301	39727	39253	38760	3.32	cps
Neodymium	150-1	37797	40017	39990	39268	3.24	cps
Neodymium	150-2	24074	24268	24061	24134	0.48	cps
Nickel	60-2	45459	45268	45148	45292	0.35	cps
Phosphorus	31-2	13266	13536	13723	13508	1.70	cps
Potassium	39-2	1213977	1181575	1199028	1198194	1.35	cps
Rhodium	103-1	13758456	12519445	12624610	12967503	5.30	cps
Rhodium	103-2	7741608	7613863	7613442	7656304	0.96	cps
Scandium	45-1	7902971	7164363	7171062	7412799	5.73	cps
Scandium	45-2	613784	609992	605230	609669	0.70	cps
Selenium	82-1	661	713	755	710	6.60	cps
Selenium	77-2	100	100	73	91	16.90	cps
Selenium	78-2	583	483	503	523	10.11	cps
Silicon	28-1	22756778	23907835	23736811	23467141	2.65	cps
Silver	107-1	58886	61757	62153	60932	2.93	cps
Silver	109-1	56078	58705	59512	58098	3.09	cps
Sodium	23-2	9559050	9452152	9467634	9492945	0.61	cps
Strontium	86-1	281614	299436	297652	292901	3.35	cps
Strontium	88-1	2520159	2667728	2632836	2606908	2.96	cps
Sulfur	34-1	500658	522105	516650	513138	2.17	cps
Terbium	159-1	19308802	17654473	17879666	18280980	4.91	cps
Terbium	159-2	12082474	12140119	11929084	12050559	0.91	cps
Thallium	203-1	3931	3897	3757	3862	2.38	cps
Thallium	205-1	8403	9213	9533	9050	6.44	cps
Tin	118-1	160447	169477	167990	165972	2.92	cps
Titanium	47-1	622177	659703	653820	645233	3.13	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-17	Instrumnet Name :	P7
Client Sample ID :	MJNKH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 19:57:00	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37700	39646	39435	38927	2.74	cps
Vanadium	51-2	157128	157549	154461	156379	1.07	cps
Yttrium	89-1	22992259	20924953	20868728	21595313	5.60	cps
Yttrium	89-2	5669689	5580517	5616381	5622196	0.80	cps
Zinc	66-2	397985	395003	394719	395902	0.46	cps
Zirconium	90-1	53056	56167	55458	54893	2.97	cps
Zirconium	91-1	11498	12495	12629	12207	5.06	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-18	Instrumnet Name :	P7
Client Sample ID :	MJNKJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:00:04	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2776193	2808944	2766279	2783805	0.80	cps
Antimony	121-1	105943	109221	108724	107963	1.64	cps
Arsenic	75-2	36602	36374	36435	36470	0.32	cps
Barium	135-1	126947	130030	129466	128814	1.27	cps
Barium	137-1	219874	226143	224662	223560	1.47	cps
Beryllium	9-1	390	427	443	420	6.50	cps
Bismuth	209-1	11062098	10525981	10633204	10740428	2.64	cps
Bismuth	209-2	8737897	8733652	8775338	8748962	0.26	cps
Bromine	81-1	80063	87309	88201	85191	5.24	cps
Bromine	81-2	14300	14360	14444	14368	0.50	cps
Cadmium	108-1	290	287	253	277	7.33	cps
Cadmium	106-1	5504	5191	4858	5184	6.24	cps
Cadmium	111-1	6657	6300	6107	6355	4.40	cps
Calcium	43-1	534029	547560	550503	544031	1.61	cps
Calcium	44-1	8416254	8461060	8518185	8465166	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166670	167384	166120	166725	0.38	cps
Cobalt	59-2	70762	71637	69674	70691	1.39	cps
Copper	63-2	4623998	4709672	4648967	4660879	0.95	cps
Dysprosium	156-1	27160	27801	27547	27503	1.17	cps
Dysprosium	156-2	22198	22665	22057	22307	1.43	cps
Erbium	164-1	24174	24455	25039	24556	1.80	cps
Erbium	164-2	17675	17481	17481	17546	0.64	cps
Gadolinium	160-1	26669	27373	27086	27043	1.31	cps
Gadolinium	160-2	20872	20742	20765	20793	0.33	cps
Holmium	165-1	17877453	17060489	17370625	17436189	2.37	cps
Holmium	165-2	12159868	12158439	12080871	12133059	0.37	cps
Indium	115-1	14253085	13521154	13740134	13838124	2.71	cps
Indium	115-2	4825535	4799733	4780087	4801785	0.47	cps
Iron	56-2	98795155	100128455	98962255	99295289	0.73	cps
Iron	57-2	2488739	2485595	2448042	2474126	0.92	cps
Iron	54-2	5362613	5354139	5336203	5350985	0.25	cps
Krypton	83-1	303	230	297	277	14.66	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-18	Instrumnet Name :	P7
Client Sample ID :	MJNKJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:00:04	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1966554	2014795	1998221	1993190	1.23	cps
Lead	207-1	1627903	1671342	1671961	1657069	1.52	cps
Lead	208-1	7623318	7869869	7832734	7775307	1.71	cps
Lithium	6-1	1986033	1911624	1912642	1936766	2.20	cps
Magnesium	24-2	2666273	2670307	2705949	2680843	0.81	cps
Manganese	55-2	588939	591494	585158	588531	0.54	cps
Molybdenum	94-1	28568	28768	29136	28824	1.00	cps
Molybdenum	95-1	27616	28852	29266	28578	3.00	cps
Molybdenum	96-1	33488	34016	35116	34207	2.43	cps
Molybdenum	97-1	17654	18168	18432	18085	2.19	cps
Molybdenum	98-1	45849	46654	47310	46604	1.57	cps
Neodymium	150-1	41351	44106	43400	42952	3.33	cps
Neodymium	150-2	25857	26071	25864	25931	0.47	cps
Nickel	60-2	44696	44950	44509	44719	0.50	cps
Phosphorus	31-2	13152	13059	13496	13236	1.74	cps
Potassium	39-2	1261812	1270980	1260480	1264424	0.45	cps
Rhodium	103-1	12942911	12388314	12517919	12616381	2.30	cps
Rhodium	103-2	7586616	7614723	7520962	7574100	0.64	cps
Scandium	45-1	7409061	7025372	7119154	7184529	2.78	cps
Scandium	45-2	609859	605061	605336	606752	0.44	cps
Selenium	82-1	747	747	706	733	3.24	cps
Selenium	77-2	67	103	97	89	21.97	cps
Selenium	78-2	523	560	513	532	4.62	cps
Silicon	28-1	22528174	22918653	22700464	22715764	0.86	cps
Silver	107-1	56607	57346	57898	57284	1.13	cps
Silver	109-1	53609	54576	54810	54331	1.17	cps
Sodium	23-2	12081759	12131172	11979585	12064172	0.64	cps
Strontium	86-1	424596	435926	435172	431898	1.47	cps
Strontium	88-1	3718816	3910840	3855432	3828362	2.58	cps
Sulfur	34-1	591260	603015	606806	600360	1.35	cps
Terbium	159-1	18582414	17851688	17823616	18085906	2.38	cps
Terbium	159-2	12113324	11969812	11944087	12009074	0.76	cps
Thallium	203-1	2944	3167	3154	3088	4.06	cps
Thallium	205-1	7265	7415	7249	7310	1.26	cps
Tin	118-1	176366	179628	178251	178082	0.92	cps
Titanium	47-1	608836	620246	627838	618974	1.55	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-18	Instrumnet Name :	P7
Client Sample ID :	MJNKJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:00:04	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62935	62667	64864	63488	1.89	cps
Vanadium	51-2	165496	167407	165182	166028	0.73	cps
Yttrium	89-1	21731674	20506025	20835635	21024445	3.02	cps
Yttrium	89-2	5613561	5691207	5613333	5639367	0.80	cps
Zinc	66-2	301833	302708	299737	301426	0.51	cps
Zirconium	90-1	33107	33218	34110	33478	1.64	cps
Zirconium	91-1	7632	7702	7769	7701	0.89	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:03:11	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3051385	3029419	3005139	3028648	0.76	cps
Antimony	121-1	237711	239300	238575	238528	0.33	cps
Arsenic	75-2	79263	79451	77786	78833	1.16	cps
Barium	135-1	273757	278623	275121	275834	0.91	cps
Barium	137-1	473060	481182	476443	476895	0.86	cps
Beryllium	9-1	540	510	520	523	2.92	cps
Bismuth	209-1	10636139	10550581	10553058	10579926	0.46	cps
Bismuth	209-2	8614191	8602828	8641018	8619345	0.23	cps
Bromine	81-1	84929	90713	93563	89735	4.90	cps
Bromine	81-2	14734	15421	15031	15062	2.29	cps
Cadmium	108-1	380	460	460	433	10.66	cps
Cadmium	106-1	5644	5631	5458	5578	1.87	cps
Cadmium	111-1	7422	7667	7316	7468	2.41	cps
Calcium	43-1	1375518	1372872	1385017	1377802	0.46	cps
Calcium	44-1	21932345	22214811	21968152	22038436	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230935	230894	230207	230679	0.18	cps
Cobalt	59-2	141180	142280	141415	141625	0.41	cps
Copper	63-2	8453428	8452104	8407411	8437647	0.31	cps
Dysprosium	156-1	27460	29321	27888	28223	3.45	cps
Dysprosium	156-2	23026	23193	23269	23163	0.54	cps
Erbium	164-1	26265	26341	26585	26397	0.63	cps
Erbium	164-2	18062	18422	18439	18308	1.16	cps
Gadolinium	160-1	28519	28476	28703	28566	0.42	cps
Gadolinium	160-2	21550	21580	21396	21509	0.46	cps
Holmium	165-1	17331946	17069410	17179079	17193478	0.77	cps
Holmium	165-2	11907741	12063466	12027952	11999720	0.68	cps
Indium	115-1	13722376	13299622	13360267	13460755	1.70	cps
Indium	115-2	4712726	4771516	4785436	4756560	0.81	cps
Iron	56-2	144996431	146549478	145451555	145665821	0.55	cps
Iron	57-2	3647974	3670883	3629282	3649380	0.57	cps
Iron	54-2	7925593	7965101	7911657	7934117	0.35	cps
Krypton	83-1	253	267	237	252	5.96	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:03:11	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2553915	2611417	2577285	2580872	1.12	cps
Lead	207-1	2195065	2265338	2258447	2239617	1.73	cps
Lead	208-1	10100491	10335490	10206566	10214182	1.15	cps
Lithium	6-1	1921684	1944323	1928702	1931570	0.60	cps
Magnesium	24-2	3156394	3181041	3158216	3165217	0.43	cps
Manganese	55-2	827184	834537	831123	830948	0.44	cps
Molybdenum	94-1	37521	38160	38086	37922	0.92	cps
Molybdenum	95-1	27422	28077	28003	27834	1.29	cps
Molybdenum	96-1	35232	35730	35607	35523	0.73	cps
Molybdenum	97-1	17707	17474	17888	17690	1.17	cps
Molybdenum	98-1	45644	45016	45106	45255	0.75	cps
Neodymium	150-1	43303	44751	44717	44257	1.87	cps
Neodymium	150-2	26418	26208	26358	26328	0.41	cps
Nickel	60-2	53040	52565	52301	52635	0.71	cps
Phosphorus	31-2	14557	14907	15081	14848	1.80	cps
Potassium	39-2	1325873	1311140	1316870	1317961	0.56	cps
Rhodium	103-1	12515269	12148316	12188582	12284056	1.64	cps
Rhodium	103-2	7399130	7402744	7338126	7380000	0.49	cps
Scandium	45-1	7094573	6955709	6939887	6996723	1.22	cps
Scandium	45-2	585492	589268	592846	589202	0.62	cps
Selenium	82-1	804	804	852	820	3.43	cps
Selenium	77-2	107	57	113	92	33.58	cps
Selenium	78-2	497	480	450	476	4.97	cps
Silicon	28-1	28524895	28394931	28593781	28504536	0.35	cps
Silver	107-1	91761	90852	91402	91338	0.50	cps
Silver	109-1	87026	86516	86794	86779	0.29	cps
Sodium	23-2	11780001	11730000	11754457	11754819	0.21	cps
Strontium	86-1	1603710	1626360	1616927	1615666	0.70	cps
Strontium	88-1	13956733	14226139	14099907	14094260	0.96	cps
Sulfur	34-1	470031	480615	475209	475285	1.11	cps
Terbium	159-1	17611398	17688366	17625932	17641899	0.23	cps
Terbium	159-2	11772878	11794096	11690616	11752530	0.47	cps
Thallium	203-1	5358	5138	5294	5263	2.15	cps
Thallium	205-1	12329	12356	12329	12338	0.12	cps
Tin	118-1	231673	235674	234699	234015	0.89	cps
Titanium	47-1	699988	703318	697112	700139	0.44	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-19	Instrumnet Name :	P7
Client Sample ID :	MJNKJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:03:11	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44641	45006	44929	44859	0.43	cps
Vanadium	51-2	176384	176556	175814	176252	0.22	cps
Yttrium	89-1	20755347	20381526	20494108	20543660	0.93	cps
Yttrium	89-2	5504566	5428207	5503360	5478711	0.80	cps
Zinc	66-2	866484	868346	862863	865897	0.32	cps
Zirconium	90-1	59249	58710	60922	59627	1.93	cps
Zirconium	91-1	13603	13493	13239	13445	1.39	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-20	Instrumnet Name :	P7
Client Sample ID :	MJNKJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:06:17	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3473625	3491996	3471623	3479081	0.32	cps
Antimony	121-1	196367	199985	199315	198556	0.97	cps
Arsenic	75-2	79991	80828	80363	80394	0.52	cps
Barium	135-1	166413	172113	172851	170459	2.07	cps
Barium	137-1	291093	297424	298546	295688	1.36	cps
Beryllium	9-1	543	547	503	531	4.54	cps
Bismuth	209-1	10840429	10700698	10642154	10727760	0.95	cps
Bismuth	209-2	8873467	8693901	8844975	8804114	1.10	cps
Bromine	81-1	83357	89730	91548	88212	4.88	cps
Bromine	81-2	14948	14764	15078	14930	1.06	cps
Cadmium	108-1	313	347	387	349	10.52	cps
Cadmium	106-1	5438	5211	5408	5352	2.30	cps
Cadmium	111-1	7158	6705	7015	6959	3.32	cps
Calcium	43-1	248522	254423	252989	251978	1.22	cps
Calcium	44-1	3880916	3995680	3954102	3943566	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	299176	298886	295168	297743	0.75	cps
Cobalt	59-2	83993	84144	84020	84052	0.10	cps
Copper	63-2	12807145	12739174	12924287	12823535	0.73	cps
Dysprosium	156-1	32491	33594	33430	33171	1.79	cps
Dysprosium	156-2	26879	27584	27347	27270	1.31	cps
Erbium	164-1	28853	29902	29531	29429	1.81	cps
Erbium	164-2	20709	21139	20952	20934	1.03	cps
Gadolinium	160-1	33313	33330	32969	33204	0.61	cps
Gadolinium	160-2	25076	24468	24692	24745	1.24	cps
Holmium	165-1	17383587	17309547	17198943	17297359	0.54	cps
Holmium	165-2	12320798	12157771	12025817	12168129	1.21	cps
Indium	115-1	13693937	13569745	13690244	13651309	0.52	cps
Indium	115-2	4895431	4906982	4855110	4885841	0.56	cps
Iron	56-2	117696525	116508928	117813068	117339507	0.62	cps
Iron	57-2	2918581	2914288	2876536	2903135	0.80	cps
Iron	54-2	6381062	6360920	6354729	6365570	0.22	cps
Krypton	83-1	290	237	220	249	14.69	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-20	Instrumnet Name :	P7
Client Sample ID :	MJNKJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:06:17	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2597742	2689745	2649979	2645822	1.74	cps
Lead	207-1	2276786	2287154	2306647	2290196	0.66	cps
Lead	208-1	10355092	10565145	10524964	10481734	1.06	cps
Lithium	6-1	1941398	1901135	1896207	1912913	1.30	cps
Magnesium	24-2	3046877	3061308	3070300	3059495	0.39	cps
Manganese	55-2	686696	687760	686575	687010	0.09	cps
Molybdenum	94-1	48884	49734	50015	49545	1.19	cps
Molybdenum	95-1	43267	44377	44166	43937	1.34	cps
Molybdenum	96-1	51791	53367	53179	52779	1.63	cps
Molybdenum	97-1	27436	27429	27703	27523	0.57	cps
Molybdenum	98-1	69816	71832	71474	71040	1.51	cps
Neodymium	150-1	53244	53829	53906	53659	0.67	cps
Neodymium	150-2	31812	32394	32651	32286	1.33	cps
Nickel	60-2	82036	80762	80511	81103	1.01	cps
Phosphorus	31-2	13593	13930	13676	13733	1.28	cps
Potassium	39-2	1382065	1358846	1361856	1367589	0.92	cps
Rhodium	103-1	12612100	12502041	12616329	12576823	0.52	cps
Rhodium	103-2	7584633	7525542	7504909	7538361	0.55	cps
Scandium	45-1	7130603	7111334	7148569	7130169	0.26	cps
Scandium	45-2	613084	608839	609087	610336	0.39	cps
Selenium	82-1	764	926	862	851	9.58	cps
Selenium	77-2	117	117	110	114	3.36	cps
Selenium	78-2	593	550	507	550	7.88	cps
Silicon	28-1	27896051	28525959	28702769	28374926	1.49	cps
Silver	107-1	98951	101898	101972	100940	1.71	cps
Silver	109-1	93238	97005	95897	95380	2.03	cps
Sodium	23-2	13498509	13423137	13419559	13447068	0.33	cps
Strontium	86-1	296208	304993	304056	301752	1.60	cps
Strontium	88-1	2646021	2686298	2704533	2678951	1.12	cps
Sulfur	34-1	763629	768141	758195	763322	0.65	cps
Terbium	159-1	17838018	17573732	17949047	17786932	1.08	cps
Terbium	159-2	11997808	11760654	11852925	11870462	1.01	cps
Thallium	203-1	4678	4748	4801	4742	1.30	cps
Thallium	205-1	10938	11658	11718	11438	3.80	cps
Tin	118-1	208677	215566	214313	212852	1.72	cps
Titanium	47-1	946881	971617	970695	963064	1.46	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-20	Instrumnet Name :	P7
Client Sample ID :	MJNKJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:06:17	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70391	72352	72074	71606	1.48	cps
Vanadium	51-2	207126	207436	204415	206325	0.81	cps
Yttrium	89-1	21273996	20913493	21185297	21124262	0.89	cps
Yttrium	89-2	5677726	5643003	5617164	5645964	0.54	cps
Zinc	66-2	375279	375812	372150	374414	0.53	cps
Zirconium	90-1	65231	67779	66858	66623	1.94	cps
Zirconium	91-1	14684	15321	14848	14951	2.21	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-21	Instrumnet Name :	P7
Client Sample ID :	MJNKJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:09:23	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2948978	2930716	2934039	2937911	0.33	cps
Antimony	121-1	45539	44656	45355	45183	1.03	cps
Arsenic	75-2	26544	26317	26227	26362	0.62	cps
Barium	135-1	97380	97581	98098	97686	0.38	cps
Barium	137-1	168175	168455	168820	168483	0.19	cps
Beryllium	9-1	377	443	420	413	8.18	cps
Bismuth	209-1	10550456	10824113	10563651	10646073	1.45	cps
Bismuth	209-2	8869013	8729677	8725015	8774568	0.93	cps
Bromine	81-1	34868	35927	37381	36058	3.50	cps
Bromine	81-2	4541	4721	4607	4623	1.97	cps
Cadmium	108-1	110	120	180	137	27.70	cps
Cadmium	106-1	5074	4671	4667	4804	4.87	cps
Cadmium	111-1	4602	4376	4338	4438	3.21	cps
Calcium	43-1	172107	171840	170485	171477	0.51	cps
Calcium	44-1	2734722	2695657	2636559	2688979	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111239	111894	111145	111426	0.37	cps
Cobalt	59-2	50582	51264	50635	50827	0.75	cps
Copper	63-2	2869349	2848754	2864384	2860829	0.38	cps
Dysprosium	156-1	32437	32668	32377	32494	0.47	cps
Dysprosium	156-2	25640	26101	26555	26099	1.75	cps
Erbium	164-1	27988	28362	29444	28598	2.64	cps
Erbium	164-2	19814	19734	20064	19871	0.87	cps
Gadolinium	160-1	32190	32481	32855	32509	1.03	cps
Gadolinium	160-2	24304	23797	23830	23977	1.18	cps
Holmium	165-1	17002728	17084680	17508984	17198797	1.58	cps
Holmium	165-2	12134724	12110857	12200243	12148608	0.38	cps
Indium	115-1	13477584	13376154	13622056	13491931	0.92	cps
Indium	115-2	4809244	4807340	4767255	4794613	0.49	cps
Iron	56-2	77166714	76613372	76813371	76864486	0.36	cps
Iron	57-2	1911479	1903839	1903444	1906254	0.24	cps
Iron	54-2	4141937	4183195	4114128	4146420	0.84	cps
Krypton	83-1	230	277	253	253	9.21	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-21	Instrumnet Name :	P7
Client Sample ID :	MJNKJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:09:23	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1226092	1230757	1240593	1232481	0.60	cps
Lead	207-1	1041274	1050201	1044890	1045455	0.43	cps
Lead	208-1	4870488	4915563	4876909	4887653	0.50	cps
Lithium	6-1	1897589	1913670	1925166	1912142	0.72	cps
Magnesium	24-2	2003364	2024836	1981776	2003325	1.07	cps
Manganese	55-2	557250	554744	550672	554222	0.60	cps
Molybdenum	94-1	21082	21172	20972	21075	0.48	cps
Molybdenum	95-1	3660	3567	3724	3650	2.16	cps
Molybdenum	96-1	7966	8186	8029	8060	1.41	cps
Molybdenum	97-1	2240	2247	2374	2287	3.29	cps
Molybdenum	98-1	6015	5838	5965	5939	1.53	cps
Neodymium	150-1	52374	53779	53120	53091	1.32	cps
Neodymium	150-2	30994	31532	31549	31358	1.01	cps
Nickel	60-2	52264	52354	51301	51973	1.12	cps
Phosphorus	31-2	15488	15151	15251	15297	1.13	cps
Potassium	39-2	778998	775132	771232	775121	0.50	cps
Rhodium	103-1	12504549	12423299	12418719	12448856	0.39	cps
Rhodium	103-2	7542946	7488785	7551438	7527723	0.45	cps
Scandium	45-1	7038237	7018926	6970886	7009350	0.49	cps
Scandium	45-2	602110	599074	596925	599369	0.43	cps
Selenium	82-1	739	706	696	714	3.16	cps
Selenium	77-2	107	93	70	90	20.62	cps
Selenium	78-2	503	547	527	526	4.13	cps
Silicon	28-1	23538593	23334611	23358970	23410725	0.48	cps
Silver	107-1	11355	10761	10801	10972	3.02	cps
Silver	109-1	10651	10394	10314	10453	1.68	cps
Sodium	23-2	4469434	4417151	4363732	4416772	1.20	cps
Strontium	86-1	169206	169008	170464	169559	0.47	cps
Strontium	88-1	1503847	1488231	1471196	1487758	1.10	cps
Sulfur	34-1	237519	235557	233399	235492	0.88	cps
Terbium	159-1	17599681	17664763	17671072	17645172	0.22	cps
Terbium	159-2	11860304	11724997	11802057	11795786	0.58	cps
Thallium	203-1	1320	1123	1183	1209	8.34	cps
Thallium	205-1	2914	2797	2870	2860	2.06	cps
Tin	118-1	37315	37776	38010	37700	0.94	cps
Titanium	47-1	870198	864180	862719	865699	0.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-21	Instrumnet Name :	P7
Client Sample ID :	MJNKJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:09:23	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32202	32085	32426	32238	0.54	cps
Vanadium	51-2	194790	195480	196313	195528	0.39	cps
Yttrium	89-1	20539738	20707028	20775513	20674093	0.59	cps
Yttrium	89-2	5547554	5582816	5527160	5552510	0.51	cps
Zinc	66-2	107906	106755	106738	107133	0.63	cps
Zirconium	90-1	50834	50634	50961	50810	0.33	cps
Zirconium	91-1	11545	11101	11214	11287	2.04	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:12:29	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1967229	1986703	1946312	1966748	1.03	cps
Antimony	121-1	2916400	3015531	2989409	2973780	1.73	cps
Arsenic	75-2	479442	481087	481738	480756	0.25	cps
Barium	135-1	322169	325286	329738	325731	1.17	cps
Barium	137-1	559132	571792	562085	564336	1.17	cps
Beryllium	9-1	523	393	433	450	14.80	cps
Bismuth	209-1	10345291	10741219	10996998	10694503	3.07	cps
Bismuth	209-2	8679894	8564138	8628135	8624056	0.67	cps
Bromine	81-1	34845	37060	36789	36231	3.34	cps
Bromine	81-2	4527	4687	4481	4565	2.38	cps
Cadmium	108-1	470	433	407	437	7.28	cps
Cadmium	106-1	5348	5261	5348	5319	0.94	cps
Cadmium	111-1	6585	6333	6692	6537	2.82	cps
Calcium	43-1	308649	317864	316668	314394	1.59	cps
Calcium	44-1	4854505	4996812	4977347	4942888	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103529	102905	104271	103568	0.66	cps
Cobalt	59-2	468020	471333	470181	469845	0.36	cps
Copper	63-2	1710648	1728546	1732329	1723841	0.67	cps
Dysprosium	156-1	15275	15916	15866	15686	2.27	cps
Dysprosium	156-2	13059	13156	13390	13202	1.29	cps
Erbium	164-1	15298	15776	15355	15476	1.68	cps
Erbium	164-2	11175	11448	11178	11267	1.39	cps
Gadolinium	160-1	15555	16383	15999	15979	2.59	cps
Gadolinium	160-2	12265	12579	12192	12346	1.67	cps
Holmium	165-1	16517079	17519716	17964132	17333643	4.28	cps
Holmium	165-2	12026332	12031116	11862752	11973400	0.80	cps
Indium	115-1	13306640	13830673	14445685	13860999	4.11	cps
Indium	115-2	4984071	4893043	4913216	4930110	0.97	cps
Iron	56-2	183218411	184344184	184132311	183898302	0.33	cps
Iron	57-2	4593116	4566848	4494058	4551341	1.13	cps
Iron	54-2	9912365	9950564	9887279	9916736	0.32	cps
Krypton	83-1	210	203	180	198	7.97	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:12:29	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6194925	6284372	6272235	6250511	0.78	cps
Lead	207-1	5449177	5412385	5391125	5417562	0.54	cps
Lead	208-1	24777957	24750899	24693583	24740813	0.17	cps
Lithium	6-1	1846333	1891557	1885910	1874600	1.31	cps
Magnesium	24-2	1974905	2005550	2000371	1993609	0.82	cps
Manganese	55-2	1305863	1313678	1307592	1309044	0.31	cps
Molybdenum	94-1	62540	64019	63256	63271	1.17	cps
Molybdenum	95-1	64803	65278	65988	65356	0.91	cps
Molybdenum	96-1	75936	78017	78037	77330	1.56	cps
Molybdenum	97-1	41088	42294	41897	41759	1.47	cps
Molybdenum	98-1	104547	106196	106377	105706	0.95	cps
Neodymium	150-1	24231	25293	24618	24714	2.17	cps
Neodymium	150-2	15048	14731	14324	14701	2.47	cps
Nickel	60-2	47786	47886	47853	47842	0.11	cps
Phosphorus	31-2	9560	9807	9463	9610	1.84	cps
Potassium	39-2	1163571	1166988	1158616	1163058	0.36	cps
Rhodium	103-1	12022150	12523042	12889908	12478366	3.49	cps
Rhodium	103-2	7473187	7469871	7453748	7465602	0.14	cps
Scandium	45-1	6736964	7066209	7214533	7005902	3.49	cps
Scandium	45-2	600886	599302	598886	599691	0.18	cps
Selenium	82-1	705	768	747	740	4.37	cps
Selenium	77-2	67	63	37	56	29.59	cps
Selenium	78-2	497	480	473	483	2.49	cps
Silicon	28-1	17452761	18013398	17941499	17802553	1.71	cps
Silver	107-1	13850	14371	14154	14125	1.85	cps
Silver	109-1	12956	13500	13453	13303	2.27	cps
Sodium	23-2	4267004	4300911	4253707	4273874	0.57	cps
Strontium	86-1	304268	309428	307194	306963	0.84	cps
Strontium	88-1	2712518	2727649	2694770	2711645	0.61	cps
Sulfur	34-1	181254	187825	189259	186113	2.29	cps
Terbium	159-1	16972999	17802511	18216656	17664055	3.59	cps
Terbium	159-2	11851254	11875532	11704061	11810282	0.79	cps
Thallium	203-1	3194	2954	3217	3122	4.67	cps
Thallium	205-1	7252	7265	7062	7193	1.58	cps
Tin	118-1	789971	788868	794218	791019	0.36	cps
Titanium	47-1	427053	429922	432860	429945	0.68	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:12:29	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34983	35594	35865	35481	1.27	cps
Vanadium	51-2	115458	114826	113697	114660	0.78	cps
Yttrium	89-1	19946279	20693807	21283516	20641201	3.25	cps
Yttrium	89-2	5616251	5545875	5466664	5542930	1.35	cps
Zinc	66-2	2490950	2453514	2463165	2469210	0.79	cps
Zirconium	90-1	69855	70652	70073	70193	0.59	cps
Zirconium	91-1	15962	16152	16139	16084	0.66	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:15:33	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2059831	2040562	2061289	2053894	0.56	cps
Antimony	121-1	3081582	3116357	3113770	3103903	0.62	cps
Arsenic	75-2	498222	497845	494423	496830	0.42	cps
Barium	135-1	333965	337569	339550	337028	0.84	cps
Barium	137-1	580664	584842	588198	584568	0.65	cps
Beryllium	9-1	543	453	413	470	14.17	cps
Bismuth	209-1	10536783	10591248	10509311	10545780	0.40	cps
Bismuth	209-2	8752653	8700914	8609279	8687616	0.84	cps
Bromine	81-1	35072	36328	36866	36089	2.55	cps
Bromine	81-2	4537	4671	4611	4606	1.45	cps
Cadmium	108-1	433	550	473	486	12.21	cps
Cadmium	106-1	5624	5444	5358	5476	2.48	cps
Cadmium	111-1	6908	6796	6699	6801	1.53	cps
Calcium	43-1	328148	328850	330665	329221	0.39	cps
Calcium	44-1	5103795	5129325	5099905	5111008	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108412	108926	106674	108004	1.09	cps
Cobalt	59-2	488810	489522	488913	489082	0.08	cps
Copper	63-2	1816244	1797105	1776243	1796531	1.11	cps
Dysprosium	156-1	16166	16433	16393	16331	0.88	cps
Dysprosium	156-2	13537	13457	13420	13471	0.44	cps
Erbium	164-1	15966	16393	16433	16264	1.59	cps
Erbium	164-2	11505	11408	11595	11503	0.81	cps
Gadolinium	160-1	16176	16700	17371	16749	3.58	cps
Gadolinium	160-2	12632	12979	12482	12698	2.01	cps
Holmium	165-1	16973028	17151629	17006064	17043573	0.56	cps
Holmium	165-2	12058015	11999586	12006678	12021426	0.27	cps
Indium	115-1	13956613	13748592	13781472	13828893	0.81	cps
Indium	115-2	4977049	5046356	5013592	5012332	0.69	cps
Iron	56-2	190119964	190282217	188491197	189631126	0.52	cps
Iron	57-2	4727365	4713687	4712767	4717939	0.17	cps
Iron	54-2	10305012	10312056	10259236	10292101	0.28	cps
Krypton	83-1	253	277	273	268	4.71	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:15:33	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6381965	6387626	6469720	6413104	0.77	cps
Lead	207-1	5516108	5544715	5621069	5560631	0.98	cps
Lead	208-1	25329805	25432755	25569729	25444096	0.47	cps
Lithium	6-1	1937391	1895832	1864482	1899235	1.93	cps
Magnesium	24-2	2075183	2096720	2063406	2078436	0.81	cps
Manganese	55-2	1366234	1359351	1346901	1357495	0.72	cps
Molybdenum	94-1	64849	64769	64829	64816	0.06	cps
Molybdenum	95-1	68174	67602	67418	67731	0.58	cps
Molybdenum	96-1	78496	79344	79213	79017	0.58	cps
Molybdenum	97-1	41960	42405	42976	42447	1.20	cps
Molybdenum	98-1	109762	110682	110467	110304	0.44	cps
Neodymium	150-1	25233	25279	24986	25166	0.63	cps
Neodymium	150-2	15185	14895	14855	14978	1.20	cps
Nickel	60-2	49388	49398	49779	49521	0.45	cps
Phosphorus	31-2	9810	10240	10053	10034	2.15	cps
Potassium	39-2	1210008	1214920	1203646	1209524	0.47	cps
Rhodium	103-1	12422544	12346224	12371365	12380044	0.31	cps
Rhodium	103-2	7521875	7527226	7553368	7534156	0.22	cps
Scandium	45-1	7065130	7039386	6952373	7018963	0.84	cps
Scandium	45-2	603447	603551	606685	604561	0.30	cps
Selenium	82-1	708	653	586	649	9.45	cps
Selenium	77-2	40	87	53	60	40.07	cps
Selenium	78-2	613	550	443	536	16.04	cps
Silicon	28-1	18218791	18291371	18372029	18294063	0.42	cps
Silver	107-1	14561	14494	14364	14473	0.69	cps
Silver	109-1	13553	14090	13723	13789	1.99	cps
Sodium	23-2	4489019	4519409	4412145	4473524	1.24	cps
Strontium	86-1	314381	317384	319837	317201	0.86	cps
Strontium	88-1	2790538	2822796	2823232	2812189	0.67	cps
Sulfur	34-1	197823	197839	197806	197823	0.01	cps
Terbium	159-1	17611004	17542693	17316055	17489918	0.88	cps
Terbium	159-2	11876490	11781103	11836025	11831206	0.40	cps
Thallium	203-1	3074	3130	3224	3143	2.41	cps
Thallium	205-1	7345	7579	7429	7451	1.59	cps
Tin	118-1	815320	820562	826095	820659	0.66	cps
Titanium	47-1	447117	449005	447377	447833	0.23	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:15:33	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36079	35841	35541	35820	0.75	cps
Vanadium	51-2	120130	118712	119005	119282	0.63	cps
Yttrium	89-1	20473388	20325073	20224587	20341016	0.62	cps
Yttrium	89-2	5541457	5586272	5490725	5539485	0.86	cps
Zinc	66-2	2586312	2568024	2537349	2563895	0.96	cps
Zirconium	90-1	70277	71172	71242	70897	0.76	cps
Zirconium	91-1	16650	16249	16640	16513	1.38	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:18:34	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393408	393692	391534	392878	0.30	cps
Antimony	121-1	586868	586826	587353	587016	0.05	cps
Arsenic	75-2	96726	96008	95504	96079	0.64	cps
Barium	135-1	66394	66126	65466	65995	0.72	cps
Barium	137-1	112178	113781	112695	112885	0.72	cps
Beryllium	9-1	130	120	103	118	11.44	cps
Bismuth	209-1	10282439	10215383	10350869	10282897	0.66	cps
Bismuth	209-2	8518268	8619186	8530318	8555924	0.64	cps
Bromine	81-1	19947	19566	19566	19693	1.12	cps
Bromine	81-2	1177	1220	1210	1202	1.89	cps
Cadmium	108-1	80	100	143	108	30.04	cps
Cadmium	106-1	5241	4641	4788	4890	6.40	cps
Cadmium	111-1	4276	3895	3911	4027	5.35	cps
Calcium	43-1	65293	64570	64537	64800	0.66	cps
Calcium	44-1	1057199	1055609	1052706	1055171	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22487	22200	21789	22159	1.58	cps
Cobalt	59-2	95927	95863	95193	95661	0.43	cps
Copper	63-2	348444	346582	347473	347500	0.27	cps
Dysprosium	156-1	3284	3174	3204	3220	1.77	cps
Dysprosium	156-2	2540	2557	2574	2557	0.65	cps
Erbium	164-1	3117	3234	3200	3184	1.89	cps
Erbium	164-2	2230	2247	2327	2268	2.28	cps
Gadolinium	160-1	3197	3274	3174	3215	1.63	cps
Gadolinium	160-2	2984	2950	2980	2971	0.62	cps
Holmium	165-1	16979986	16622078	16617159	16739741	1.24	cps
Holmium	165-2	11806821	11987196	11852706	11882241	0.79	cps
Indium	115-1	13424800	13582534	13414642	13473992	0.70	cps
Indium	115-2	4933681	4882952	4777029	4864554	1.64	cps
Iron	56-2	37132739	36937029	37071603	37047124	0.27	cps
Iron	57-2	950487	940899	943814	945067	0.52	cps
Iron	54-2	2034176	1985625	2021914	2013905	1.25	cps
Krypton	83-1	263	227	233	241	8.10	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:18:34	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1210461	1212379	1200429	1207756	0.53	cps
Lead	207-1	1027764	1037286	1040354	1035135	0.63	cps
Lead	208-1	4775747	4822052	4874214	4824004	1.02	cps
Lithium	6-1	1830905	1834044	1831569	1832173	0.09	cps
Magnesium	24-2	394252	395117	395371	394913	0.15	cps
Manganese	55-2	265280	266394	266684	266119	0.28	cps
Molybdenum	94-1	12532	13026	13153	12904	2.54	cps
Molybdenum	95-1	12996	12842	12799	12879	0.80	cps
Molybdenum	96-1	15719	15872	15678	15756	0.65	cps
Molybdenum	97-1	8372	8259	8352	8328	0.73	cps
Molybdenum	98-1	21142	21266	21816	21408	1.68	cps
Neodymium	150-1	5001	4864	5078	4981	2.17	cps
Neodymium	150-2	2940	2957	2900	2933	0.99	cps
Nickel	60-2	10180	9890	9743	9938	2.24	cps
Phosphorus	31-2	2073	2027	1980	2027	2.30	cps
Potassium	39-2	279819	280532	280012	280121	0.13	cps
Rhodium	103-1	12445581	12394279	12345591	12395150	0.40	cps
Rhodium	103-2	7478837	7454993	7554789	7496206	0.70	cps
Scandium	45-1	7038994	6933889	6965420	6979434	0.77	cps
Scandium	45-2	602333	600455	598071	600286	0.36	cps
Selenium	82-1	531	552	544	542	2.04	cps
Selenium	77-2	10	3	13	9	57.30	cps
Selenium	78-2	380	507	410	432	15.31	cps
Silicon	28-1	4364257	4353485	4355684	4357809	0.13	cps
Silver	107-1	2920	2880	2944	2915	1.10	cps
Silver	109-1	2814	2657	2747	2739	2.87	cps
Sodium	23-2	858793	852229	854663	855228	0.39	cps
Strontium	86-1	61671	61310	61518	61500	0.29	cps
Strontium	88-1	541359	545108	543656	543374	0.35	cps
Sulfur	34-1	158054	161231	161331	160205	1.16	cps
Terbium	159-1	17278727	17060500	17121995	17153741	0.66	cps
Terbium	159-2	11795711	11586291	11710482	11697495	0.90	cps
Thallium	203-1	763	733	720	739	3.00	cps
Thallium	205-1	1693	1797	1833	1775	4.09	cps
Tin	118-1	160108	161312	160597	160672	0.38	cps
Titanium	47-1	87015	88037	87776	87609	0.61	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKC7L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:18:34	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6932	7009	6725	6889	2.13	cps
Vanadium	51-2	23295	23328	23408	23344	0.25	cps
Yttrium	89-1	20178893	20126889	19739782	20015188	1.20	cps
Yttrium	89-2	5502952	5424947	5434157	5454019	0.78	cps
Zinc	66-2	497414	497555	497451	497473	0.01	cps
Zirconium	90-1	14434	14647	14404	14495	0.92	cps
Zirconium	91-1	3254	3430	3324	3336	2.67	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:21:47	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2083295	2081375	2046145	2070272	1.01	cps
Antimony	121-1	2996095	3041434	3000084	3012538	0.83	cps
Arsenic	75-2	559892	557353	555988	557744	0.36	cps
Barium	135-1	1003845	1015172	1009831	1009616	0.56	cps
Barium	137-1	1757647	1768510	1783891	1770016	0.74	cps
Beryllium	9-1	8216	8259	8356	8277	0.87	cps
Bismuth	209-1	10579530	10348663	10280774	10402989	1.51	cps
Bismuth	209-2	8665867	8665222	8695670	8675586	0.20	cps
Bromine	81-1	33394	34480	36027	34634	3.82	cps
Bromine	81-2	4277	4357	4001	4212	4.44	cps
Cadmium	108-1	12415	12459	12445	12440	0.18	cps
Cadmium	106-1	21877	21750	21730	21785	0.37	cps
Cadmium	111-1	186664	189006	188289	187986	0.64	cps
Calcium	43-1	319867	323997	324299	322721	0.77	cps
Calcium	44-1	4995231	5055977	4982169	5011126	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	209605	209738	207371	208905	0.64	cps
Cobalt	59-2	896745	891872	888066	892228	0.49	cps
Copper	63-2	1913482	1863718	1880646	1885949	1.34	cps
Dysprosium	156-1	15762	15165	15759	15562	2.21	cps
Dysprosium	156-2	12763	12849	13153	12922	1.59	cps
Erbium	164-1	15852	15646	15382	15627	1.51	cps
Erbium	164-2	10918	11034	11038	10997	0.62	cps
Gadolinium	160-1	15809	15679	15926	15805	0.78	cps
Gadolinium	160-2	12656	12339	12235	12410	1.77	cps
Holmium	165-1	16935969	16836270	16778681	16850307	0.47	cps
Holmium	165-2	12002865	11973737	12071359	12015987	0.42	cps
Indium	115-1	13981939	13816629	13943092	13913887	0.62	cps
Indium	115-2	4951562	5001948	4965405	4972972	0.52	cps
Iron	56-2	185718851	185114864	183674644	184836119	0.57	cps
Iron	57-2	4632524	4557863	4579698	4590028	0.84	cps
Iron	54-2	10012801	10031924	9978328	10007684	0.27	cps
Krypton	83-1	257	270	317	281	11.21	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:21:47	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7202109	7221682	7306387	7243393	0.77	cps
Lead	207-1	6255221	6304942	6242797	6267653	0.52	cps
Lead	208-1	28526258	28625005	28728155	28626472	0.35	cps
Lithium	6-1	1887496	1874382	1847233	1869704	1.10	cps
Magnesium	24-2	2049652	2060622	2057993	2056089	0.28	cps
Manganese	55-2	1525884	1537917	1518355	1527385	0.65	cps
Molybdenum	94-1	65737	67099	67916	66917	1.65	cps
Molybdenum	95-1	72093	73916	72900	72970	1.25	cps
Molybdenum	96-1	84586	84559	83835	84327	0.51	cps
Molybdenum	97-1	45604	45848	46089	45847	0.53	cps
Molybdenum	98-1	117330	117555	118025	117637	0.30	cps
Neodymium	150-1	23944	24862	23897	24234	2.25	cps
Neodymium	150-2	14254	14775	14361	14463	1.90	cps
Nickel	60-2	155388	154917	154388	154898	0.32	cps
Phosphorus	31-2	9763	10050	9713	9842	1.85	cps
Potassium	39-2	1191204	1190640	1179992	1187279	0.53	cps
Rhodium	103-1	12556869	12549307	12391332	12499169	0.75	cps
Rhodium	103-2	7482609	7543122	7537455	7521062	0.44	cps
Scandium	45-1	7082802	7121214	7008808	7070941	0.81	cps
Scandium	45-2	610029	610949	607360	609446	0.31	cps
Selenium	82-1	24370	24672	24181	24408	1.01	cps
Selenium	77-2	2620	2600	2584	2601	0.71	cps
Selenium	78-2	8876	8786	8656	8773	1.26	cps
Silicon	28-1	17961696	18338206	18163130	18154344	1.04	cps
Silver	107-1	100723	101327	100733	100928	0.34	cps
Silver	109-1	94243	96193	95626	95354	1.05	cps
Sodium	23-2	4372743	4294306	4384330	4350460	1.13	cps
Strontium	86-1	304241	311328	310215	308595	1.24	cps
Strontium	88-1	2714581	2754740	2704013	2724445	0.98	cps
Sulfur	34-1	203391	204289	201916	203199	0.59	cps
Terbium	159-1	17588453	17494362	17489517	17524111	0.32	cps
Terbium	159-2	12064110	11928201	11873373	11955228	0.82	cps
Thallium	203-1	1304544	1312437	1313718	1310233	0.38	cps
Thallium	205-1	3154230	3267366	3189183	3203593	1.81	cps
Tin	118-1	782349	796349	797241	791980	1.05	cps
Titanium	47-1	435877	441514	438542	438644	0.64	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC7S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:21:47	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34070	34338	34474	34294	0.60	cps
Vanadium	51-2	344093	342857	339432	342128	0.71	cps
Yttrium	89-1	20457706	20421156	20339533	20406132	0.30	cps
Yttrium	89-2	5625999	5563041	5591374	5593471	0.56	cps
Zinc	66-2	2560334	2555637	2571379	2562450	0.32	cps
Zirconium	90-1	68177	69808	68773	68920	1.20	cps
Zirconium	91-1	16319	16272	16199	16264	0.37	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:24:47	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2104158	2063113	2044947	2070739	1.46	cps
Antimony	121-1	132938	132077	130401	131805	0.98	cps
Arsenic	75-2	11174	11601	11144	11307	2.26	cps
Barium	135-1	620516	611094	612053	614554	0.84	cps
Barium	137-1	1073108	1068131	1058679	1066640	0.69	cps
Beryllium	9-1	1883	1903	1947	1911	1.69	cps
Bismuth	209-1	10486397	10298818	10459695	10414970	0.97	cps
Bismuth	209-2	8378953	8509589	8545095	8477879	1.03	cps
Bromine	81-1	27152	27502	27339	27331	0.64	cps
Bromine	81-2	2977	2754	2604	2778	6.76	cps
Cadmium	108-1	1723	1710	1550	1661	5.81	cps
Cadmium	106-1	7499	7232	6832	7187	4.67	cps
Cadmium	111-1	23623	23141	22973	23246	1.45	cps
Calcium	43-1	2656686	2618566	2620511	2631921	0.82	cps
Calcium	44-1	42823263	42272584	41627879	42241242	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5507582	5472376	5442391	5474116	0.60	cps
Cobalt	59-2	125566	125173	123321	124687	0.96	cps
Copper	63-2	530302	527505	523961	527256	0.60	cps
Dysprosium	156-1	21230	20762	20969	20987	1.12	cps
Dysprosium	156-2	17307	17060	16904	17090	1.19	cps
Erbium	164-1	21360	20916	21230	21168	1.08	cps
Erbium	164-2	14544	14581	14591	14572	0.17	cps
Gadolinium	160-1	20312	20105	20705	20374	1.50	cps
Gadolinium	160-2	15649	15469	15055	15391	1.98	cps
Holmium	165-1	17123949	16893744	16852340	16956678	0.86	cps
Holmium	165-2	11731466	11697114	11750871	11726484	0.23	cps
Indium	115-1	13292177	13134780	12858076	13095011	1.68	cps
Indium	115-2	4495629	4515494	4547468	4519530	0.58	cps
Iron	56-2	760588229	755381562	752650042	756206611	0.53	cps
Iron	57-2	18783782	18780424	18555274	18706493	0.70	cps
Iron	54-2	41044430	41004485	40557176	40868697	0.66	cps
Krypton	83-1	237	290	223	250	14.11	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:24:47	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9262809	9251634	9313319	9275920	0.35	cps
Lead	207-1	7615832	7595284	7692794	7634637	0.67	cps
Lead	208-1	35558106	35432571	35825472	35605383	0.56	cps
Lithium	6-1	1907638	1858858	1904638	1890378	1.45	cps
Magnesium	24-2	6221255	6289599	6197324	6236059	0.77	cps
Manganese	55-2	35284975	34998217	34767734	35016976	0.74	cps
Molybdenum	94-1	116035	115336	113347	114906	1.21	cps
Molybdenum	95-1	157504	156870	154859	156411	0.88	cps
Molybdenum	96-1	180647	181063	179899	180536	0.33	cps
Molybdenum	97-1	100287	99036	96388	98570	2.02	cps
Molybdenum	98-1	254198	253242	250689	252710	0.72	cps
Neodymium	150-1	32437	31645	31946	32010	1.25	cps
Neodymium	150-2	18829	18819	19110	18919	0.87	cps
Nickel	60-2	817381	812523	806084	811996	0.70	cps
Phosphorus	31-2	15201	15648	15368	15406	1.47	cps
Potassium	39-2	836245	830219	829875	832113	0.43	cps
Rhodium	103-1	12130946	12015711	11926056	12024238	0.85	cps
Rhodium	103-2	7089075	6974436	7030562	7031357	0.82	cps
Scandium	45-1	6916497	6789937	6696996	6801144	1.62	cps
Scandium	45-2	557373	554807	552408	554863	0.45	cps
Selenium	82-1	860	757	782	799	6.71	cps
Selenium	77-2	80	63	57	67	18.03	cps
Selenium	78-2	397	447	477	440	9.18	cps
Silicon	28-1	22897057	22548331	22347846	22597744	1.23	cps
Silver	107-1	50591	49611	49585	49929	1.15	cps
Silver	109-1	48614	47879	46668	47720	2.06	cps
Sodium	23-2	226150	222717	223221	224029	0.83	cps
Strontium	86-1	533747	533959	525699	531135	0.89	cps
Strontium	88-1	4757272	4670378	4618610	4682087	1.50	cps
Sulfur	34-1	248928	244448	241800	245059	1.47	cps
Terbium	159-1	17460619	17216086	17115461	17264055	1.03	cps
Terbium	159-2	11526599	11542841	11364610	11478017	0.86	cps
Thallium	203-1	18249	18226	18172	18216	0.22	cps
Thallium	205-1	43329	43844	44011	43728	0.81	cps
Tin	118-1	118805	116271	114826	116634	1.73	cps
Titanium	47-1	621420	615177	611878	616158	0.79	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:24:47	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35972	36316	37068	36452	1.54	cps
Vanadium	51-2	291168	289088	287461	289239	0.64	cps
Yttrium	89-1	20555110	20145783	19918436	20206443	1.60	cps
Yttrium	89-2	5245853	5238778	5271366	5251999	0.33	cps
Zinc	66-2	2007211	2014830	2022758	2014933	0.39	cps
Zirconium	90-1	67390	67906	66530	67275	1.03	cps
Zirconium	91-1	15338	14814	14501	14884	2.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:27:52	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2007565	2020571	2023962	2017366	0.43	cps
Antimony	121-1	131256	132252	130923	131477	0.53	cps
Arsenic	75-2	11091	11231	11351	11224	1.16	cps
Barium	135-1	611893	615319	615224	614146	0.32	cps
Barium	137-1	1064701	1072201	1067984	1068295	0.35	cps
Beryllium	9-1	1933	1907	1907	1916	0.80	cps
Bismuth	209-1	10532183	10506813	10479383	10506126	0.25	cps
Bismuth	209-2	8486967	8361741	8510755	8453154	0.95	cps
Bromine	81-1	25920	26130	26434	26161	0.99	cps
Bromine	81-2	2607	2697	2704	2669	2.02	cps
Cadmium	108-1	1563	1560	1607	1577	1.65	cps
Cadmium	106-1	7092	6915	6625	6877	3.43	cps
Cadmium	111-1	23116	23088	22422	22875	1.72	cps
Calcium	43-1	2550689	2541611	2519674	2537325	0.63	cps
Calcium	44-1	41436047	40911938	40504235	40950740	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5404036	5390368	5368633	5387679	0.33	cps
Cobalt	59-2	124027	121940	122605	122857	0.87	cps
Copper	63-2	522241	518453	517064	519253	0.52	cps
Dysprosium	156-1	21233	21270	21046	21183	0.57	cps
Dysprosium	156-2	17271	16947	16820	17013	1.37	cps
Erbium	164-1	21410	21386	21513	21437	0.31	cps
Erbium	164-2	15369	14921	15068	15119	1.51	cps
Gadolinium	160-1	20545	20916	21043	20834	1.24	cps
Gadolinium	160-2	15816	15732	15535	15694	0.92	cps
Holmium	165-1	17049966	16699607	16736265	16828613	1.14	cps
Holmium	165-2	11635483	11567809	11624484	11609259	0.31	cps
Indium	115-1	12771885	12801949	12610612	12728149	0.81	cps
Indium	115-2	4400936	4443683	4383729	4409449	0.70	cps
Iron	56-2	743884789	740885056	736910096	740559980	0.47	cps
Iron	57-2	18735541	18358892	18415490	18503308	1.10	cps
Iron	54-2	40204200	40281207	40122144	40202517	0.20	cps
Krypton	83-1	217	267	167	217	23.08	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:27:52	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9504119	9599665	9706784	9603523	1.06	cps
Lead	207-1	7911342	7947043	7880301	7912896	0.42	cps
Lead	208-1	36759427	36958522	37019976	36912641	0.37	cps
Lithium	6-1	1917538	1899131	1935623	1917431	0.95	cps
Magnesium	24-2	6129487	6147263	6093181	6123310	0.45	cps
Manganese	55-2	34348709	34387663	34111104	34282492	0.44	cps
Molybdenum	94-1	112844	113331	112058	112744	0.57	cps
Molybdenum	95-1	154819	157092	154394	155435	0.93	cps
Molybdenum	96-1	178457	180073	177617	178716	0.70	cps
Molybdenum	97-1	97288	97328	96301	96972	0.60	cps
Molybdenum	98-1	249384	250917	249259	249853	0.37	cps
Neodymium	150-1	31569	32294	32210	32024	1.24	cps
Neodymium	150-2	18212	19240	18629	18694	2.77	cps
Nickel	60-2	796207	794218	793292	794572	0.19	cps
Phosphorus	31-2	15448	14677	14774	14966	2.81	cps
Potassium	39-2	817023	815690	805532	812749	0.77	cps
Rhodium	103-1	11663477	11488975	11494238	11548897	0.86	cps
Rhodium	103-2	6885079	6828847	6791897	6835275	0.69	cps
Scandium	45-1	6585669	6407817	6426596	6473361	1.51	cps
Scandium	45-2	533465	529760	529620	530948	0.41	cps
Selenium	82-1	767	752	838	786	5.87	cps
Selenium	77-2	120	73	57	83	39.39	cps
Selenium	78-2	470	397	470	446	9.50	cps
Silicon	28-1	22016770	21715696	21570363	21767609	1.05	cps
Silver	107-1	50190	49608	50414	50070	0.83	cps
Silver	109-1	47441	47615	46889	47315	0.80	cps
Sodium	23-2	218589	219670	219136	219132	0.25	cps
Strontium	86-1	523048	523143	525437	523876	0.26	cps
Strontium	88-1	4642146	4620892	4601919	4621652	0.44	cps
Sulfur	34-1	226710	222722	221035	223489	1.30	cps
Terbium	159-1	17158178	17181068	17051262	17130169	0.40	cps
Terbium	159-2	11509982	11288150	11390523	11396218	0.97	cps
Thallium	203-1	18302	18606	18186	18365	1.18	cps
Thallium	205-1	43586	43553	43242	43460	0.44	cps
Tin	118-1	115569	115959	115451	115660	0.23	cps
Titanium	47-1	598980	594723	591260	594988	0.65	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:27:52	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37720	37904	37840	37821	0.25	cps
Vanadium	51-2	284948	282638	281091	282892	0.69	cps
Yttrium	89-1	19882979	19482993	19354533	19573502	1.41	cps
Yttrium	89-2	5170750	5045876	5080747	5099124	1.26	cps
Zinc	66-2	2003419	2016071	1985350	2001614	0.77	cps
Zirconium	90-1	66948	66536	66506	66664	0.37	cps
Zirconium	91-1	14290	15074	15255	14873	3.45	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:30:55	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375785	377252	378767	377268	0.40	cps
Antimony	121-1	24351	24771	24514	24545	0.86	cps
Arsenic	75-2	2164	2160	2227	2184	1.72	cps
Barium	135-1	117194	116498	119254	117649	1.22	cps
Barium	137-1	205960	205083	203261	204768	0.67	cps
Beryllium	9-1	493	470	430	464	6.90	cps
Bismuth	209-1	10177734	10297070	10196423	10223742	0.63	cps
Bismuth	209-2	8282219	8466196	8309462	8352626	1.19	cps
Bromine	81-1	14828	15365	14871	15021	1.99	cps
Bromine	81-2	677	677	717	690	3.35	cps
Cadmium	108-1	343	337	347	342	1.49	cps
Cadmium	106-1	4928	4901	4844	4891	0.87	cps
Cadmium	111-1	7136	7226	7229	7197	0.73	cps
Calcium	43-1	489705	489032	488772	489170	0.10	cps
Calcium	44-1	7667411	7624469	7647757	7646546	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1018280	1019623	1021678	1019860	0.17	cps
Cobalt	59-2	24230	24303	24617	24383	0.84	cps
Copper	63-2	101484	102085	101693	101754	0.30	cps
Dysprosium	156-1	3944	3811	4061	3938	3.18	cps
Dysprosium	156-2	3054	3247	3380	3227	5.09	cps
Erbium	164-1	4064	4154	4274	4164	2.53	cps
Erbium	164-2	2867	3097	2900	2955	4.21	cps
Gadolinium	160-1	3847	4117	3927	3964	3.50	cps
Gadolinium	160-2	3264	3317	3557	3379	4.62	cps
Holmium	165-1	16218991	16247147	16234699	16233612	0.09	cps
Holmium	165-2	11137500	11408099	11281388	11275662	1.20	cps
Indium	115-1	12307110	12343905	12290622	12313879	0.22	cps
Indium	115-2	4378965	4373944	4484193	4412367	1.41	cps
Iron	56-2	143323628	142523721	142038821	142628723	0.45	cps
Iron	57-2	3550174	3523385	3524183	3532580	0.43	cps
Iron	54-2	7740709	7683158	7643589	7689152	0.64	cps
Krypton	83-1	193	227	200	207	8.53	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:30:55	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1797319	1797300	1843985	1812868	1.49	cps
Lead	207-1	1479236	1459081	1480058	1472792	0.81	cps
Lead	208-1	7042174	6994134	7028080	7021463	0.35	cps
Lithium	6-1	1847051	1825762	1876300	1849704	1.37	cps
Magnesium	24-2	1160279	1174095	1173445	1169273	0.67	cps
Manganese	55-2	6575976	6546307	6553302	6558528	0.24	cps
Molybdenum	94-1	21506	21205	21125	21279	0.94	cps
Molybdenum	95-1	29396	29677	29941	29671	0.92	cps
Molybdenum	96-1	33445	33612	33642	33566	0.32	cps
Molybdenum	97-1	18178	18472	17631	18094	2.36	cps
Molybdenum	98-1	46919	46995	47550	47155	0.73	cps
Neodymium	150-1	6141	6045	6125	6104	0.85	cps
Neodymium	150-2	3917	3530	3510	3653	6.28	cps
Nickel	60-2	155302	153351	152907	153853	0.83	cps
Phosphorus	31-2	3000	2907	3070	2993	2.74	cps
Potassium	39-2	193099	189436	191997	191511	0.98	cps
Rhodium	103-1	11364563	11319788	11411812	11365388	0.40	cps
Rhodium	103-2	6830374	6770422	6793985	6798260	0.44	cps
Scandium	45-1	6181001	6111996	6137305	6143434	0.57	cps
Scandium	45-2	515664	516074	516882	516207	0.12	cps
Selenium	82-1	530	492	502	508	3.89	cps
Selenium	77-2	30	7	10	16	81.11	cps
Selenium	78-2	377	337	390	368	7.55	cps
Silicon	28-1	4616365	4581808	4594260	4597478	0.38	cps
Silver	107-1	9863	9673	9493	9677	1.91	cps
Silver	109-1	9020	9226	9126	9124	1.13	cps
Sodium	23-2	61499	61348	61197	61348	0.25	cps
Strontium	86-1	99309	98933	98194	98812	0.57	cps
Strontium	88-1	869685	871964	879286	873645	0.57	cps
Sulfur	34-1	161261	162160	161489	161637	0.29	cps
Terbium	159-1	16527384	16569125	16578889	16558466	0.17	cps
Terbium	159-2	11019432	11199654	11050170	11089752	0.87	cps
Thallium	203-1	6028	5885	6048	5987	1.49	cps
Thallium	205-1	13894	13987	13907	13929	0.36	cps
Tin	118-1	22908	23830	23409	23383	1.97	cps
Titanium	47-1	112242	111651	111349	111747	0.41	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LX5	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:30:55	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6975	6879	7272	7042	2.91	cps
Vanadium	51-2	54033	53591	54478	54034	0.82	cps
Yttrium	89-1	18345260	18298473	18487316	18377016	0.54	cps
Yttrium	89-2	4913406	4939799	4984125	4945777	0.72	cps
Zinc	66-2	390526	385754	389978	388752	0.67	cps
Zirconium	90-1	12265	12539	12339	12381	1.14	cps
Zirconium	91-1	2934	2770	2624	2776	5.59	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:34:08	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2007947	1961578	1944296	1971274	1.67	cps
Antimony	121-1	121619	122311	121820	121917	0.29	cps
Arsenic	75-2	132280	130134	131775	131396	0.85	cps
Barium	135-1	1821117	1852849	1837243	1837070	0.86	cps
Barium	137-1	3156571	3202670	3152554	3170599	0.88	cps
Beryllium	9-1	15651	16162	15791	15868	1.66	cps
Bismuth	209-1	10528457	10534743	9804408	10289203	4.08	cps
Bismuth	209-2	8415415	8274435	8376247	8355366	0.87	cps
Bromine	81-1	22915	24080	24464	23819	3.39	cps
Bromine	81-2	2350	2274	2350	2325	1.90	cps
Cadmium	108-1	22571	22311	23018	22633	1.58	cps
Cadmium	106-1	35243	34591	34952	34929	0.93	cps
Cadmium	111-1	337571	341609	339868	339683	0.60	cps
Calcium	43-1	2314650	2343449	2331197	2329765	0.62	cps
Calcium	44-1	37747430	38158615	37632316	37846121	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5185987	5159756	5116876	5154206	0.68	cps
Cobalt	59-2	794337	794468	795883	794896	0.11	cps
Copper	63-2	717054	719782	715231	717355	0.32	cps
Dysprosium	156-1	19641	19784	20154	19860	1.34	cps
Dysprosium	156-2	15822	16136	16066	16008	1.03	cps
Erbium	164-1	20358	20645	20482	20495	0.70	cps
Erbium	164-2	13877	13924	13890	13897	0.17	cps
Gadolinium	160-1	19046	19370	19534	19317	1.28	cps
Gadolinium	160-2	14831	15008	14835	14891	0.68	cps
Holmium	165-1	16862901	16598726	15741215	16400947	3.58	cps
Holmium	165-2	11447388	11264212	11272047	11327883	0.91	cps
Indium	115-1	12691587	12468310	11780365	12313421	3.86	cps
Indium	115-2	4377411	4373248	4351278	4367312	0.32	cps
Iron	56-2	696216736	687385003	690339483	691313741	0.65	cps
Iron	57-2	17069671	17122619	17217076	17136455	0.44	cps
Iron	54-2	37821949	37026737	37257229	37368638	1.09	cps
Krypton	83-1	223	220	220	221	0.87	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:34:08	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11175824	11293304	11490914	11320014	1.41	cps
Lead	207-1	9137839	9404996	9389318	9310718	1.61	cps
Lead	208-1	42638593	43771474	43645147	43351738	1.43	cps
Lithium	6-1	1870075	1846172	1799909	1838719	1.94	cps
Magnesium	24-2	5710690	5665977	5649971	5675546	0.55	cps
Manganese	55-2	32420926	32072694	32278770	32257463	0.54	cps
Molybdenum	94-1	110204	112800	111416	111473	1.17	cps
Molybdenum	95-1	155334	155028	157392	155918	0.82	cps
Molybdenum	96-1	176248	177796	179642	177896	0.96	cps
Molybdenum	97-1	96271	98203	98197	97557	1.14	cps
Molybdenum	98-1	247636	248120	252052	249270	0.97	cps
Neodymium	150-1	29725	29778	30550	30018	1.54	cps
Neodymium	150-2	17394	17588	17521	17501	0.56	cps
Nickel	60-2	916107	914468	911882	914152	0.23	cps
Phosphorus	31-2	14123	14307	14217	14216	0.65	cps
Potassium	39-2	755810	751398	746264	751157	0.64	cps
Rhodium	103-1	11452604	11287892	10656920	11132472	3.77	cps
Rhodium	103-2	6728297	6709278	6690136	6709237	0.28	cps
Scandium	45-1	6393439	6302334	5868867	6188213	4.53	cps
Scandium	45-2	520266	514600	513783	516216	0.68	cps
Selenium	82-1	41539	41942	42091	41857	0.68	cps
Selenium	77-2	4137	4234	4177	4183	1.16	cps
Selenium	78-2	14284	14544	13923	14250	2.19	cps
Silicon	28-1	19990853	20112748	20231283	20111628	0.60	cps
Silver	107-1	194138	197795	197282	196405	1.01	cps
Silver	109-1	186045	187773	188108	187308	0.59	cps
Sodium	23-2	202953	203590	201260	202601	0.59	cps
Strontium	86-1	479266	485110	487736	484037	0.90	cps
Strontium	88-1	4265614	4312433	4283396	4287148	0.55	cps
Sulfur	34-1	210661	208643	208215	209173	0.62	cps
Terbium	159-1	17105791	16753834	15782631	16547419	4.14	cps
Terbium	159-2	11155754	11157444	11174080	11162426	0.09	cps
Thallium	203-1	2569933	2596961	2620336	2595743	0.97	cps
Thallium	205-1	6085143	6109891	6299618	6164884	1.90	cps
Tin	118-1	106087	107783	107534	107135	0.85	cps
Titanium	47-1	550907	554217	550805	551976	0.35	cps

