EPA SAMPLE NO.

MJNKD0

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-01

% Solids: 69.7 Date Received: 12/10/2024

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	1000	D	12/23/2024	1408
7440-50-8	Copper	660		12/21/2024	1753
7439-92-1	Lead	1000		12/21/2024	1753
7440-66-6	Zinc	4500		12/21/2024	1753

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

Comments:

EPA SAMPLE NO.

MJNKD1

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-04

% Solids: 79.3 Date Received: 12/10/2024

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	15		12/21/2024	1930
7440-50-8	Copper	16		12/21/2024	1930
7439-92-1	Lead	4.8		12/21/2024	1930
7440-66-6	Zinc	42		12/21/2024	1930

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

Comments:

EPA SAMPLE NO.

MJNKE0

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-05

% Solids: 75.3 Date Received: 12/10/2024

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	220		12/21/2024	1933
7440-50-8	Copper	210		12/21/2024	1933
7439-92-1	Lead	310		12/21/2024	1933
7440-66-6	Zinc	1500		12/21/2024	1933

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

Comments:

EPA SAMPLE NO.

MJNKE1

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-06

% Solids: 83.3 Date Received: 12/10/2024

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	9.7		12/21/2024	1936
7440-50-8	Copper	18		12/21/2024	1936
7439-92-1	Lead	18		12/21/2024	1936
7440-66-6	Zinc	110		12/21/2024	1936

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

Comments:

EPA SAMPLE NO.

MJNKE2

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-07

% Solids: 81 Date Received: 12/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	27		12/21/2024	1939
7440-50-8	Copper	17		12/21/2024	1939
7439-92-1	Lead	2.4		12/21/2024	1939
7440-66-6	Zinc	34		12/21/2024	1939

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

Comments:

EPA SAMPLE NO.

MJNKF0

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-08

% Solids: 68.9 Date Received: 12/10/2024

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	320		12/21/2024	1942
7440-50-8	Copper	380		12/21/2024	1942
7439-92-1	Lead	540		12/21/2024	1942
7440-66-6	Zinc	2800		12/21/2024	1942

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

Comments:

EPA SAMPLE NO.

MJNKF1

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-09

% Solids: 84.5 Date Received: 12/10/2024

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	19		12/21/2024	1945
7440-50-8	Copper	19		12/21/2024	1945
7439-92-1	Lead	18		12/21/2024	1945
7440-66-6	Zinc	100		12/21/2024	1945

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

Comments:

EPA SAMPLE NO.

MJNKG1

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-10

% Solids: 83.8 Date Received: 12/10/2024

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	5.7		12/21/2024	1948
7440-50-8	Copper	7.7		12/21/2024	1948
7439-92-1	Lead	4.0		12/21/2024	1948
7440-66-6	Zinc	31		12/21/2024	1948

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

Comments:

EPA SAMPLE NO.

MJNKG2

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-11

% Solids: 84.8 Date Received: 12/10/2024

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	5.8		12/21/2024	1952
7440-50-8	Copper	6.7		12/21/2024	1952
7439-92-1	Lead	1.4		12/21/2024	1952
7440-66-6	Zinc	19		12/21/2024	1952

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

Comments:

EPA SAMPLE NO.

MJNLH6

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-12

% Solids: 66.6 Date Received: 12/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	1100	D	12/23/2024	1420
7440-50-8	Copper	690		12/21/2024	1955
7439-92-1	Lead	1000		12/21/2024	1955
7440-66-6	Zinc	4700		12/21/2024	1955

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

Comments:

EPA SAMPLE NO.

MJNLH7

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-13

% Solids: 78.7 Date Received: 12/10/2024

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	220		12/21/2024	1958
7440-50-8	Copper	210		12/21/2024	1958
7439-92-1	Lead	350		12/21/2024	1958
7440-66-6	Zinc	1800		12/21/2024	1958

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

Comments:

EPA SAMPLE NO.

MJNLH8

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.: MJNKD0

Matrix: SOIL Lab Sample ID: P5248-14

% Solids: 75.1 Date Received: 12/10/2024

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	320		12/21/2024	2007
7440-50-8	Copper	320		12/21/2024	2007
7439-92-1	Lead	480		12/21/2024	2007
7440-66-6	Zinc	2300		12/21/2024	2007

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

Comments:

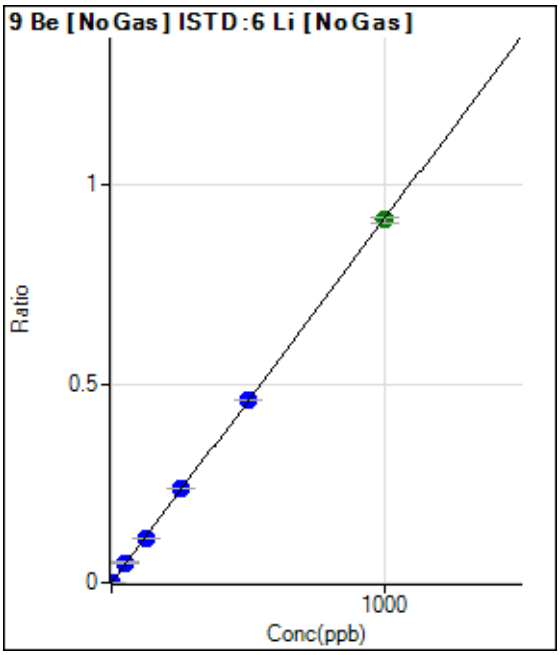
Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122124MS-1.b\
Analysis File: P7122124MS-1.batch.bin
DA Date-Time: 2024-12-22 13:10:31
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-21 16:08:12
2	006CALS.d	S02	2024-12-21 16:14:49
3	007CALS.d	S03	2024-12-21 16:18:06
4	008CALS.d	S04	2024-12-21 16:21:10
5	009CALS.d	S05	2024-12-21 16:24:01
6	010CALS.d	S06	2024-12-21 16:26:49
7	011CALS.d	S07	2024-12-21 16:29:33
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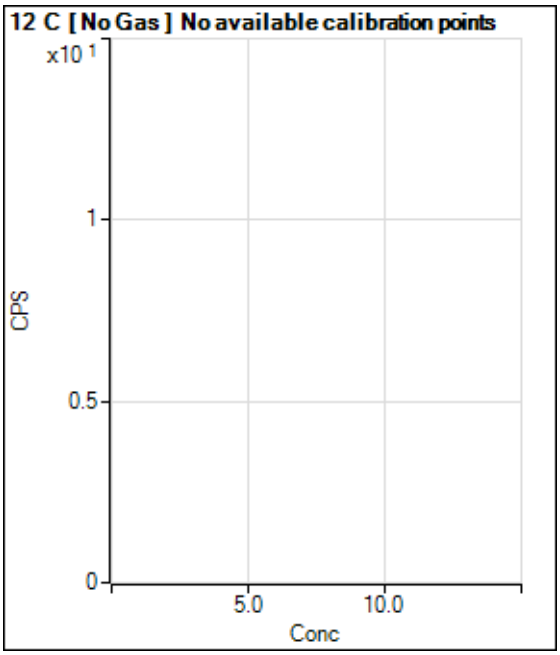
Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	19.1
2	☐	1.000	1.187	1525.65	0.0011	P	1.4
3	☐	50.000	55.197	70235.42	0.0506	P	1.6
4	☐	125.000	122.746	164262.33	0.1125	P	0.5
5	☐	250.000	258.829	354117.16	0.2371	P	0.4
6	☐	500.000	501.835	686397.73	0.4598	P	0.9
7	☐	1000.000	996.897	1359107.19	0.9133	A	1.6
8	☐			421.12	0.0003	P	13.1

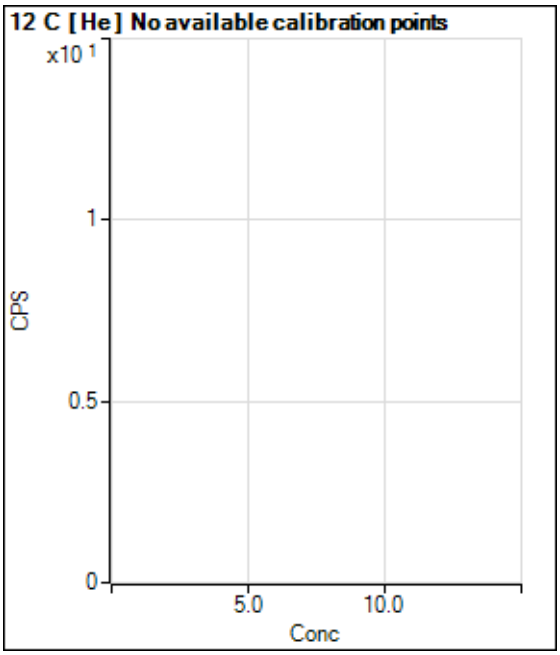
y = 9.1613E-004 * x + 2.8155E-005
R = 0.9999
DL = 0.01762
BEC = 0.03073

Weight: <None>
Min Conc: 0

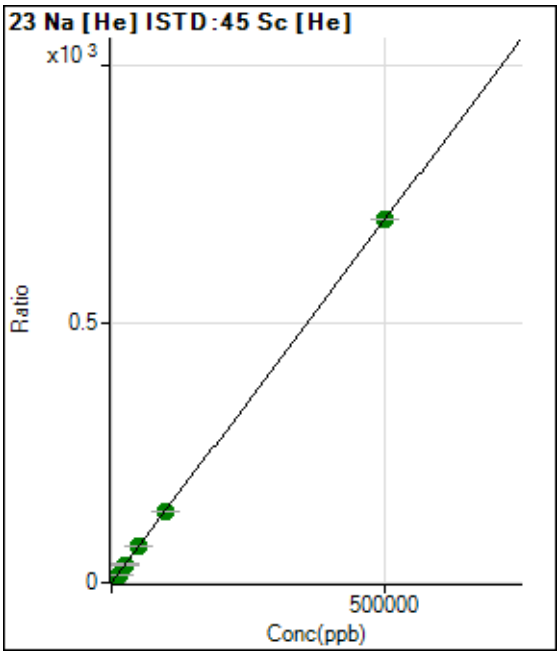


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7



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

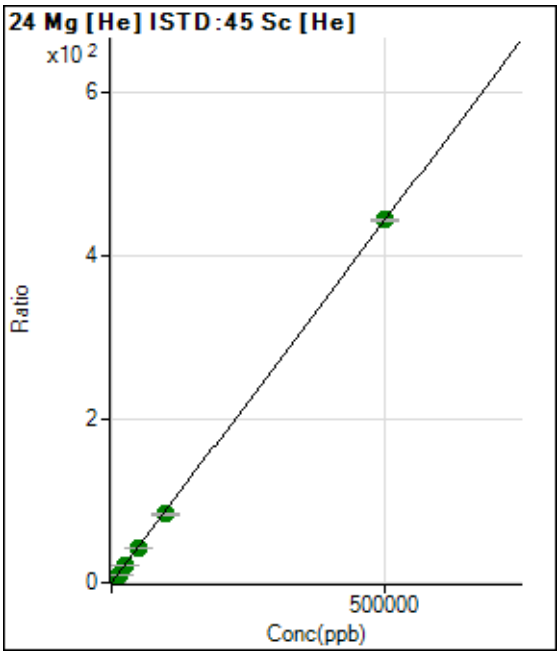


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17958.33	0.0315	P	1.4
2	☐	500.000	512.348	427680.69	0.7492	P	0.7
3	☐	5000.000	4926.201	3892177.55	6.9321	A	0.7
4	☐	12500.000	11408.585	8508294.18	16.0125	A	0.9
5	☐	25000.000	25113.439	17694470.99	35.2100	A	0.5
6	☐	50000.000	49840.112	33816750.05	69.8468	A	0.4
7	☐	100000.00	98836.156	66976502.34	138.4796	A	0.5
8	☐	500000.00	500271.09	342385759.34	700.8032	A	0.2

y = 0.0014 * x + 0.0315
R = 1.0000
DL = 0.924
BEC = 22.52

Weight: <None>
Min Conc: 0

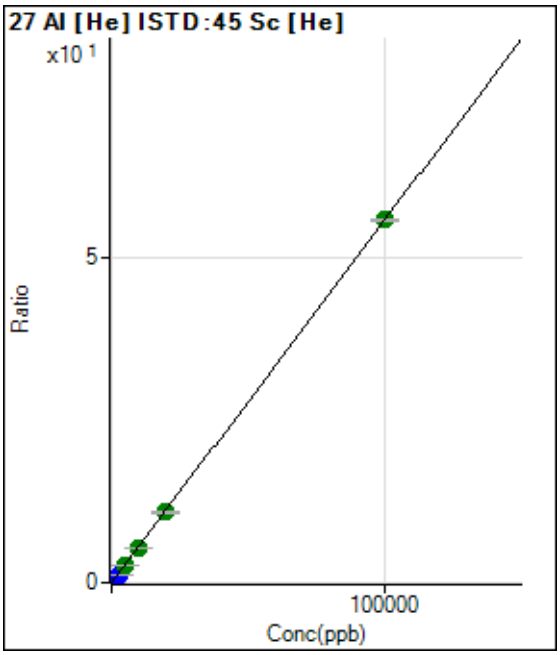
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Inst Id :P7