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LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:34:08	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35367	35337	36333	35679	1.59	cps
Vanadium	51-2	630410	627378	627182	628323	0.29	cps
Yttrium	89-1	19315376	18948515	17787992	18683961	4.27	cps
Yttrium	89-2	5044719	4940500	4941267	4975495	1.20	cps
Zinc	66-2	1968474	1961629	1935458	1955187	0.89	cps
Zirconium	90-1	61046	61608	62198	61618	0.93	cps
Zirconium	91-1	13623	13683	14150	13819	2.09	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:37:08	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892403	901717	889640	894587	0.71	cps
Antimony	121-1	60771	61300	60333	60801	0.80	cps
Arsenic	75-2	5101	5328	4901	5110	4.18	cps
Barium	135-1	284607	282402	281646	282885	0.54	cps
Barium	137-1	495848	492317	489586	492584	0.64	cps
Beryllium	9-1	933	963	1050	982	6.17	cps
Bismuth	209-1	10295634	10275675	10296321	10289210	0.11	cps
Bismuth	209-2	8343531	8437955	8353729	8378405	0.62	cps
Bromine	81-1	17594	18211	18482	18096	2.51	cps
Bromine	81-2	1150	1350	1380	1293	9.67	cps
Cadmium	108-1	707	767	730	734	4.12	cps
Cadmium	106-1	5578	5431	5544	5518	1.39	cps
Cadmium	111-1	12676	12135	12099	12303	2.63	cps
Calcium	43-1	1185073	1180438	1173626	1179713	0.49	cps
Calcium	44-1	18497099	18344418	18414430	18418649	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2490644	2512576	2456739	2486653	1.13	cps
Cobalt	59-2	56687	55221	55900	55936	1.31	cps
Copper	63-2	238867	239920	238823	239203	0.26	cps
Dysprosium	156-1	10080	9970	9780	9944	1.53	cps
Dysprosium	156-2	7986	8319	7919	8075	2.66	cps
Erbium	164-1	9750	10000	10080	9944	1.73	cps
Erbium	164-2	7099	7192	6952	7081	1.71	cps
Gadolinium	160-1	9477	9670	9550	9566	1.02	cps
Gadolinium	160-2	7395	7459	7339	7398	0.81	cps
Holmium	165-1	16365280	16289142	16206104	16286842	0.49	cps
Holmium	165-2	11295266	11372299	11300165	11322577	0.38	cps
Indium	115-1	12346079	12385328	12299956	12343788	0.35	cps
Indium	115-2	4259595	4329272	4313968	4300945	0.85	cps
Iron	56-2	338613102	341846502	339398368	339952657	0.50	cps
Iron	57-2	8478721	8480101	8413137	8457319	0.45	cps
Iron	54-2	18323511	18421436	18296796	18347248	0.36	cps
Krypton	83-1	240	150	193	194	23.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:37:08	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4544569	4540412	4535796	4540259	0.10	cps
Lead	207-1	3752025	3713848	3786697	3750856	0.97	cps
Lead	208-1	17409984	17368256	17405656	17394632	0.13	cps
Lithium	6-1	1847758	1841951	1843665	1844458	0.16	cps
Magnesium	24-2	2820021	2834778	2764612	2806470	1.32	cps
Manganese	55-2	15769051	15777191	15835648	15793963	0.23	cps
Molybdenum	94-1	51289	51835	51400	51508	0.56	cps
Molybdenum	95-1	70934	69902	70251	70362	0.75	cps
Molybdenum	96-1	82474	81921	80812	81736	1.04	cps
Molybdenum	97-1	44267	43428	44578	44091	1.35	cps
Molybdenum	98-1	114007	113503	113248	113586	0.34	cps
Neodymium	150-1	14361	14931	14801	14698	2.03	cps
Neodymium	150-2	8883	8489	8870	8747	2.55	cps
Nickel	60-2	364112	366044	365498	365218	0.27	cps
Phosphorus	31-2	6745	6695	6782	6740	0.65	cps
Potassium	39-2	389463	389644	390794	389967	0.19	cps
Rhodium	103-1	11283628	11172586	11084439	11180218	0.89	cps
Rhodium	103-2	6664100	6666082	6649362	6659848	0.14	cps
Scandium	45-1	6090204	6142630	6008292	6080375	1.11	cps
Scandium	45-2	505441	508226	503290	505652	0.49	cps
Selenium	82-1	545	622	483	550	12.61	cps
Selenium	77-2	23	50	57	43	40.71	cps
Selenium	78-2	413	383	347	381	8.76	cps
Silicon	28-1	10294597	10032317	10068819	10131911	1.40	cps
Silver	107-1	23429	23252	22965	23215	1.01	cps
Silver	109-1	22337	21720	21873	21977	1.46	cps
Sodium	23-2	110251	111970	110893	111038	0.78	cps
Strontium	86-1	241659	240676	236998	239778	1.02	cps
Strontium	88-1	2120260	2107502	2103551	2110438	0.41	cps
Sulfur	34-1	175421	173499	173065	173995	0.72	cps
Terbium	159-1	16550085	16430269	16471372	16483909	0.37	cps
Terbium	159-2	11098390	10917830	11039487	11018569	0.84	cps
Thallium	203-1	9557	9657	9377	9530	1.49	cps
Thallium	205-1	22462	21287	21767	21839	2.71	cps
Tin	118-1	54309	53305	54121	53912	0.99	cps
Titanium	47-1	267416	268573	268927	268305	0.29	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-18DLX2	Instrumnet Name :	P7
Client Sample ID :	ME2903	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:37:08	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17809	17849	17418	17692	1.34	cps
Vanadium	51-2	128340	127684	126872	127632	0.58	cps
Yttrium	89-1	18472252	18332463	18303396	18369370	0.49	cps
Yttrium	89-2	4876222	4893844	4868364	4879477	0.27	cps
Zinc	66-2	920923	925864	920426	922404	0.33	cps
Zirconium	90-1	30826	31123	30104	30684	1.71	cps
Zirconium	91-1	6792	6742	6548	6694	1.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:40:17	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917814	913393	914734	915314	0.25	cps
Antimony	121-1	61343	63332	61661	62112	1.72	cps
Arsenic	75-2	5348	5318	5094	5253	2.64	cps
Barium	135-1	284893	291993	289214	288700	1.24	cps
Barium	137-1	493711	507634	502755	501367	1.41	cps
Beryllium	9-1	917	920	993	943	4.59	cps
Bismuth	209-1	11298335	10534889	10433222	10755482	4.40	cps
Bismuth	209-2	8261844	8242114	8267255	8257071	0.16	cps
Bromine	81-1	16356	17380	17587	17108	3.85	cps
Bromine	81-2	1247	1420	1247	1305	7.67	cps
Cadmium	108-1	710	720	747	726	2.61	cps
Cadmium	106-1	5945	5788	5511	5748	3.82	cps
Cadmium	111-1	12670	12824	12518	12671	1.21	cps
Calcium	43-1	1179667	1174080	1217265	1190337	1.97	cps
Calcium	44-1	18420373	18840107	18883292	18714591	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2538459	2544755	2493187	2525467	1.11	cps
Cobalt	59-2	57710	57938	58263	57970	0.48	cps
Copper	63-2	244902	244252	242240	243798	0.57	cps
Dysprosium	156-1	9877	9884	9897	9886	0.10	cps
Dysprosium	156-2	8026	7836	8132	7998	1.88	cps
Erbium	164-1	9997	10601	10371	10323	2.95	cps
Erbium	164-2	7142	7309	7129	7193	1.39	cps
Gadolinium	160-1	9770	10024	10100	9965	1.73	cps
Gadolinium	160-2	7739	7605	7829	7724	1.46	cps
Holmium	165-1	17817290	16497253	16347246	16887263	4.79	cps
Holmium	165-2	11311927	11222617	11318675	11284406	0.48	cps
Indium	115-1	13505010	12514001	12516628	12845213	4.45	cps
Indium	115-2	4376491	4356049	4327161	4353234	0.57	cps
Iron	56-2	350458941	348422501	349752541	349544661	0.30	cps
Iron	57-2	8756266	8721611	8614887	8697588	0.85	cps
Iron	54-2	18933917	18820626	18758496	18837679	0.47	cps
Krypton	83-1	170	223	190	194	13.86	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:40:17	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4584425	4674499	4637400	4632108	0.98	cps
Lead	207-1	3781639	3870964	3840216	3830940	1.18	cps
Lead	208-1	17637542	18023198	17905991	17855577	1.11	cps
Lithium	6-1	2053038	1871071	1839562	1921224	6.00	cps
Magnesium	24-2	2906349	2883954	2877864	2889389	0.52	cps
Manganese	55-2	16280086	16112486	16120781	16171118	0.58	cps
Molybdenum	94-1	52092	53671	53240	53001	1.54	cps
Molybdenum	95-1	71259	72934	72401	72198	1.19	cps
Molybdenum	96-1	81181	84573	85102	83619	2.54	cps
Molybdenum	97-1	45247	45745	46390	45794	1.25	cps
Molybdenum	98-1	115046	118690	119117	117618	1.90	cps
Neodymium	150-1	15208	15378	15405	15331	0.70	cps
Neodymium	150-2	9203	8883	8933	9006	1.91	cps
Nickel	60-2	375720	373062	375916	374899	0.43	cps
Phosphorus	31-2	7222	7112	7158	7164	0.77	cps
Potassium	39-2	400939	396661	397556	398385	0.57	cps
Rhodium	103-1	12220180	11374652	11330192	11641675	4.31	cps
Rhodium	103-2	6783406	6691522	6678416	6717781	0.85	cps
Scandium	45-1	6724071	6048288	6068244	6280201	6.12	cps
Scandium	45-2	505938	503174	501409	503507	0.45	cps
Selenium	82-1	677	545	584	602	11.29	cps
Selenium	77-2	60	30	20	37	56.77	cps
Selenium	78-2	397	317	420	378	14.35	cps
Silicon	28-1	9993867	10305263	10233630	10177586	1.60	cps
Silver	107-1	23279	23773	23906	23653	1.40	cps
Silver	109-1	21252	22591	22765	22203	3.73	cps
Sodium	23-2	113628	114333	111701	113221	1.20	cps
Strontium	86-1	239595	246836	247619	244683	1.81	cps
Strontium	88-1	2134019	2202675	2155973	2164222	1.62	cps
Sulfur	34-1	173735	174005	173984	173908	0.09	cps
Terbium	159-1	18174708	16757984	16683702	17205465	4.88	cps
Terbium	159-2	11097432	11006664	10885308	10996468	0.97	cps
Thallium	203-1	9123	8880	9253	9085	2.09	cps
Thallium	205-1	21714	21467	23058	22080	3.88	cps
Tin	118-1	54141	56286	55710	55379	2.00	cps
Titanium	47-1	271238	276721	275657	274539	1.06	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-19DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9D	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:40:17	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18149	18313	18336	18266	0.56	cps
Vanadium	51-2	133192	131712	130905	131936	0.88	cps
Yttrium	89-1	20275498	18625606	18591013	19164039	5.02	cps
Yttrium	89-2	4910814	4832875	4853871	4865854	0.83	cps
Zinc	66-2	950216	939700	936972	942296	0.74	cps
Zirconium	90-1	30081	31601	30782	30821	2.47	cps
Zirconium	91-1	6705	6728	7082	6838	3.09	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LDLX10	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:43:24	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180363	180343	181324	180676	0.31	cps
Antimony	121-1	11755	11868	11778	11800	0.51	cps
Arsenic	75-2	1100	1033	1070	1068	3.13	cps
Barium	135-1	56569	56137	55384	56030	1.07	cps
Barium	137-1	96702	97206	97716	97208	0.52	cps
Beryllium	9-1	230	270	223	241	10.47	cps
Bismuth	209-1	10202750	10097067	10104351	10134722	0.58	cps
Bismuth	209-2	8291313	8223383	8240990	8251895	0.43	cps
Bromine	81-1	13006	13059	13199	13088	0.76	cps
Bromine	81-2	407	340	383	377	8.98	cps
Cadmium	108-1	177	203	150	177	15.10	cps
Cadmium	106-1	4724	4471	4511	4569	2.98	cps
Cadmium	111-1	5077	4577	4853	4836	5.17	cps
Calcium	43-1	231503	234288	236816	234202	1.13	cps
Calcium	44-1	3646444	3682808	3663234	3664162	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493044	490251	489049	490782	0.42	cps
Cobalt	59-2	11608	11438	11404	11483	0.95	cps
Copper	63-2	49612	48987	49341	49313	0.64	cps
Dysprosium	156-1	1830	2004	1820	1885	5.47	cps
Dysprosium	156-2	1617	1480	1747	1615	8.26	cps
Erbium	164-1	2094	2174	2050	2106	2.97	cps
Erbium	164-2	1433	1427	1500	1453	2.79	cps
Gadolinium	160-1	1950	2014	1933	1966	2.15	cps
Gadolinium	160-2	2010	2024	1857	1963	4.72	cps
Holmium	165-1	16078154	15952052	15876105	15968770	0.64	cps
Holmium	165-2	11168116	11069217	11078996	11105443	0.49	cps
Indium	115-1	12222914	12260221	12064024	12182386	0.86	cps
Indium	115-2	4302108	4265173	4336309	4301197	0.83	cps
Iron	56-2	68793887	68063254	68376746	68411296	0.54	cps
Iron	57-2	1704622	1704698	1712776	1707365	0.27	cps
Iron	54-2	3722545	3716718	3689183	3709482	0.48	cps
Krypton	83-1	240	257	193	230	14.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LDLX10	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:43:24	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	878504	889187	875661	881117	0.81	cps
Lead	207-1	718749	720260	715746	718252	0.32	cps
Lead	208-1	3356916	3378949	3337733	3357866	0.61	cps
Lithium	6-1	1812359	1807066	1800991	1806805	0.31	cps
Magnesium	24-2	544283	542723	545530	544178	0.26	cps
Manganese	55-2	3176701	3144447	3190088	3170412	0.74	cps
Molybdenum	94-1	10147	10290	10117	10185	0.91	cps
Molybdenum	95-1	14374	14120	13803	14099	2.03	cps
Molybdenum	96-1	16142	16096	15979	16072	0.52	cps
Molybdenum	97-1	8829	8833	8569	8744	1.73	cps
Molybdenum	98-1	23015	22411	22591	22672	1.37	cps
Neodymium	150-1	3060	3060	3000	3040	1.14	cps
Neodymium	150-2	1737	1673	1853	1755	5.20	cps
Nickel	60-2	73697	74922	73552	74057	1.02	cps
Phosphorus	31-2	1597	1440	1413	1483	6.68	cps
Potassium	39-2	113425	114056	113374	113619	0.33	cps
Rhodium	103-1	11143496	11185359	11206957	11178604	0.29	cps
Rhodium	103-2	6636519	6724227	6698312	6686353	0.67	cps
Scandium	45-1	5966152	5945327	5981161	5964213	0.30	cps
Scandium	45-2	502605	501321	501053	501659	0.17	cps
Selenium	82-1	411	404	450	421	5.90	cps
Selenium	77-2	20	13	3	12	68.66	cps
Selenium	78-2	367	413	323	368	12.24	cps
Silicon	28-1	2512095	2555558	2561424	2543026	1.06	cps
Silver	107-1	4441	4694	4344	4493	4.02	cps
Silver	109-1	4194	4134	4421	4250	3.56	cps
Sodium	23-2	38946	38849	39434	39076	0.80	cps
Strontium	86-1	47771	48179	47523	47824	0.69	cps
Strontium	88-1	416838	417833	418711	417794	0.22	cps
Sulfur	34-1	148671	151172	150749	150197	0.89	cps
Terbium	159-1	16278607	16294661	16256638	16276636	0.12	cps
Terbium	159-2	10941865	10886078	10845125	10891023	0.45	cps
Thallium	203-1	1810	1930	1810	1850	3.75	cps
Thallium	205-1	4501	4631	4557	4563	1.43	cps
Tin	118-1	11645	12012	11728	11795	1.63	cps
Titanium	47-1	53638	53685	53711	53678	0.07	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-04LDLX10	Instrumnet Name :	P7
Client Sample ID :	ME28Y9L	Dilution Factor :	10
Date & Time Acquired :	2024-12-26 20:43:24	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3464	3601	3537	3534	1.94	cps
Vanadium	51-2	25722	25552	26086	25787	1.06	cps
Yttrium	89-1	17788334	17976541	17969808	17911561	0.60	cps
Yttrium	89-2	4771677	4762727	4826451	4786952	0.72	cps
Zinc	66-2	186796	188982	186731	187503	0.68	cps
Zirconium	90-1	5805	6031	6161	5999	3.01	cps
Zirconium	91-1	1373	1300	1270	1315	4.04	cps

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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:46:38	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	964325	966153	961044	963841	0.27	cps
Antimony	121-1	61236	61310	61926	61491	0.62	cps
Arsenic	75-2	66893	66860	66143	66632	0.64	cps
Barium	135-1	918498	923348	913429	918425	0.54	cps
Barium	137-1	1591871	1600054	1598490	1596805	0.27	cps
Beryllium	9-1	7972	8366	8432	8257	3.01	cps
Bismuth	209-1	10470600	10150741	10278693	10300011	1.56	cps
Bismuth	209-2	8320825	8368672	8303759	8331085	0.40	cps
Bromine	81-1	16880	17173	17307	17120	1.28	cps
Bromine	81-2	1240	1237	1177	1218	2.93	cps
Cadmium	108-1	11742	11345	11241	11442	2.31	cps
Cadmium	106-1	20368	20298	20074	20246	0.76	cps
Cadmium	111-1	178321	177808	174574	176901	1.15	cps
Calcium	43-1	1204511	1158224	1203314	1188683	2.22	cps
Calcium	44-1	18788641	18978888	18855993	18874507	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2617741	2601682	2601318	2606914	0.36	cps
Cobalt	59-2	407522	406780	405035	406446	0.31	cps
Copper	63-2	368304	367432	364742	366826	0.51	cps
Dysprosium	156-1	9517	10054	10017	9862	3.04	cps
Dysprosium	156-2	7889	8146	8276	8104	2.43	cps
Erbium	164-1	10017	10357	10364	10246	1.94	cps
Erbium	164-2	7152	7012	7095	7086	0.99	cps
Gadolinium	160-1	9617	9870	9927	9805	1.68	cps
Gadolinium	160-2	7409	7932	7552	7631	3.55	cps
Holmium	165-1	16250902	16491439	16353785	16365375	0.74	cps
Holmium	165-2	11256702	11275383	11339377	11290487	0.38	cps
Indium	115-1	12350064	12282305	12253343	12295237	0.40	cps
Indium	115-2	4336544	4341311	4300308	4326055	0.52	cps
Iron	56-2	348460848	350300568	346697902	348486439	0.52	cps
Iron	57-2	8668417	8749596	8624348	8680787	0.73	cps
Iron	54-2	18867725	18967523	18831473	18888907	0.37	cps
Krypton	83-1	187	187	270	214	22.44	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:46:38	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5774513	5673473	5711094	5719694	0.89	cps
Lead	207-1	4738859	4666262	4691301	4698807	0.78	cps
Lead	208-1	22014208	21716177	21822453	21850946	0.69	cps
Lithium	6-1	1888535	1860518	1841533	1863529	1.27	cps
Magnesium	24-2	2894026	2897149	2836652	2875942	1.18	cps
Manganese	55-2	16323932	16471088	16102704	16299241	1.14	cps
Molybdenum	94-1	55528	56341	56063	55978	0.74	cps
Molybdenum	95-1	78391	78324	77316	78011	0.77	cps
Molybdenum	96-1	89670	89710	89800	89726	0.07	cps
Molybdenum	97-1	49012	48781	49052	48948	0.30	cps
Molybdenum	98-1	125339	128024	125511	126291	1.19	cps
Neodymium	150-1	15609	15365	14985	15320	2.05	cps
Neodymium	150-2	8970	8960	8653	8861	2.03	cps
Nickel	60-2	461613	464814	464435	463621	0.38	cps
Phosphorus	31-2	6735	7125	7042	6967	2.95	cps
Potassium	39-2	401312	401173	398324	400269	0.42	cps
Rhodium	103-1	11201834	11253363	11173077	11209424	0.36	cps
Rhodium	103-2	6783529	6720507	6628133	6710723	1.16	cps
Scandium	45-1	6120082	6106334	6034541	6086986	0.75	cps
Scandium	45-2	508681	510010	501654	506781	0.89	cps
Selenium	82-1	21378	21487	21289	21385	0.46	cps
Selenium	77-2	2190	2140	1940	2090	6.33	cps
Selenium	78-2	7459	7405	7305	7390	1.05	cps
Silicon	28-1	10054808	10331367	10088618	10158264	1.49	cps
Silver	107-1	100062	101052	101706	100940	0.82	cps
Silver	109-1	95720	96391	95720	95944	0.40	cps
Sodium	23-2	113608	112863	111842	112771	0.79	cps
Strontium	86-1	244465	246159	243410	244678	0.57	cps
Strontium	88-1	2178536	2149338	2138048	2155307	0.97	cps
Sulfur	34-1	176108	176860	174841	175936	0.58	cps
Terbium	159-1	16705596	16456670	16668605	16610290	0.81	cps
Terbium	159-2	10994853	11119702	11030004	11048186	0.58	cps
Thallium	203-1	1288525	1300501	1296128	1295051	0.47	cps
Thallium	205-1	3198445	3178601	3176003	3184350	0.39	cps
Tin	118-1	54566	55058	54435	54687	0.60	cps
Titanium	47-1	271868	275794	275767	274476	0.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5266-20DLX2	Instrumnet Name :	P7
Client Sample ID :	ME28Y9S	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 20:46:38	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17949	18319	18376	18215	1.27	cps
Vanadium	51-2	318310	318915	316866	318030	0.33	cps
Yttrium	89-1	18487120	18384792	18186299	18352737	0.83	cps
Yttrium	89-2	4885954	4871282	4859039	4872092	0.28	cps
Zinc	66-2	981569	988284	982668	984174	0.37	cps
Zirconium	90-1	30381	30555	30675	30537	0.48	cps
Zirconium	91-1	7299	6632	6978	6969	4.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:49:43	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	807204	813964	816998	812722	0.62	cps
Antimony	121-1	1349791	1353906	1359241	1354313	0.35	cps
Arsenic	75-2	284401	288066	287696	286721	0.70	cps
Barium	135-1	197666	197415	198348	197810	0.24	cps
Barium	137-1	344310	345572	341664	343849	0.58	cps
Beryllium	9-1	250	290	243	261	9.67	cps
Bismuth	209-1	10414658	10306747	10275384	10332263	0.71	cps
Bismuth	209-2	8442970	8380576	8383781	8402443	0.42	cps
Bromine	81-1	17737	18128	18592	18152	2.36	cps
Bromine	81-2	1393	1407	1330	1377	2.98	cps
Cadmium	108-1	273	273	253	267	4.33	cps
Cadmium	106-1	4918	4961	4818	4899	1.50	cps
Cadmium	111-1	4948	5111	5042	5034	1.63	cps
Calcium	43-1	107558	107541	106883	107327	0.36	cps
Calcium	44-1	1686667	1664577	1658012	1669752	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40106	40872	40859	40612	1.08	cps
Cobalt	59-2	292955	298994	295630	295860	1.02	cps
Copper	63-2	1160702	1176686	1177355	1171581	0.80	cps
Dysprosium	156-1	6615	6692	6592	6633	0.79	cps
Dysprosium	156-2	5264	5508	5528	5433	2.70	cps
Erbium	164-1	7002	7279	7189	7156	1.97	cps
Erbium	164-2	4891	4891	4828	4870	0.75	cps
Gadolinium	160-1	6842	6748	6518	6703	2.48	cps
Gadolinium	160-2	5378	5678	5424	5493	2.94	cps
Holmium	165-1	16277724	16132807	16068927	16159819	0.66	cps
Holmium	165-2	11397634	11307123	11262878	11322545	0.61	cps
Indium	115-1	12623348	12501713	12497670	12540911	0.57	cps
Indium	115-2	4437660	4491541	4469824	4466341	0.61	cps
Iron	56-2	97457139	98721989	98397615	98192247	0.67	cps
Iron	57-2	2418540	2468529	2454130	2447066	1.05	cps
Iron	54-2	5260427	5290306	5346791	5299175	0.83	cps
Krypton	83-1	230	203	243	226	9.03	cps