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1	☐	0.000	0.000	457.79	0.0008	P	2.3
2	☐	500.000	530.036	268340.81	0.4701	P	0.7
3	☐	5000.000	4758.115	2365845.80	4.2136	A	0.7
4	☐	12500.000	10961.139	5156917.32	9.7058	A	1.4
5	☐	25000.000	24120.994	10732792.76	21.3575	A	0.7
6	☐	50000.000	47793.453	20487979.55	42.3170	A	0.8
7	☐	100000.00	94452.176	40447517.17	83.6286	A	0.4
8	☐	500000.00	501415.03	216899263.43	443.9526	A	0.6

y = 8.8540E-004 * x + 8.0429E-004
R = 0.9999
DL = 0.06275
BEC = 0.9084

Weight: <None>
Min Conc: 0

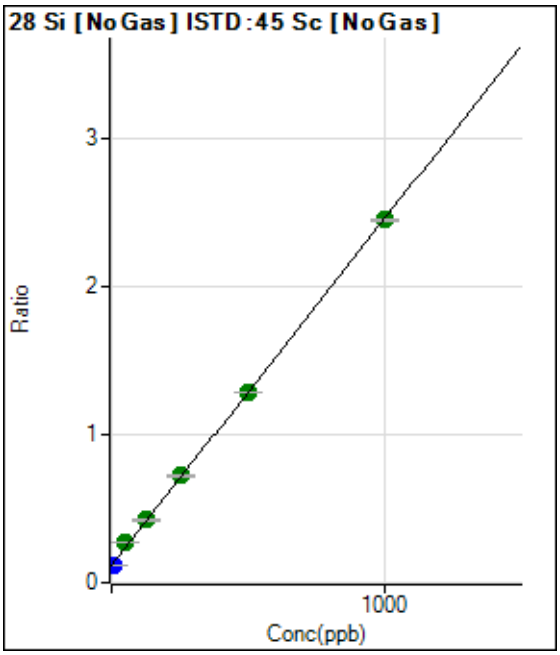


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1	☐	0.000	0.000	101.11	0.0002	P	21.7
2	☐	20.000	20.563	6624.82	0.0116	P	2.0
3	☐	1000.000	956.208	298491.99	0.5316	P	1.0
4	☐	2500.000	2218.696	655288.44	1.2333	P	0.9
5	☐	5000.000	4941.843	1380321.06	2.7468	A	0.9
6	☐	10000.000	9769.331	2628841.39	5.4298	A	0.4
7	☐	20000.000	19456.805	5230147.07	10.8140	A	1.4
8	☐	100000.00	100142.08	27192062.65	55.6575	A	0.2

y = 5.5578E-004 * x + 1.7757E-004
R = 1.0000
DL = 0.208
BEC = 0.3195

Weight: <None>
Min Conc: 0

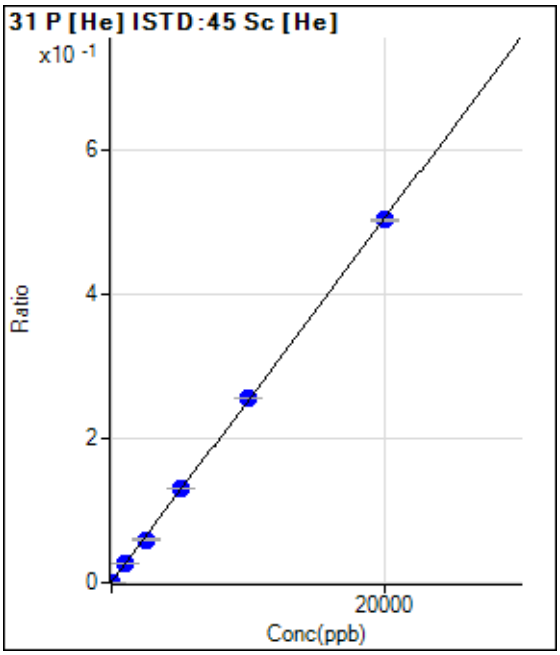
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1	☐	0.000	0.000	721496.99	0.1176	P	0.7
2	☐	10.000	1.866	753227.50	0.1220	P	1.0
3	☐	50.000	66.917	1657929.40	0.2738	A	0.9
4	☐	125.000	130.266	2486751.27	0.4218	A	1.2
5	☐	250.000	258.791	4099261.08	0.7218	A	1.6
6	☐	500.000	498.839	6951295.80	1.2823	A	0.3
7	☐	1000.000	996.960	13047694.95	2.4453	A	0.7
8	☐			641936.87	0.1216	P	0.8

y = 0.0023 * x + 0.1176
R = 0.9998
DL = 1.016
BEC = 50.37

Weight: <None>
Min Conc: 0

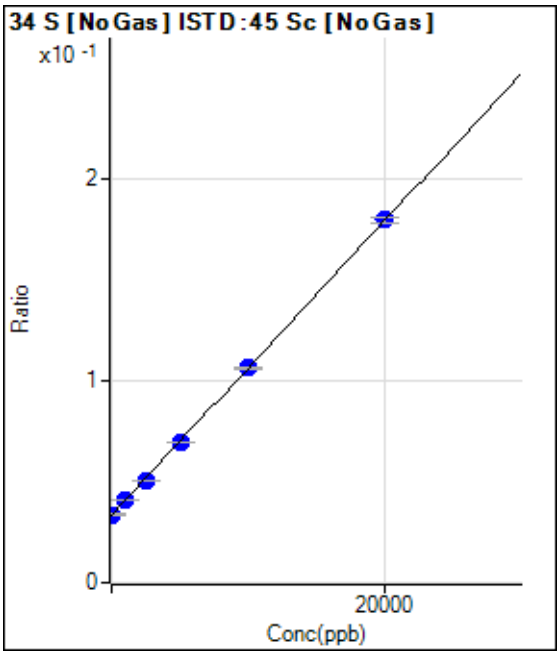


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2	☐	0.000	17.802	652.24	0.0011	P	5.2
3	☐	1000.000	1036.433	15077.52	0.0269	P	0.9
4	☐	2500.000	2343.190	31791.90	0.0598	P	1.1
5	☐	5000.000	5122.046	65316.28	0.1300	P	0.4
6	☐	10000.000	10115.735	123948.65	0.2560	P	0.2
7	☐	20000.000	19929.400	243622.50	0.5037	P	0.3
8	☐			231.12	0.0005	P	10.9

y = 2.5240E-005 * x + 6.9353E-004
R = 0.9999
DL = 7.791
BEC = 27.48

Weight: <None>
Min Conc: 0

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-29.888	203963.03	0.0332	P	1.0
2	☐	0.000	29.888	208004.43	0.0337	P	1.6
3	☐	1000.000	1042.881	248533.11	0.0411	P	0.7
4	☐	2500.000	2304.976	296240.28	0.0502	P	1.0
5	☐	5000.000	4948.274	394601.27	0.0695	P	1.1
6	☐	10000.000	9971.898	574846.18	0.1060	P	0.9
7	☐	20000.000	20049.216	957183.06	0.1794	P	1.4
8	☐			162514.79	0.0308	P	2.9

y = 7.2786E-006 * x + 0.0335

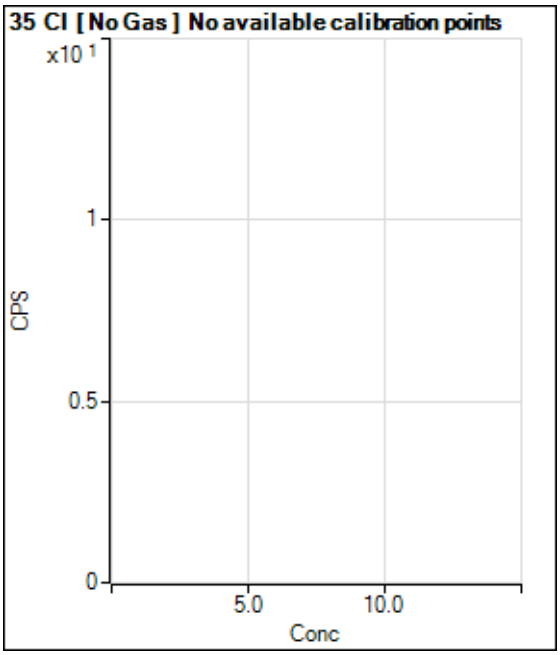
R = 0.9999

DL = 173.8

BEC = 4597

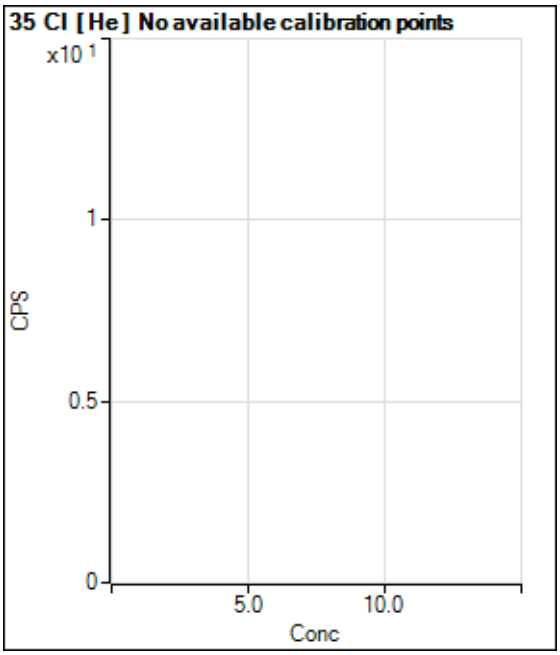
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Min Conc: 0

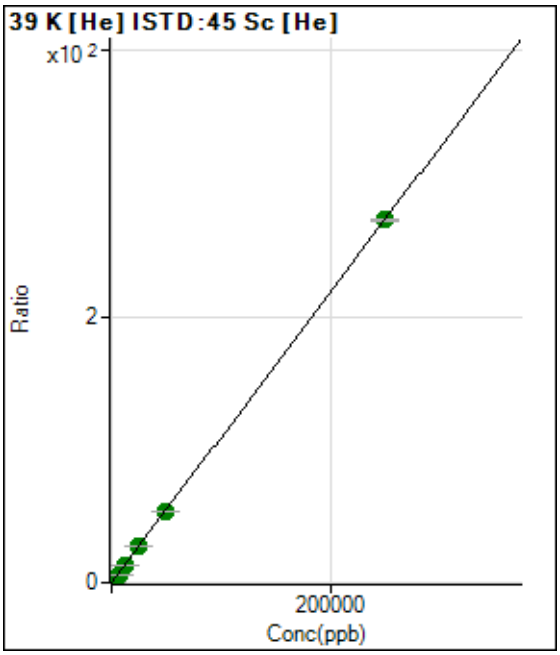


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61381.92	0.1078	P	1.0
2	☐	500.000	555.872	407012.01	0.7130	P	1.0
3	☐	2500.000	2518.534	1600118.67	2.8499	A	1.2
4	☐	6250.000	5778.555	3400303.63	6.3992	A	0.6
5	☐	12500.000	12456.669	6869685.04	13.6700	A	0.4
6	☐	25000.000	24703.248	13073765.50	27.0035	A	0.2
7	☐	50000.000	48946.474	25826577.12	53.3983	A	0.7
8	☐	250000.00	250254.03	133167129.13	272.5717	A	0.6

y = 0.0011 * x + 0.1078

R = 1.0000

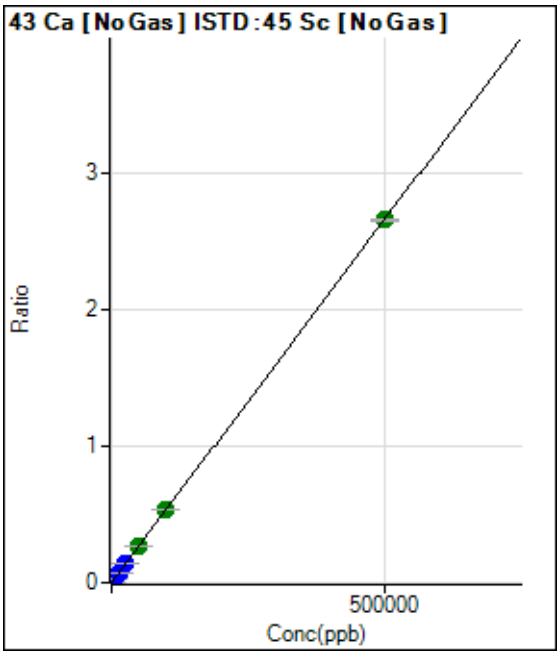
DL = 2.881

BEC = 99.04

Weight: <None>

Min Conc: 0

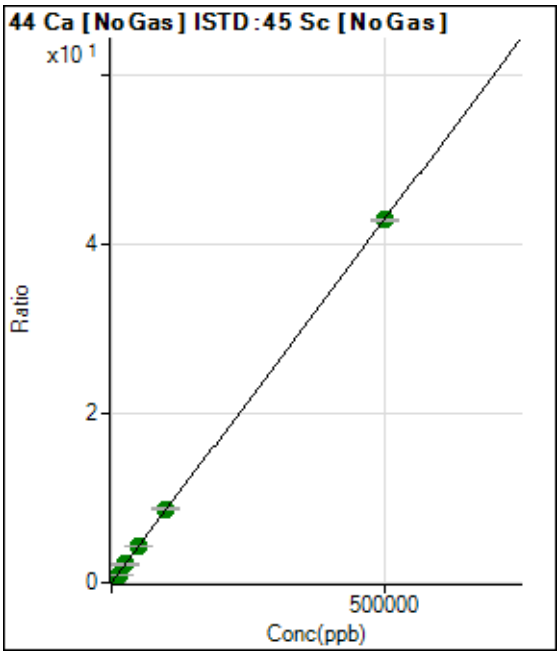
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.90	0.0001	P	8.0
2	☐	500.000	567.123	18957.47	0.0031	P	1.7
3	☐	5000.000	5276.379	169946.46	0.0281	P	0.5
4	☐	12500.000	12128.992	380054.67	0.0645	P	0.9
5	☐	25000.000	26225.868	791075.60	0.1393	P	1.6
6	☐	50000.000	51194.063	1473714.04	0.2719	A	0.8
7	☐	100000.00	100911.48	2858954.68	0.5358	A	1.6
8	☐	500000.00	499643.44	13999875.62	2.6528	A	0.8

y = 5.3093E-006 * x + 5.8494E-005
R = 1.0000
DL = 2.629
BEC = 11.02

Weight: <None>
Min Conc: 0

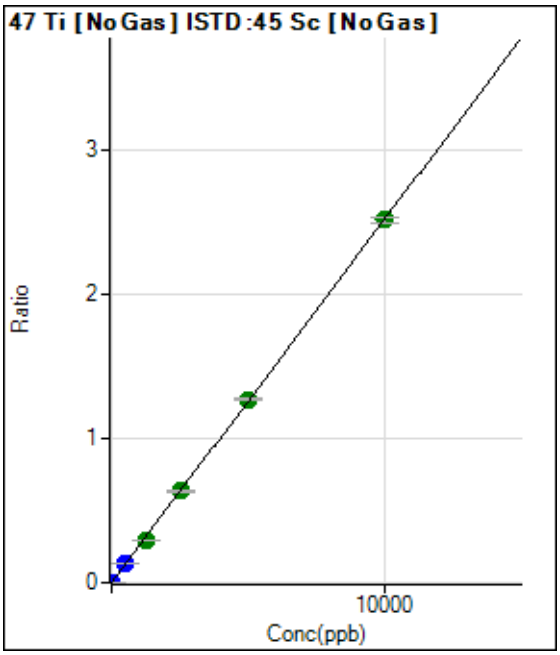


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9783.22	0.0016	P	0.9
2	☐	500.000	562.224	307659.10	0.0498	P	0.9
3	☐	5000.000	5093.064	2653970.76	0.4384	A	1.5
4	☐	12500.000	11651.093	5901410.95	1.0009	A	1.1
5	☐	25000.000	25257.353	12311587.32	2.1678	A	1.1
6	☐	50000.000	50829.571	23640520.76	4.3610	A	1.0
7	☐	100000.00	101554.80	46481783.19	8.7115	A	1.2
8	☐	500000.00	499613.44	226142529.97	42.8514	A	0.8

y = 8.5766E-005 * x + 0.0016
R = 1.0000
DL = 0.5048
BEC = 18.59

Weight: <None>
Min Conc: 0

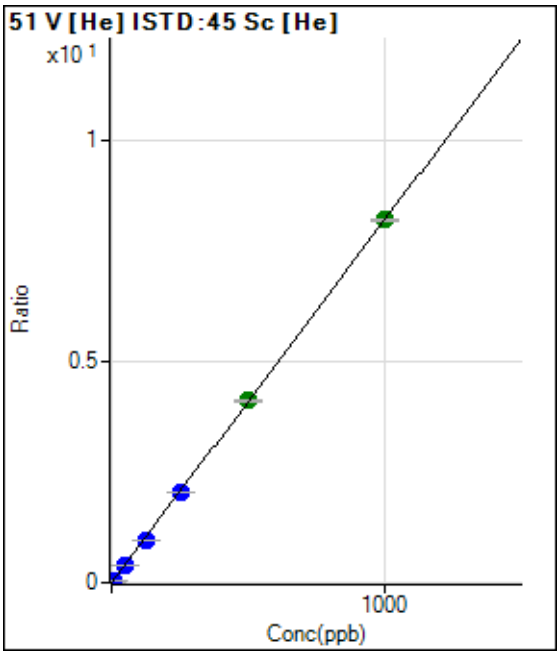
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0000	P	35.3
2	☐	5.000	5.360	8404.63	0.0014	P	1.0
3	☐	500.000	504.566	768489.49	0.1269	P	0.3
4	☐	1250.000	1157.245	1716506.99	0.2911	A	1.5
5	☐	2500.000	2520.321	3599899.81	0.6340	A	3.2
6	☐	5000.000	5033.396	6863668.51	1.2662	A	1.0
7	☐	10000.000	9989.588	13408222.16	2.5130	A	1.6
8	☐			2893.64	0.0005	P	13.3

y = 2.5156E-004 * x + 1.2305E-005
R = 0.9999
DL = 0.05173
BEC = 0.04892

Weight: <None>
Min Conc: 0

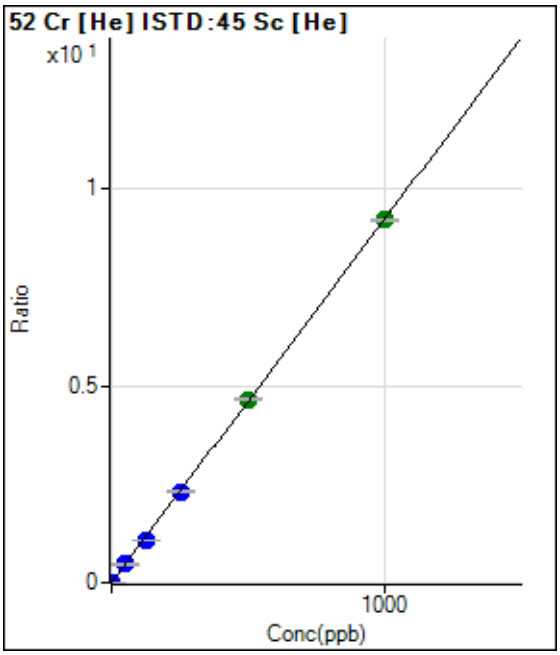


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.7
2	☐	5.000	5.529	25853.27	0.0453	P	1.1
3	☐	50.000	49.566	227929.07	0.4059	P	1.5
4	☐	125.000	114.933	500154.98	0.9413	P	0.5
5	☐	250.000	249.982	1028832.06	2.0473	P	0.8
6	☐	500.000	501.226	1987406.45	4.1049	A	0.7
7	☐	1000.000	1000.669	3963688.31	8.1953	A	0.7
8	☐			880.03	0.0018	P	8.6

y = 0.0082 * x + 9.7353E-006
R = 0.9999
DL = 0.003269
BEC = 0.001189

Weight: <None>
Min Conc: 0

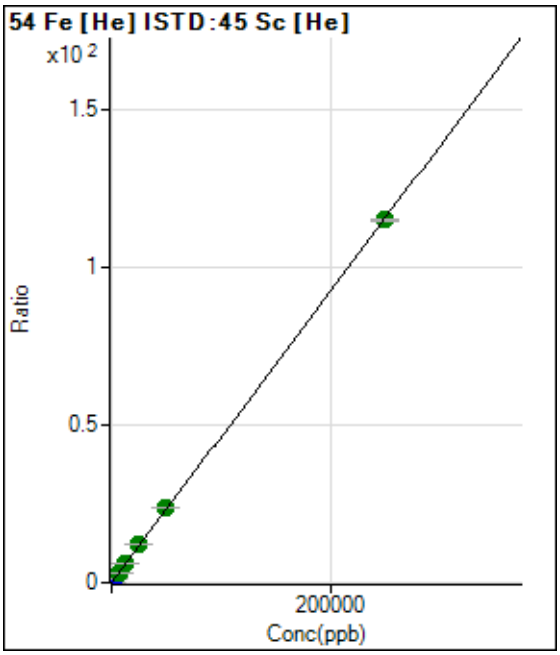
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1381.19	0.0024	P	7.4
2	☐	2.000	2.213	13029.05	0.0228	P	1.7
3	☐	50.000	50.049	260374.35	0.4637	P	0.7
4	☐	125.000	115.424	566564.89	1.0663	P	1.0
5	☐	250.000	250.472	1161383.98	2.3111	P	0.8
6	☐	500.000	505.066	2255062.17	4.6577	A	0.2
7	☐	1000.000	998.543	4452693.30	9.2062	A	0.3
8	☐			7883.82	0.0161	P	11.1

y = 0.0092 * x + 0.0024
R = 0.9999
DL = 0.05846
BEC = 0.2632

Weight: <None>
Min Conc: 0

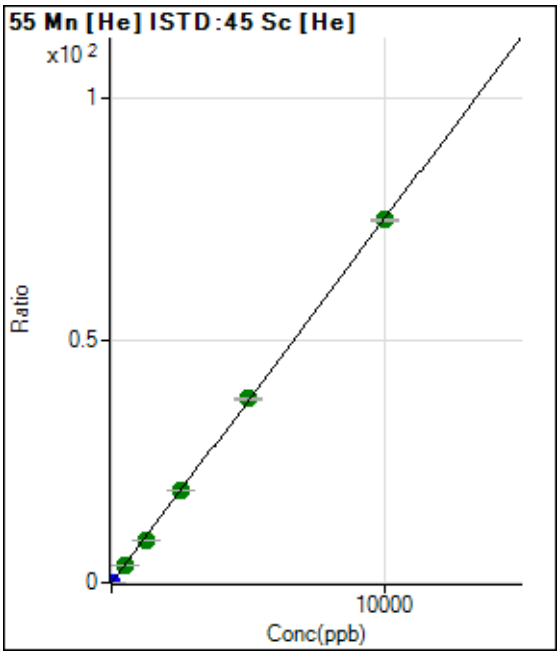


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2725.83	0.0048	P	7.7
2	☐	50.000	59.350	18379.08	0.0322	P	1.4
3	☐	2500.000	2659.768	692326.73	1.2331	P	0.7
4	☐	6250.000	6118.172	1503726.97	2.8302	A	1.2
5	☐	12500.000	13323.827	3094384.99	6.1577	A	1.1
6	☐	25000.000	26309.799	5884722.97	12.1546	A	0.5
7	☐	50000.000	51835.469	11579831.08	23.9424	A	0.6
8	☐	250000.00	249462.43	56285021.38	115.2063	A	0.4

y = 4.6180E-004 * x + 0.0048
R = 1.0000
DL = 2.386
BEC = 10.37

Weight: <None>
Min Conc: 0

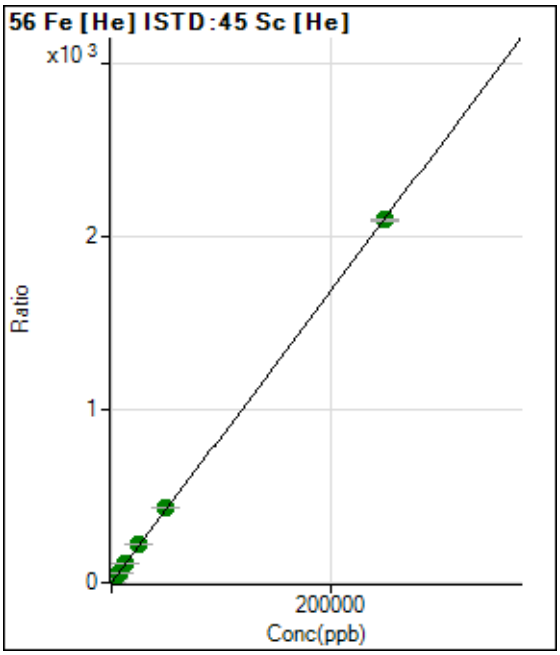
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	342.23	0.0006	P	8.6
2	☐	1.000	1.101	5060.90	0.0089	P	3.4
3	☐	500.000	498.546	2101058.37	3.7420	A	0.5
4	☐	1250.000	1158.889	4621158.72	8.6977	A	2.1
5	☐	2500.000	2541.526	9585282.63	19.0739	A	0.8
6	☐	5000.000	5059.595	18383564.86	37.9712	A	1.2
7	☐	10000.000	9971.282	36193097.51	74.8318	A	0.4
8	☐			17346.81	0.0355	P	3.9

y = 0.0075 * x + 6.0138E-004
R = 0.9999
DL = 0.02066
BEC = 0.08013

Weight: <None>
Min Conc: 0

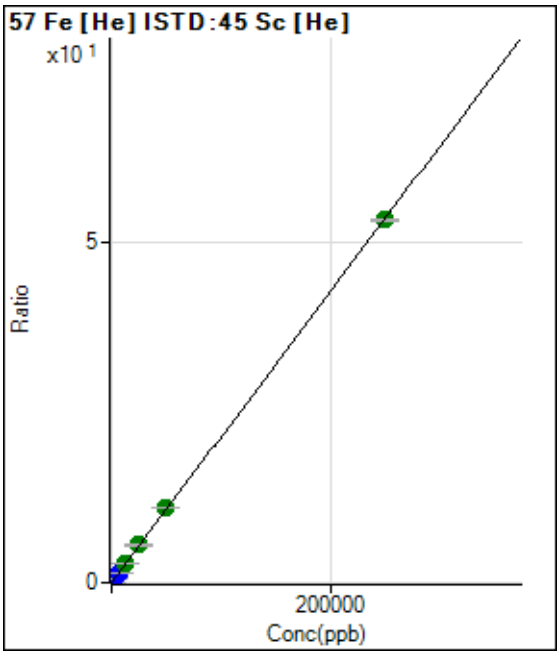


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19405.92	0.0341	P	0.7
2	☐	50.000	57.344	294758.73	0.5164	P	0.4
3	☐	2500.000	2609.173	12340072.18	21.9779	A	0.4
4	☐	6250.000	6027.501	26953377.93	50.7270	A	0.7
5	☐	12500.000	13175.683	55703739.72	110.8451	A	0.5
6	☐	25000.000	26216.723	106765960.63	220.5237	A	0.6
7	☐	50000.000	51547.995	209700559.10	433.5665	A	0.5
8	☐	250000.00	249539.41	1025351335.8	2,098.727	A	0.5