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On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:49:43	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4216758	4229730	4252875	4233121	0.43	cps
Lead	207-1	3691600	3695168	3667506	3684758	0.41	cps
Lead	208-1	16862407	16812708	16686387	16787167	0.54	cps
Lithium	6-1	1850961	1833669	1836722	1840451	0.50	cps
Magnesium	24-2	748729	748710	752350	749930	0.28	cps
Manganese	55-2	654004	655625	659739	656456	0.45	cps
Molybdenum	94-1	33328	33014	32957	33100	0.60	cps
Molybdenum	95-1	40071	39366	40392	39943	1.31	cps
Molybdenum	96-1	45892	45778	46521	46063	0.87	cps
Molybdenum	97-1	25639	25299	25292	25410	0.78	cps
Molybdenum	98-1	64853	65734	65663	65417	0.75	cps
Neodymium	150-1	9783	10324	10194	10100	2.79	cps
Neodymium	150-2	5758	5885	5908	5850	1.38	cps
Nickel	60-2	19289	19399	19523	19404	0.60	cps
Phosphorus	31-2	3911	3484	3911	3768	6.54	cps
Potassium	39-2	534869	542583	539528	538993	0.72	cps
Rhodium	103-1	11416602	11295769	11253451	11321941	0.75	cps
Rhodium	103-2	6748158	6796003	6859200	6801120	0.82	cps
Scandium	45-1	6042738	6059345	6080871	6060985	0.32	cps
Scandium	45-2	514205	519335	521780	518440	0.75	cps
Selenium	82-1	507	497	488	497	1.96	cps
Selenium	77-2	30	17	23	23	28.56	cps
Selenium	78-2	403	373	413	397	5.25	cps
Silicon	28-1	8021304	8071619	8103096	8065340	0.51	cps
Silver	107-1	10077	10220	9663	9987	2.90	cps
Silver	109-1	9383	9110	9093	9195	1.77	cps
Sodium	23-2	1486975	1514773	1502306	1501351	0.93	cps
Strontium	86-1	118583	117918	116738	117746	0.79	cps
Strontium	88-1	1032902	1035720	1041580	1036734	0.43	cps
Sulfur	34-1	160776	161870	161398	161348	0.34	cps
Terbium	159-1	16567585	16433781	16399888	16467084	0.54	cps
Terbium	159-2	11049907	11013781	11109187	11057625	0.44	cps
Thallium	203-1	2280	2514	2234	2342	6.41	cps
Thallium	205-1	5645	5748	5731	5708	0.97	cps
Tin	118-1	512290	509954	511933	511392	0.25	cps
Titanium	47-1	199567	199909	201902	200459	0.63	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MJNKC5	Dilution Factor :	5
Date & Time Acquired :	2024-12-26 20:49:43	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20022	20172	19781	19992	0.99	cps
Vanadium	51-2	42620	44211	43683	43505	1.86	cps
Yttrium	89-1	18252762	18201965	18316960	18257229	0.32	cps
Yttrium	89-2	4864174	4910423	4914531	4896376	0.57	cps
Zinc	66-2	1483249	1496526	1495121	1491632	0.49	cps
Zirconium	90-1	27519	27566	28518	27868	2.02	cps
Zirconium	91-1	6635	6812	6461	6636	2.64	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:52:54	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11838467	11866344	11838277	11847696	0.14	cps
Antimony	121-1	5712938	5800557	5876099	5796532	1.41	cps
Arsenic	75-2	279164	278678	277570	278471	0.29	cps
Barium	135-1	7409227	7635080	7621299	7555202	1.68	cps
Barium	137-1	12706211	13119484	13063214	12962970	1.73	cps
Beryllium	9-1	662621	677175	684399	674732	1.64	cps
Bismuth	209-1	9472540	9267022	9485776	9408446	1.30	cps
Bismuth	209-2	7507055	7499042	7598711	7534936	0.73	cps
Bromine	81-1	12349	11735	12362	12148	2.95	cps
Bromine	81-2	190	173	153	172	10.66	cps
Cadmium	108-1	104000	107303	108096	106466	2.04	cps
Cadmium	106-1	152131	155314	156526	154657	1.47	cps
Cadmium	111-1	1414655	1450322	1450375	1438451	1.43	cps
Calcium	43-1	6860132	6999049	7010436	6956539	1.20	cps
Calcium	44-1	110683855	113942705	113608015	112744858	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2085317	2047295	2090872	2074495	1.14	cps
Cobalt	59-2	3271634	3245140	3268491	3261755	0.44	cps
Copper	63-2	23220720	23276146	23164250	23220372	0.24	cps
Dysprosium	156-1	273	333	270	292	12.20	cps
Dysprosium	156-2	457	517	500	491	6.31	cps
Erbium	164-1	363	340	357	353	3.40	cps
Erbium	164-2	263	227	190	227	16.18	cps
Gadolinium	160-1	377	310	373	353	10.63	cps
Gadolinium	160-2	760	793	717	757	5.08	cps
Holmium	165-1	16065686	15758200	16018505	15947464	1.04	cps
Holmium	165-2	11241203	11055472	11168859	11155178	0.84	cps
Indium	115-1	11822830	11517384	11500198	11613471	1.56	cps
Indium	115-2	4117355	4072138	4052249	4080581	0.82	cps
Iron	56-2	487271139	487365353	490411593	488349362	0.37	cps
Iron	57-2	12189518	12079941	12180302	12149920	0.50	cps
Iron	54-2	26410178	26333534	26343755	26362489	0.16	cps
Krypton	83-1	167	177	217	187	14.17	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:52:54	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23730112	24502504	24649709	24294108	2.03	cps
Lead	207-1	20656872	21286135	21545252	21162753	2.16	cps
Lead	208-1	94416327	97085484	98285565	96595792	2.05	cps
Lithium	6-1	1842551	1757664	1790074	1796763	2.38	cps
Magnesium	24-2	92906109	92410642	92165309	92494020	0.41	cps
Manganese	55-2	16815187	16686264	16795764	16765738	0.41	cps
Molybdenum	94-1	19761605	20099839	20082486	19981310	0.95	cps
Molybdenum	95-1	28189650	29026116	28910747	28708838	1.58	cps
Molybdenum	96-1	31213423	31742370	31824019	31593270	1.05	cps
Molybdenum	97-1	17525964	18091817	18135653	17917812	1.90	cps
Molybdenum	98-1	45201879	46519033	46841963	46187625	1.88	cps
Neodymium	150-1	523	497	487	502	3.77	cps
Neodymium	150-2	140	163	163	156	8.66	cps
Nickel	60-2	799830	797594	803928	800451	0.40	cps
Phosphorus	31-2	107447	108339	107729	107838	0.42	cps
Potassium	39-2	58334476	58569791	58302974	58402414	0.25	cps
Rhodium	103-1	10396097	10170310	10284370	10283592	1.10	cps
Rhodium	103-2	6177296	6084939	6128556	6130264	0.75	cps
Scandium	45-1	6095095	5943071	5993746	6010637	1.29	cps
Scandium	45-2	515604	512904	515888	514799	0.32	cps
Selenium	82-1	79789	83209	82674	81891	2.25	cps
Selenium	77-2	8292	8606	8686	8528	2.44	cps
Selenium	78-2	29336	29102	28952	29130	0.66	cps
Silicon	28-1	6988461	7167497	7142952	7099637	1.37	cps
Silver	107-1	7009441	6995475	6966161	6990359	0.32	cps
Silver	109-1	6652135	6759042	6760409	6723862	0.92	cps
Sodium	23-2	149927131	151194678	152041754	151054521	0.70	cps
Strontium	86-1	1751096	1812259	1774365	1779240	1.74	cps
Strontium	88-1	15183371	15690127	15816141	15563213	2.15	cps
Sulfur	34-1	524800	535977	538827	533201	1.39	cps
Terbium	159-1	16533768	15965256	16271040	16256688	1.75	cps
Terbium	159-2	10815702	10826199	10960642	10867514	0.74	cps
Thallium	203-1	5874626	5998669	6139849	6004381	2.21	cps
Thallium	205-1	14153154	14461444	14425212	14346603	1.17	cps
Tin	118-1	4696399	4854147	4865523	4805356	1.97	cps
Titanium	47-1	6378292	6516572	6516798	6470554	1.23	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:52:54	DataFile Name :	135CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18914732	19507366	19698647	19373582	2.11	cps
Vanadium	51-2	1843719	1826158	1827910	1832596	0.53	cps
Yttrium	89-1	17960679	17660804	17907502	17842995	0.90	cps
Yttrium	89-2	4812041	4767177	4730971	4770063	0.85	cps
Zinc	66-2	3900525	3926348	3946856	3924576	0.59	cps
Zirconium	90-1	9407915	9714807	9771746	9631489	2.03	cps
Zirconium	91-1	2124159	2147439	2165374	2145657	0.96	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:55:35	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	970	837	850	886	8.29	cps
Antimony	121-1	3224	2850	2610	2895	10.68	cps
Arsenic	75-2	40	63	27	43	42.82	cps
Barium	135-1	1090	930	770	930	17.20	cps
Barium	137-1	1950	1617	1210	1592	23.28	cps
Beryllium	9-1	227	233	203	221	7.12	cps
Bismuth	209-1	10535950	10364230	10284187	10394789	1.24	cps
Bismuth	209-2	8583347	8546864	8560454	8563555	0.22	cps
Bromine	81-1	12472	12659	12972	12701	1.99	cps
Bromine	81-2	260	270	280	270	3.70	cps
Cadmium	108-1	43	27	13	28	54.11	cps
Cadmium	106-1	4504	4587	4261	4451	3.81	cps
Cadmium	111-1	3353	3416	3160	3309	4.03	cps
Calcium	43-1	1220	970	977	1056	13.50	cps
Calcium	44-1	25903	22928	20721	23184	11.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1350	1420	1313	1361	3.98	cps
Cobalt	59-2	353	347	333	344	2.96	cps
Copper	63-2	3057	3024	2904	2995	2.69	cps
Dysprosium	156-1	10	17	10	12	31.50	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	103	77	93	91	14.78	cps
Erbium	164-2	57	90	30	59	51.05	cps
Gadolinium	160-1	60	47	60	56	13.85	cps
Gadolinium	160-2	527	557	647	577	10.83	cps
Holmium	165-1	16439989	16157531	16386078	16327866	0.92	cps
Holmium	165-2	11561461	11491996	11602828	11552095	0.48	cps
Indium	115-1	12759259	12638432	12488485	12628725	1.07	cps
Indium	115-2	4522513	4414498	4543620	4493544	1.54	cps
Iron	56-2	54498	51090	47859	51149	6.49	cps
Iron	57-2	1777	1677	1480	1645	9.18	cps
Iron	54-2	4267	3944	4094	4102	3.95	cps
Krypton	83-1	173	210	220	201	12.22	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:55:35	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4241	3757	3224	3741	13.60	cps
Lead	207-1	3741	3214	2977	3310	11.81	cps
Lead	208-1	17004	14567	12859	14810	14.07	cps
Lithium	6-1	1918867	1890239	1909845	1906317	0.77	cps
Magnesium	24-2	7048	6445	5774	6423	9.92	cps
Manganese	55-2	1937	1840	1753	1843	4.98	cps
Molybdenum	94-1	3904	3350	3160	3472	11.13	cps
Molybdenum	95-1	4978	3814	3610	4134	17.84	cps
Molybdenum	96-1	5168	4631	4021	4606	12.46	cps
Molybdenum	97-1	3127	2540	2294	2654	16.13	cps
Molybdenum	98-1	8166	6031	5781	6659	19.68	cps
Neodymium	150-1	7	17	3	9	78.08	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	393	347	333	358	8.81	cps
Phosphorus	31-2	147	147	157	150	3.85	cps
Potassium	39-2	54333	53393	51547	53091	2.67	cps
Rhodium	103-1	11515608	11327982	11453043	11432211	0.84	cps
Rhodium	103-2	6937328	6937977	6994103	6956469	0.47	cps
Scandium	45-1	6299741	6255359	6284228	6279776	0.36	cps
Scandium	45-2	531752	532328	534193	532758	0.24	cps
Selenium	82-1	511	441	475	475	7.36	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	330	343	370	348	5.86	cps
Silicon	28-1	512279	510239	520918	514479	1.10	cps
Silver	107-1	1747	1370	1333	1483	15.42	cps
Silver	109-1	1690	1363	1203	1419	17.48	cps
Sodium	23-2	37074	35608	34465	35716	3.66	cps
Strontium	86-1	630	563	463	552	15.19	cps
Strontium	88-1	2714	2094	1900	2236	19.01	cps
Sulfur	34-1	164865	166185	166930	165994	0.63	cps
Terbium	159-1	16995926	16582701	16412919	16663849	1.80	cps
Terbium	159-2	11312711	11390579	11330042	11344444	0.36	cps
Thallium	203-1	1837	1837	1527	1733	10.33	cps
Thallium	205-1	4744	4274	3721	4246	12.07	cps
Tin	118-1	2497	2140	2040	2226	10.79	cps
Titanium	47-1	1090	767	687	848	25.19	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:55:35	DataFile Name :	136CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2840	2097	1680	2206	26.64	cps
Vanadium	51-2	133	113	103	117	13.10	cps
Yttrium	89-1	18624708	18297707	18512013	18478143	0.90	cps
Yttrium	89-2	5039242	5005871	5006067	5017060	0.38	cps
Zinc	66-2	717	780	710	736	5.25	cps
Zirconium	90-1	3450	3024	3117	3197	7.02	cps
Zirconium	91-1	717	723	740	727	1.65	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:58:54	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8672814	8622958	8614447	8636740	0.37	cps
Antimony	121-1	351968	353953	353502	353141	0.29	cps
Arsenic	75-2	139333	140370	141214	140306	0.67	cps
Barium	135-1	438535	439968	435483	437995	0.52	cps
Barium	137-1	764305	761373	759213	761631	0.34	cps
Beryllium	9-1	1387	1240	1280	1302	5.82	cps
Bismuth	209-1	12436398	12232731	12142824	12270651	1.23	cps
Bismuth	209-2	9431415	9492374	9381800	9435196	0.59	cps
Bromine	81-1	143018	155279	164059	154119	6.86	cps
Bromine	81-2	28508	28761	28928	28732	0.74	cps
Cadmium	108-1	1107	967	990	1021	7.35	cps
Cadmium	106-1	7625	7592	7359	7525	1.93	cps
Cadmium	111-1	13789	14064	14271	14042	1.72	cps
Calcium	43-1	811974	819705	813843	815174	0.49	cps
Calcium	44-1	12582418	12855131	12602829	12680126	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	615762	611510	611488	612920	0.40	cps
Cobalt	59-2	283280	280583	277441	280435	1.04	cps
Copper	63-2	10993603	11026029	10976388	10998673	0.23	cps
Dysprosium	156-1	146370	147077	144538	145995	0.90	cps
Dysprosium	156-2	112717	113080	112392	112730	0.31	cps
Erbium	164-1	136081	135136	131192	134136	1.93	cps
Erbium	164-2	90530	89672	88544	89582	1.11	cps
Gadolinium	160-1	146496	148588	146634	147239	0.79	cps
Gadolinium	160-2	104559	104969	103284	104271	0.84	cps
Holmium	165-1	20149495	19673340	19586679	19803172	1.53	cps
Holmium	165-2	13543556	13395951	13053504	13331004	1.89	cps
Indium	115-1	15263502	15332239	15026966	15207569	1.05	cps
Indium	115-2	5355041	5215709	5199679	5256809	1.63	cps
Iron	56-2	286904762	286543002	283193709	285547158	0.72	cps
Iron	57-2	7136934	7101037	7055833	7097935	0.57	cps
Iron	54-2	15382138	15310454	15327615	15340069	0.24	cps
Krypton	83-1	497	467	483	482	3.12	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:58:54	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2999347	2964442	2889554	2951114	1.90	cps
Lead	207-1	2681805	2628009	2577410	2629075	1.99	cps
Lead	208-1	12041936	11837635	11643863	11841144	1.68	cps
Lithium	6-1	2322860	2274957	2292035	2296617	1.06	cps
Magnesium	24-2	9492268	9402465	9440736	9445156	0.48	cps
Manganese	55-2	2483811	2467158	2443555	2464841	0.82	cps
Molybdenum	94-1	184587	187504	184727	185606	0.89	cps
Molybdenum	95-1	101351	101814	101791	101652	0.26	cps
Molybdenum	96-1	133600	133967	133241	133602	0.27	cps
Molybdenum	97-1	64153	65017	63417	64196	1.25	cps
Molybdenum	98-1	164562	166692	163575	164943	0.97	cps
Neodymium	150-1	232236	232852	230390	231826	0.55	cps
Neodymium	150-2	131920	131614	131843	131792	0.12	cps
Nickel	60-2	202045	202004	200424	201491	0.46	cps
Phosphorus	31-2	61108	60466	60241	60605	0.74	cps
Potassium	39-2	3559213	3540870	3508329	3536137	0.73	cps
Rhodium	103-1	14013244	13792317	13702031	13835864	1.16	cps
Rhodium	103-2	8309189	8233763	8147880	8230277	0.98	cps
Scandium	45-1	7998140	8032601	8046362	8025701	0.31	cps
Scandium	45-2	681663	673786	668325	674591	0.99	cps
Selenium	82-1	1095	1272	1175	1180	7.51	cps
Selenium	77-2	487	513	427	476	9.33	cps
Selenium	78-2	907	713	763	794	12.63	cps
Silicon	28-1	61588379	61256326	60727559	61190755	0.71	cps
Silver	107-1	64168	63749	62400	63439	1.46	cps
Silver	109-1	60439	59813	59347	59866	0.91	cps
Sodium	23-2	25834027	25573819	25474385	25627410	0.72	cps
Strontium	86-1	765853	774537	767642	769344	0.60	cps
Strontium	88-1	6775842	6959696	6786628	6840722	1.51	cps
Sulfur	34-1	1044427	1057159	1039924	1047170	0.85	cps
Terbium	159-1	20428118	20414110	20133882	20325370	0.82	cps
Terbium	159-2	13234123	13047874	13120147	13134048	0.71	cps
Thallium	203-1	23991	23036	22856	23294	2.62	cps
Thallium	205-1	56376	55329	53987	55230	2.17	cps
Tin	118-1	199428	199144	197308	198627	0.58	cps
Titanium	47-1	3815499	3840052	3828718	3828090	0.32	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5255-02A	Instrumnet Name :	P7
Client Sample ID :	MJNL72A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 20:58:54	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	545593	544835	531981	540803	1.41	cps
Vanadium	51-2	570988	569854	570050	570298	0.11	cps
Yttrium	89-1	24822273	24798275	24560136	24726895	0.59	cps
Yttrium	89-2	6570553	6529896	6361057	6487169	1.71	cps
Zinc	66-2	686309	682155	677908	682124	0.62	cps
Zirconium	90-1	340385	345511	342207	342701	0.76	cps
Zirconium	91-1	76270	76867	76287	76475	0.44	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:01:54	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14003349	13833287	13766109	13867582	0.88	cps
Antimony	121-1	6295322	6342301	6224024	6287216	0.95	cps
Arsenic	75-2	1557993	1533482	1530704	1540727	0.97	cps
Barium	135-1	3713835	3715014	3641277	3690042	1.14	cps
Barium	137-1	6459142	6313824	6299305	6357423	1.39	cps
Beryllium	9-1	2080	2124	2050	2085	1.77	cps
Bismuth	209-1	13065794	12807289	12551364	12808149	2.01	cps
Bismuth	209-2	9939457	10011300	9811214	9920657	1.02	cps
Bromine	81-1	289453	314890	321481	308608	5.48	cps
Bromine	81-2	57839	56805	58428	57691	1.42	cps
Cadmium	108-1	4447	4577	4614	4546	1.93	cps
Cadmium	106-1	12679	12402	12062	12381	2.50	cps
Cadmium	111-1	54129	53503	52724	53452	1.32	cps
Calcium	43-1	1205709	1191574	1181731	1193005	1.01	cps
Calcium	44-1	19383980	19533662	18842201	19253281	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	893643	890428	888321	890797	0.30	cps
Cobalt	59-2	1526229	1530103	1525829	1527387	0.15	cps
Copper	63-2	174672711	175336744	174458951	174822802	0.26	cps
Dysprosium	156-1	140376	141144	138026	139849	1.16	cps
Dysprosium	156-2	109012	106187	107675	107625	1.31	cps
Erbium	164-1	133581	133857	132787	133408	0.42	cps
Erbium	164-2	88991	88625	87780	88465	0.70	cps
Gadolinium	160-1	141775	140206	139321	140434	0.89	cps
Gadolinium	160-2	100084	97983	97057	98375	1.58	cps
Holmium	165-1	20329641	19938735	19423176	19897184	2.29	cps
Holmium	165-2	13225928	13396332	13023994	13215418	1.41	cps
Indium	115-1	16481201	16155691	15798668	16145187	2.11	cps
Indium	115-2	5458227	5422153	5382468	5420949	0.70	cps
Iron	56-2	920544493	913155880	905783027	913161133	0.81	cps
Iron	57-2	23004879	22693032	22669049	22788987	0.82	cps
Iron	54-2	49542438	49444394	48891708	49292846	0.71	cps
Krypton	83-1	377	453	527	452	16.59	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:01:54	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32784595	32974332	32588135	32782354	0.59	cps
Lead	207-1	28573587	28346581	27993165	28304444	1.03	cps
Lead	208-1	130520949	130207281	128987336	129905189	0.62	cps
Lithium	6-1	2325088	2267307	2237662	2276686	1.95	cps
Magnesium	24-2	13810684	13437627	13494455	13580922	1.48	cps
Manganese	55-2	6877607	6767488	6734987	6793361	1.10	cps
Molybdenum	94-1	455191	455149	448485	452942	0.85	cps
Molybdenum	95-1	407442	409807	402227	406492	0.95	cps
Molybdenum	96-1	489707	490287	482978	487657	0.83	cps
Molybdenum	97-1	258468	257833	254848	257050	0.75	cps
Molybdenum	98-1	660276	663395	654546	659406	0.68	cps
Neodymium	150-1	215148	214501	212075	213908	0.76	cps
Neodymium	150-2	123898	122137	120876	122304	1.24	cps
Nickel	60-2	319082	316863	316141	317362	0.48	cps
Phosphorus	31-2	56771	56785	56661	56739	0.12	cps
Potassium	39-2	6361001	6463848	6375740	6400196	0.87	cps
Rhodium	103-1	14202730	13883411	13581707	13889283	2.24	cps
Rhodium	103-2	8000450	7931621	7926708	7952926	0.52	cps
Scandium	45-1	8444009	8161753	7989059	8198274	2.80	cps
Scandium	45-2	671708	667361	662208	667093	0.71	cps
Selenium	82-1	3500	3352	3166	3340	5.01	cps
Selenium	77-2	553	550	597	567	4.59	cps
Selenium	78-2	1470	1523	1487	1493	1.83	cps
Silicon	28-1	173658444	172195797	165521084	170458442	2.54	cps
Silver	107-1	938038	934030	919500	930523	1.05	cps
Silver	109-1	901236	895420	877315	891323	1.40	cps
Sodium	23-2	52559406	52229796	51892204	52227135	0.64	cps
Strontium	86-1	1646658	1619909	1578473	1615014	2.13	cps
Strontium	88-1	14516263	14155769	14115340	14262457	1.55	cps
Sulfur	34-1	3860029	3919085	3753615	3844243	2.18	cps
Terbium	159-1	20908226	20077438	19965941	20317202	2.53	cps
Terbium	159-2	13222782	12790573	12876346	12963234	1.77	cps
Thallium	203-1	56687	55452	55426	55855	1.29	cps
Thallium	205-1	132329	132461	133403	132731	0.44	cps
Tin	118-1	3089775	3077979	2995790	3054514	1.68	cps
Titanium	47-1	4127223	4068525	3996736	4064162	1.61	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5256-01A	Instrumnet Name :	P7
Client Sample ID :	MJNL92A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:01:54	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	325262	324167	320098	323175	0.84	cps
Vanadium	51-2	886564	875295	871013	877624	0.92	cps
Yttrium	89-1	25831595	24842812	24725374	25133260	2.42	cps
Yttrium	89-2	6346662	6393808	6352547	6364339	0.40	cps
Zinc	66-2	9322727	9220380	9222600	9255236	0.63	cps
Zirconium	90-1	592254	595781	586638	591558	0.78	cps
Zirconium	91-1	135683	134719	134204	134868	0.56	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:04:52	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19448301	19291626	19231149	19323692	0.58	cps
Antimony	121-1	91589	91170	90019	90926	0.89	cps
Arsenic	75-2	79203	77829	77343	78125	1.23	cps
Barium	135-1	3151099	3124733	3096653	3124161	0.87	cps
Barium	137-1	5430345	5313862	5285617	5343275	1.44	cps
Beryllium	9-1	7605	7395	7202	7401	2.73	cps
Bismuth	209-1	11428202	11192298	11004616	11208372	1.89	cps
Bismuth	209-2	8603577	8559331	8573691	8578866	0.26	cps
Bromine	81-1	32543	32700	32015	32419	1.11	cps
Bromine	81-2	3967	3644	3667	3759	4.80	cps
Cadmium	108-1	1823	1637	1777	1746	5.57	cps
Cadmium	106-1	8242	8246	8406	8298	1.13	cps
Cadmium	111-1	24434	24724	25098	24752	1.35	cps
Calcium	43-1	11651528	11473708	11230051	11451762	1.85	cps
Calcium	44-1	189171151	185624624	183212964	186002913	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	858572	849591	848200	852121	0.66	cps
Cobalt	59-2	772992	773634	770066	772231	0.25	cps
Copper	63-2	1280524	1280354	1274798	1278559	0.25	cps
Dysprosium	156-1	403208	401075	393167	399150	1.33	cps
Dysprosium	156-2	305365	303216	301864	303482	0.58	cps
Erbium	164-1	349952	346834	347288	348025	0.48	cps
Erbium	164-2	228950	228011	229102	228687	0.26	cps
Gadolinium	160-1	402640	395456	388969	395688	1.73	cps
Gadolinium	160-2	277031	276308	275718	276352	0.24	cps
Holmium	165-1	19283711	18902604	18911430	19032582	1.14	cps
Holmium	165-2	12608840	12495759	12651426	12585342	0.64	cps
Indium	115-1	13974879	13702620	13668198	13781899	1.22	cps
Indium	115-2	4648234	4603092	4656958	4636095	0.62	cps
Iron	56-2	898796120	903689587	895774733	899420147	0.44	cps
Iron	57-2	22542851	22505021	22395889	22481254	0.34	cps
Iron	54-2	48468476	48433199	48264733	48388803	0.23	cps
Krypton	83-1	697	697	670	688	2.24	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:04:52	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3142771	3137235	3106695	3128901	0.62	cps
Lead	207-1	2594840	2558876	2534154	2562623	1.19	cps
Lead	208-1	12110385	11948126	11762141	11940217	1.46	cps
Lithium	6-1	2328163	2372294	2356480	2352312	0.95	cps
Magnesium	24-2	66367159	66011536	65847472	66075389	0.40	cps
Manganese	55-2	18889710	18875610	18665076	18810132	0.67	cps
Molybdenum	94-1	172571	172499	169457	171509	1.04	cps
Molybdenum	95-1	100304	98867	97002	98724	1.68	cps
Molybdenum	96-1	135386	134569	133624	134526	0.66	cps
Molybdenum	97-1	63316	61890	61659	62289	1.44	cps
Molybdenum	98-1	159813	159119	156846	158593	0.98	cps
Neodymium	150-1	625973	624985	621175	624044	0.41	cps
Neodymium	150-2	351107	347586	348997	349230	0.51	cps
Nickel	60-2	508131	507124	506317	507191	0.18	cps
Phosphorus	31-2	58993	59184	58946	59041	0.21	cps
Potassium	39-2	6297093	6227732	6219836	6248220	0.68	cps
Rhodium	103-1	12448054	12194143	11943337	12195178	2.07	cps
Rhodium	103-2	7170413	7098532	7161922	7143622	0.55	cps
Scandium	45-1	7553252	7313192	7096648	7321030	3.12	cps
Scandium	45-2	591041	588762	595427	591743	0.57	cps
Selenium	82-1	3590	3624	3545	3587	1.10	cps
Selenium	77-2	1197	1133	1133	1155	3.17	cps
Selenium	78-2	1790	1867	1797	1818	2.34	cps
Silicon	28-1	124500915	123288075	120550678	122779889	1.65	cps
Silver	107-1	17941	17320	17093	17452	2.51	cps
Silver	109-1	17821	16239	16269	16777	5.39	cps
Sodium	23-2	685183	678158	680576	681306	0.52	cps
Strontium	86-1	1732420	1701547	1699577	1711182	1.08	cps
Strontium	88-1	15297894	14735445	14823497	14952278	2.02	cps
Sulfur	34-1	399045	397242	390722	395670	1.11	cps
Terbium	159-1	19624199	19608145	19150793	19461046	1.38	cps
Terbium	159-2	12320979	12241966	12327438	12296794	0.39	cps
Thallium	203-1	55235	55282	54298	54938	1.01	cps
Thallium	205-1	131061	130499	131509	131023	0.39	cps
Tin	118-1	108031	107272	106832	107378	0.57	cps
Titanium	47-1	1869071	1798425	1790268	1819255	2.38	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5259-04A	Instrumnet Name :	P7
Client Sample ID :	ME28X0A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:04:52	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	327622	325063	319853	324180	1.22	cps
Vanadium	51-2	921552	915380	912119	916350	0.52	cps
Yttrium	89-1	25796593	25118920	25058666	25324726	1.62	cps
Yttrium	89-2	6435932	6371343	6338283	6381853	0.78	cps
Zinc	66-2	753599	741479	748792	747957	0.82	cps
Zirconium	90-1	312678	310883	311028	311530	0.32	cps
Zirconium	91-1	69584	70495	68871	69650	1.17	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:07:54	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20721856	20930130	20689228	20780405	0.63	cps
Antimony	121-1	33095630	32590940	32433861	32706810	1.06	cps
Arsenic	75-2	5374797	5360377	5350232	5361802	0.23	cps
Barium	135-1	3716470	3691486	3678717	3695557	0.52	cps
Barium	137-1	6407091	6206959	6319314	6311121	1.59	cps
Beryllium	9-1	3730	3844	3757	3777	1.57	cps
Bismuth	209-1	12079514	11833620	11678820	11863985	1.70	cps
Bismuth	209-2	9108080	9441156	9421530	9323589	2.00	cps
Bromine	81-1	233945	252753	258261	248320	5.13	cps
Bromine	81-2	46382	46994	46620	46666	0.66	cps
Cadmium	108-1	6565	6632	6218	6472	3.43	cps
Cadmium	106-1	15849	15705	15685	15746	0.57	cps
Cadmium	111-1	57040	56869	56499	56803	0.49	cps
Calcium	43-1	3390832	3365950	3345472	3367418	0.67	cps
Calcium	44-1	54499966	54133351	53154181	53929166	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1103512	1112613	1104744	1106956	0.45	cps
Cobalt	59-2	7317276	7321505	7315037	7317939	0.04	cps
Copper	63-2	18545164	18390126	18446579	18460623	0.43	cps
Dysprosium	156-1	177142	176483	176922	176849	0.19	cps
Dysprosium	156-2	137508	137573	140363	138481	1.18	cps
Erbium	164-1	176701	175825	174950	175825	0.50	cps
Erbium	164-2	116669	118316	117821	117602	0.72	cps
Gadolinium	160-1	181073	179271	178859	179734	0.66	cps
Gadolinium	160-2	126568	126064	125960	126198	0.26	cps
Holmium	165-1	19270443	19385603	18992428	19216158	1.05	cps
Holmium	165-2	13029198	13106327	13151926	13095817	0.47	cps
Indium	115-1	19703829	19475936	19255073	19478279	1.15	cps
Indium	115-2	6774627	6651354	6760336	6728773	1.00	cps
Iron	56-2	1952803651	1976773731	1953343384	1960973589	0.70	cps
Iron	57-2	49119813	49072076	48961188	49051025	0.17	cps
Iron	54-2	106176032	107534985	105606845	106439287	0.93	cps
Krypton	83-1	520	510	467	499	5.68	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:07:54	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67979469	66840331	66246959	67022253	1.31	cps
Lead	207-1	58500714	57906337	57387421	57931491	0.96	cps
Lead	208-1	267988561	264265046	262538368	264930658	1.05	cps
Lithium	6-1	2134475	2166949	2171931	2157785	0.94	cps
Magnesium	24-2	21094982	21327565	21185620	21202722	0.55	cps
Manganese	55-2	14056985	14174920	13955564	14062490	0.78	cps
Molybdenum	94-1	721377	728121	727123	725540	0.50	cps
Molybdenum	95-1	735718	734592	727217	732509	0.63	cps
Molybdenum	96-1	865830	870216	863804	866616	0.38	cps
Molybdenum	97-1	463857	467715	464403	465325	0.45	cps
Molybdenum	98-1	1197229	1201792	1184656	1194559	0.74	cps
Neodymium	150-1	273274	268990	269804	270690	0.84	cps
Neodymium	150-2	156073	154644	155527	155415	0.46	cps
Nickel	60-2	511394	501383	503093	505290	1.06	cps
Phosphorus	31-2	105413	105484	104598	105165	0.47	cps
Potassium	39-2	11597297	11673096	11663028	11644474	0.35	cps
Rhodium	103-1	13452102	13510685	13202226	13388338	1.22	cps
Rhodium	103-2	7932919	7955640	8121721	8003426	1.29	cps
Scandium	45-1	8110420	8214797	7974316	8099844	1.49	cps
Scandium	45-2	691577	687296	698655	692510	0.83	cps
Selenium	82-1	4906	4765	4782	4818	1.59	cps
Selenium	77-2	787	917	970	891	10.58	cps
Selenium	78-2	1983	2007	2064	2018	2.04	cps
Silicon	28-1	189568904	186470024	188022444	188020457	0.82	cps
Silver	107-1	150996	150986	152111	151364	0.43	cps
Silver	109-1	142752	145215	142785	143584	0.98	cps
Sodium	23-2	45535019	45944301	45346141	45608487	0.67	cps
Strontium	86-1	3477474	3456539	3485073	3473029	0.43	cps
Strontium	88-1	30576461	30494536	30519629	30530209	0.14	cps
Sulfur	34-1	631189	626270	629219	628893	0.39	cps
Terbium	159-1	19768557	19656664	19484705	19636642	0.73	cps
Terbium	159-2	12859128	12684840	12878600	12807522	0.83	cps
Thallium	203-1	61197	61913	60262	61124	1.35	cps
Thallium	205-1	148026	147274	145875	147058	0.74	cps
Tin	118-1	8890958	8861596	8713398	8821984	1.08	cps
Titanium	47-1	4830537	4870250	4735427	4812071	1.44	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-06A	Instrumnet Name :	P7
Client Sample ID :	MJNKC7A	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:07:54	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	386529	384785	378520	383278	1.10	cps
Vanadium	51-2	1248059	1250329	1244373	1247587	0.24	cps
Yttrium	89-1	25595021	25262655	25313125	25390267	0.71	cps
Yttrium	89-2	6559419	6556958	6652536	6589638	0.83	cps
Zinc	66-2	26518881	26620110	26625443	26588145	0.23	cps
Zirconium	90-1	824111	822791	824676	823859	0.12	cps
Zirconium	91-1	190429	190661	192090	191060	0.47	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 21:10:49	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1863405	1841984	1867573	1857654	0.74	cps
Antimony	121-1	3456122	3511899	3517109	3495043	0.97	cps
Arsenic	75-2	469630	470218	469248	469699	0.10	cps
Barium	135-1	306874	311928	311839	310214	0.93	cps
Barium	137-1	529589	536615	540946	535717	1.07	cps
Beryllium	9-1	357	417	340	371	10.87	cps
Bismuth	209-1	11197272	10451849	10537011	10728711	3.80	cps
Bismuth	209-2	8667865	8648739	8606220	8640941	0.37	cps
Bromine	81-1	39162	40268	40649	40026	1.93	cps
Bromine	81-2	4564	4697	4717	4660	1.79	cps
Cadmium	108-1	507	420	443	457	9.82	cps
Cadmium	106-1	5758	5448	5398	5534	3.53	cps
Cadmium	111-1	6506	6373	6345	6408	1.34	cps
Calcium	43-1	385358	391785	396813	391319	1.47	cps
Calcium	44-1	5986070	6072548	6053894	6037504	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93279	93377	92951	93202	0.24	cps
Cobalt	59-2	440224	440650	439041	439972	0.19	cps
Copper	63-2	1715802	1708499	1691833	1705378	0.72	cps
Dysprosium	156-1	15575	15739	15706	15673	0.55	cps
Dysprosium	156-2	13056	12973	12869	12966	0.72	cps
Erbium	164-1	15182	15509	15268	15320	1.11	cps
Erbium	164-2	10768	11014	10968	10917	1.20	cps
Gadolinium	160-1	15459	15772	15826	15686	1.26	cps
Gadolinium	160-2	12232	11622	12025	11960	2.60	cps
Holmium	165-1	17698280	17305563	17193263	17399035	1.52	cps
Holmium	165-2	11852801	12111944	11966379	11977041	1.08	cps
Indium	115-1	14683449	14163666	14073649	14306921	2.30	cps
Indium	115-2	4930768	4932939	4937769	4933825	0.07	cps
Iron	56-2	173529471	173112417	173534204	173392031	0.14	cps
Iron	57-2	4309989	4322440	4297016	4309815	0.29	cps
Iron	54-2	9320503	9432182	9405665	9386117	0.62	cps
Krypton	83-1	230	213	283	242	15.10	cps

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 21:10:49	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5905675	5988208	5882008	5925297	0.94	cps
Lead	207-1	5128985	5139940	5163761	5144229	0.35	cps
Lead	208-1	23592834	23573082	23509212	23558376	0.19	cps
Lithium	6-1	1840483	1734886	1739054	1771474	3.38	cps
Magnesium	24-2	1898180	1891231	1902279	1897230	0.29	cps
Manganese	55-2	1289189	1293417	1293954	1292187	0.20	cps
Molybdenum	94-1	46567	47346	47841	47252	1.36	cps
Molybdenum	95-1	58838	60625	59594	59685	1.50	cps
Molybdenum	96-1	67448	68868	67776	68031	1.09	cps
Molybdenum	97-1	37638	38153	37552	37781	0.86	cps
Molybdenum	98-1	94044	95312	96060	95138	1.07	cps
Neodymium	150-1	24184	24298	24485	24322	0.62	cps
Neodymium	150-2	14231	14701	14457	14463	1.63	cps
Nickel	60-2	44914	44770	44232	44638	0.81	cps
Phosphorus	31-2	8979	9129	9103	9071	0.88	cps
Potassium	39-2	1151387	1152112	1149784	1151094	0.10	cps
Rhodium	103-1	13037409	12625522	12638278	12767070	1.83	cps
Rhodium	103-2	7544771	7620846	7506698	7557438	0.77	cps
Scandium	45-1	7413770	7104033	7073763	7197189	2.61	cps
Scandium	45-2	607682	606251	610618	608184	0.37	cps
Selenium	82-1	719	748	615	694	10.07	cps
Selenium	77-2	80	70	67	72	9.61	cps
Selenium	78-2	427	450	533	470	11.93	cps
Silicon	28-1	15089078	15396446	15441989	15309171	1.25	cps
Silver	107-1	12235	12379	12899	12504	2.79	cps
Silver	109-1	11575	12125	12212	11971	2.89	cps
Sodium	23-2	4443903	4469825	4466931	4460219	0.32	cps
Strontium	86-1	340752	345977	343803	343511	0.76	cps
Strontium	88-1	3016145	3075596	3029464	3040402	1.03	cps
Sulfur	34-1	200963	203868	204922	203251	1.01	cps
Terbium	159-1	18377895	17653046	17712569	17914503	2.25	cps
Terbium	159-2	11834204	11826411	11747192	11802602	0.41	cps
Thallium	203-1	2864	2960	2884	2903	1.76	cps
Thallium	205-1	6892	6969	6892	6917	0.64	cps
Tin	118-1	742537	759186	763025	754916	1.44	cps
Titanium	47-1	432162	439503	436549	436071	0.85	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	P5271-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKC8	Dilution Factor :	2
Date & Time Acquired :	2024-12-26 21:10:49	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30909	31588	31187	31228	1.09	cps
Vanadium	51-2	110793	111528	111615	111312	0.41	cps
Yttrium	89-1	21960016	20899017	20920699	21259911	2.85	cps
Yttrium	89-2	5612012	5623880	5575153	5603682	0.45	cps
Zinc	66-2	2292622	2319891	2331417	2314643	0.86	cps
Zirconium	90-1	36188	37124	37214	36842	1.54	cps
Zirconium	91-1	8653	8803	8659	8705	0.97	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:13:51	DataFile Name :	142CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12054517	11884034	11971094	11969881	0.71	cps
Antimony	121-1	6092778	6064853	5928361	6028664	1.46	cps
Arsenic	75-2	288307	286035	286352	286898	0.43	cps
Barium	135-1	8077502	8005404	7888535	7990480	1.19	cps
Barium	137-1	13921727	13698748	13594923	13738466	1.22	cps
Beryllium	9-1	659596	661731	661505	660944	0.18	cps
Bismuth	209-1	9549607	9529669	9462550	9513942	0.48	cps
Bismuth	209-2	7616942	7687495	7609013	7637817	0.57	cps
Bromine	81-1	16269	14904	15008	15394	4.94	cps
Bromine	81-2	353	367	363	361	1.92	cps
Cadmium	108-1	115630	111971	111185	112929	2.10	cps
Cadmium	106-1	164675	165299	163084	164353	0.69	cps
Cadmium	111-1	1537977	1542181	1517707	1532622	0.85	cps
Calcium	43-1	7694792	7586444	7523983	7601739	1.14	cps
Calcium	44-1	124195878	122664998	119363232	122074703	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2161602	2145876	2173227	2160235	0.64	cps
Cobalt	59-2	3404779	3378581	3374007	3385789	0.49	cps
Copper	63-2	24057839	24152800	23843594	24018077	0.66	cps
Dysprosium	156-1	377	333	350	353	6.19	cps
Dysprosium	156-2	503	570	537	537	6.21	cps
Erbium	164-1	367	383	400	383	4.35	cps
Erbium	164-2	263	253	253	257	2.25	cps
Gadolinium	160-1	293	293	300	296	1.30	cps
Gadolinium	160-2	697	737	770	734	5.00	cps
Holmium	165-1	16504955	16201148	16130786	16278963	1.22	cps
Holmium	165-2	11260056	11416316	11193965	11290112	1.01	cps
Indium	115-1	12260315	11820273	11712588	11931059	2.43	cps
Indium	115-2	4090841	4145541	4122481	4119621	0.67	cps
Iron	56-2	506595526	506094926	497611633	503434028	1.00	cps
Iron	57-2	12729796	12560355	12571104	12620419	0.75	cps
Iron	54-2	27477067	27132460	27085835	27231787	0.78	cps
Krypton	83-1	233	217	180	210	12.99	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:13:51	DataFile Name :	142CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25125749	25281205	25141498	25182817	0.34	cps
Lead	207-1	21666437	21901712	21908239	21825463	0.63	cps
Lead	208-1	98958352	100459349	100379626	99932442	0.85	cps
Lithium	6-1	1700987	1742321	1677866	1707058	1.91	cps
Magnesium	24-2	94478665	93791272	93729832	93999923	0.44	cps
Manganese	55-2	17360272	17223579	17115673	17233175	0.71	cps
Molybdenum	94-1	21984869	21488799	21254517	21576062	1.73	cps
Molybdenum	95-1	31459410	31049872	30695818	31068366	1.23	cps
Molybdenum	96-1	34044705	33892044	33490915	33809222	0.85	cps
Molybdenum	97-1	19447858	19305829	19130500	19294729	0.82	cps
Molybdenum	98-1	50689861	49714166	49440441	49948156	1.31	cps
Neodymium	150-1	497	547	500	514	5.43	cps
Neodymium	150-2	230	140	157	176	27.27	cps
Nickel	60-2	837640	827943	821565	829050	0.98	cps
Phosphorus	31-2	110931	108994	107192	109039	1.72	cps
Potassium	39-2	60700626	59610336	60217942	60176301	0.91	cps
Rhodium	103-1	11058771	10711977	10563581	10778110	2.36	cps
Rhodium	103-2	6269056	6352255	6234388	6285233	0.96	cps
Scandium	45-1	6578998	6257195	6159742	6331978	3.47	cps
Scandium	45-2	520865	531271	520995	524377	1.14	cps
Selenium	82-1	89526	87879	86253	87886	1.86	cps
Selenium	77-2	8583	8452	8629	8555	1.07	cps
Selenium	78-2	29519	29596	29880	29665	0.64	cps
Silicon	28-1	7785741	7611439	7467053	7621411	2.09	cps
Silver	107-1	7703990	7468205	7463286	7545160	1.82	cps
Silver	109-1	7302464	7082035	7086562	7157020	1.76	cps
Sodium	23-2	154185938	152578354	152471328	153078540	0.63	cps
Strontium	86-1	1941337	1916328	1885180	1914282	1.47	cps
Strontium	88-1	16947363	16860804	16305350	16704506	2.09	cps
Sulfur	34-1	581257	566876	560610	569581	1.86	cps
Terbium	159-1	17024186	16573012	16486131	16694443	1.73	cps
Terbium	159-2	10900462	11147999	10989822	11012761	1.14	cps
Thallium	203-1	6209148	6231741	6195925	6212271	0.29	cps
Thallium	205-1	14904537	15044894	15010737	14986723	0.49	cps
Tin	118-1	5115320	5055409	5080498	5083742	0.59	cps
Titanium	47-1	7210237	7101767	6864495	7058833	2.51	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:13:51	DataFile Name :	142CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19551506	20001727	20277938	19943724	1.84	cps
Vanadium	51-2	1952745	1897097	1929851	1926565	1.45	cps
Yttrium	89-1	19419887	18440659	18098186	18652911	3.68	cps
Yttrium	89-2	4815024	4937028	4839624	4863892	1.33	cps
Zinc	66-2	4019026	4027990	4029693	4025570	0.14	cps
Zirconium	90-1	10581805	10388696	10220915	10397139	1.74	cps
Zirconium	91-1	2356025	2304758	2285304	2315362	1.58	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:16:35	DataFile Name :	143CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1377	1190	857	1141	23.09	cps
Antimony	121-1	3891	3460	3000	3450	12.90	cps
Arsenic	75-2	97	67	50	71	33.26	cps
Barium	135-1	970	830	953	918	8.33	cps
Barium	137-1	1587	1423	1717	1576	9.33	cps
Beryllium	9-1	190	207	230	209	9.62	cps
Bismuth	209-1	10593599	10537802	10654953	10595452	0.55	cps
Bismuth	209-2	8567842	9084313	8483262	8711806	3.73	cps
Bromine	81-1	13890	14354	13810	14018	2.09	cps
Bromine	81-2	410	380	303	364	15.09	cps
Cadmium	108-1	37	40	10	29	56.92	cps
Cadmium	106-1	4694	4714	4481	4630	2.79	cps
Cadmium	111-1	3550	3479	3356	3462	2.83	cps
Calcium	43-1	1080	960	1190	1077	10.68	cps
Calcium	44-1	24207	22367	25599	24058	6.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1740	1660	1660	1687	2.74	cps
Cobalt	59-2	510	333	287	377	31.28	cps
Copper	63-2	4677	4124	3350	4051	16.46	cps
Dysprosium	156-1	27	10	10	16	61.87	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	93	73	113	93	21.43	cps
Erbium	164-2	47	77	70	64	24.44	cps
Gadolinium	160-1	50	57	47	51	9.96	cps
Gadolinium	160-2	453	643	550	549	17.31	cps
Holmium	165-1	17170559	16702639	16807027	16893408	1.45	cps
Holmium	165-2	11591200	12301869	11452421	11781830	3.87	cps
Indium	115-1	13275351	13034050	12841701	13050367	1.66	cps
Indium	115-2	4559754	4827903	4564138	4650598	3.30	cps
Iron	56-2	85009	70090	55955	70351	20.65	cps
Iron	57-2	2640	2237	1910	2262	16.17	cps
Iron	54-2	5931	5114	4104	5050	18.13	cps
Krypton	83-1	193	183	170	182	6.43	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:16:35	DataFile Name :	143CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4691	4474	4861	4675	4.15	cps
Lead	207-1	4141	3604	4104	3950	7.59	cps
Lead	208-1	18448	16858	18922	18076	5.98	cps
Lithium	6-1	1867075	1825119	1829555	1840583	1.25	cps
Magnesium	24-2	10447	8866	6048	8454	26.36	cps
Manganese	55-2	2700	2430	1907	2346	17.20	cps
Molybdenum	94-1	3487	3107	3570	3388	7.29	cps
Molybdenum	95-1	3964	3814	4447	4075	8.12	cps
Molybdenum	96-1	4564	4051	4687	4434	7.62	cps
Molybdenum	97-1	2684	2157	2934	2591	15.30	cps
Molybdenum	98-1	6928	5848	6982	6586	9.71	cps
Neodymium	150-1	17	10	3	10	66.70	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	353	363	363	360	1.60	cps
Phosphorus	31-2	103	140	107	117	17.38	cps
Potassium	39-2	57495	55079	53885	55486	3.31	cps
Rhodium	103-1	11959672	11697813	11854542	11837342	1.11	cps
Rhodium	103-2	7157289	7516471	7064003	7245921	3.30	cps
Scandium	45-1	6446398	6436280	6417501	6433393	0.23	cps
Scandium	45-2	542920	575875	538117	552304	3.72	cps
Selenium	82-1	483	522	566	524	7.89	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	423	360	427	403	9.31	cps
Silicon	28-1	541830	546907	549685	546141	0.73	cps
Silver	107-1	1690	1603	1697	1663	3.13	cps
Silver	109-1	1610	1480	1333	1475	9.39	cps
Sodium	23-2	52476	48526	44016	48339	8.76	cps
Strontium	86-1	583	550	660	598	9.44	cps
Strontium	88-1	2444	2334	2460	2412	2.85	cps
Sulfur	34-1	164080	165593	164939	164871	0.46	cps
Terbium	159-1	17444640	17142781	17139138	17242187	1.02	cps
Terbium	159-2	11455172	12098302	11252230	11601901	3.81	cps
Thallium	203-1	1823	1700	1497	1673	9.86	cps
Thallium	205-1	4157	3931	3654	3914	6.44	cps
Tin	118-1	2664	2287	2550	2500	7.73	cps
Titanium	47-1	947	717	893	852	14.13	cps

Reviewed By:Mohan
On:12/30/2024 2:20:35 AM
Inst Id :P7

LB Number :	LB134096	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-26 21:16:35	DataFile Name :	143CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1977	1713	2514	2068	19.72	cps
Vanadium	51-2	250	187	177	204	19.45	cps
Yttrium	89-1	19198865	19316908	19086773	19200849	0.60	cps
Yttrium	89-2	5155018	5437597	5090951	5227856	3.53	cps
Zinc	66-2	1173	1117	890	1060	14.14	cps
Zirconium	90-1	3084	2817	3194	3031	6.39	cps
Zirconium	91-1	640	660	700	667	4.58	cps

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Prep Standard - Chemical Standard Summary

Order ID : P5256

Test : Metals CLP4 MS

Prepbatch ID : PB165755,

Sequence ID/Qc Batch ID: LB134096,

Standard ID :
MP82128,MP83498,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP83628,MP836
29,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83669,MP83671,

Chemical ID :
M5288,M5289,M5295,M5304,M5390,M5476,M5498,M5513,M5515,M5516,M5519,M5658,M5698,M5739,M5751,M5768
,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M596
1,M5962,M5976,M5978,M5981,M5983,M5993,M5999,M6021,M6023,M6025,M6028,M6030,M6033,M6040,M6055,M61
21,M6126,W3112,

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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	12/28/2024	Janvi Patel	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP83619	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 25.00000ml of M6121 + 4925.00000ml of W3112 + 50.00000ml of M6126 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83620	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.10000ml of M5476 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6126 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6121 + 50.00000ml of M5304 + 832.50000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5751 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP83621	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 48.50000ml of W3112 + 50.00000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP83622	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 73.50000ml of W3112 + 25.00000ml of MP83620 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP83623	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 86.00000ml of W3112 + 12.50000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83625	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83621 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83626	12/13/2024	01/07/2025	Sarabjit Jaswal	None	None	Mohan Bera 12/17/2024

FROM 0.05000ml of M5476 + 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6121 + 226.25000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83627	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 98.00000ml of W3112 + 0.50000ml of MP83626 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP83628	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83627 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83629	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP83630	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83631	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP83632	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5476 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6126 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5516 + 24.95000ml of M5769 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.50000ml of M5976 + 4.50000ml of M5978 + 4.95000ml of M6033 + 5.00000ml of M6121 + 826.10000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83633	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP83634	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83633 + 96.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83635	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 5.00000ml of M6126 + 75.00000ml of M5739 + 170.00000ml of MP83619 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP83636	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5516 + 5.00000ml of M5769 + 79.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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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.	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

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 /	03/16/2023 / jaswal	M5476

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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.	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

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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

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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.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	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

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

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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.	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

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 /	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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Certificate of Analysis

Refine your results. Redefine your industry. R: 02/22/24 M5991, M5992, M5993, M5994, M5995

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Christiansburg, VA 24073 USA
inorganicventures.com

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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).