y = 0.0084 * x + 0.0341
R = 1.0000
DL = 0.07959
BEC = 4.054

Weight: <None>
Min Conc: 0

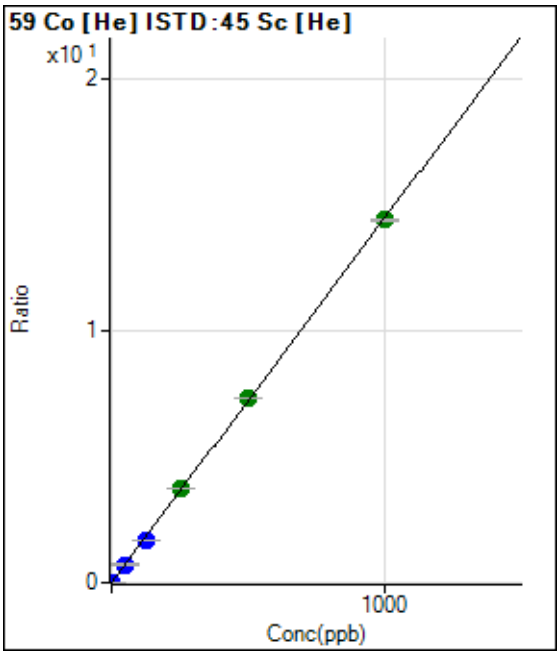
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1175.61	0.0021	P	5.5
2	☐	50.000	59.526	8446.89	0.0148	P	2.8
3	☐	2500.000	2598.896	313301.91	0.5580	P	0.2
4	☐	6250.000	6030.589	686520.30	1.2921	P	1.1
5	☐	12500.000	13008.769	1399442.46	2.7848	A	0.6
6	☐	25000.000	25845.796	2677735.50	5.5308	A	0.8
7	☐	50000.000	51383.258	5317212.66	10.9936	A	0.9
8	☐	250000.00	249617.82	26088245.17	53.3983	A	0.2

y = 2.1391E-004 * x + 0.0021
R = 1.0000
DL = 1.579
BEC = 9.654

Weight: <None>
Min Conc: 0

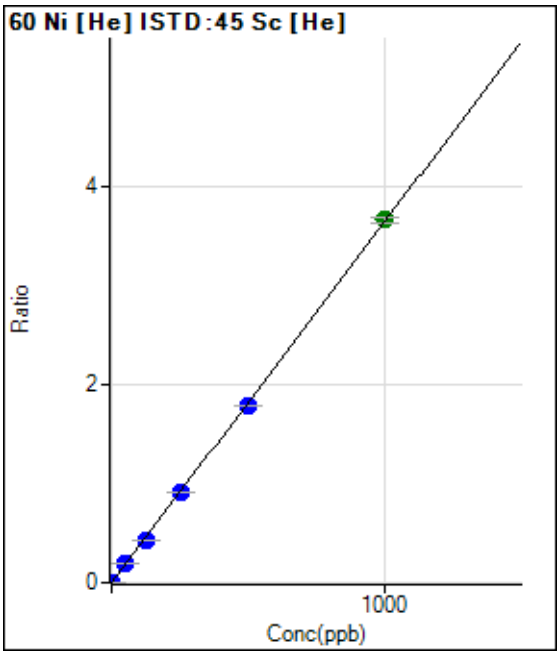


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.89	0.0003	P	4.2
2	☐	1.000	1.167	9779.92	0.0171	P	0.7
3	☐	50.000	50.108	406302.32	0.7236	P	0.7
4	☐	125.000	115.140	883326.09	1.6625	P	0.8
5	☐	250.000	257.050	1864949.82	3.7111	A	0.4
6	☐	500.000	507.142	3544682.69	7.3214	A	0.4
7	☐	1000.000	995.893	6953663.65	14.3771	A	0.4
8	☐			18887.54	0.0387	P	0.9

y = 0.0144 * x + 2.7913E-004
R = 0.9999
DL = 0.002441
BEC = 0.01934

Weight: <None>
Min Conc: 0

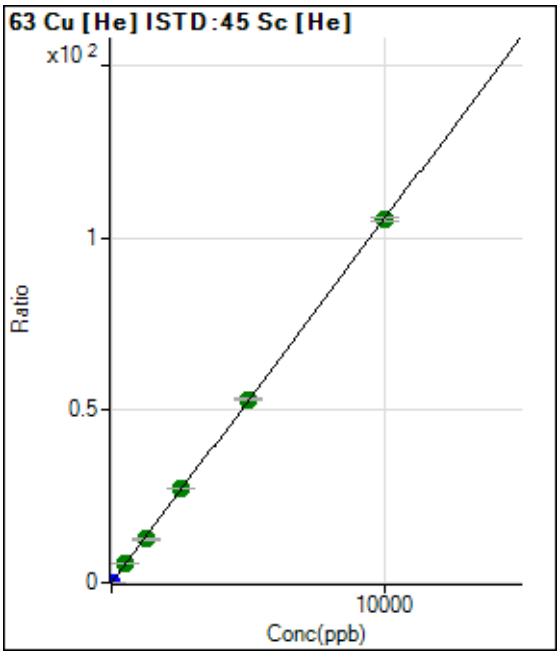
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	345.56	0.0006	P	9.1
2	☐	1.000	1.144	2722.50	0.0048	P	5.5
3	☐	50.000	50.774	104079.96	0.1854	P	0.1
4	☐	125.000	116.460	225490.98	0.4244	P	0.9
5	☐	250.000	251.571	460338.63	0.9160	P	0.6
6	☐	500.000	489.273	862273.21	1.7810	P	0.4
7	☐	1000.000	1005.999	1770823.01	3.6613	A	1.6
8	☐			6336.95	0.0130	P	1.4

y = 0.0036 * x + 6.0722E-004
R = 0.9999
DL = 0.0457
BEC = 0.1669

Weight: <None>
Min Conc: 0

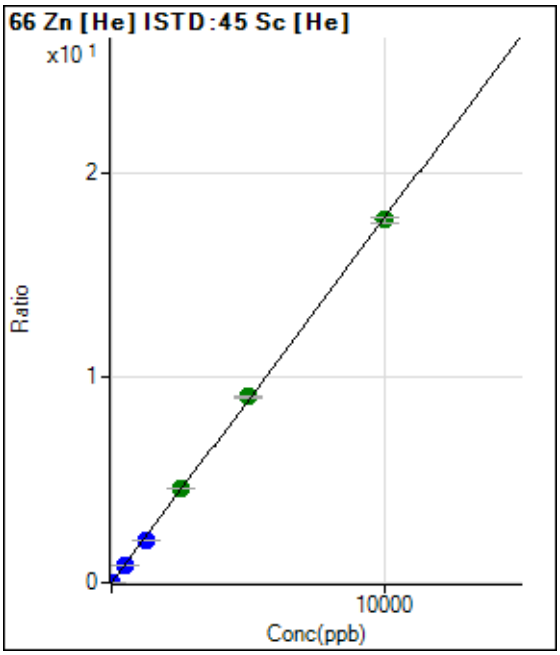


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	624.46	0.0011	P	9.7
2	☐	2.000	2.082	13161.41	0.0231	P	0.9
3	☐	500.000	515.702	3055234.47	5.4415	A	1.6
4	☐	1250.000	1195.184	6699644.14	12.6097	A	1.7
5	☐	2500.000	2569.339	13621914.52	27.1064	A	0.4
6	☐	5000.000	5042.049	25753345.73	53.1923	A	0.7
7	☐	10000.000	9967.707	50860213.69	105.1555	A	1.1
8	☐			10011.21	0.0205	P	8.9

y = 0.0105 * x + 0.0011
R = 0.9999
DL = 0.0303
BEC = 0.104

Weight: <None>
Min Conc: 0

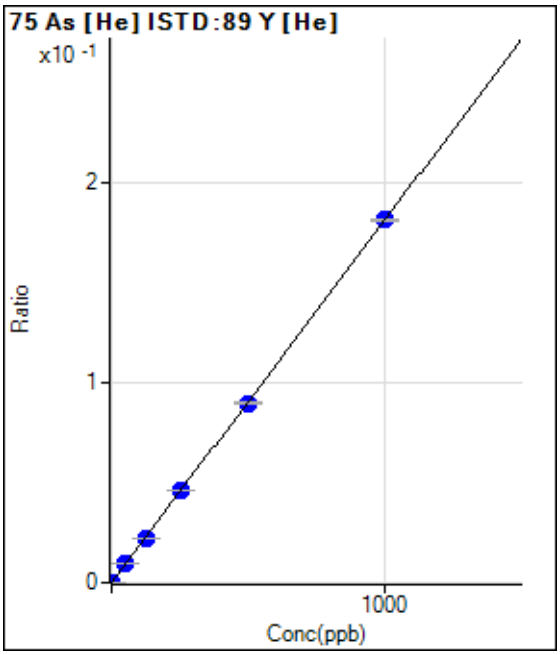
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	287.79	0.0005	P	8.1
2	☐	5.000	5.450	5827.85	0.0102	P	3.7
3	☐	500.000	494.517	494695.70	0.8811	P	1.0
4	☐	1250.000	1144.041	1082666.82	2.0376	P	0.9
5	☐	2500.000	2584.003	2312475.64	4.6017	A	1.4
6	☐	5000.000	5091.500	4389726.67	9.0667	A	1.0
7	☐	10000.000	9946.768	8566530.98	17.7122	A	1.3
8	☐			6831.62	0.0140	P	1.2

y = 0.0018 * x + 5.0558E-004
R = 0.9998
DL = 0.06926
BEC = 0.2839

Weight: <None>
Min Conc: 0

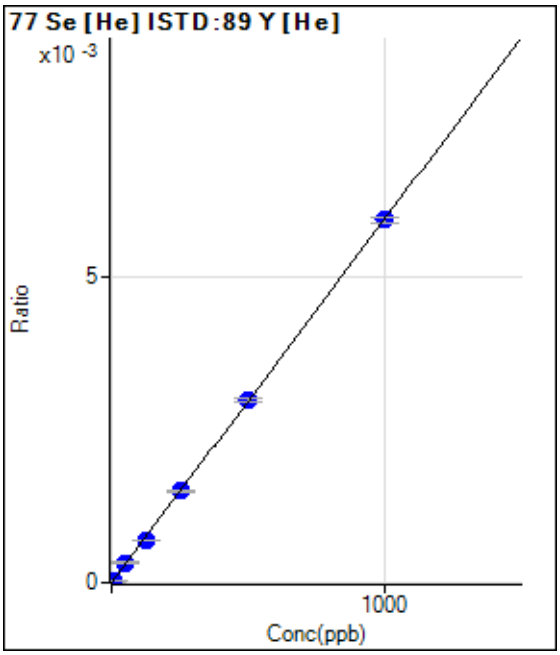


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	66.3
2	☐	1.000	1.235	832.25	0.0002	P	1.4
3	☐	50.000	52.066	34051.25	0.0094	P	1.5
4	☐	125.000	119.868	74728.92	0.0217	P	0.6
5	☐	250.000	253.261	153405.22	0.0459	P	0.8
6	☐	500.000	495.971	293190.88	0.0899	P	1.4
7	☐	1000.000	1001.737	584156.22	0.1816	P	0.9
8	☐			367.79	0.0001	P	5.7

y = 1.8127E-004 * x + 2.1227E-006
R = 1.0000
DL = 0.02328
BEC = 0.01171

Weight: <None>
Min Conc: 0

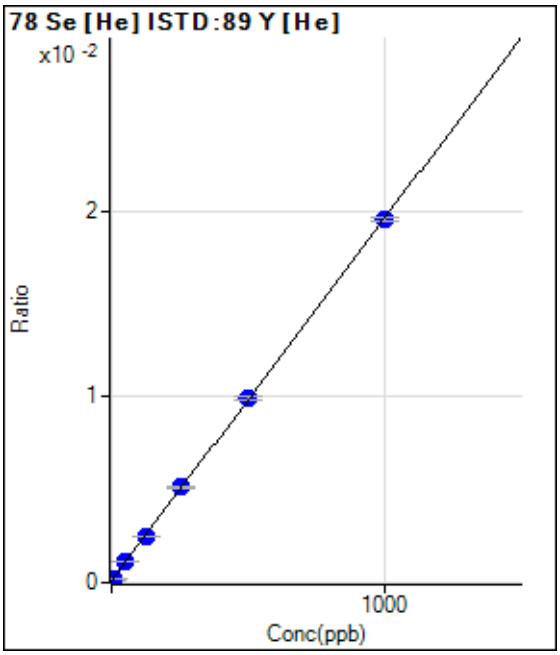
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.792	127.78	0.0000	P	7.7
3	☐	50.000	54.258	1162.28	0.0003	P	5.5
4	☐	125.000	117.649	2402.44	0.0007	P	1.9
5	☐	250.000	252.941	5016.45	0.0015	P	1.7
6	☐	500.000	502.940	9734.37	0.0030	P	1.8
7	☐	1000.000	998.497	19063.46	0.0059	P	1.9
8	☐			6.67	0.0000	P	49.2

y = 5.9347E-006 * x + 3.0497E-007
R = 0.9999
DL = 0.267
BEC = 0.05139

Weight: <None>
Min Conc: 0

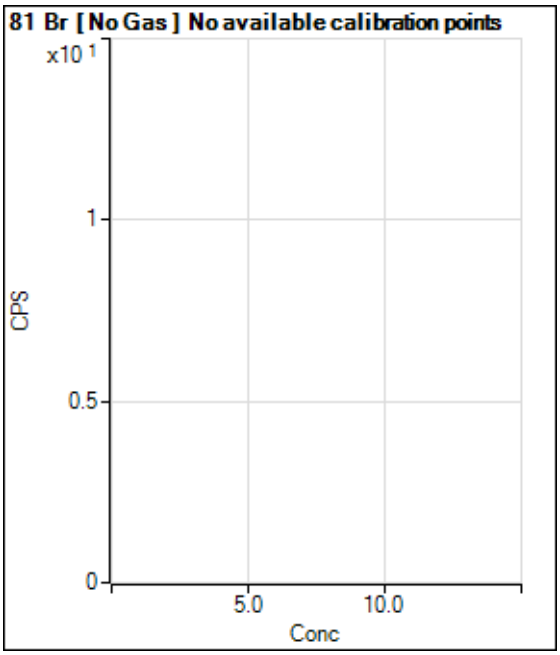


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	434.45	0.0001	P	8.4
2	☐	5.000	6.578	907.82	0.0002	P	5.5
3	☐	50.000	53.696	4200.64	0.0012	P	0.9
4	☐	125.000	121.266	8532.52	0.0025	P	1.8
5	☐	250.000	258.079	17198.95	0.0051	P	1.2
6	☐	500.000	504.247	32427.72	0.0099	P	2.6
7	☐	1000.000	996.131	62827.97	0.0195	P	1.0
8	☐			408.90	0.0001	P	8.0

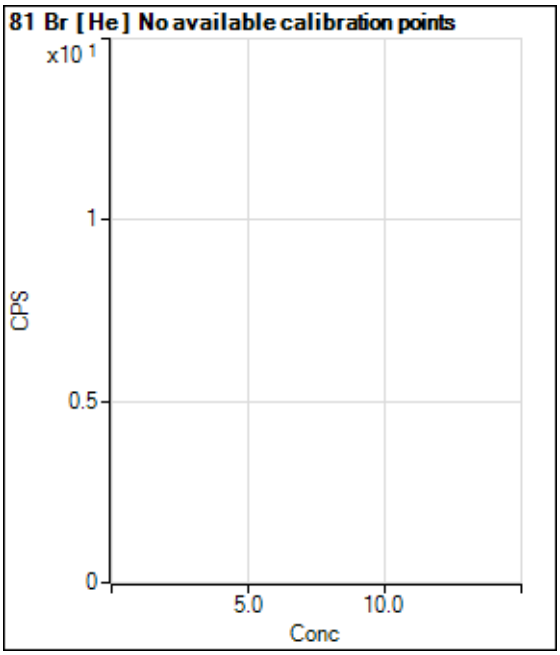
y = 1.9487E-005 * x + 1.1828E-004
R = 0.9999
DL = 1.53
BEC = 6.069

Weight: <None>
Min Conc: 0

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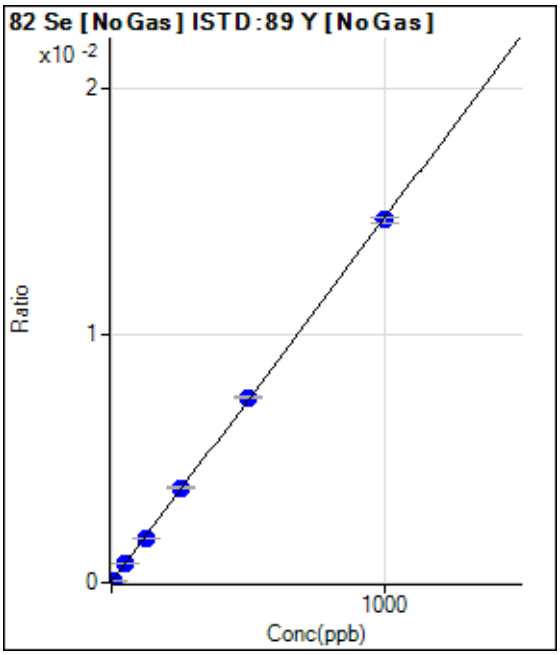


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16897.54		P	2.1
2	☐			16458.18		P	1.2
3	☐			16304.66		P	1.5
4	☐			14985.49		P	2.2
5	☐			13671.98		P	1.3
6	☐			13157.08		P	1.6
7	☐			12221.82		P	2.2
8	☐			12683.32		P	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			308.89		P	6.3
2	☐			232.23		P	5.0
3	☐			153.34		P	4.3
4	☐			131.11		P	18.4
5	☐			148.89		P	10.3
6	☐			125.56		P	6.1
7	☐			106.67		P	14.3
8	☐			136.67		P	14.6

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.04	0.0000	P	7.7
2	☐	5.000	5.740	1429.40	0.0001	P	6.1
3	☐	50.000	52.653	10356.66	0.0008	P	3.5
4	☐	125.000	119.119	22489.73	0.0018	P	1.6
5	☐	250.000	258.017	46346.34	0.0038	P	1.4
6	☐	500.000	507.543	88297.73	0.0075	P	1.4
7	☐	1000.000	994.823	170791.32	0.0147	P	1.7
8	☐			453.31	0.0000	P	11.0

y = 1.4720E-005 * x + 2.5323E-005

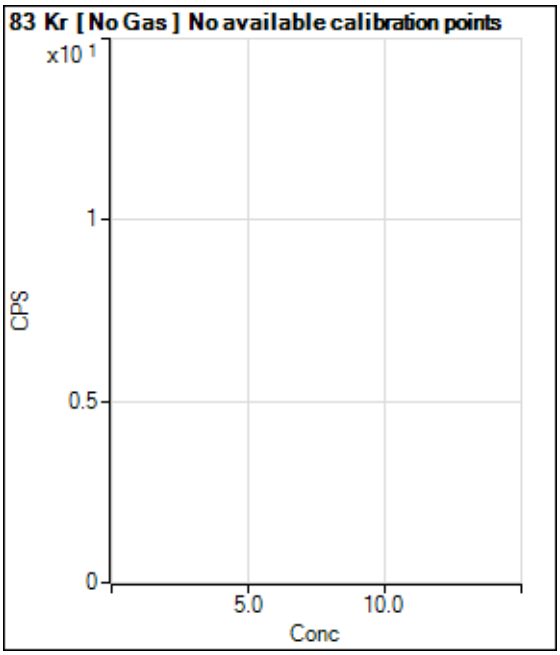
R = 0.9999

DL = 0.3984

BEC = 1.72

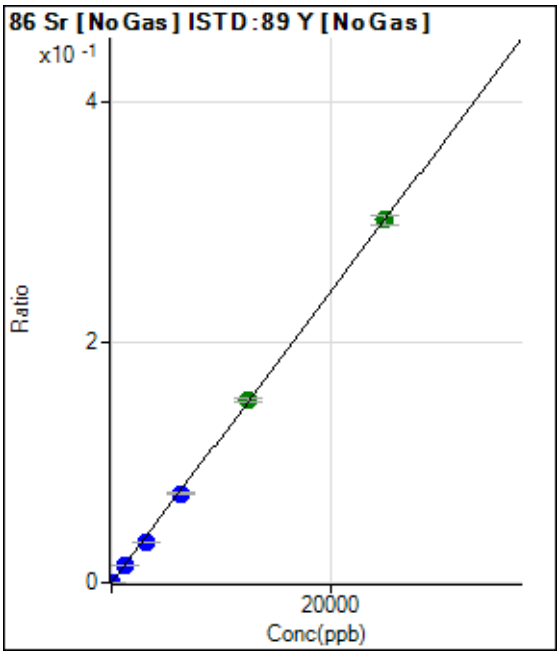
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			220.00		P	14.9
2	☐			237.78		P	21.1
3	☐			205.56		P	7.7
4	☐			214.45		P	0.9
5	☐			171.12		P	9.8
6	☐			184.45		P	16.3
7	☐			220.01		P	6.6
8	☐			205.56		P	13.1

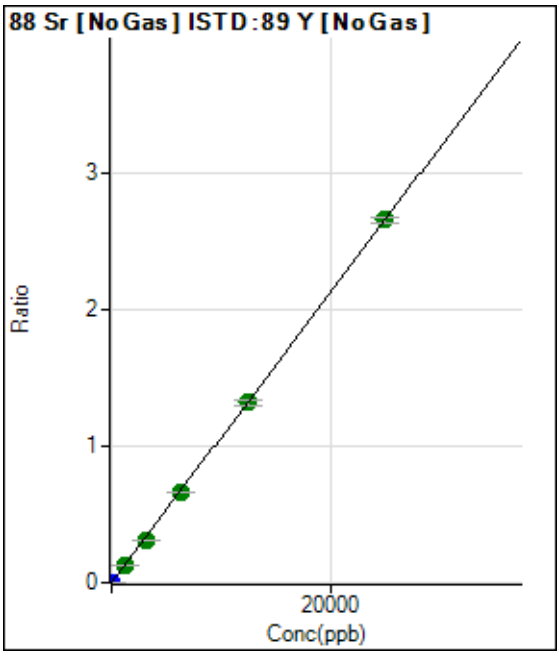
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.68	0.0000	P	16.3
2	☐	1.000	27.347	4683.01	0.0004	P	2.5
3	☐	1250.000	1219.212	190871.38	0.0147	P	2.3
4	☐	3125.000	2811.557	429517.28	0.0340	P	1.6
5	☐	6250.000	6133.151	897931.14	0.0741	P	1.1
6	☐	12500.000	12599.676	1791770.58	0.1521	A	2.4
7	☐	25000.000	25020.093	3516940.19	0.3021	A	2.5
8	☐			10313.69	0.0009	P	3.3

y = 1.2073E-005 * x + 2.9599E-005
R = 0.9999
DL = 1.198
BEC = 2.452

Weight: <None>
Min Conc: 0

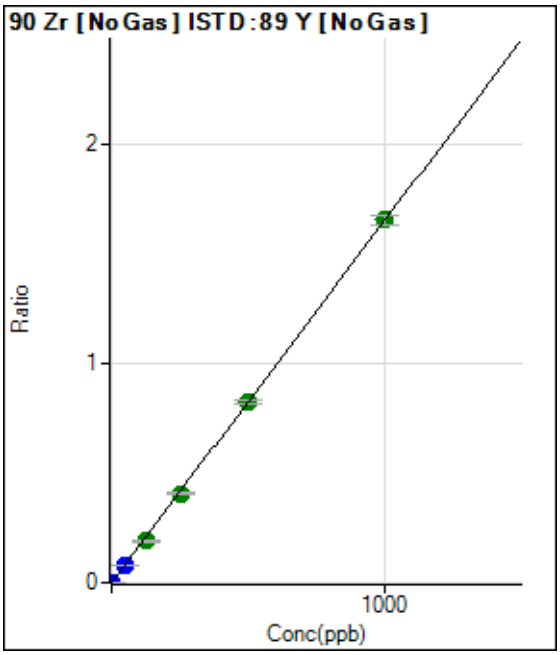


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.23	0.0000	P	12.7
2	☐	1.000	26.684	37117.97	0.0029	P	0.7
3	☐	1250.000	1257.613	1730556.42	0.1337	A	0.4
4	☐	3125.000	2900.022	3897509.00	0.3083	A	1.2
5	☐	6250.000	6239.927	8039536.13	0.6632	A	1.5
6	☐	12500.000	12469.491	15607359.21	1.3254	A	3.1
7	☐	25000.000	25045.513	30993075.65	2.6621	A	1.9
8	☐			89760.51	0.0080	P	1.5

y = 1.0629E-004 * x + 1.5474E-005
R = 1.0000
DL = 0.05548
BEC = 0.1456

Weight: <None>
Min Conc: 0

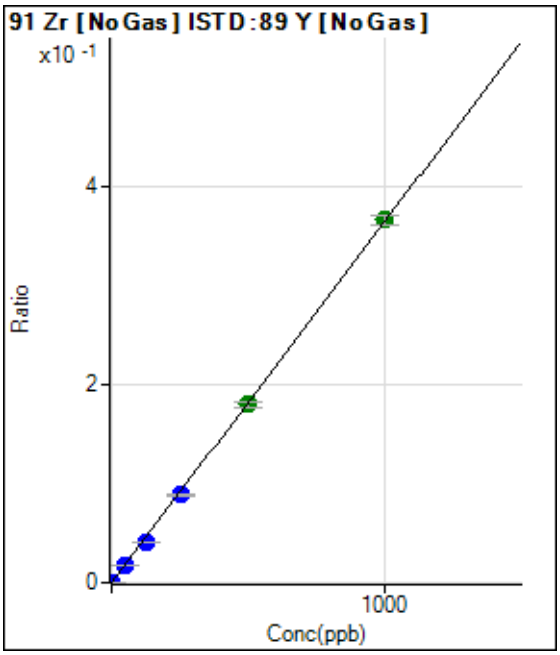
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	626.69	0.0000	P	13.8
2	☐	1.000	1.046	23051.46	0.0018	P	0.8
3	☐	50.000	48.605	1036947.75	0.0801	P	2.0
4	☐	125.000	114.733	2390534.43	0.1891	A	1.1
5	☐	250.000	246.592	4925343.57	0.4063	A	0.9
6	☐	500.000	499.109	9683961.18	0.8223	A	2.7
7	☐	1000.000	1002.651	19231206.66	1.6519	A	2.4
8	☐			13175.99	0.0012	P	3.3