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:

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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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 8/15/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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CERTIFIED WEIGHT REPORT:

Part Number: 57048
Lot Number: 070124
Description: Cadmium (Cd)

Expiration Date: 070127
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.07

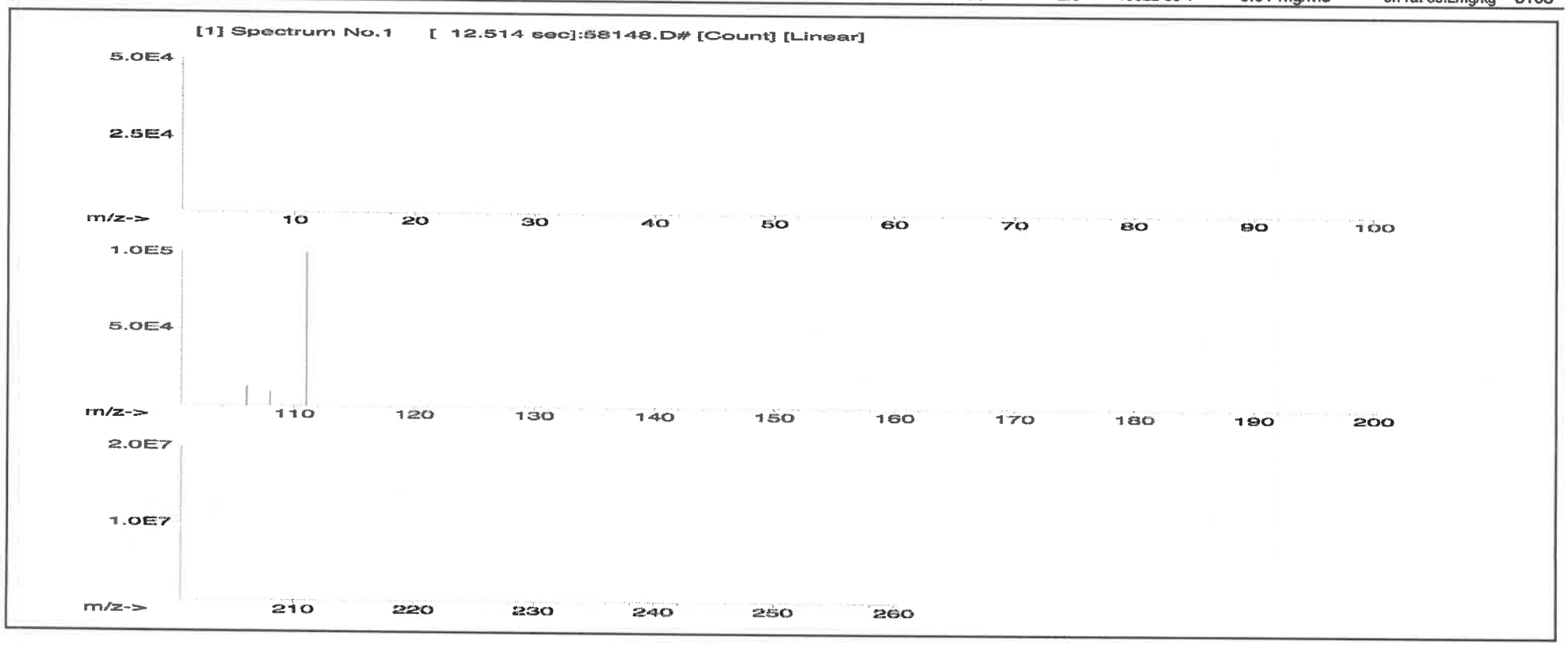
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.100 Flask Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

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

R: 8/5/24 M6025

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

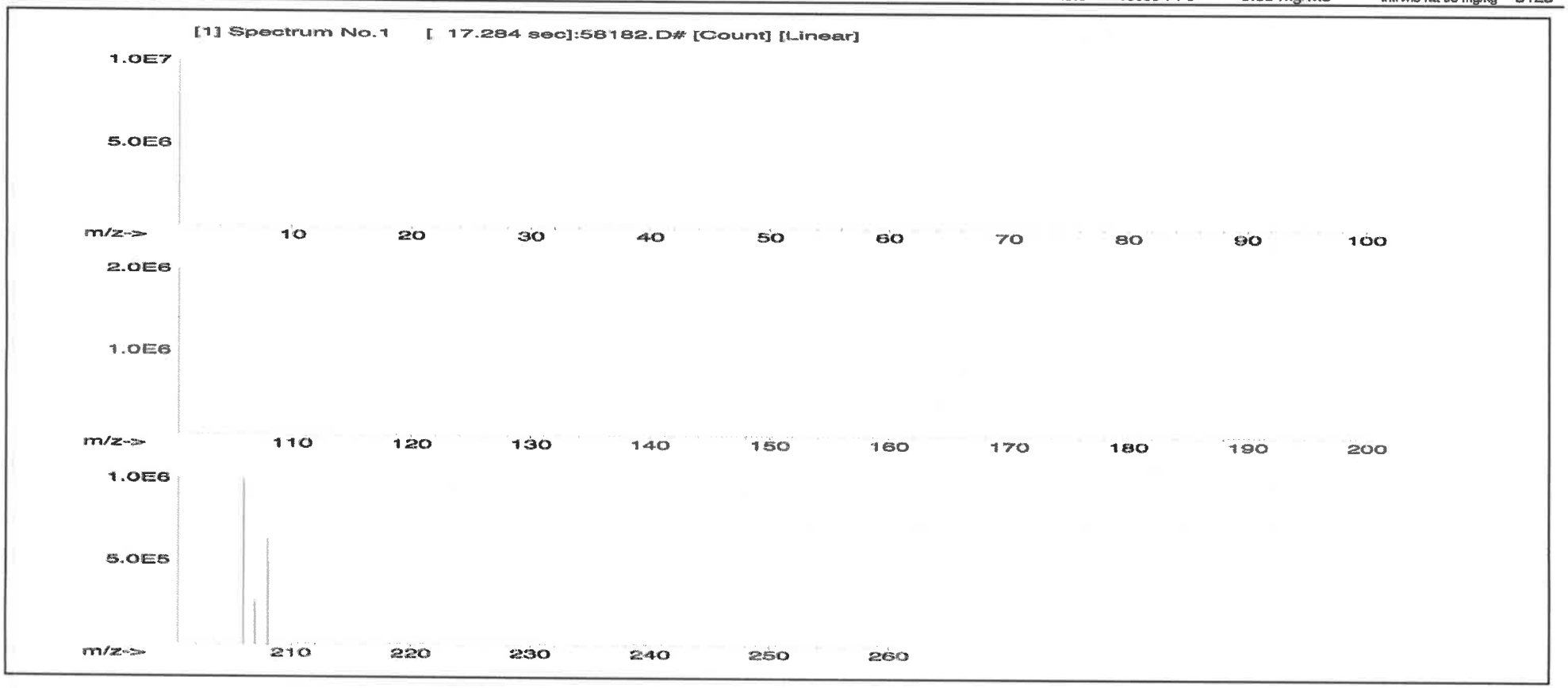
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



879

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).

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

0880

CERTIFIED WEIGHT REPORT:

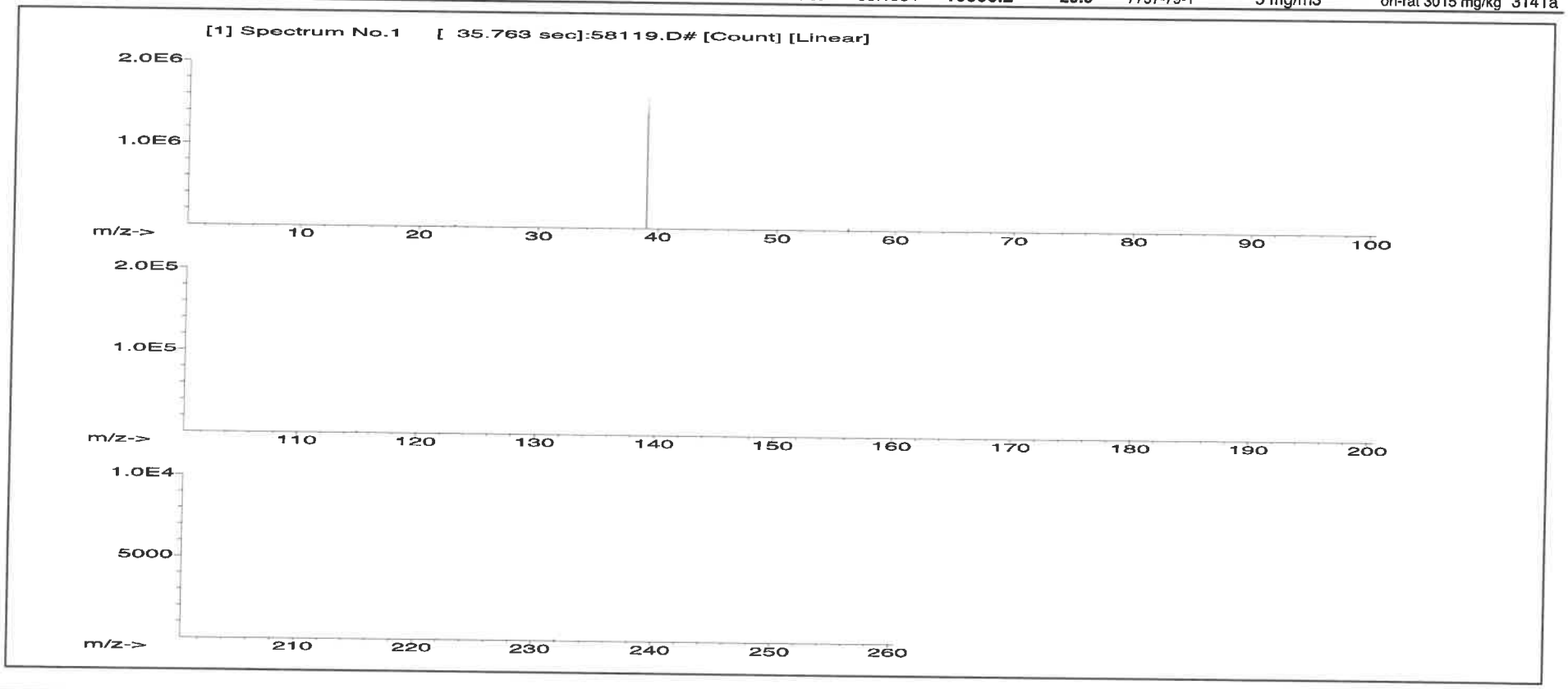
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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



881

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

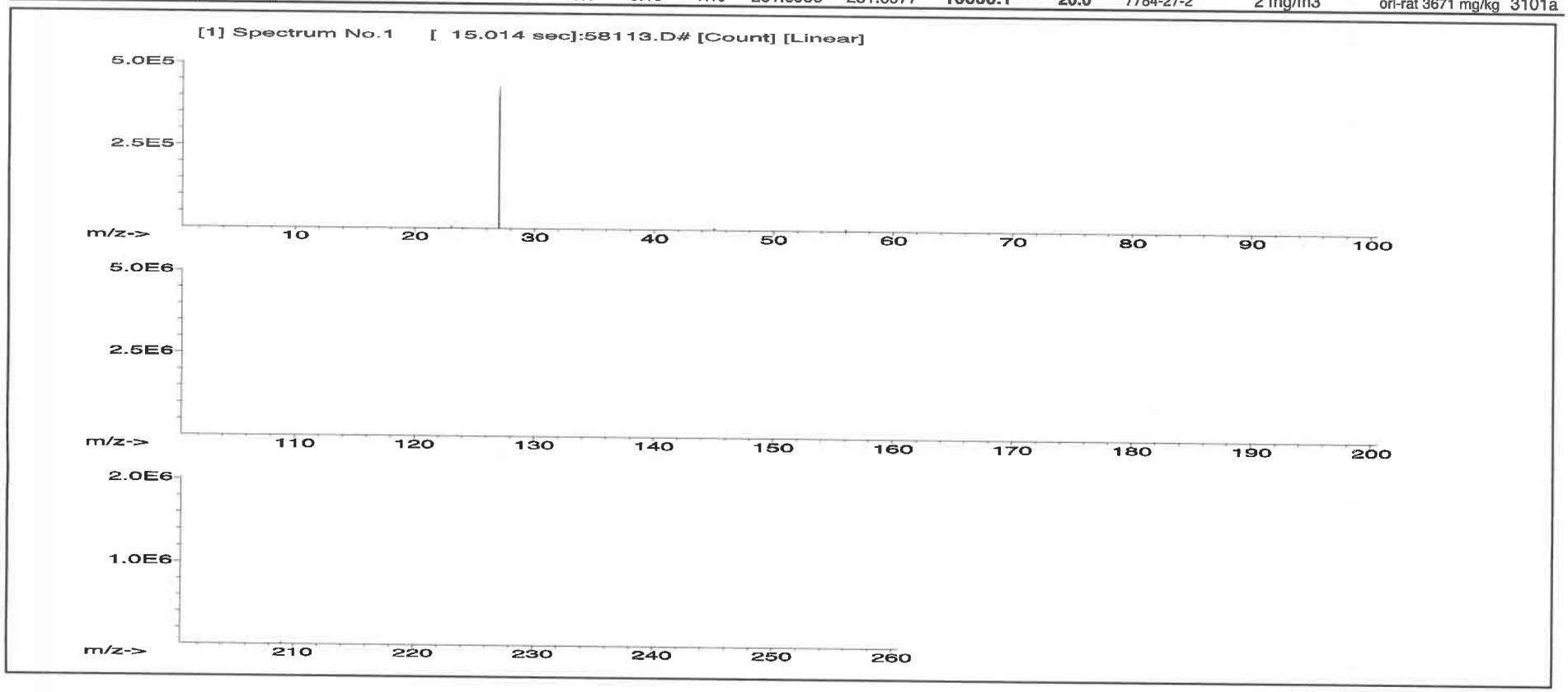
Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	20370011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance 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



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.
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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).

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:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
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R: 09/08/22 (BH)

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M5387 . M5389 . M5390 . M5391 . M5392

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890

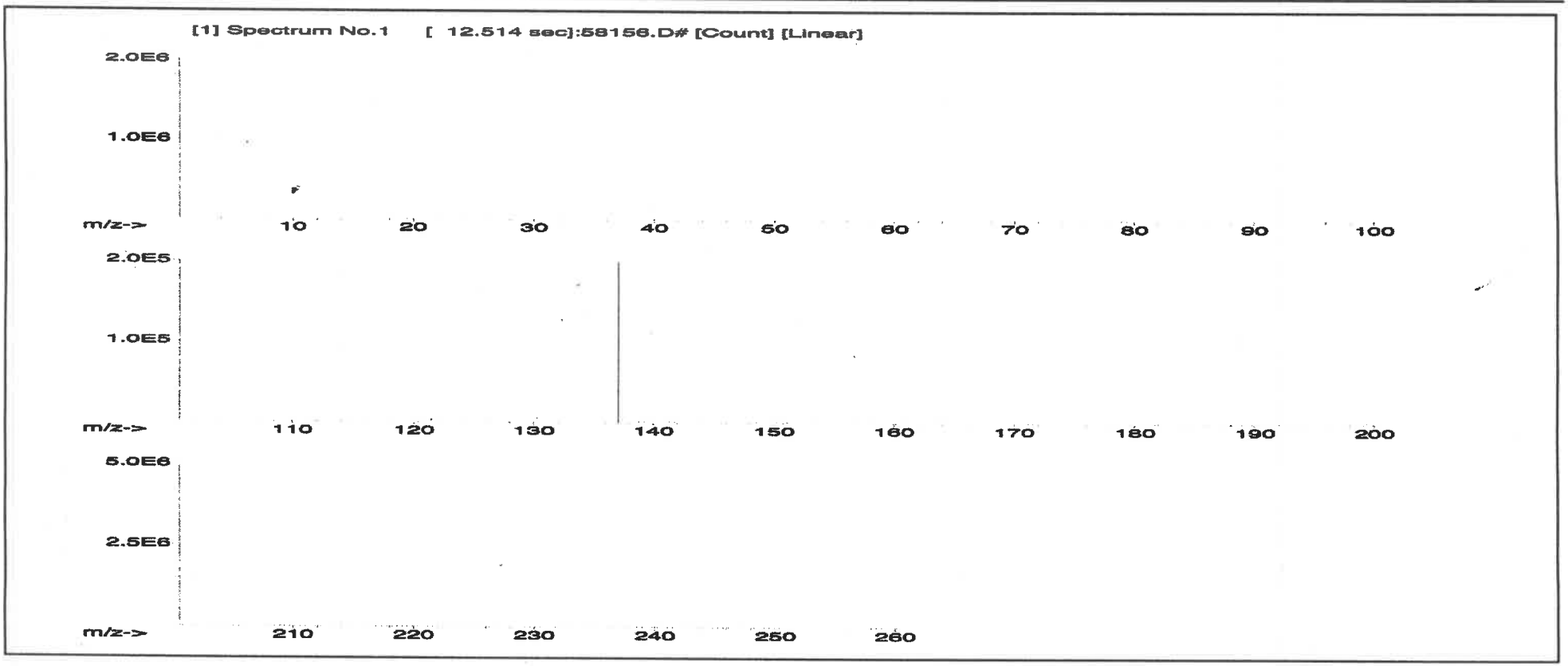
CERTIFIED WEIGHT REPORT:

		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.

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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 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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IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

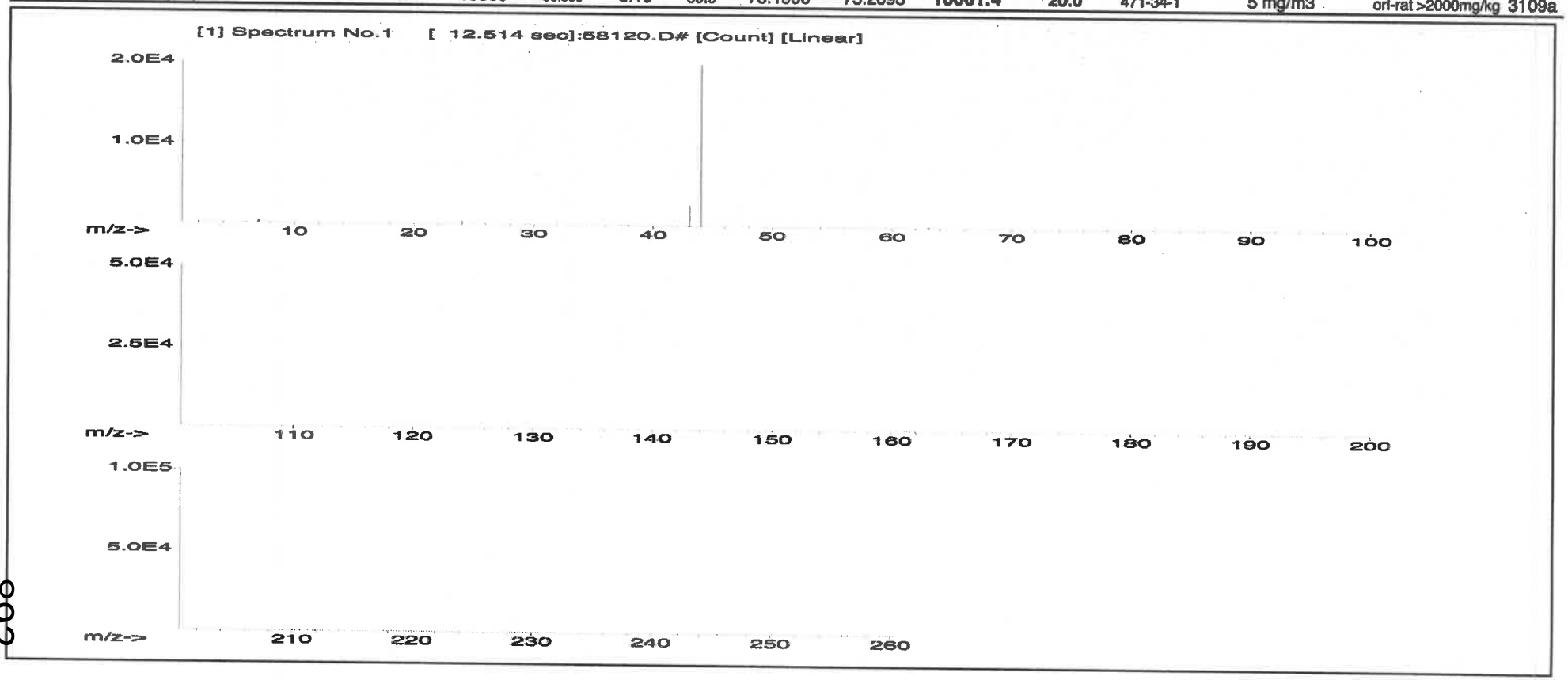
Giovanni Esposito

Formulated By: Giovanni Esposito 031523

Pedro Rentas

Reviewed By: Pedro L. Rentas 031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



892

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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* 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).

8693

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M 5513 R: 03/17/23 BE

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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

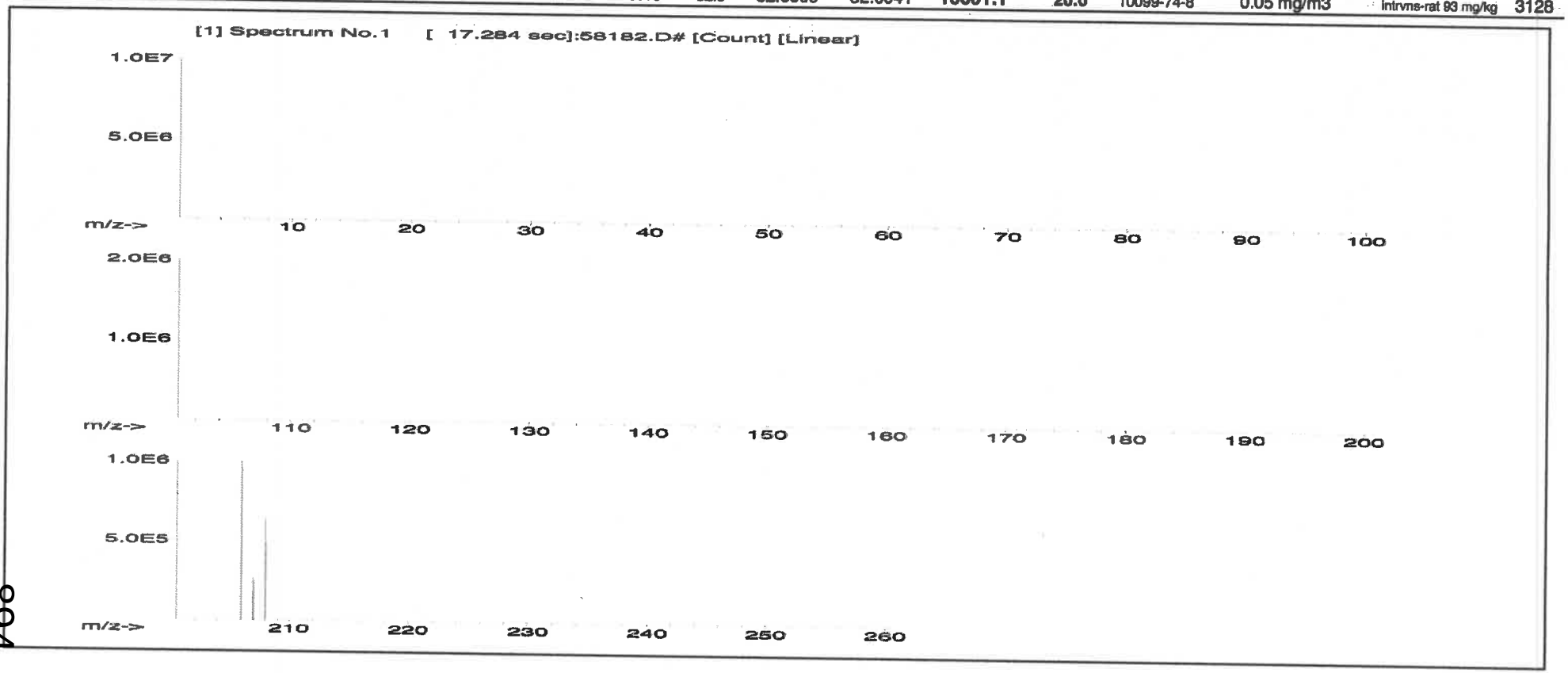
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



894

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).

57182

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M5514 , M5515 R: 03/17/23

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8968

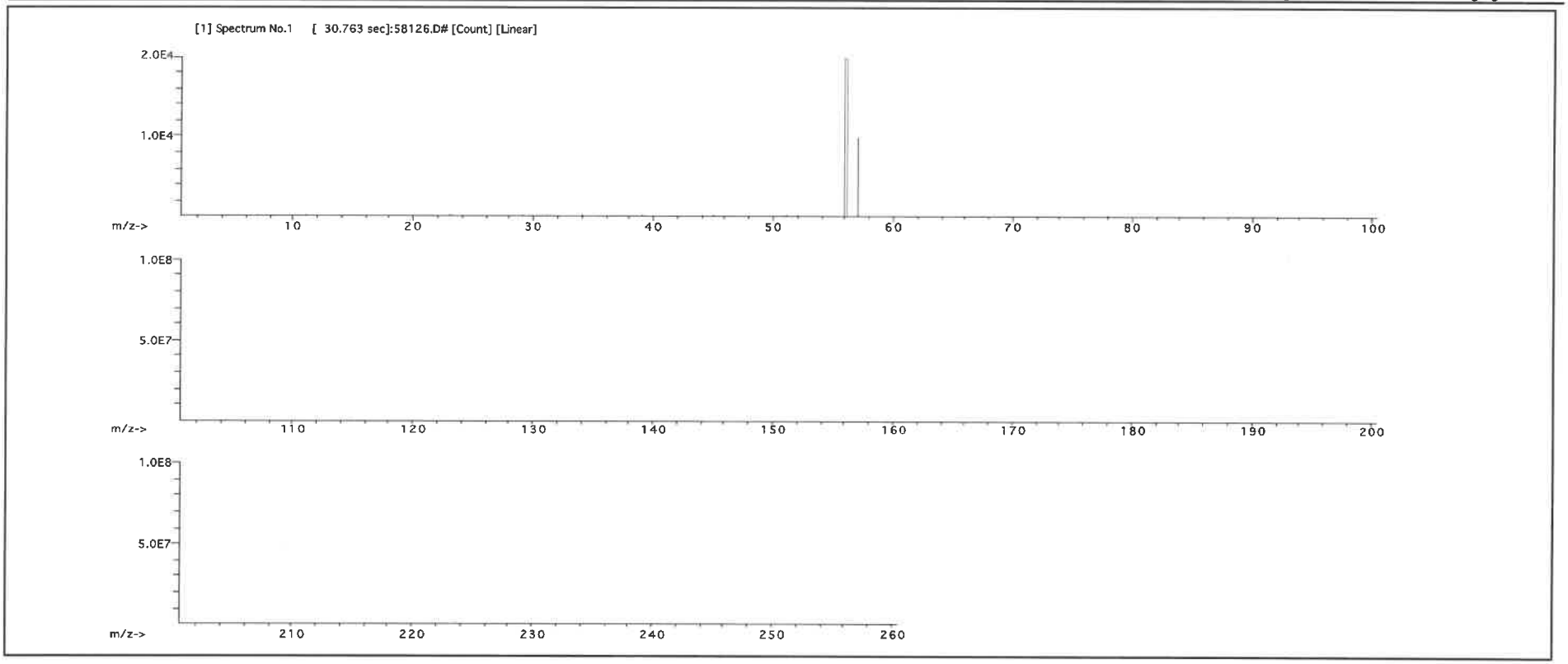
CERTIFIED WEIGHT REPORT:

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:

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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M546 M517 R: 03/17/22 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 022123
Description: Sodium (Na)

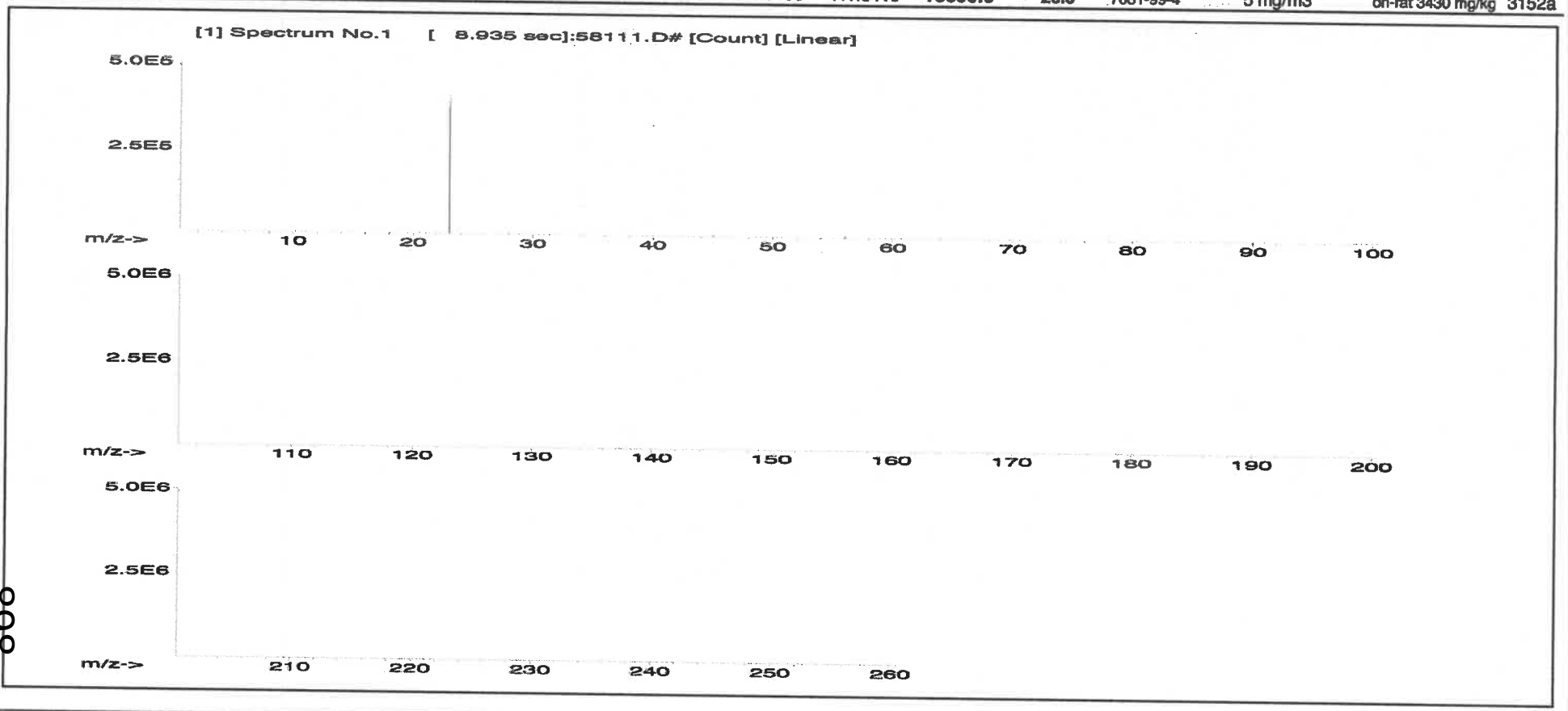
Expiration Date: 022126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 0.06 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	022123
Reviewed By:	Pedro L. Rentas	022123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5410	**10000.0**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



868

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:

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M5519. M5520 (BH) R:03/17/23

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900

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

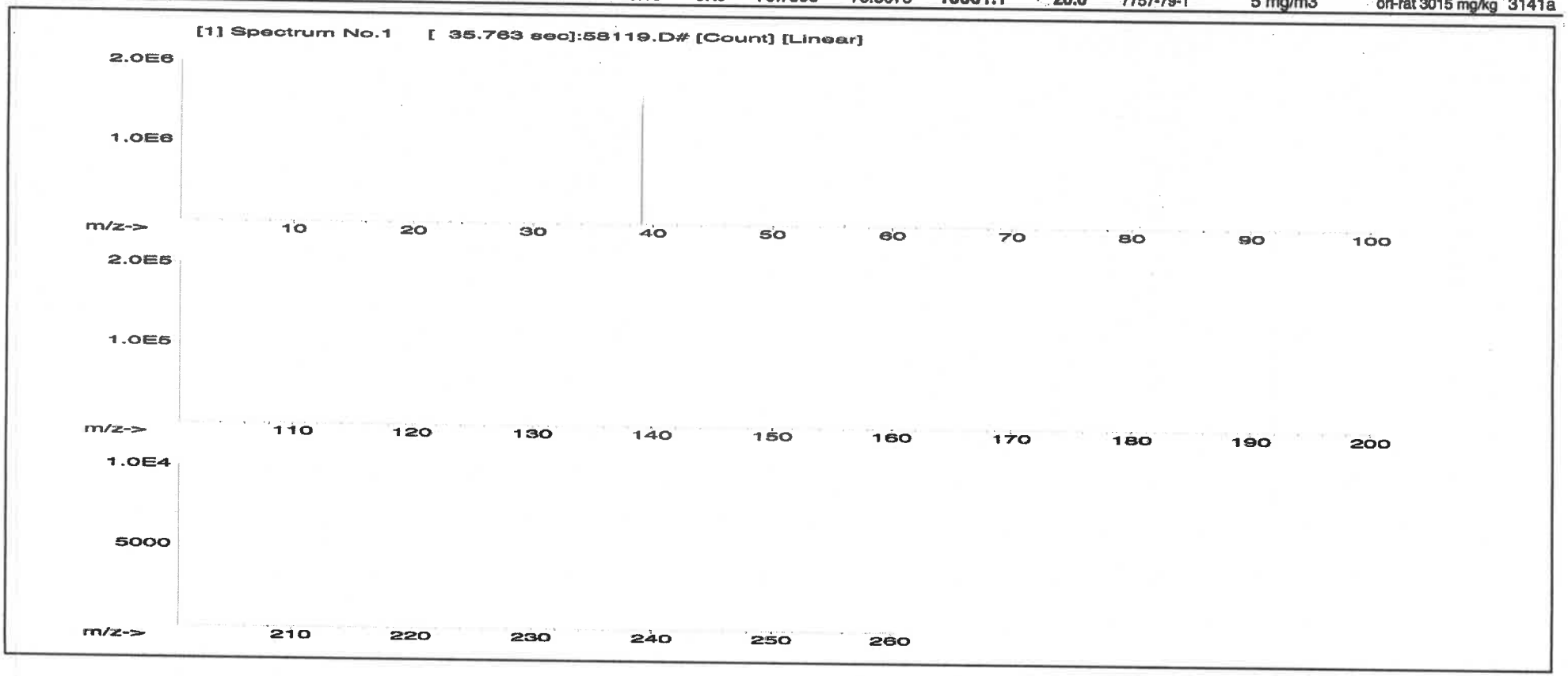
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



901

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5658 R ! 8/25/23

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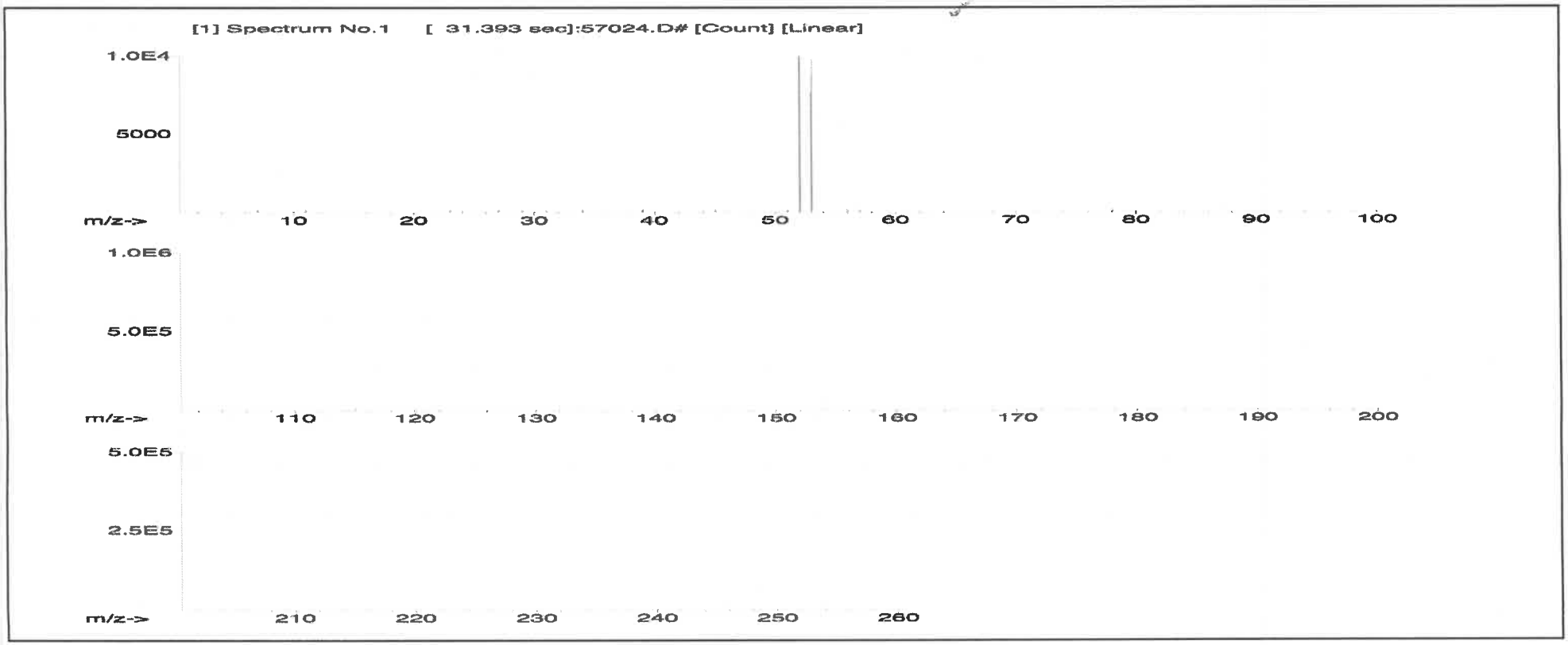
902

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.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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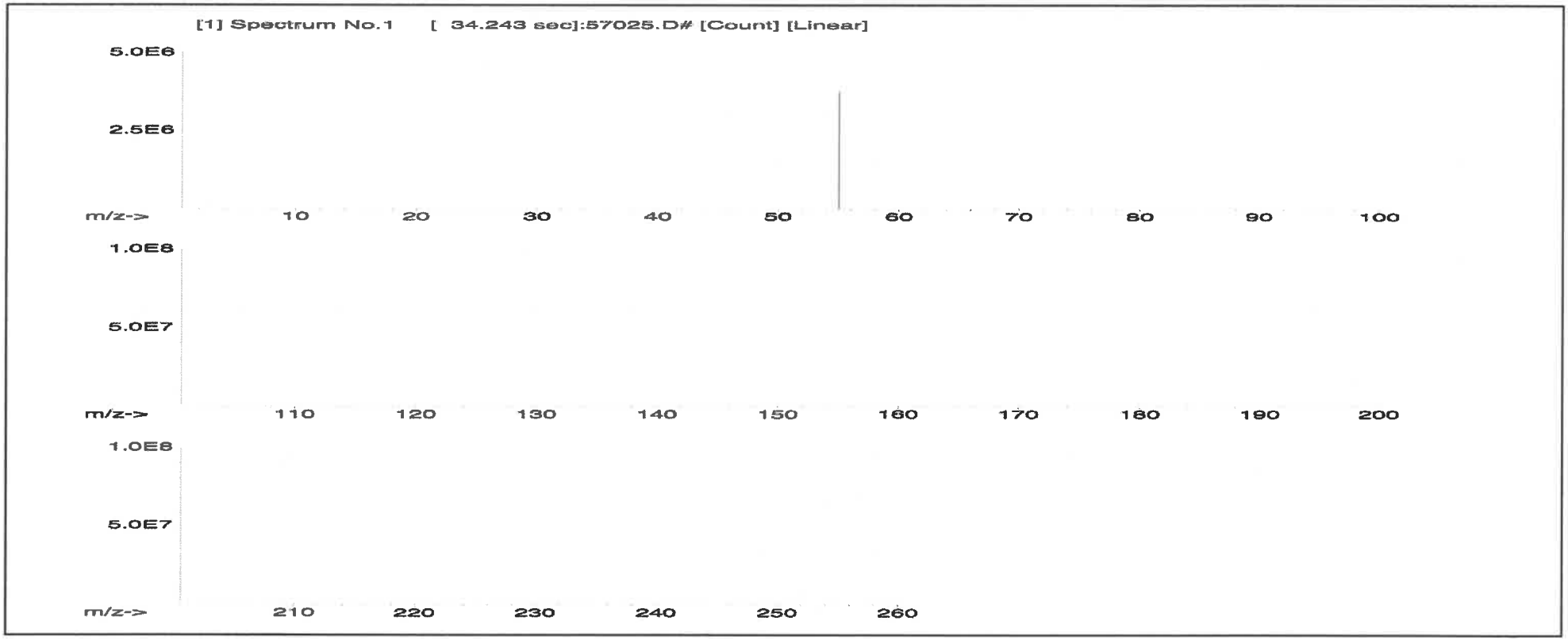
CERTIFIED WEIGHT REPORT:

		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

904

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



905

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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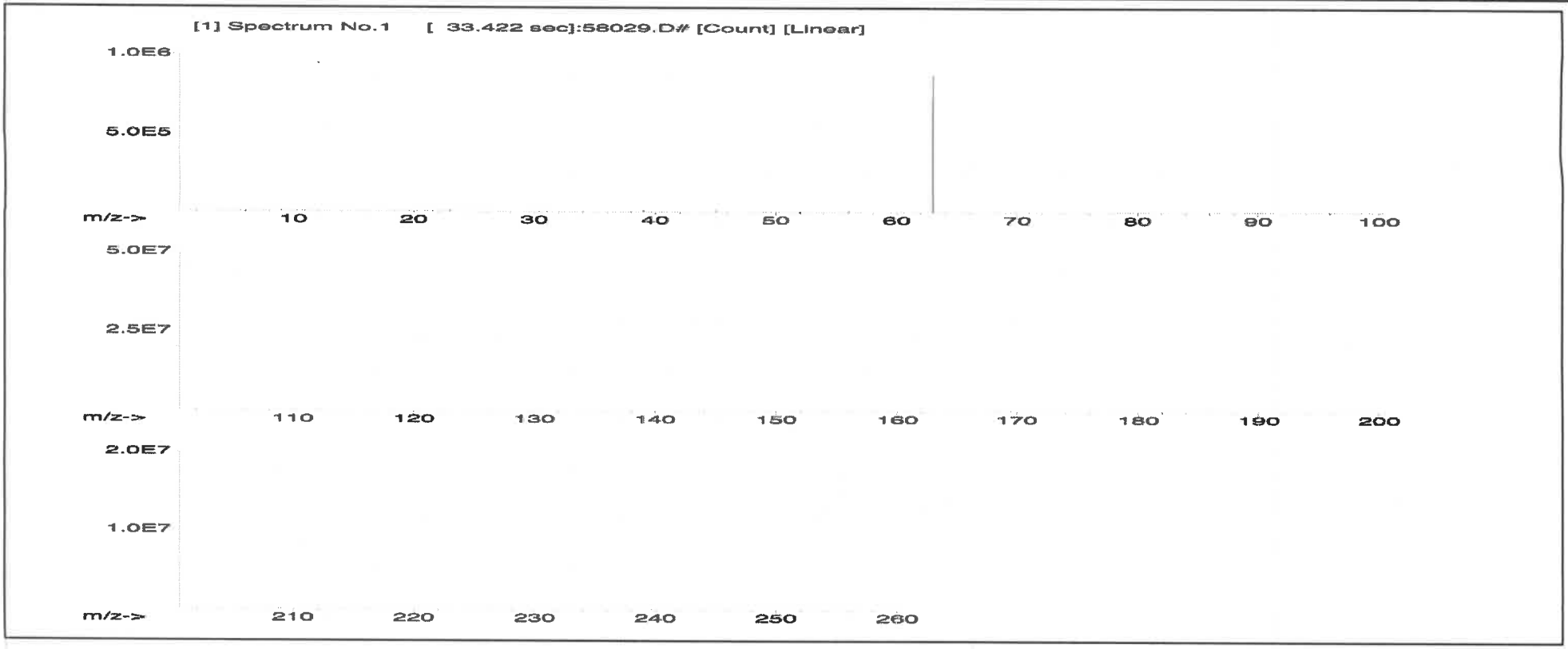
906

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



907

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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M5768 M5769 (BP) R:1/3/24

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908

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	

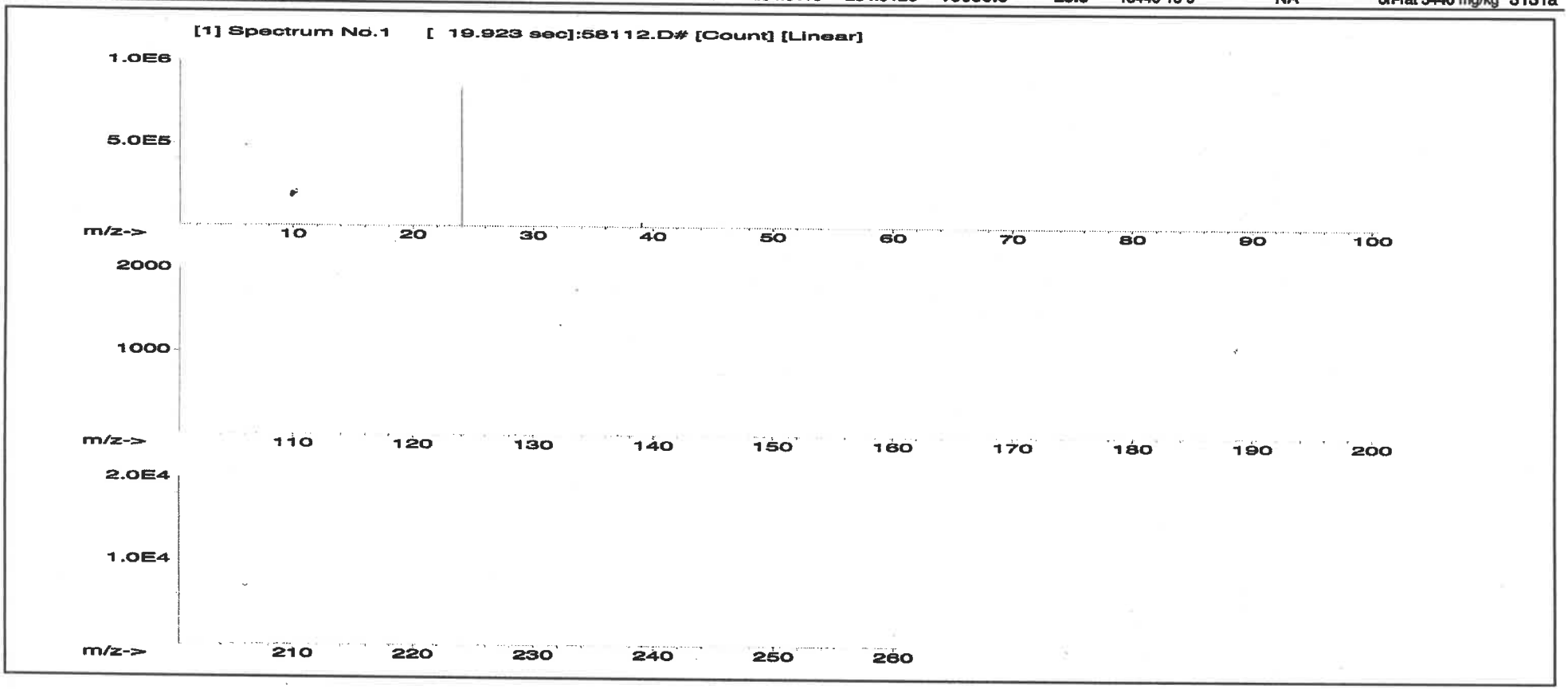
5E-05 Balance Uncertainty

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



606

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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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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910

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

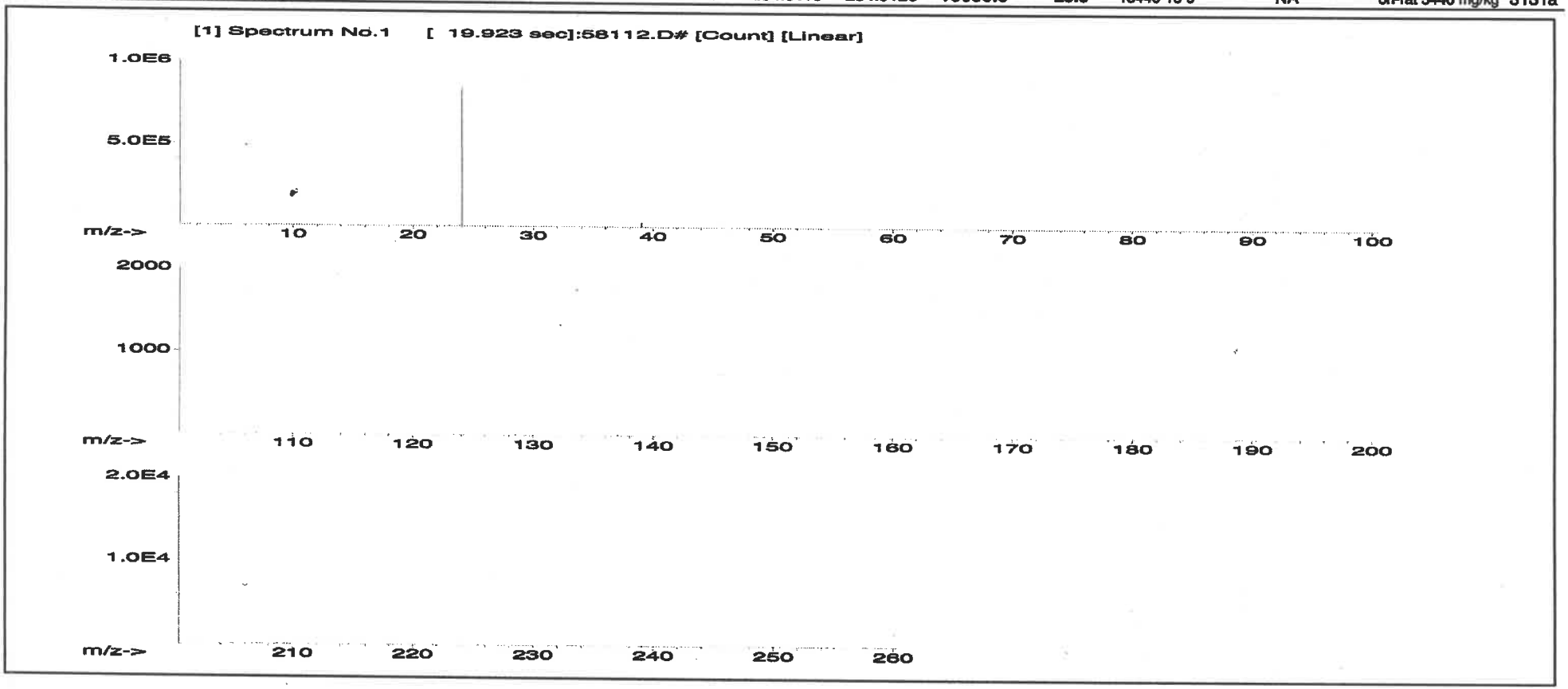
5E-05 Balance Uncertainty

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



911

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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* 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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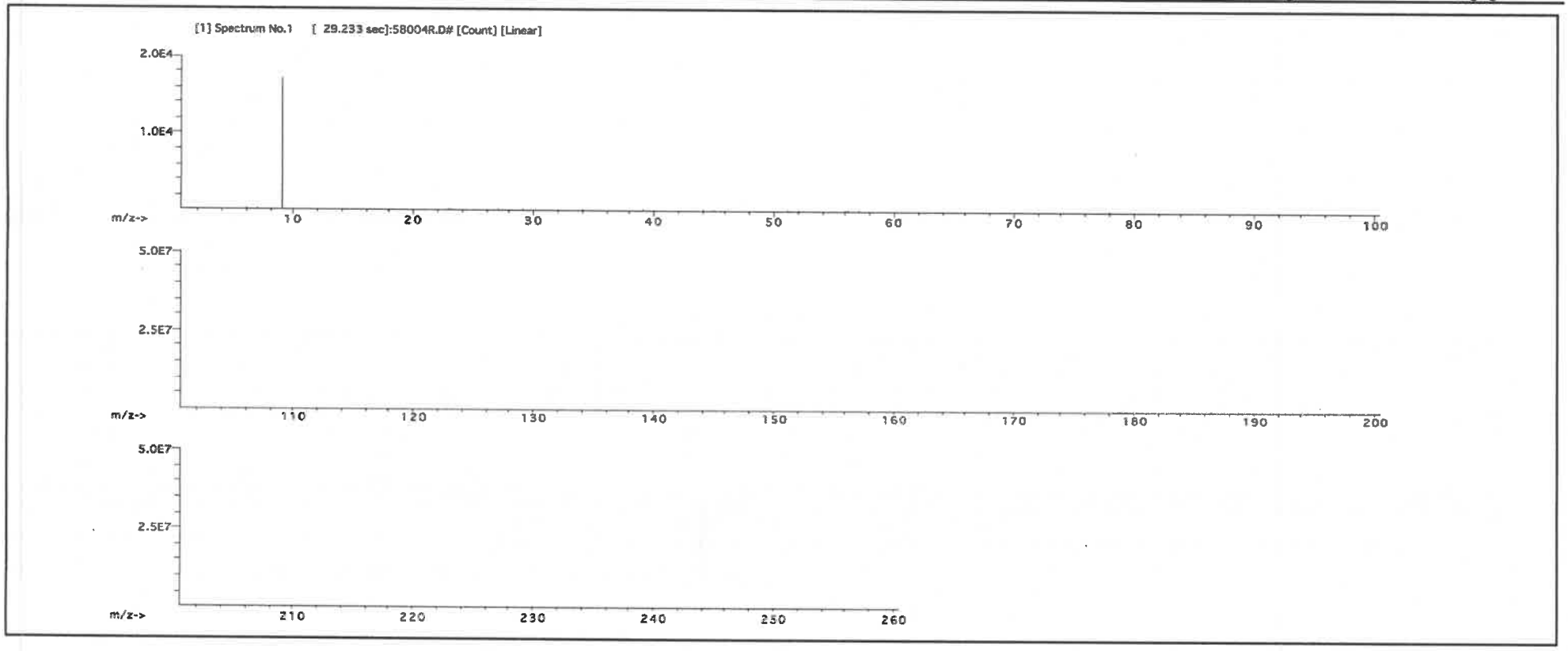
912

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

913

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914

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

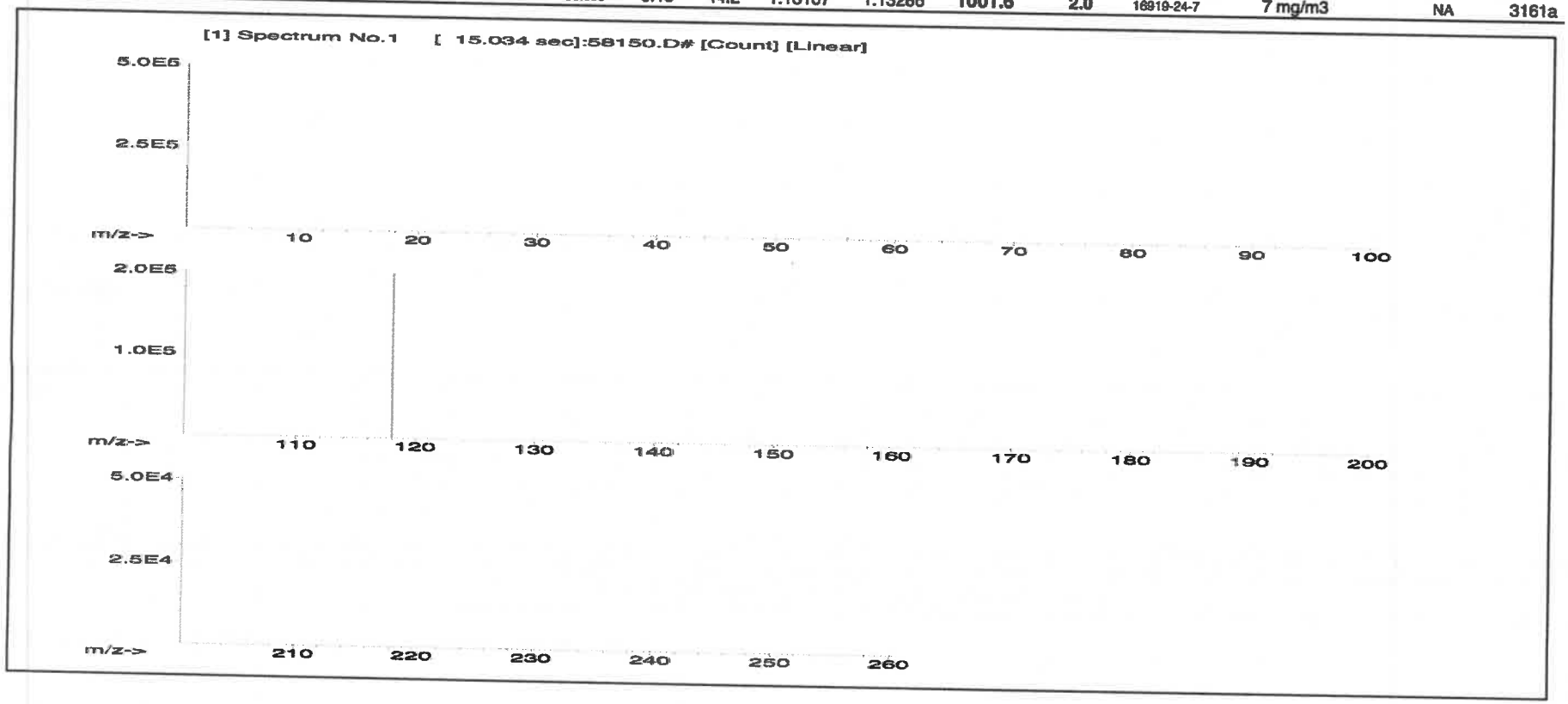
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



915

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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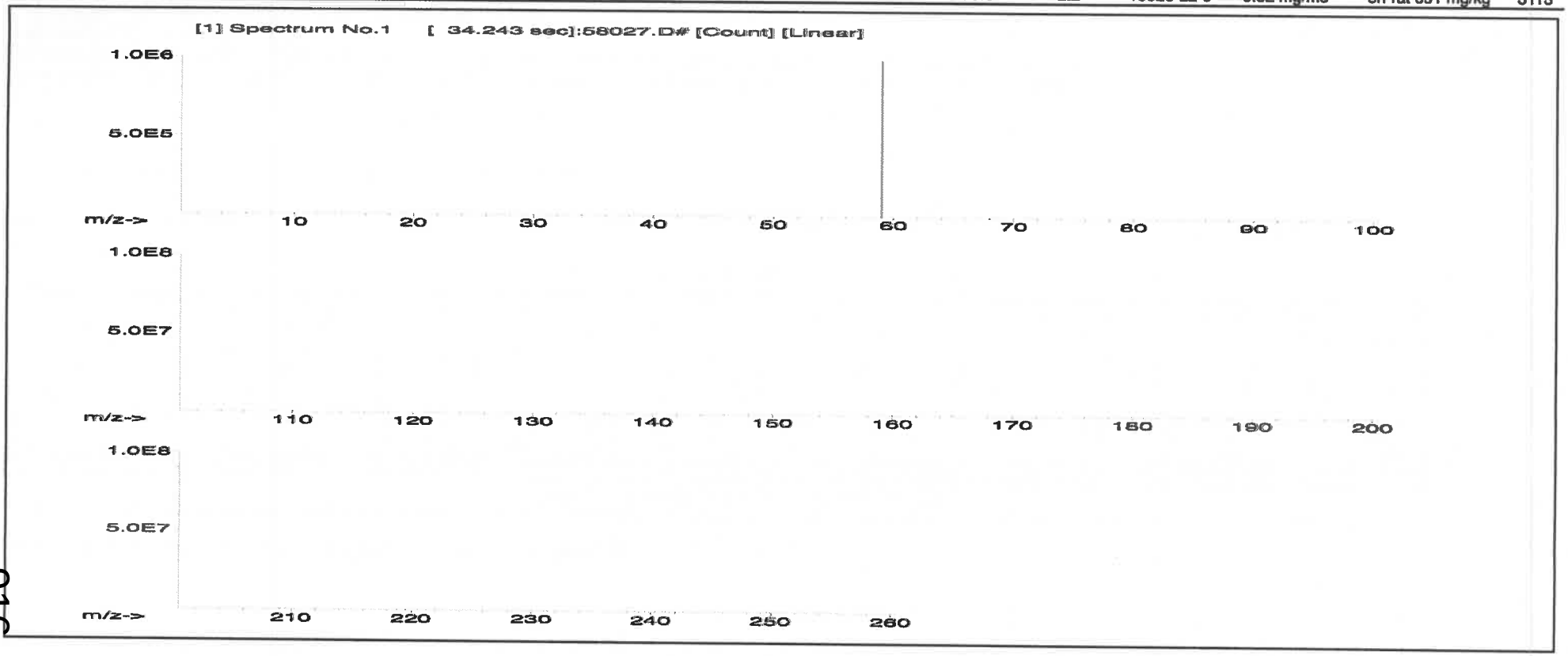
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



916

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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* 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).

917

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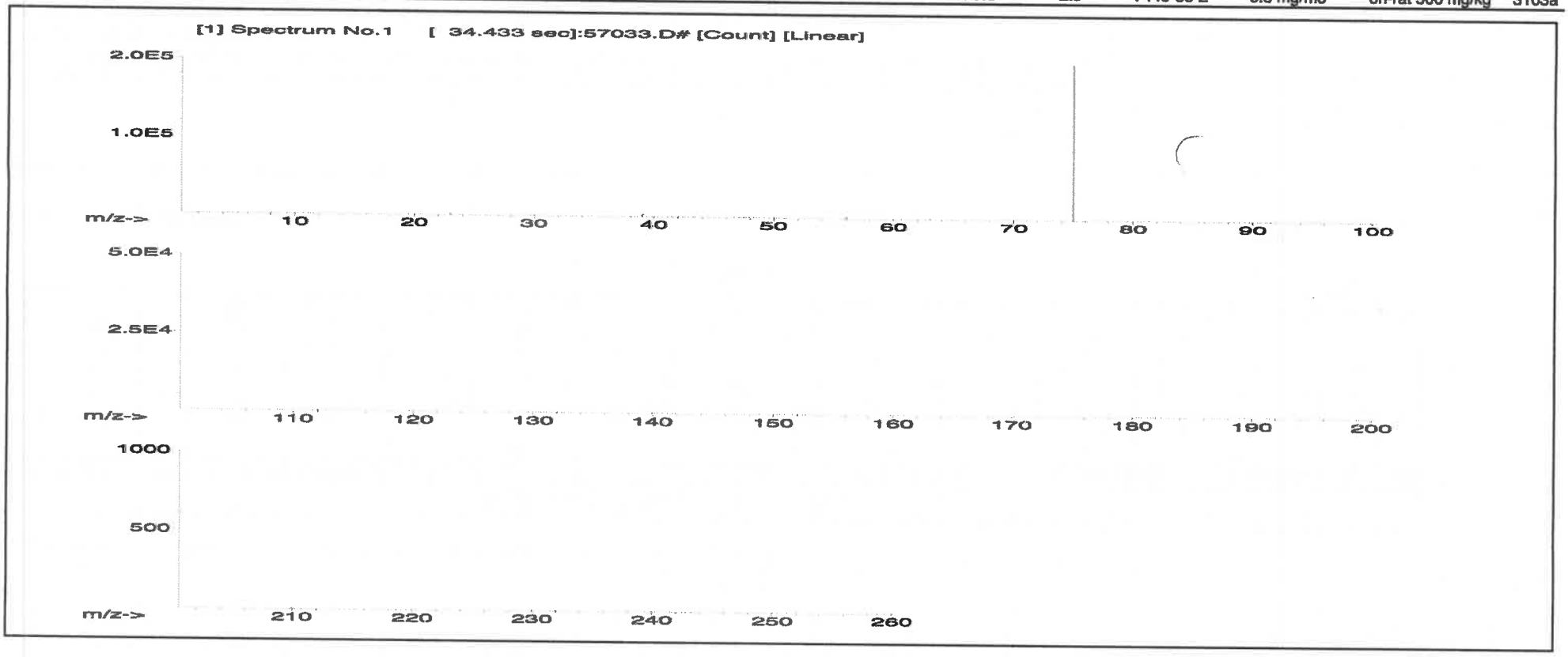
CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

918

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



919

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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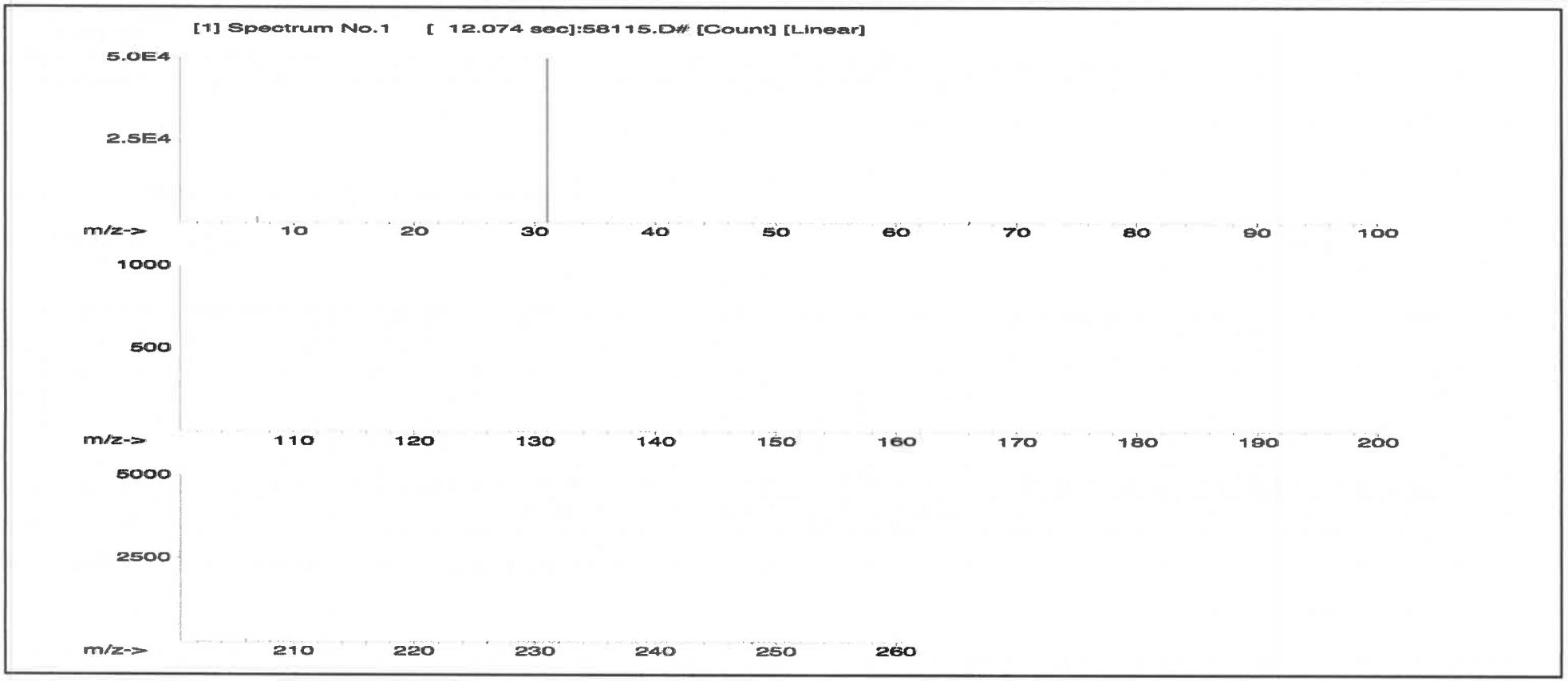
920

CERTIFIED WEIGHT REPORT:

Part Number:	**57115**			
Lot Number:	**041723**			
Description:	**Phosphorous (P)**			
		Solvent:	21110221	Nitric Acid
		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