y = 0.0016 * x + 4.7927E-005
R = 0.9999
DL = 0.01208
BEC = 0.02909

Weight: <None>
Min Conc: 0

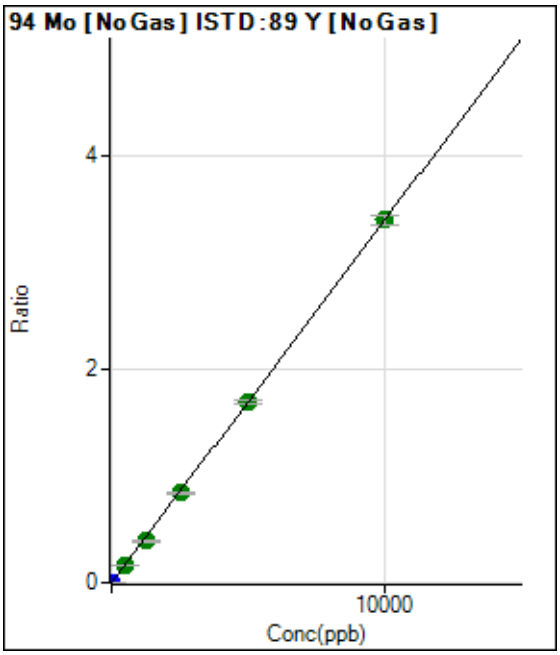


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	16.2
2	☐	1.000	1.042	5063.14	0.0004	P	3.0
3	☐	50.000	48.932	230636.83	0.0178	P	1.8
4	☐	125.000	112.268	516789.44	0.0409	P	1.4
5	☐	250.000	244.821	1080243.52	0.0891	P	2.0
6	☐	500.000	493.729	2116486.37	0.1797	A	3.4
7	☐	1000.000	1006.075	4263341.64	0.3662	A	2.7
8	☐			2983.66	0.0003	P	4.3

y = 3.6399E-004 * x + 9.6875E-006
R = 0.9999
DL = 0.01293
BEC = 0.02661

Weight: <None>
Min Conc: 0

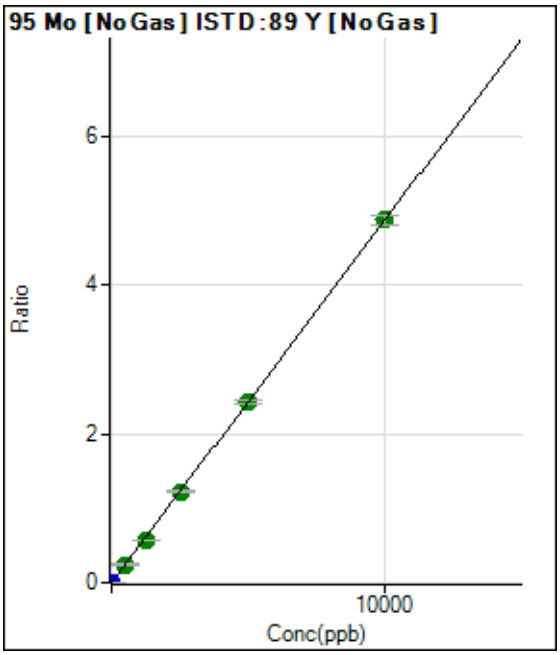
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	284.45	0.0000	P	11.4
2	☐	5.000	6.140	27443.55	0.0021	P	1.1
3	☐	500.000	499.831	2198788.34	0.1699	A	1.0
4	☐	1250.000	1142.392	4908517.91	0.3882	A	1.3
5	☐	2500.000	2493.066	10268780.61	0.8472	A	2.1
6	☐	5000.000	4998.664	20005676.65	1.6987	A	2.3
7	☐	10000.000	10015.860	39622589.41	3.4036	A	3.0
8	☐			12333.10	0.0011	P	9.4

y = 3.3982E-004 * x + 2.1770E-005
R = 0.9999
DL = 0.02192
BEC = 0.06406

Weight: <None>
Min Conc: 0

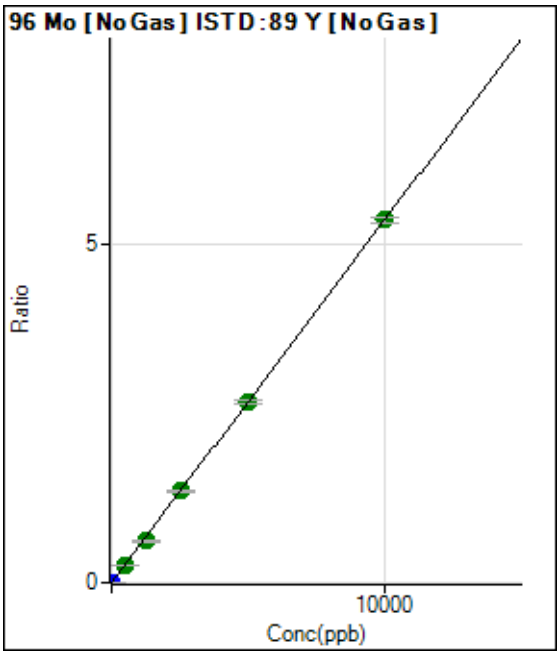


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.22	0.0000	P	12.3
2	☐	5.000	5.316	33786.69	0.0026	P	0.1
3	☐	500.000	501.848	3157216.62	0.2439	A	1.5
4	☐	1250.000	1153.696	7090117.25	0.5608	A	1.3
5	☐	2500.000	2506.962	14769476.59	1.2185	A	2.1
6	☐	5000.000	4985.424	28539403.47	2.4232	A	2.2
7	☐	10000.000	10017.493	56685164.71	4.8691	A	2.5
8	☐			12854.65	0.0011	P	10.8

y = 4.8606E-004 * x + 1.1640E-005
R = 0.9999
DL = 0.008825
BEC = 0.02395

Weight: <None>
Min Conc: 0

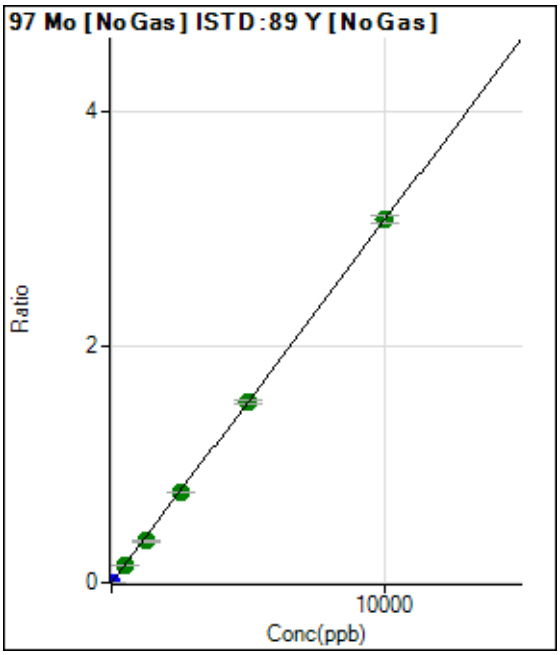
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	243.34	0.0000	P	10.7
2	☐	5.000	5.392	37838.88	0.0029	P	1.6
3	☐	500.000	497.875	3452789.36	0.2667	A	1.0
4	☐	1250.000	1142.589	7738728.43	0.6121	A	2.0
5	☐	2500.000	2522.069	16377266.56	1.3511	A	2.0
6	☐	5000.000	4995.987	31522075.09	2.6764	A	2.0
7	☐	10000.000	10010.022	62434211.85	5.3625	A	1.6
8	☐			23237.49	0.0021	P	5.2

y = 5.3572E-004 * x + 1.8621E-005
R = 0.9999
DL = 0.01118
BEC = 0.03476

Weight: <None>
Min Conc: 0

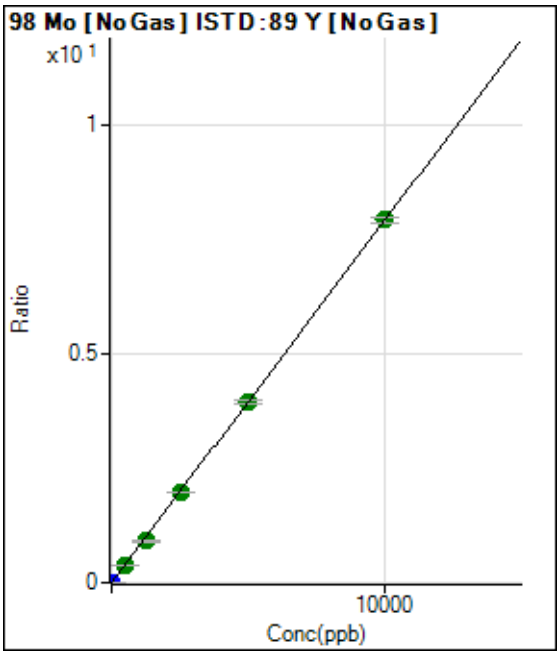


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	5.7
2	☐	5.000	5.188	20866.06	0.0016	P	0.9
3	☐	500.000	498.556	1984592.39	0.1533	A	1.0
4	☐	1250.000	1143.385	4446169.34	0.3516	A	0.5
5	☐	2500.000	2489.956	9281790.07	0.7657	A	1.7
6	☐	5000.000	5009.066	18142448.20	1.5404	A	2.0
7	☐	10000.000	10011.377	35844401.13	3.0788	A	2.0
8	☐			8043.42	0.0007	P	10.3

y = 3.0753E-004 * x + 7.4815E-006
R = 0.9999
DL = 0.00417
BEC = 0.02433

Weight: <None>
Min Conc: 0

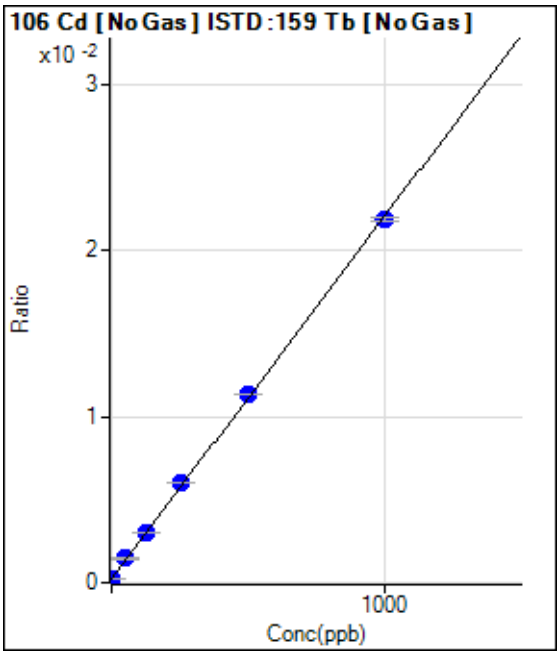
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	274.45	0.0000	P	16.1
2	☐	5.000	5.250	54406.35	0.0042	P	0.4
3	☐	500.000	497.271	5098478.61	0.3939	A	1.1
4	☐	1250.000	1143.319	11451430.11	0.9056	A	0.9
5	☐	2500.000	2499.260	23997261.03	1.9797	A	1.2
6	☐	5000.000	4986.900	46521001.53	3.9501	A	2.3
7	☐	10000.000	10020.206	92405943.07	7.9369	A	1.8
8	☐			20128.52	0.0018	P	10.4

y = 7.9209E-004 * x + 2.0985E-005
R = 0.9999
DL = 0.01279
BEC = 0.02649

Weight: <None>
Min Conc: 0

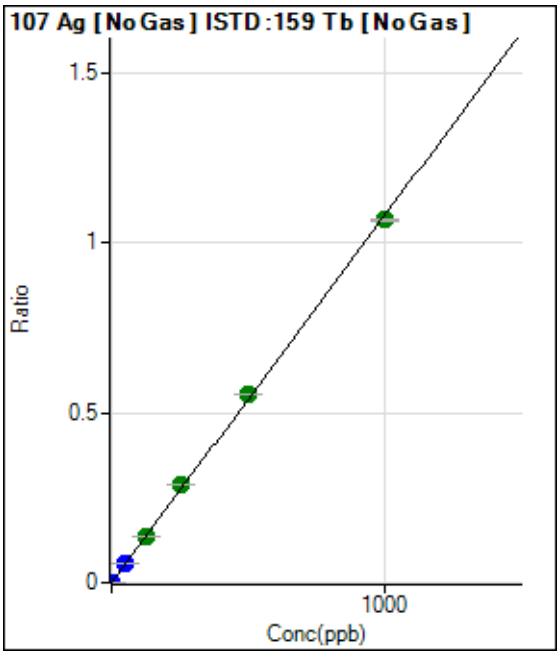


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3043.68	0.0002	P	7.2
2	☐	1.000	1.584	3573.81	0.0003	P	6.1
3	☐	50.000	56.458	20257.51	0.0015	P	1.7
4	☐	125.000	126.503	41252.89	0.0030	P	1.2
5	☐	250.000	267.090	83035.53	0.0061	P	0.2
6	☐	500.000	509.328	156059.37	0.0113	P	0.9
7	☐	1000.000	990.552	301597.31	0.0219	P	1.2
8	☐			2912.54	0.0002	P	2.0

y = 2.1848E-005 * x + 2.1908E-004
R = 0.9998
DL = 2.171
BEC = 10.03

Weight: <None>
Min Conc: 0

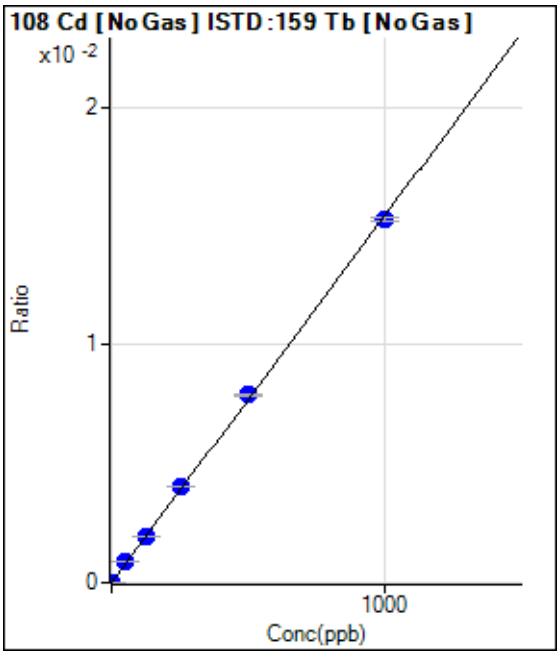
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0000	P	9.5
2	☐	1.000	1.112	16994.49	0.0012	P	1.2
3	☐	50.000	54.206	816115.64	0.0585	P	1.3
4	☐	125.000	126.558	1889615.65	0.1366	A	0.2
5	☐	250.000	267.893	3966386.50	0.2892	A	0.2
6	☐	500.000	512.387	7608259.82	0.5532	A	0.5
7	☐	1000.000	988.928	14729859.92	1.0676	A	0.8
8	☐			3360.42	0.0003	P	7.8

y = 0.0011 * x + 6.1564E-006
R = 0.9997
DL = 0.001623
BEC = 0.005703

Weight: <None>
Min Conc: 0

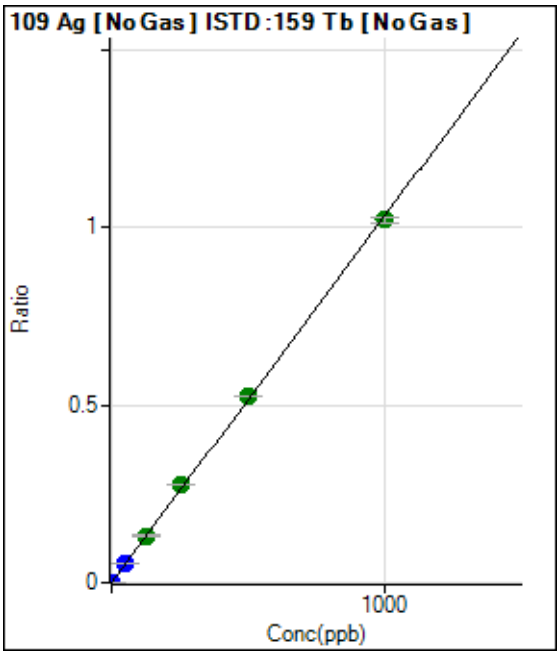


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	33.4
2	☐	1.000	1.094	247.78	0.0000	P	4.9
3	☐	50.000	57.071	12278.60	0.0009	P	0.7
4	☐	125.000	127.088	27104.26	0.0020	P	0.4
5	☐	250.000	263.837	55786.67	0.0041	P	0.6
6	☐	500.000	511.954	108555.37	0.0079	P	0.3
7	☐	1000.000	989.949	210556.33	0.0153	P	1.2
8	☐			113.33	0.0000	P	4.3

y = 1.5415E-005 * x + 7.2010E-007
R = 0.9998
DL = 0.04683
BEC = 0.04671

Weight: <None>
Min Conc: 0

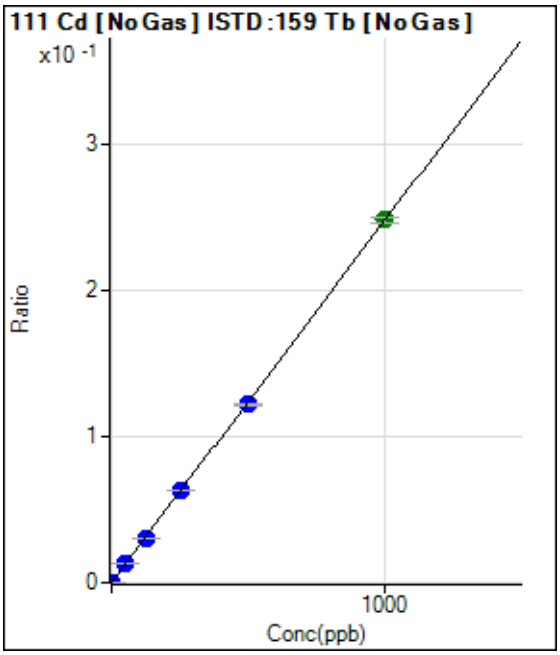
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0000	P	30.5
2	☐	1.000	1.108	16116.84	0.0011	P	1.3
3	☐	50.000	54.441	782310.76	0.0561	P	0.9
4	☐	125.000	128.269	1827941.50	0.1322	A	1.3
5	☐	250.000	267.392	3778476.19	0.2755	A	0.7
6	☐	500.000	509.843	7225673.71	0.5253	A	0.2
7	☐	1000.000	990.100	14075193.12	1.0202	A	1.5
8	☐			3279.30	0.0003	P	10.3

y = 0.0010 * x + 2.5614E-006
R = 0.9998
DL = 0.002277
BEC = 0.002486

Weight: <None>
Min Conc: 0

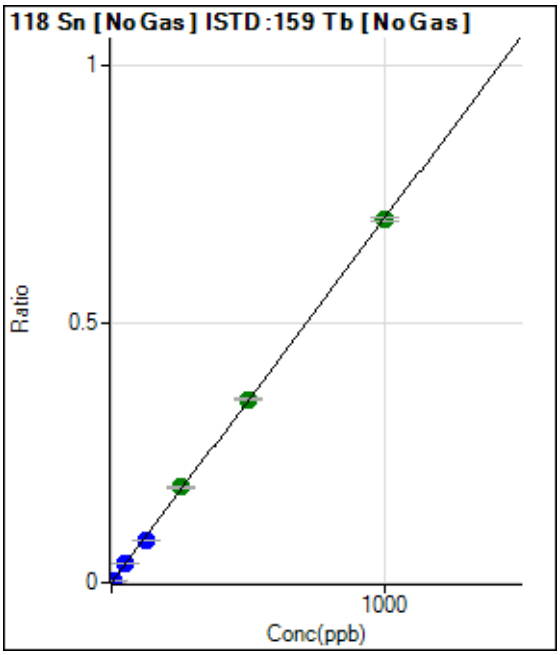


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2132.66	0.0002	P	6.9
2	☐	1.000	1.188	6303.71	0.0004	P	0.6
3	☐	50.000	52.759	184263.13	0.0132	P	0.5
4	☐	125.000	121.219	417090.22	0.0302	P	0.7
5	☐	250.000	255.552	869586.97	0.0634	P	1.0
6	☐	500.000	492.315	1678161.75	0.1220	P	1.2
7	☐	1000.000	1002.789	3426836.65	0.2484	A	1.4
8	☐			2803.47	0.0002	P	5.3

y = 2.4753E-004 * x + 1.5351E-004
R = 0.9999
DL = 0.1279
BEC = 0.6201

Weight: <None>
Min Conc: 0

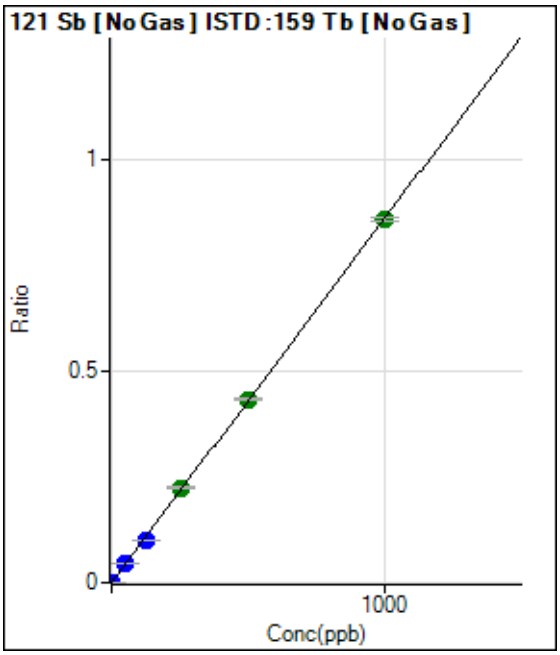
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1461.20	0.0001	P	4.2
2	☐	5.000	5.592	56944.12	0.0040	P	1.0
3	☐	50.000	51.674	508756.88	0.0365	P	1.2
4	☐	125.000	117.369	1144163.57	0.0827	P	0.8
5	☐	250.000	262.111	2532217.63	0.1846	A	0.8
6	☐	500.000	503.561	4877544.17	0.3546	A	1.1
7	☐	1000.000	996.059	9676430.27	0.7013	A	1.0
8	☐			4419.61	0.0003	P	5.0

y = 7.0401E-004 * x + 1.0518E-004
R = 0.9999
DL = 0.01883
BEC = 0.1494

Weight: <None>
Min Conc: 0

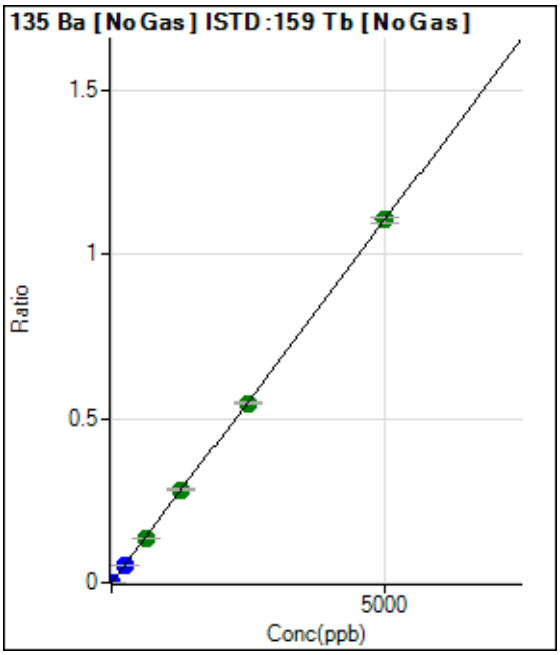


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	9.4
2	☐	2.000	2.198	26634.70	0.0019	P	0.1
3	☐	50.000	50.824	608856.81	0.0437	P	0.7
4	☐	125.000	115.797	1375660.79	0.0995	P	0.7
5	☐	250.000	260.113	3064052.56	0.2234	A	1.2
6	☐	500.000	503.354	5946904.56	0.4324	A	0.9
7	☐	1000.000	996.903	11814952.18	0.8563	A	1.2
8	☐			6359.23	0.0005	P	4.1

y = 8.5900E-004 * x + 2.6395E-006
R = 0.9999
DL = 0.0008692
BEC = 0.003073

Weight: <None>
Min Conc: 0

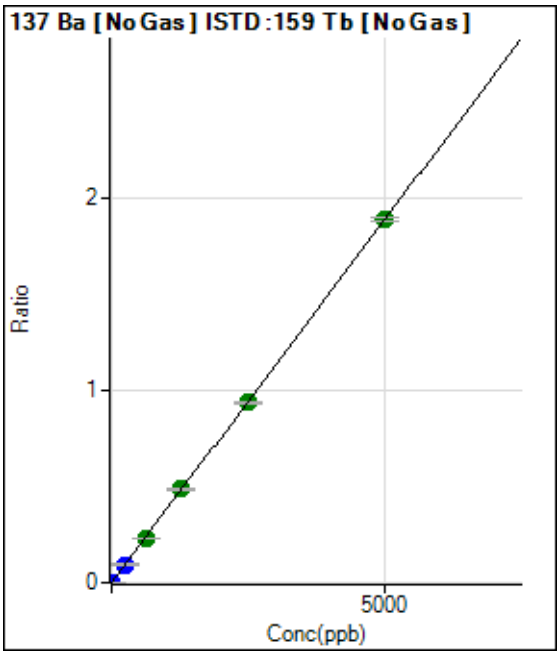
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	34.3
2	☐	10.000	10.614	33000.44	0.0023	P	1.4
3	☐	250.000	250.366	769970.94	0.0552	P	1.3
4	☐	625.000	599.387	1828114.31	0.1322	A	0.2
5	☐	1250.000	1283.911	3883265.19	0.2831	A	0.7
6	☐	2500.000	2476.640	7512290.03	0.5462	A	0.6
7	☐	5000.000	5006.384	15232524.77	1.1041	A	1.4
8	☐			7089.61	0.0005	P	6.9

y = 2.2053E-004 * x + 1.9970E-006
R = 0.9999
DL = 0.009314
BEC = 0.009055

Weight: <None>
Min Conc: 0

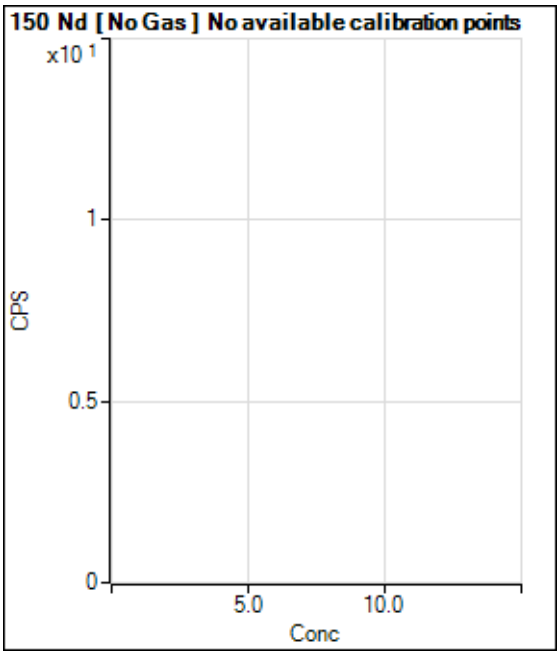


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0000	P	7.7
2	☐	10.000	10.704	56923.28	0.0040	P	0.8
3	☐	250.000	250.701	1318337.88	0.0945	P	1.0
4	☐	625.000	601.598	3137316.83	0.2269	A	0.8
5	☐	1250.000	1286.041	6650724.69	0.4849	A	0.2
6	☐	2500.000	2485.807	12892033.70	0.9374	A	0.8
7	☐	5000.000	5000.975	26017432.39	1.8858	A	1.2
8	☐			12129.69	0.0009	P	1.8