921

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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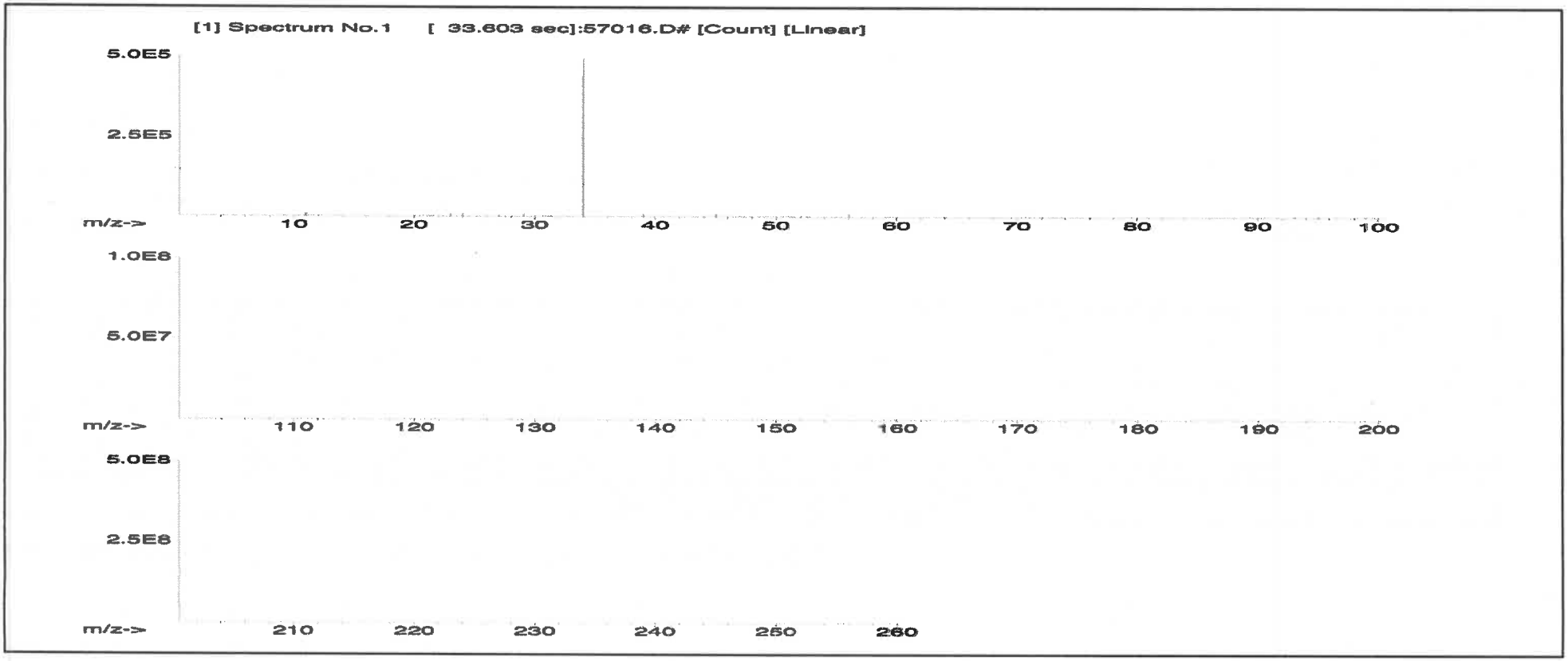
922

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



923

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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924

CERTIFIED WEIGHT REPORT:

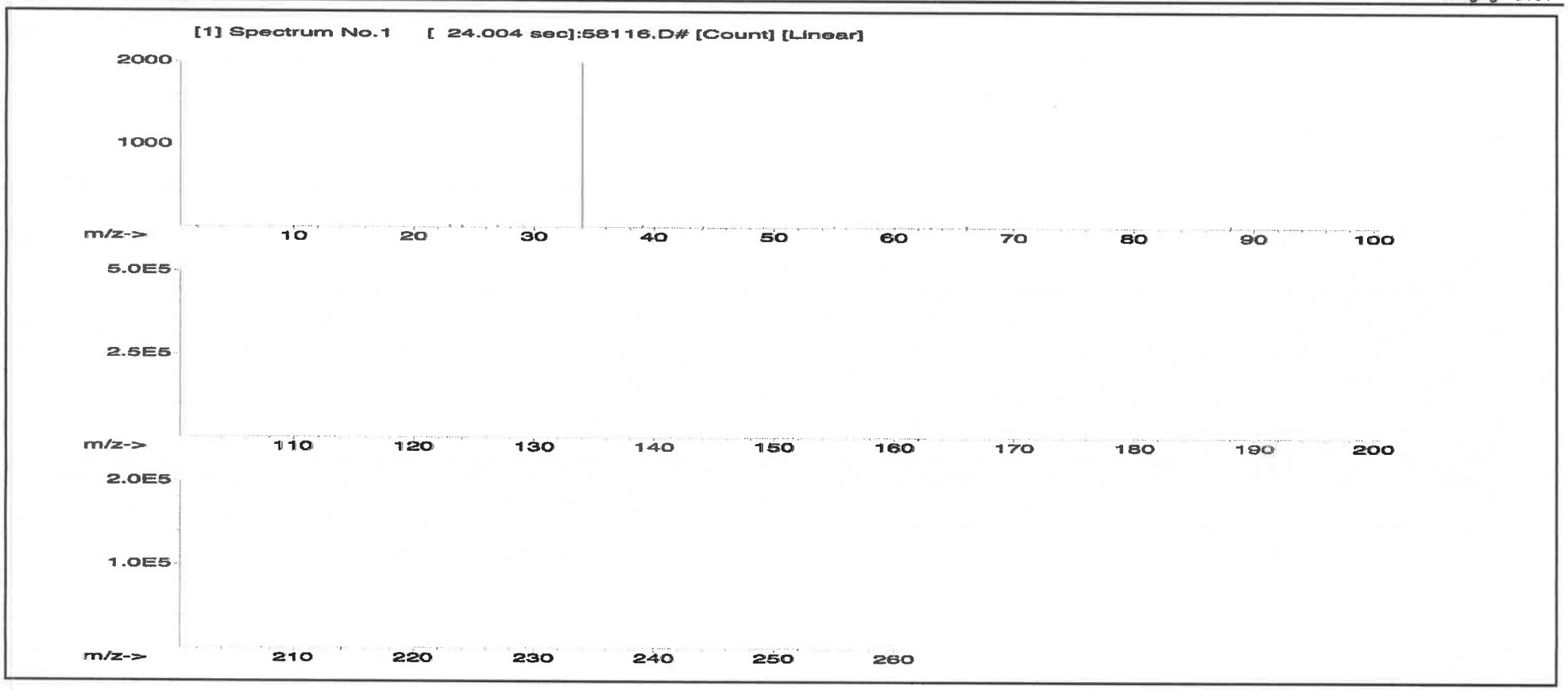
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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



925

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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* 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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Lot #

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926

CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

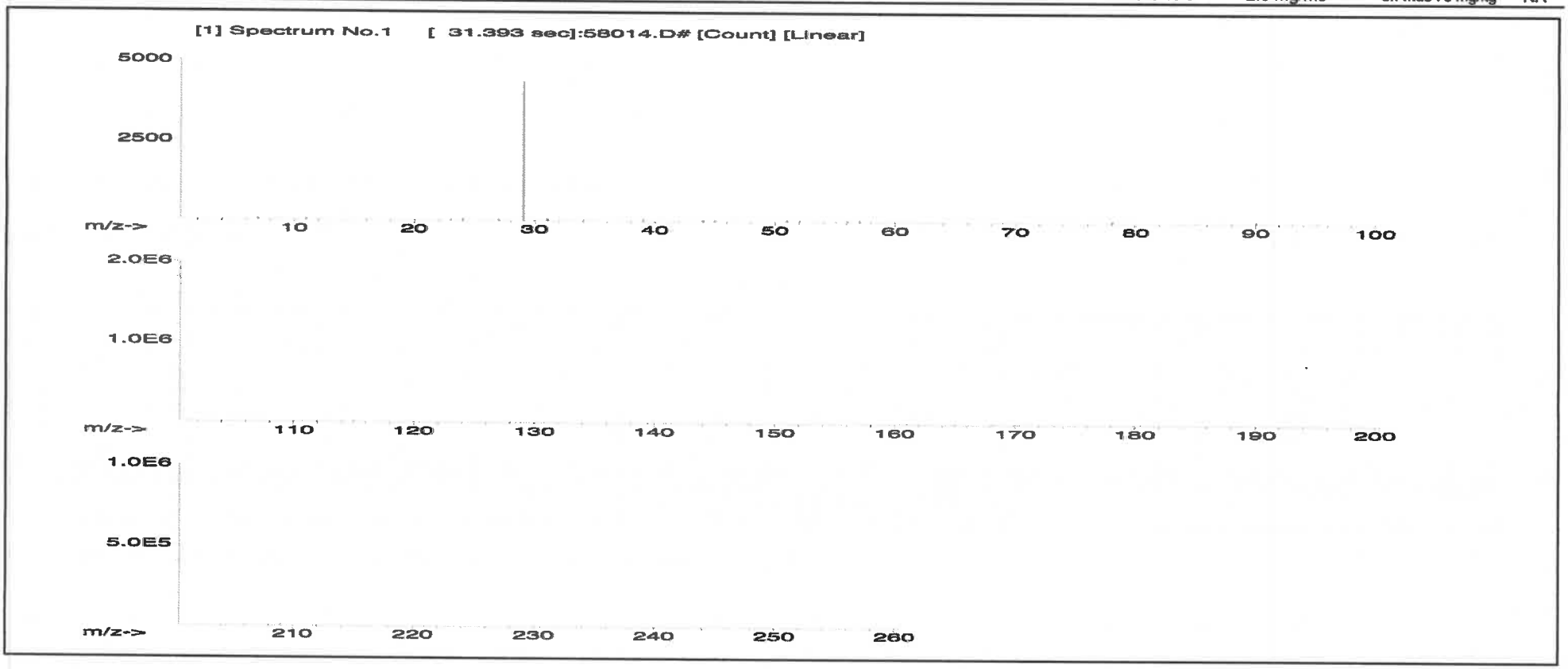
Aleah O'Brady

Formulated By:	Aleah O'Brady	122023

Pedro Rentas

Reviewed By:	Pedro L. Rentas	122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



927

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.

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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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928

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

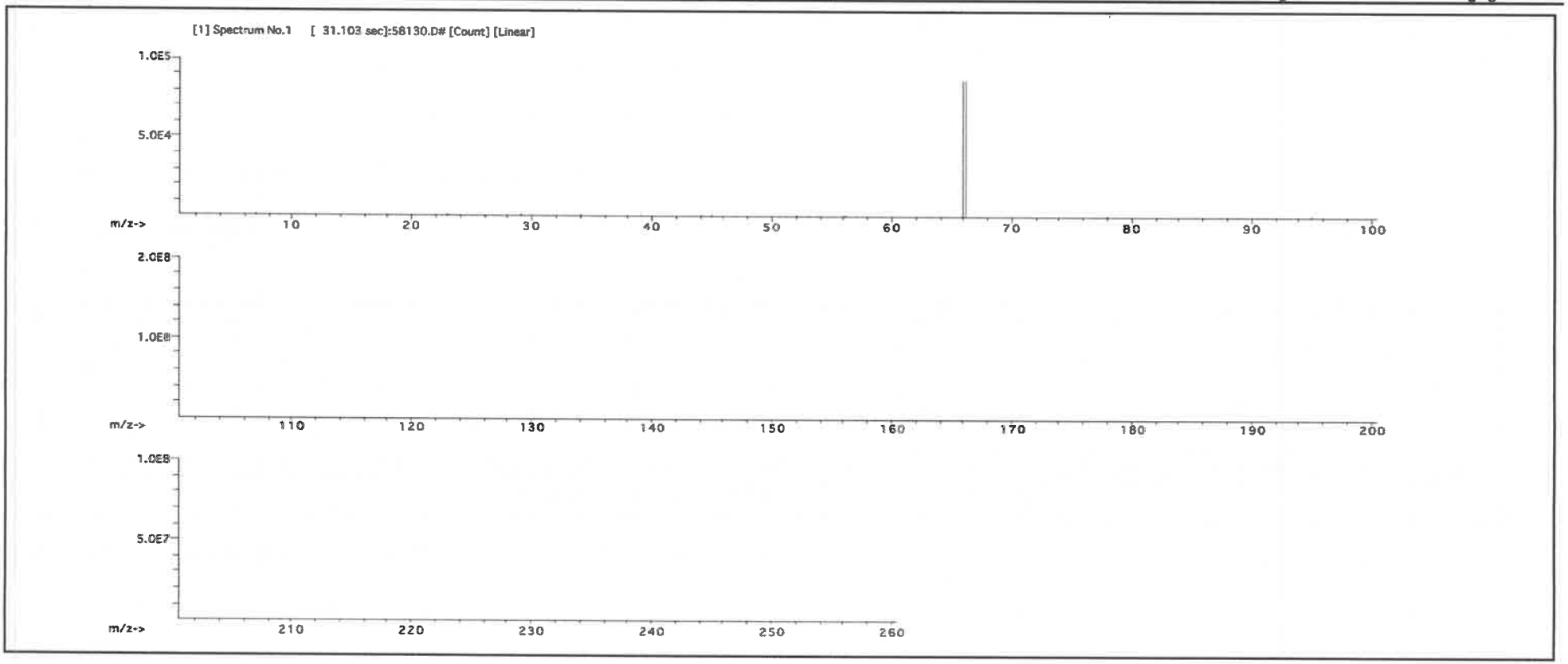
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	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



929

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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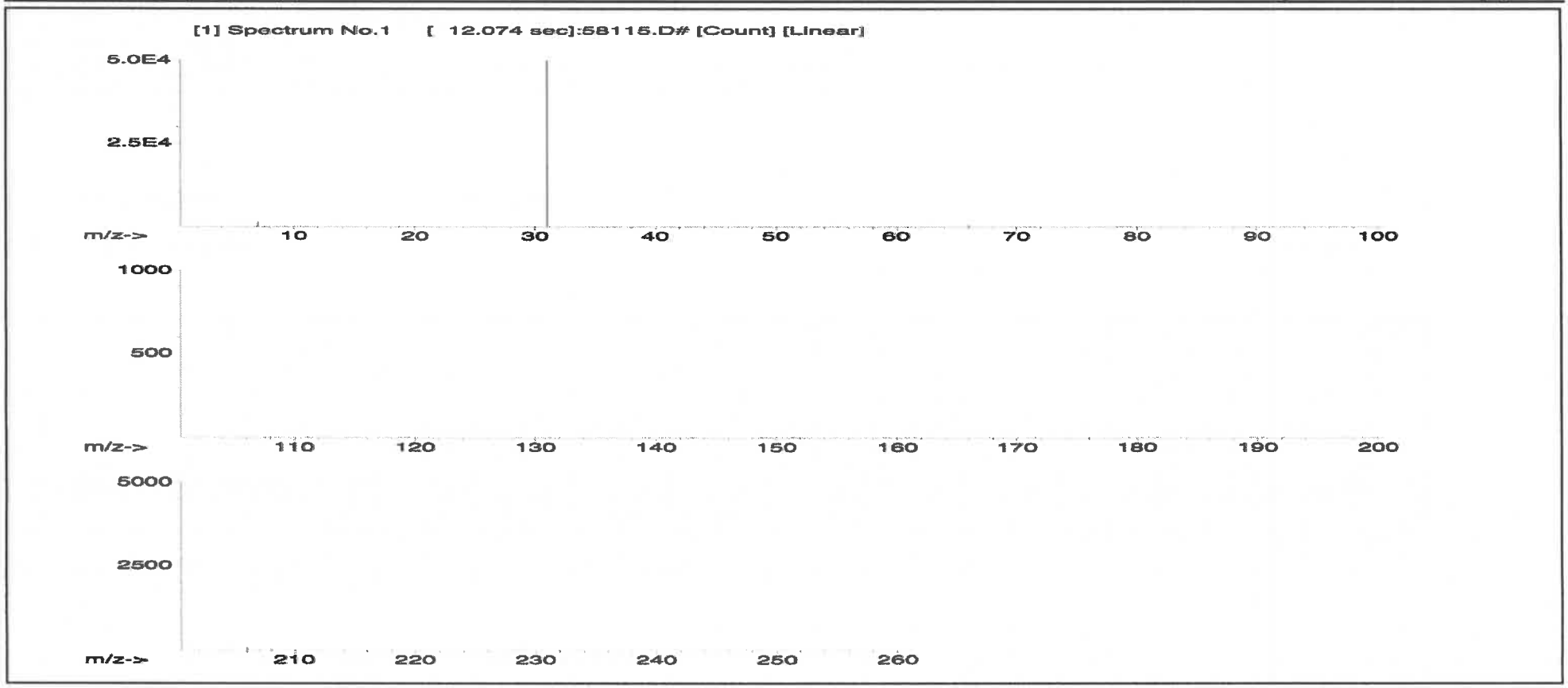
930

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



931

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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* 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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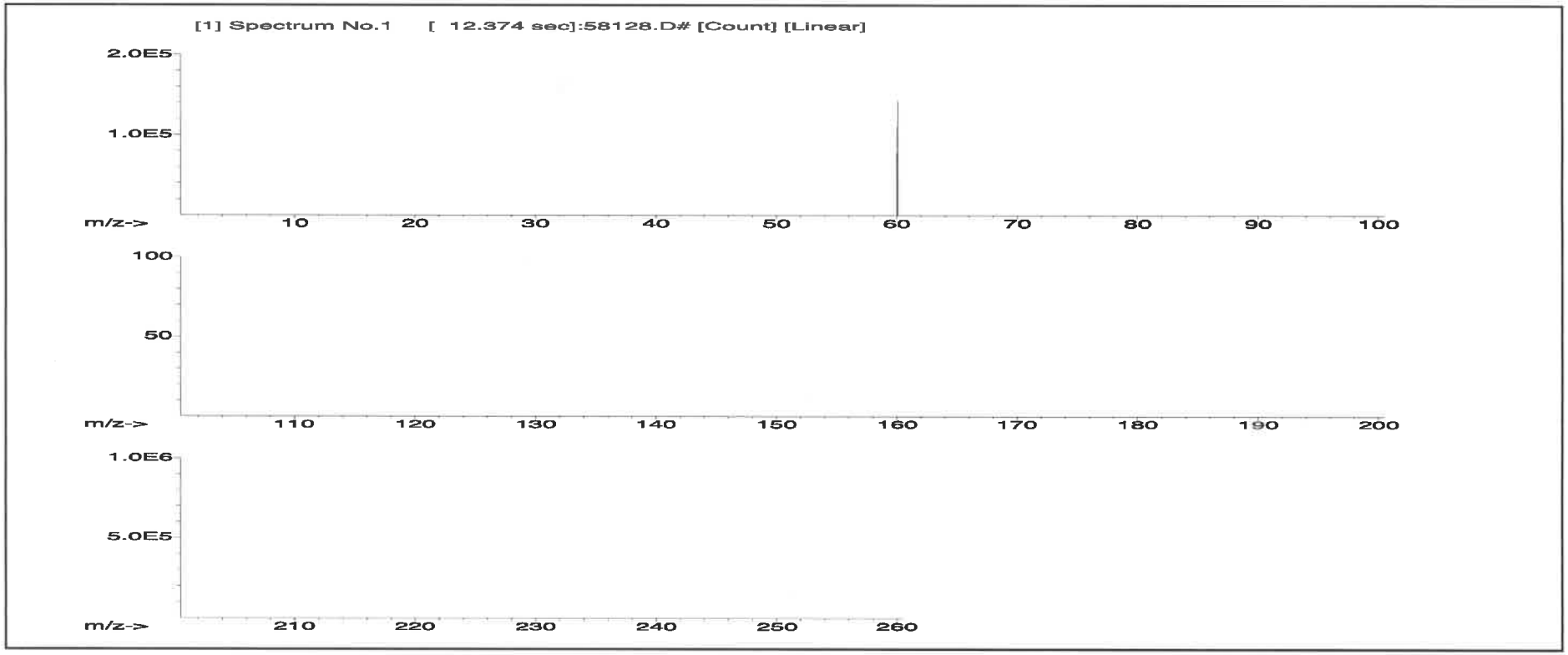
932

CERTIFIED WEIGHT REPORT:

Part Number:	**57028**		**Lot #**		
Lot Number:	**041124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Nickel (Ni)**				
		2%	5.0 (mL)	Nitric Acid	
Expiration Date:	041127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty		

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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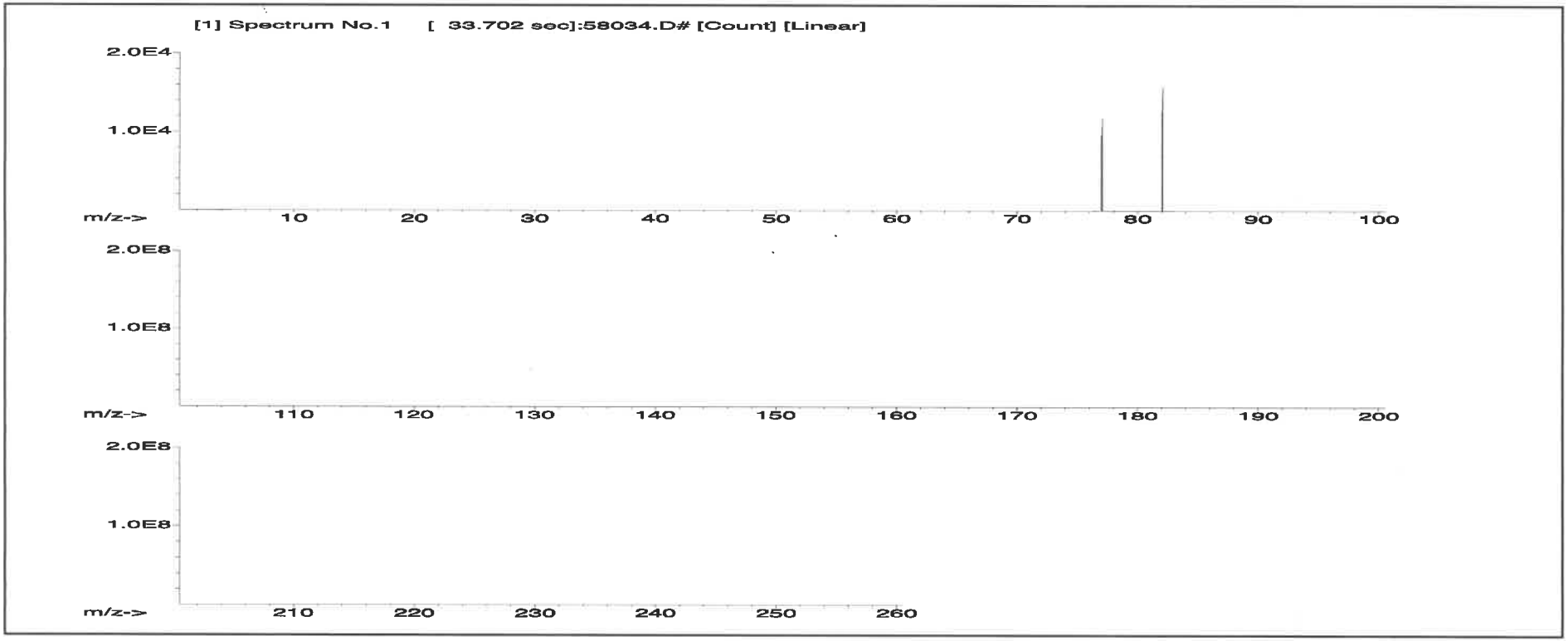
934

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



935

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

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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

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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M5978, M5979

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Certificate of Analysis

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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		

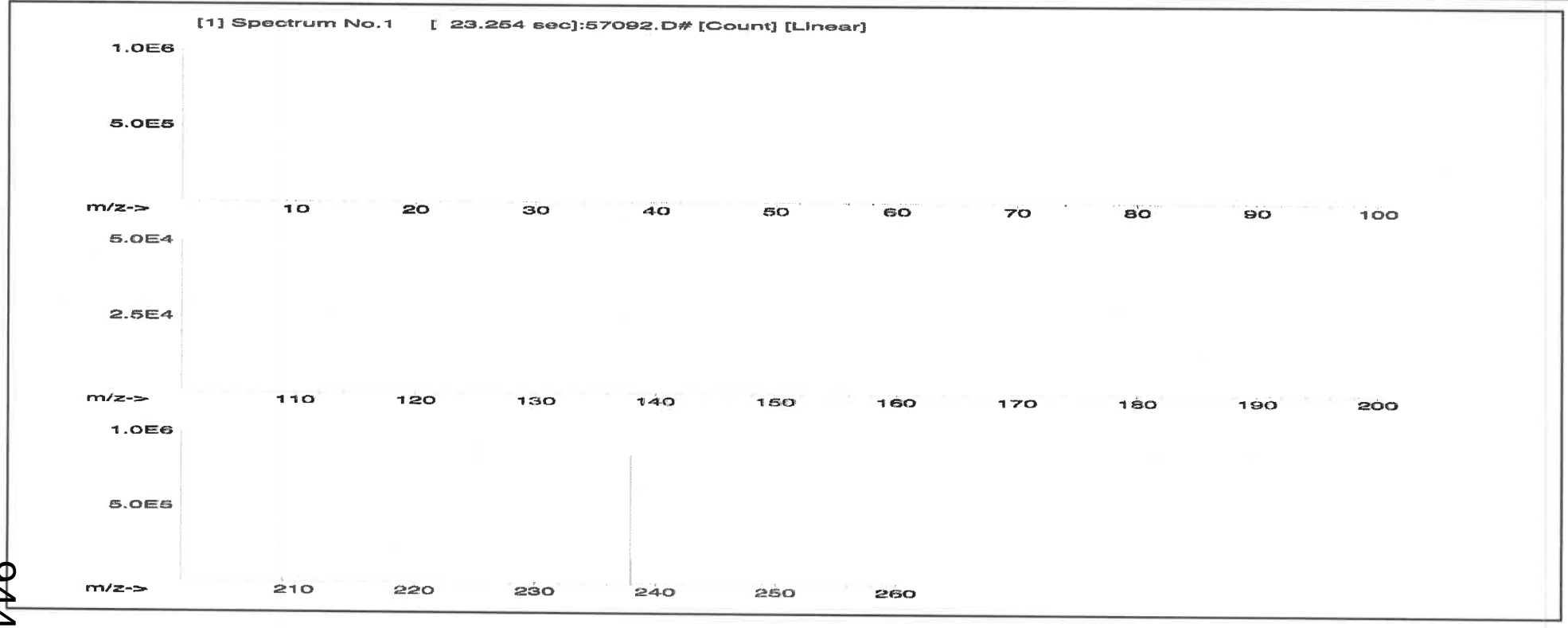
Giovanni Esposito

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



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5983 R: 6/11/24

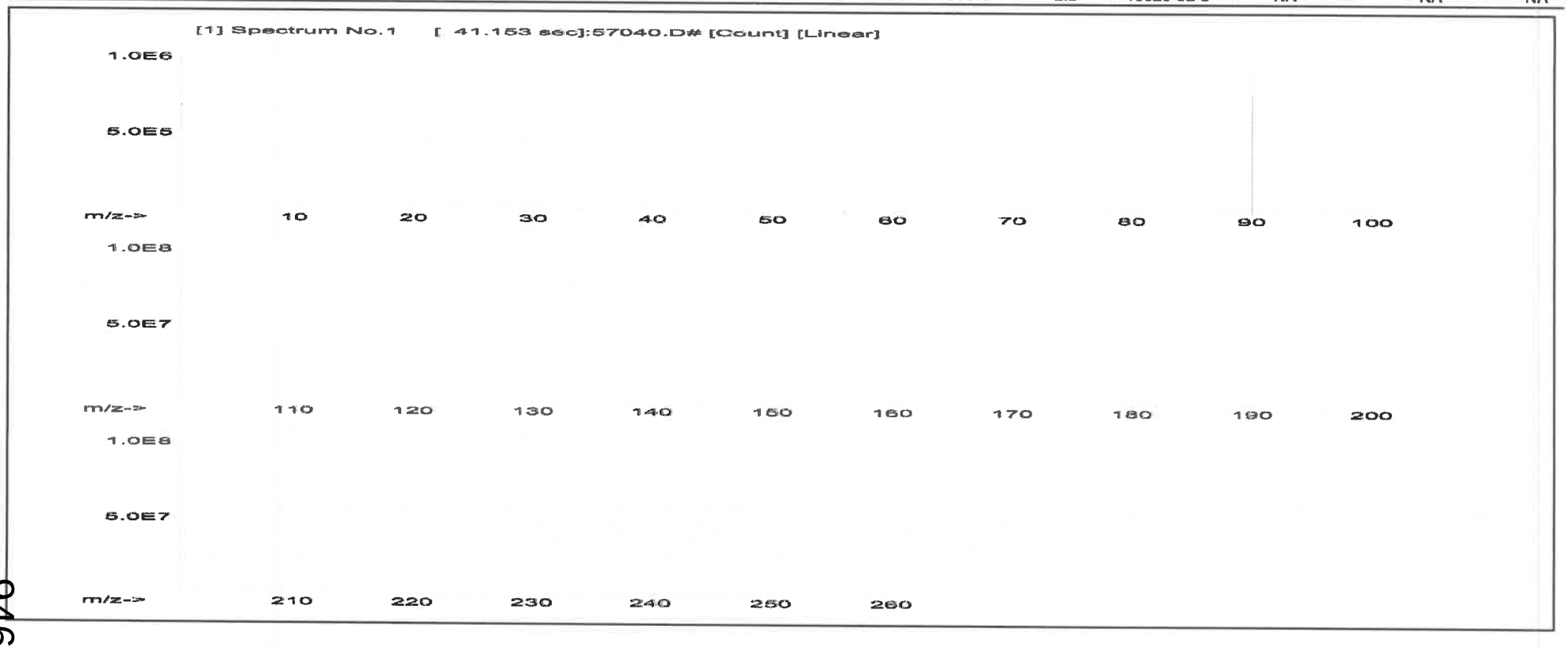
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<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).

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Certificate of Analysis

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F: 540-585-3012
info@inorganicventures.com

R: 2/22/2024
M5999

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt, 250 µg/mL ea: Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

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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

952

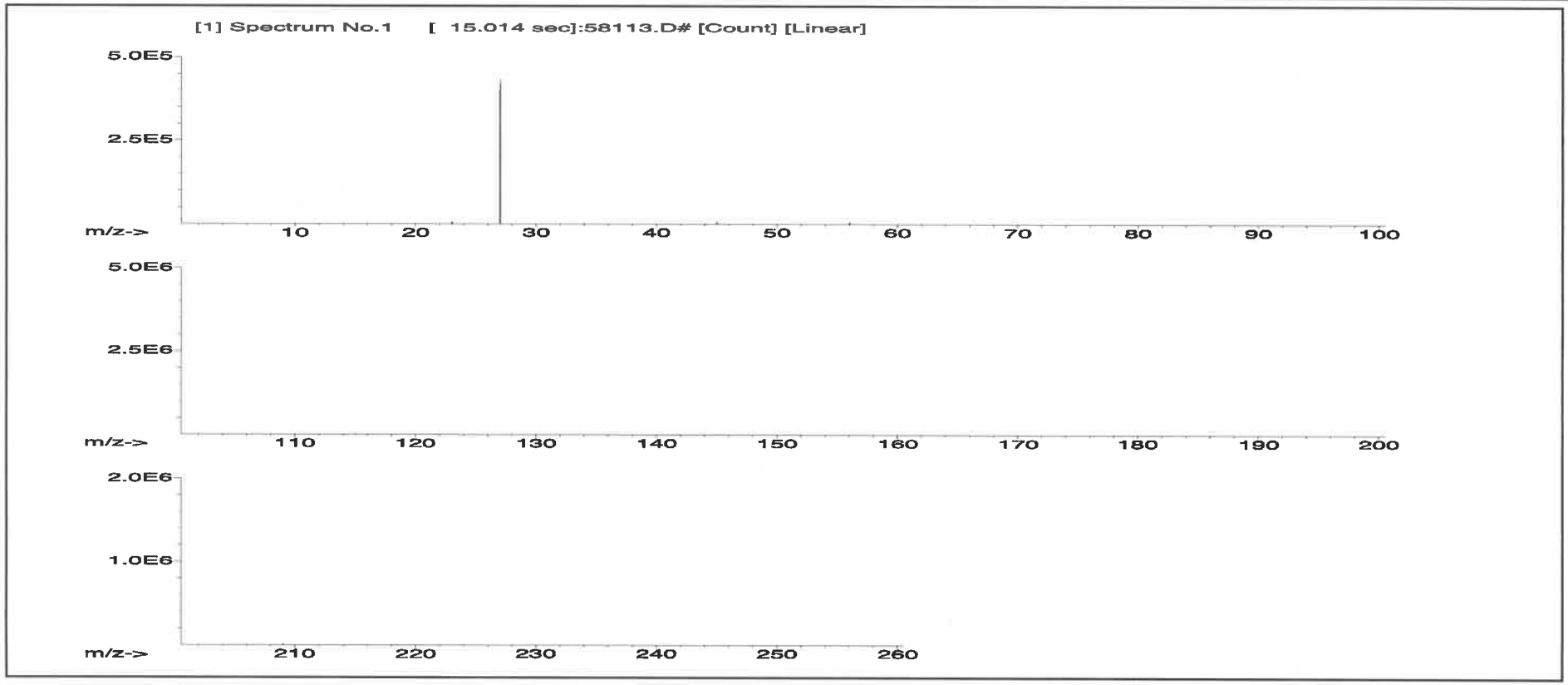
CERTIFIED WEIGHT REPORT:

Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito		
Formulated By:	Giovanni Esposito	011623
Pedro Rentas		
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
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Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
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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:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

R → 10/13/24
Met dig

M 6121

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	1
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.190
ACS – Bromide (Br)	<= 0.005 %	< 0.005
ACS – Extractable Organic Substances	<= 5 ppm	1
ACS – Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities – Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities – Aluminum (Al)	<= 10.0 ppb	< 0.2
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities – Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities – Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities – Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities – Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities – Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities – Calcium (Ca)	<= 50.0 ppb	29.7
Trace Impurities – Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities – Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities – Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities – Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

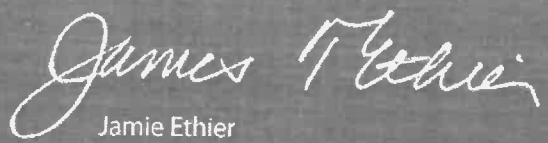
960

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

961

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

M6126

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

964

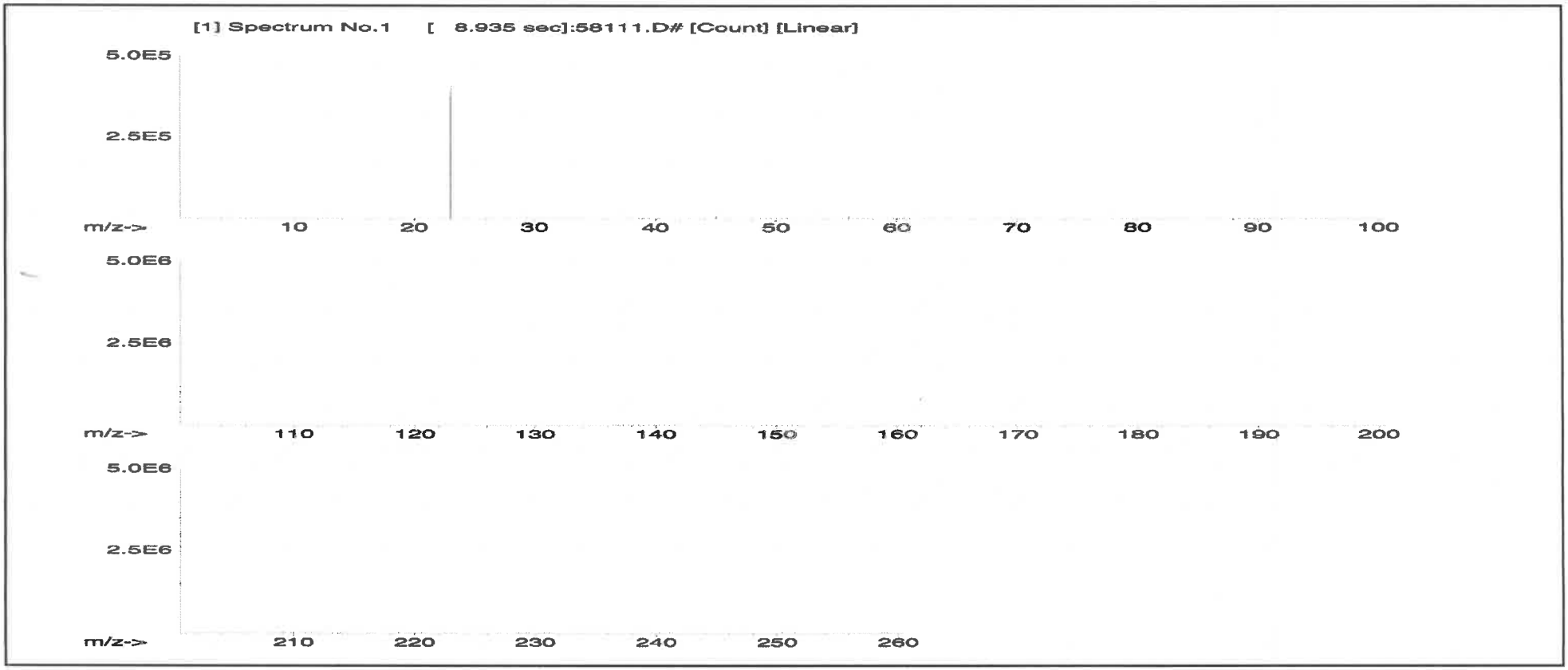
CERTIFIED WEIGHT REPORT:

			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



965

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.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

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APTIM Federal Services, LLC
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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.

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R: 01/03/24 M5802, M5803

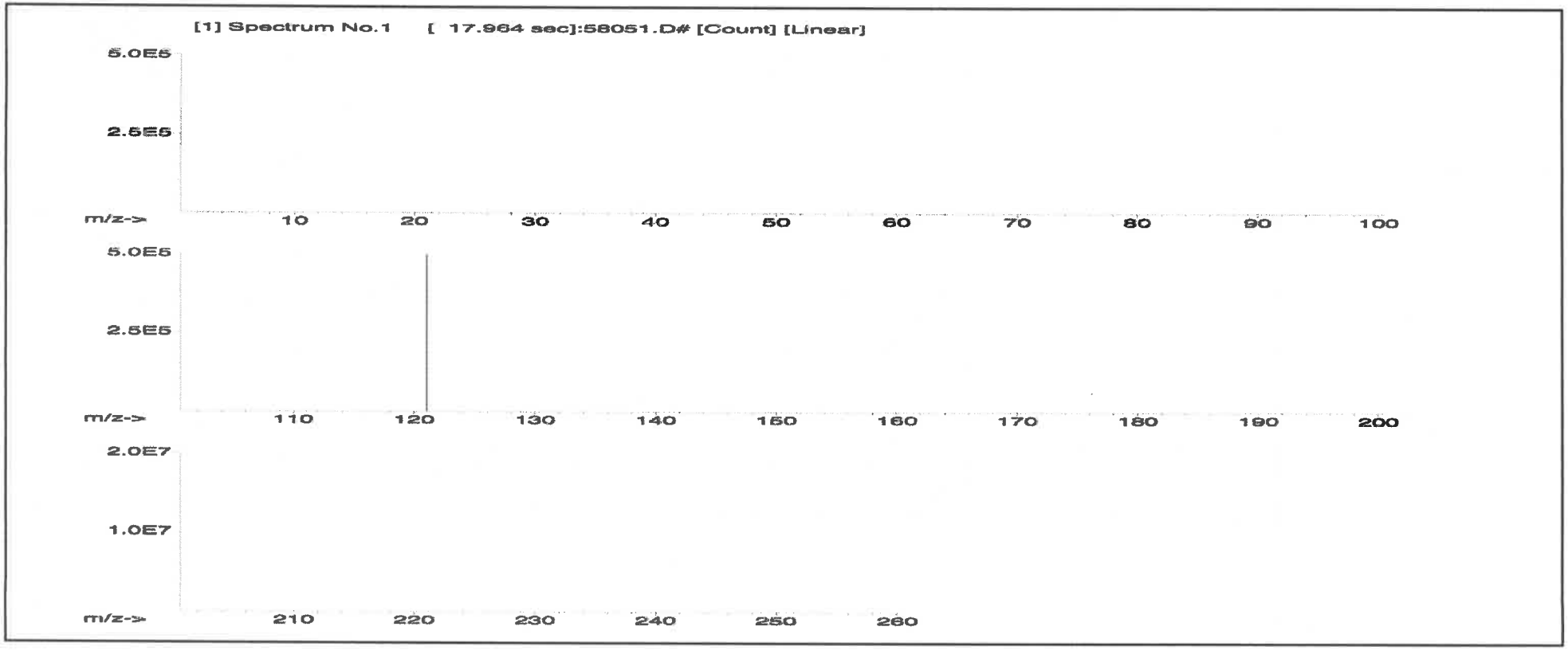
974

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



975

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

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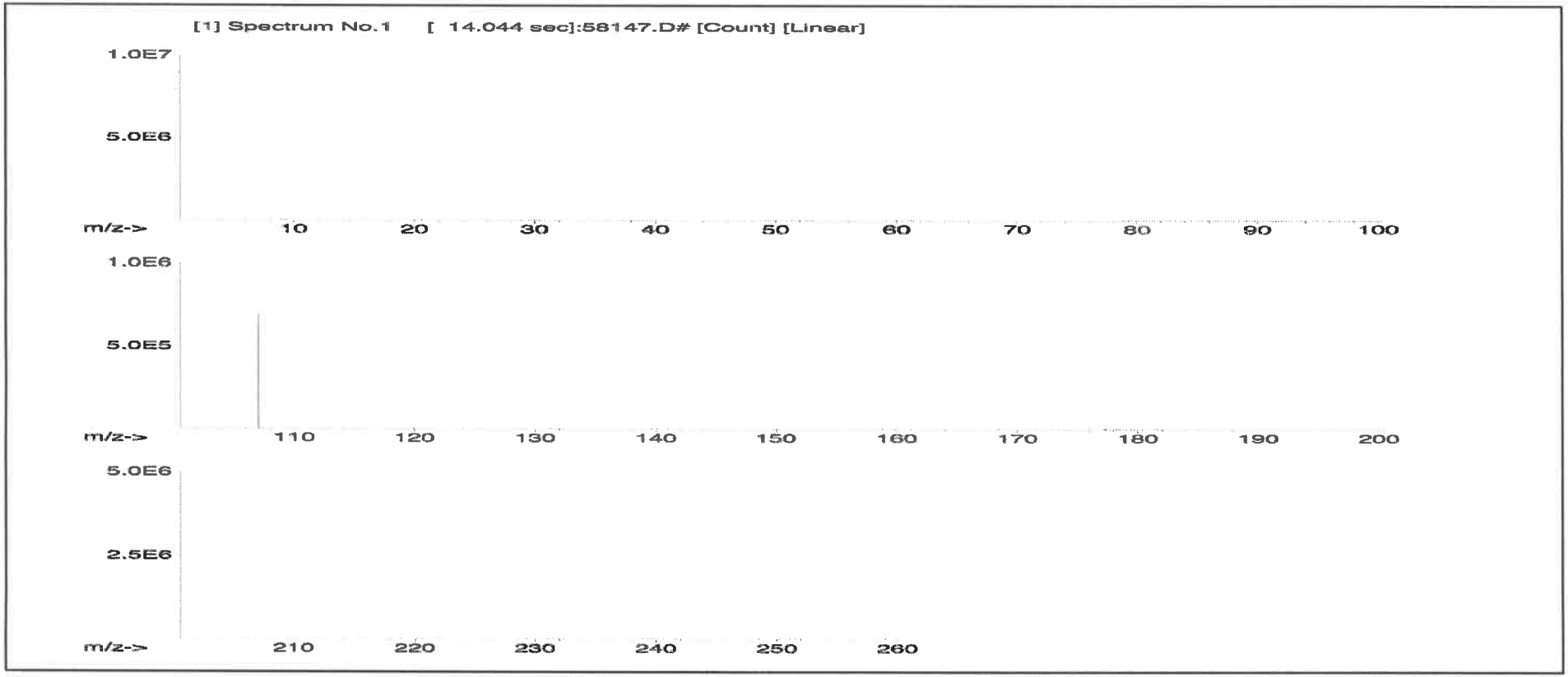
976

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



977

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

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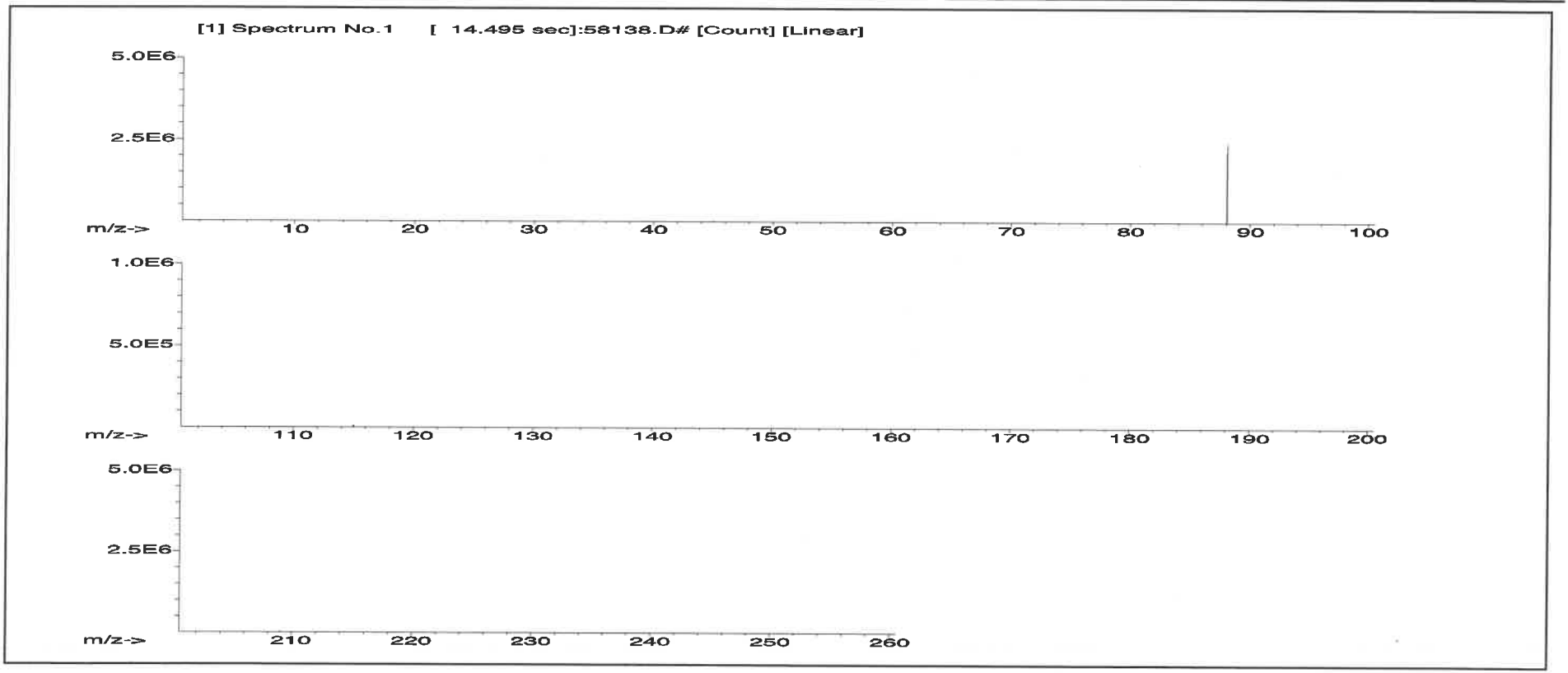
878

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



679

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R ! 8/5/24

M6023

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CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

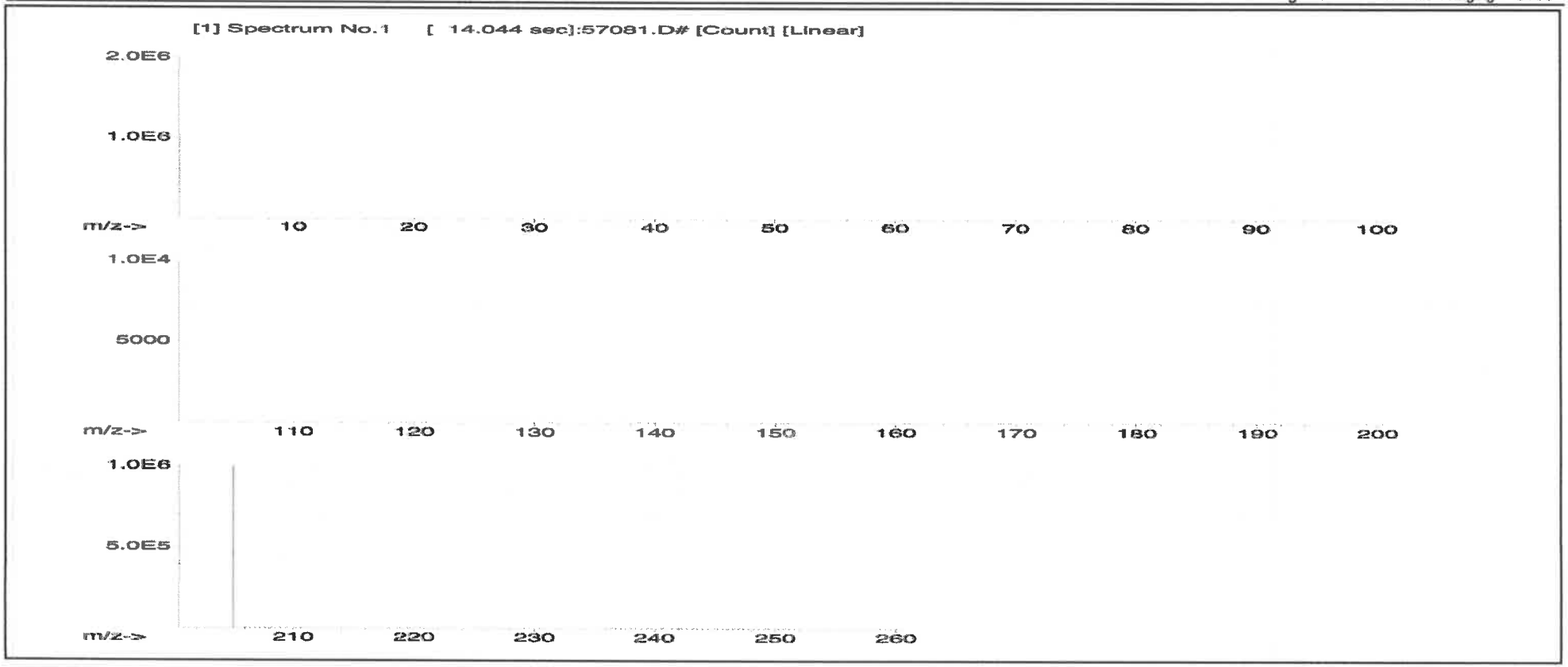
Formulated By:	Aleah O'Brady	062724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062724

980

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



981

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Rc. 8/5/24

982

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	24002546	Nitric Acid	
Lot Number:	**062424**			
Description:	**Vanadium (V)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

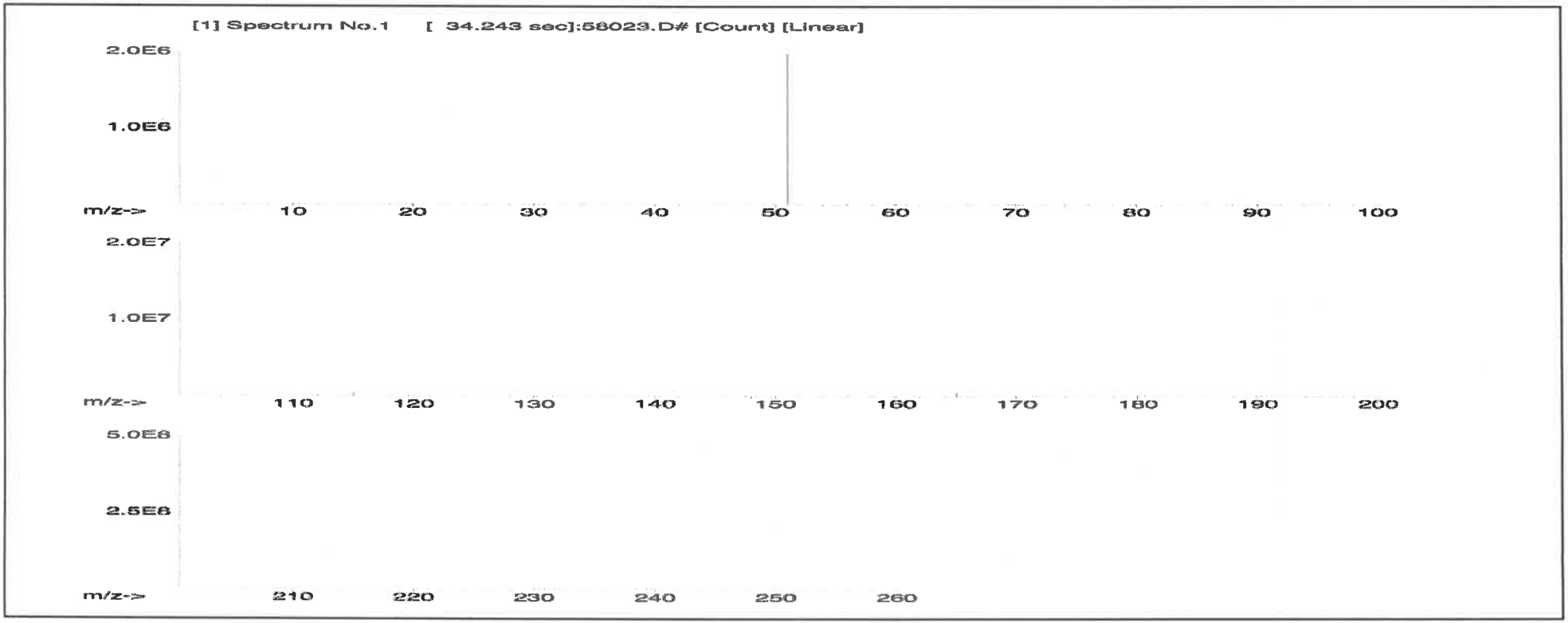
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



983

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB165755

SOP ID : M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

SDG No : MJNL27,MJNL92

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 12/19/2024 **Time :** 10:00 **Temp :** 96 °C

End Digest Date: 12/19/2024 **Time :** 10:35 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: SLS.

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	4.00	MP83498
1.4 HCL SOLN	10.00	MP82128
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 #3 CELL #35 : 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/19/24 11:35	SLS. met digestion	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB165755

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5255-01	MJNL27	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	9
P5255-02	MJNL72	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	10
P5255-03	MJNL72D	N/A	1.11	500	Brown	Yellow	Medium	N/A	N/A	11
P5255-04	MJNL72S	N/A	1.24	500	Brown	Yellow	Medium	N/A	MP83671	12
P5255-05	MJNL93	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	13
P5255-06	MJNL94	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	14
P5256-01	MJNL92	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	15
P5256-02	MJNL92D	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	16
P5256-03	MJNL92S	N/A	1.40	500	Brown	Yellow	Medium	N/A	MP83671	17
PB165755BL	PBS755	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	18
PB165755BS	LCS755	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83669	19

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 # LB134096

Review By	Sarabjit Jaswal	Review On	12/30/2024 2:19:55 AM
Supervise By	Mohan Bera	Supervise On	12/30/2024 2:20:35 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	MP83669
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE001	TUNE	12/26/24 13:05		Jaswal	OK
2	S00	S0	CAL1	12/26/24 13:42		Jaswal	OK
3	S02	S02	CAL3	12/26/24 13:48		Jaswal	OK
4	S03	S03	CAL4	12/26/24 13:52		Jaswal	OK
5	S04	S04	CAL5	12/26/24 13:55		Jaswal	OK
6	S05	S05	CAL6	12/26/24 13:58		Jaswal	OK
7	S06	S06	CAL7	12/26/24 14:00		Jaswal	OK
8	S07	S07	CAL8	12/26/24 14:03		Jaswal	OK
9	S08	S08	CAL9	12/26/24 14:06		Jaswal	OK
10	ICV001	ICV001	ICV	12/26/24 14:32	Inst. paused for calibration review	Jaswal	OK
11	ICB001	ICB001	ICB	12/26/24 14:42	Inst. paused for review	Jaswal	OK
12	ICSA001	ICSA001	ICSA	12/26/24 14:45		Jaswal	OK
13	ICSAB001	ICSAB001	ICSAB	12/26/24 14:48		Jaswal	OK
14	CCV001	CCV001	CCV	12/26/24 14:54	Inst. paused for review	Jaswal	OK
15	CCB001	CCB001	CCB	12/26/24 15:00	Inst. paused for review	Jaswal	OK
16	PB165755BL	PBS755	MB	12/26/24 15:03		Jaswal	OK
17	PB165755BS	LCS755	LCS	12/26/24 15:07		Jaswal	OK
18	PB165818BL	PBS818	MB	12/26/24 15:10		Jaswal	OK

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

19	PB165818BS	LCS818	LCS	12/26/24 15:13		Jaswal	OK
20	PB165819BL	PBS819	MB	12/26/24 15:17		Jaswal	OK
21	PB165819BS	LCS819	LCS	12/26/24 15:20		Jaswal	OK
22	PB165760BL	PBS760	MB	12/26/24 15:23		Jaswal	OK
23	PB165760BS	LCS760	LCS	12/26/24 15:27		Jaswal	OK
24	P5255-01	MJNL27	SAM	12/26/24 15:30		Jaswal	OK
25	P5255-02	MJNL72	SAM	12/26/24 15:33		Jaswal	OK
26	P5255-03	MJNL72D	DUP	12/26/24 15:36		Jaswal	OK
27	P5255-02L	MJNL72L	SD	12/26/24 15:39		Jaswal	OK
28	P5255-04	MJNL72S	MS	12/26/24 15:42	MS Fail For As(25.32ppb)	Jaswal	OK
29	P5255-05	MJNL93	SAM	12/26/24 15:46		Jaswal	OK
30	P5255-06	MJNL94	SAM	12/26/24 15:49		Jaswal	OK
31	P5256-01	MJNL92	SAM	12/26/24 15:52		Jaswal	OK
32	P5256-02	MJNL92D	DUP	12/26/24 15:55		Jaswal	OK
33	P5256-01L	MJNL92L	SD	12/26/24 15:58		Jaswal	OK
34	P5256-03	MJNL92S	MS	12/26/24 16:01		Jaswal	OK
35	PB165821BL	PBS821	MB	12/26/24 16:04	Not Use	Jaswal	Not Ok
36	PB165821BS	LCS821	LCS	12/26/24 16:07	Not Use	Jaswal	Not Ok
37	P5250-06	MJNBZ2	SAM	12/26/24 16:11	Not Use	Jaswal	Not Ok
38	P5250-07	MJNBZ2D	DUP	12/26/24 16:14	Not Use	Jaswal	Not Ok

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Supervise By	Mohan Bera	Supervise On	12/30/2024 2:20:35 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	MP83669
Chk Standard	MP83635,MP83634

39	P5250-06L	MJNBZ2L	SD	12/26/24 16:17	Not Use	Jaswal	Not Ok
40	P5250-08	MJNBZ2S	MS	12/26/24 16:20	Not Use	Jaswal	Not Ok
41	CCV002	CCV002	CCV	12/26/24 16:23		Jaswal	OK
42	CCB002	CCB002	CCB	12/26/24 16:30	Inst. paused for review	Jaswal	OK
43	P5271-06	MJNKC7	SAM	12/26/24 16:33	As High	Jaswal	Dilution
44	P5271-07	MJNKC7D	DUP	12/26/24 16:36	As High	Jaswal	Dilution
45	P5271-06L	MJNKC7L	SD	12/26/24 16:39	As High	Jaswal	Dilution
46	P5271-08	MJNKC7S	MS	12/26/24 16:42	As High	Jaswal	Dilution
47	P5266-18RE	ME2903	SAM	12/26/24 16:45	Not Use	Jaswal	Not Ok
48	P5266-19RE	ME28Y9D	DUP	12/26/24 16:48	Not Use	Jaswal	Not Ok
49	P5266-04LRE	ME28Y9L	SD	12/26/24 16:51	Not Use	Jaswal	Not Ok
50	P5266-20RE	ME28Y9S	MS	12/26/24 16:54	Not Use	Jaswal	Not Ok
51	P5259-04	ME28X0	SAM	12/26/24 16:57		Jaswal	OK
52	P5259-05	ME28X0D	DUP	12/26/24 17:00		Jaswal	OK
53	P5259-04L	ME28X0L	SD	12/26/24 17:04		Jaswal	OK
54	P5259-06	ME28X0S	MS	12/26/24 17:07	MS Fail For AS(17.12ppb),(Sb,Cd,Se,Tl -Below RL)	Jaswal	OK
55	P5266-01	ME28Y6	SAM	12/26/24 17:10		Jaswal	OK
56	P5266-02	ME28Y7	SAM	12/26/24 17:13		Jaswal	OK
57	P5266-03	ME28Y8	SAM	12/26/24 17:16		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134096

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Supervise By	Mohan Bera	Supervise On	12/30/2024 2:20:35 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	MP83669
Chk Standard	MP83635,MP83634

58	P5266-04	ME28Y9	SAM	12/26/24 17:19	Not USe	Jaswal	Not Ok
59	P5266-05	ME28Z0	SAM	12/26/24 17:22		Jaswal	OK
60	P5266-06	ME28Z1	SAM	12/26/24 17:26		Jaswal	OK
61	P5266-07	ME28Z2	SAM	12/26/24 17:29		Jaswal	OK
62	P5266-08	ME28Z3	SAM	12/26/24 17:32		Jaswal	OK
63	P5266-09	ME28Z4	SAM	12/26/24 17:35		Jaswal	OK
64	P5266-10	ME28Z5	SAM	12/26/24 17:38		Jaswal	OK
65	P5266-11	ME28Z6	SAM	12/26/24 17:41		Jaswal	OK
66	P5266-12	ME28Z7	SAM	12/26/24 17:44		Jaswal	OK
67	P5266-13	ME28Z8	SAM	12/26/24 17:47		Jaswal	OK
68	CCV003	CCV003	CCV	12/26/24 17:51		Jaswal	OK
69	CCB003	CCB003	CCB	12/26/24 17:53		Jaswal	OK
70	P5266-14	ME28Z9	SAM	12/26/24 17:58		Jaswal	OK
71	P5266-15	ME2900	SAM	12/26/24 18:01		Jaswal	OK
72	P5266-16	ME2901	SAM	12/26/24 18:05		Jaswal	OK
73	P5259-01	ME28W7	SAM	12/26/24 18:11		Jaswal	OK
74	P5259-02	ME28W8	SAM	12/26/24 18:14		Jaswal	OK
75	P5259-03	ME28W9	SAM	12/26/24 18:17		Jaswal	OK
76	P5259-07	ME28X1	SAM	12/26/24 18:20		Jaswal	OK
77	P5259-08	ME28X2	SAM	12/26/24 18:23		Jaswal	OK

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STD. NAME	STD REF.#
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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

78	P5259-09	ME28X3	SAM	12/26/24 18:27		Jaswal	OK
79	P5259-10	ME28X4	SAM	12/26/24 18:30		Jaswal	OK
80	P5259-11	ME28X5	SAM	12/26/24 18:33		Jaswal	OK
81	P5259-12	ME28X6	SAM	12/26/24 18:36		Jaswal	OK
82	P5259-13	ME28X7	SAM	12/26/24 18:39		Jaswal	OK
83	P5259-14	ME28X8	SAM	12/26/24 18:42		Jaswal	OK
84	P5259-15	ME28X9	SAM	12/26/24 18:45		Jaswal	OK
85	P5259-16	ME28Y0	SAM	12/26/24 18:49		Jaswal	OK
86	P5259-17	ME28Y1	SAM	12/26/24 18:52		Jaswal	OK
87	P5259-18	ME28Y2	SAM	12/26/24 18:55		Jaswal	OK
88	P5259-19	ME28Y3	SAM	12/26/24 18:58		Jaswal	OK
89	P5259-20	ME28Y4	SAM	12/26/24 19:01		Jaswal	OK
90	P5259-21	ME28Y5	SAM	12/26/24 19:04		Jaswal	OK
91	P5271-01	MJNKB7	SAM	12/26/24 19:07		Jaswal	OK
92	P5271-02	MJNKB8	SAM	12/26/24 19:11		Jaswal	OK
93	P5271-03	MJNKC0	SAM	12/26/24 19:14		Jaswal	OK
94	P5271-04	MJNKC5	SAM	12/26/24 19:17	As High	Jaswal	Dilution
95	P5271-05	MJNKC6	SAM	12/26/24 19:20		Jaswal	OK
96	CCV004	CCV004	CCV	12/26/24 19:26		Jaswal	OK
97	CCB004	CCB004	CCB	12/26/24 19:28		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134096

Review By	Sarabjit Jaswal	Review On	12/30/2024 2:19:55 AM
Supervise By	Mohan Bera	Supervise On	12/30/2024 2:20:35 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	MP83669
Chk Standard	MP83635,MP83634

98	P5271-09	MJNKC8	SAM	12/26/24 19:32	As High	Jaswal	Dilution
99	P5271-10	MJNKC9	SAM	12/26/24 19:35		Jaswal	OK
100	P5271-11	MJNKH2	SAM	12/26/24 19:38		Jaswal	OK
101	P5271-12	MJNKH3	SAM	12/26/24 19:41		Jaswal	OK
102	P5271-13	MJNKH4	SAM	12/26/24 19:44		Jaswal	OK
103	P5271-14	MJNKH5	SAM	12/26/24 19:47		Jaswal	OK
104	P5271-15	MJNKH6	SAM	12/26/24 19:50		Jaswal	OK
105	P5271-16	MJNKH7	SAM	12/26/24 19:53		Jaswal	OK
106	P5271-17	MJNKH8	SAM	12/26/24 19:57		Jaswal	OK
107	P5271-18	MJNKJ2	SAM	12/26/24 20:00		Jaswal	OK
108	P5271-19	MJNKJ3	SAM	12/26/24 20:03		Jaswal	OK
109	P5271-20	MJNKJ4	SAM	12/26/24 20:06		Jaswal	OK
110	P5271-21	MJNKJ5	SAM	12/26/24 20:09		Jaswal	OK
111	P5271-06DL	MJNKC7	SAM	12/26/24 20:12	2X For As	Jaswal	Confirms
112	P5271-07DL	MJNKC7D	DUP	12/26/24 20:15	2X For As	Jaswal	Confirms
113	P5271-06LDL	MJNKC7L	SD	12/26/24 20:18	10X For As	Jaswal	Confirms
114	P5271-08DL	MJNKC7S	MS	12/26/24 20:21	2X For As	Jaswal	Confirms
115	P5266-18	ME2903	SAM	12/26/24 20:24	Not Use	Jaswal	Not Ok
116	P5266-19	ME28Y9D	DUP	12/26/24 20:27	Not Use	Jaswal	Not Ok
117	P5266-04L	ME28Y9L	SD	12/26/24 20:30	Not Use	Jaswal	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134096

Review By	Sarabjit Jaswal	Review On	12/30/2024 2:19:55 AM
Supervise By	Mohan Bera	Supervise On	12/30/2024 2:20:35 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	MP83669
Chk Standard	MP83635,MP83634

118	P5266-20	ME28Y9S	MS	12/26/24 20:34	Not Use	Jaswal	Not Ok
119	P5266-18DL	ME2903	SAM	12/26/24 20:37	Not Use	Jaswal	Not Ok
120	P5266-19DL	ME28Y9D	DUP	12/26/24 20:40	Not Use	Jaswal	Not Ok
121	P5266-04LDL	ME28Y9L	SD	12/26/24 20:43	Not Use	Jaswal	Not Ok
122	P5266-20DL	ME28Y9S	MS	12/26/24 20:46	Not Use	Jaswal	Not Ok
123	P5271-04DL	MJNKC5	SAM	12/26/24 20:49	5X For As	Jaswal	Confirms
124	CCV005	CCV005	CCV	12/26/24 20:52		Jaswal	OK
125	CCB005	CCB005	CCB	12/26/24 20:55		Jaswal	OK
126	P5255-02A	MJNL72A	PS	12/26/24 20:58	Not Use	Jaswal	Not Ok
127	P5256-01A	MJNL92A	PS	12/26/24 21:01	Not Use	Jaswal	Not Ok
128	P5259-04A	ME28X0A	PS	12/26/24 21:04	Not Use	Jaswal	Not Ok
129	P5271-06A	MJNKC7A	PS	12/26/24 21:07	Not Use	Jaswal	Not Ok
130	P5271-09DL	MJNKC8	SAM	12/26/24 21:10	2X for As	Jaswal	Confirms
131	CCV006	CCV006	CCV	12/26/24 21:13		Jaswal	OK
132	CCB006	CCB006	CCB	12/26/24 21:16		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: 10DEC24
ACTWGT: 50.00 LB
CAD: 105505917/INET4535
DIMS: 24x14x14 IN

BILL SENDER

Cooler 10

TO **MOHAMMAD AHMED**
ALLIANCE TECHNICAL (CLP LAB)
284 SHEFFIELD STREET MOUNTAINSIDE

12-11-24
9:48
2 of 2

MOUNTAINSIDE NJ 07092
(908) 728-3151
INV:
PO: ASARCO / E. GRIFFITHS

REF: 03856100.B.PN.ODC.01.6-2
DEPT:

58CJ4/EB78/C6C4

J244024091001uv

FedEx Express

TRK# 0201 **7706 5594 5660**

WED - 11 DEC 12:00P
PRIORITY OVERNIGHT

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284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P5256	Order Date :	12/11/2024 9:40:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51821	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	12/11/2024 9:40:00 AM	EDD Type :	EPA CLP
Date Sign Off :	12/13/2024 10:26:38 AM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P5256-01	MJNL92	Solid	12/03/2024						
				Metals CLP4 MS		SFAM_MS	15	01/01/2025	01/01/2025
				Percent Solids		Chemtech -SOP	15	01/01/2025	01/01/2025
P5256-02	MJNL92D	Solid	12/03/2024						
				Metals CLP4 MS		SFAM_MS	15	01/01/2025	01/01/2025
				Percent Solids		Chemtech -SOP	15	01/01/2025	01/01/2025
P5256-03	MJNL92S	Solid	12/03/2024						
				Metals CLP4 MS		SFAM_MS	15	01/01/2025	01/01/2025
				Percent Solids		Chemtech -SOP	15	01/01/2025	01/01/2025

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB165755 **WorkList ID :** 186481 **Department :** Digestion **Date :** 12-19-2024 09:11:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5255-01	MJNL27	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C12	12/05/2024	SFAM_MS
P5255-02	MJNL72	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C12	12/03/2024	SFAM_MS
P5255-03	MJNL72D	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C12	12/03/2024	SFAM_MS
P5255-04	MJNL72S	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C12	12/03/2024	SFAM_MS
P5255-05	MJNL93	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C12	12/03/2024	SFAM_MS
P5255-06	MJNL94	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C12	12/03/2024	SFAM_MS
P5256-01	MJNL92	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C12	12/03/2024	SFAM_MS
P5256-02	MJNL92D	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C13	12/03/2024	SFAM_MS
P5256-03	MJNL92S	Solid	Metals CLP4 MS	Cool 4 deg C	USEP01	C13	12/03/2024	SFAM_MS

566

Date/Time 12/19/2024 9:35

Raw Sample Received by: SLD. mct direction

Raw Sample Relinquished by: SR

Date/Time 12/19/24 10:35

Raw Sample Received by: SR

Raw Sample Relinquished by: SLD. mct direction