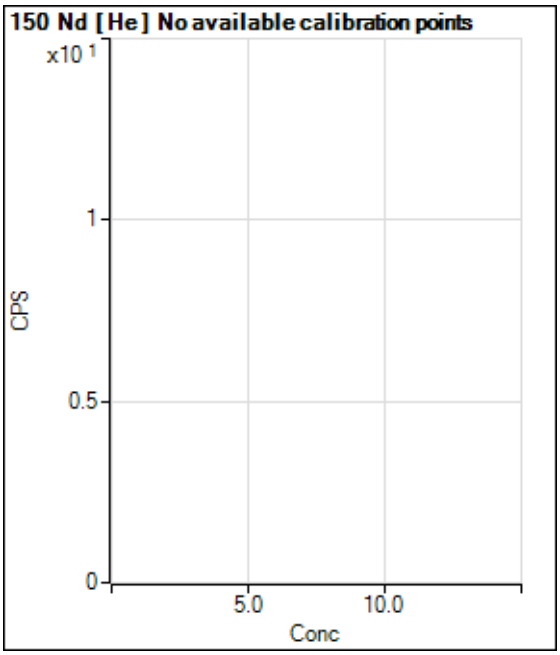
y = 3.7708E-004 * x + 4.6377E-006
R = 0.9999
DL = 0.002847
BEC = 0.0123

Weight: <None>
Min Conc: 0

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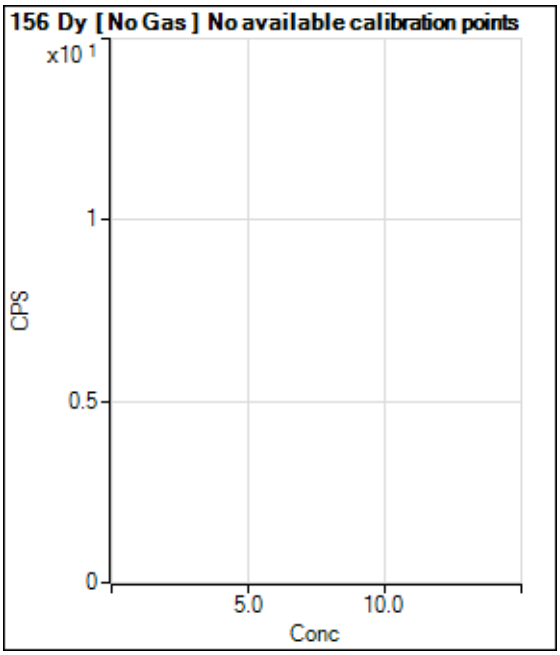


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	100.
3	☐			52.22		P	13.3
4	☐			101.11		P	23.9
5	☐			222.23		P	11.1
6	☐			390.01		P	8.2
7	☐			667.80		P	11.5
8	☐			243.34		P	14.3

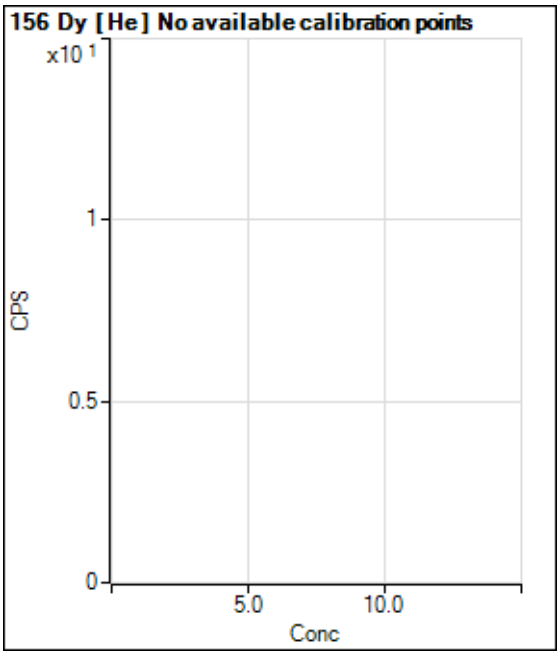


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	0.0
2	☐			3.33		P	100.
3	☐			13.34		P	43.3
4	☐			23.33		P	37.8
5	☐			47.78		P	14.5
6	☐			98.89		P	23.7
7	☐			173.34		P	25.4
8	☐			152.23		P	9.9

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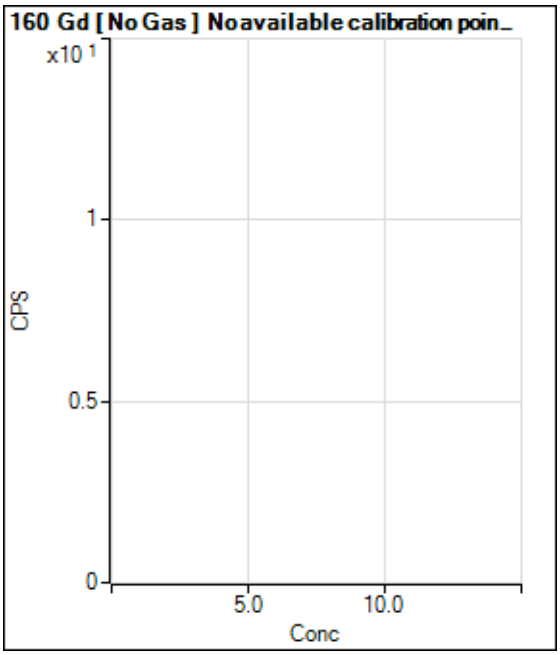


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	66.7
2	☐			14.44		P	35.3
3	☐			31.11		P	44.6
4	☐			43.33		P	50.4
5	☐			60.00		P	5.5
6	☐			130.00		P	11.7
7	☐			236.67		P	10.2
8	☐			421.12		P	3.0

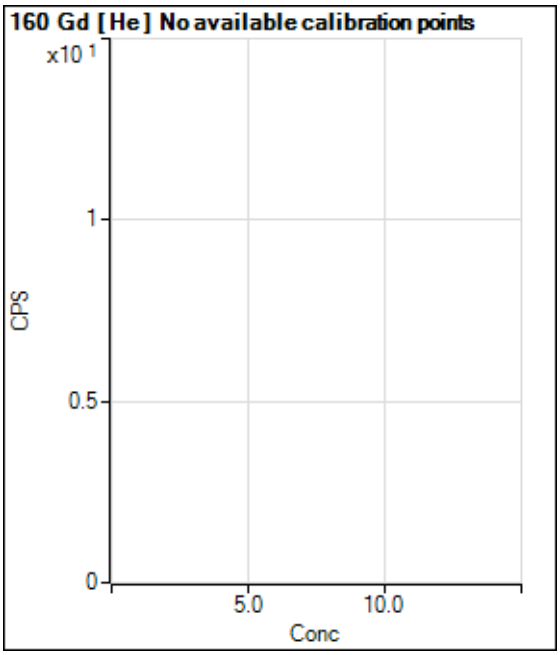


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	21.6
2	☐			14.44		P	58.1
3	☐			46.67		P	58.5
4	☐			77.78		P	17.8
5	☐			212.22		P	22.0
6	☐			363.34		P	0.9
7	☐			756.70		P	7.3
8	☐			343.34		P	2.6

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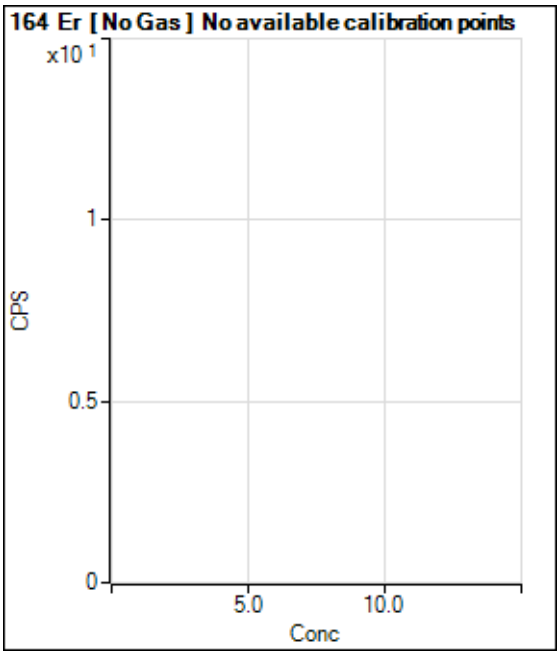


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			43.33		P	27.7
2	☐			52.22		P	22.4
3	☐			42.22		P	44.9
4	☐			64.44		P	21.5
5	☐			61.11		P	13.7
6	☐			97.78		P	17.2
7	☐			133.33		P	18.0
8	☐			428.90		P	3.5

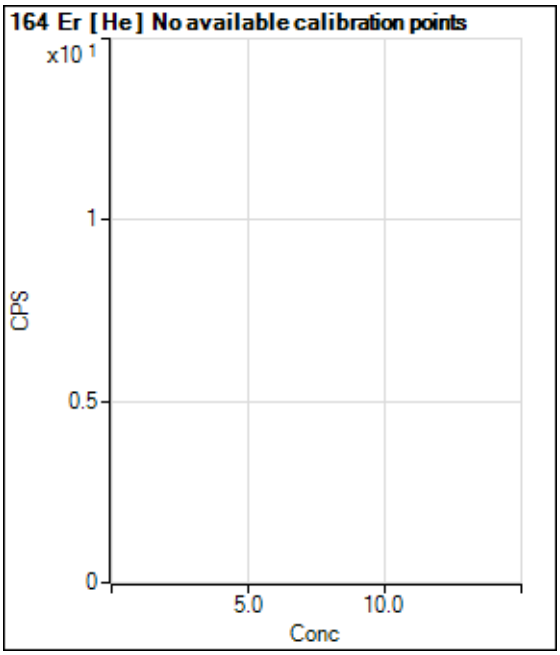


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			511.13		P	9.5
2	☐			557.80		P	5.8
3	☐			567.80		P	2.4
4	☐			550.02		P	6.3
5	☐			582.24		P	8.8
6	☐			555.58		P	11.7
7	☐			567.79		P	8.3
8	☐			862.26		P	3.1

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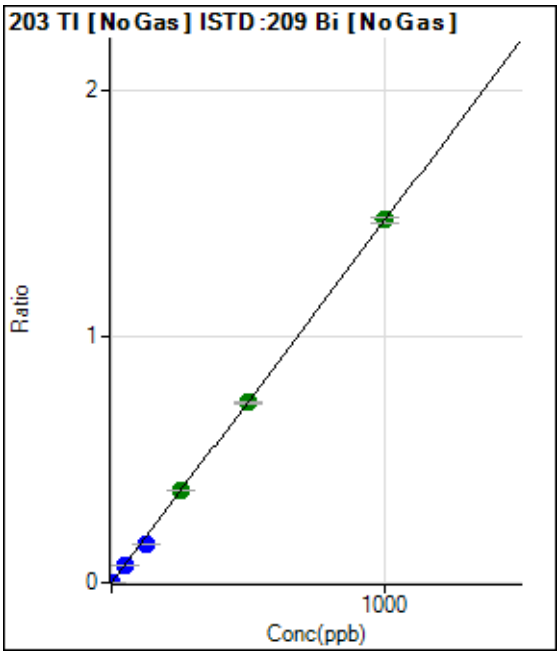


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			56.67		P	15.6
2	☐			60.00		P	14.7
3	☐			67.78		P	32.0
4	☐			63.33		P	22.9
5	☐			73.33		P	27.7
6	☐			112.22		P	27.6
7	☐			178.89		P	15.8
8	☐			492.24		P	1.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			36.66		P	15.7
2	☐			41.11		P	24.8
3	☐			50.00		P	29.1
4	☐			58.89		P	8.6
5	☐			53.33		P	6.3
6	☐			88.89		P	17.3
7	☐			128.89		P	27.4
8	☐			358.90		P	10.8

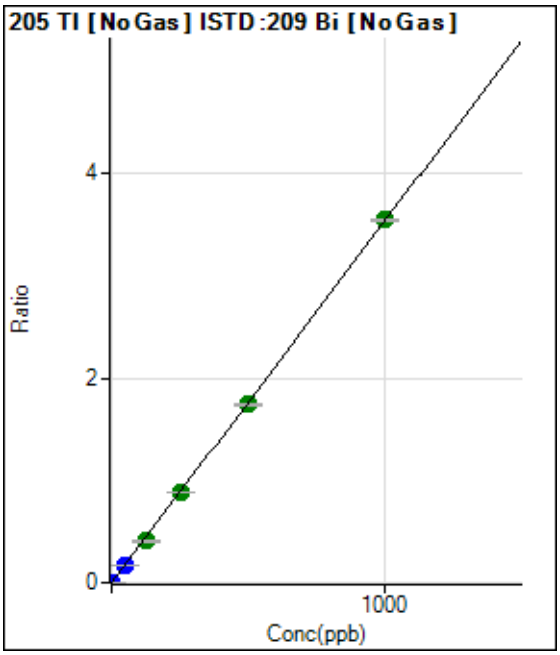
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	154.45	0.0000	P	9.5
2	☐	1.000	0.980	12066.57	0.0015	P	1.4
3	☐	50.000	46.131	562316.16	0.0679	P	2.1
4	☐	125.000	106.391	1295371.58	0.1566	P	1.4
5	☐	250.000	253.821	3080651.72	0.3735	A	1.0
6	☐	500.000	498.437	6099681.23	0.7335	A	0.7
7	☐	1000.000	1002.346	12076888.57	1.4750	A	1.5
8	☐			2076.85	0.0003	P	15.1

y = 0.0015 * x + 1.8902E-005
R = 0.9998
DL = 0.003649
BEC = 0.01285

Weight: <None>
Min Conc: 0

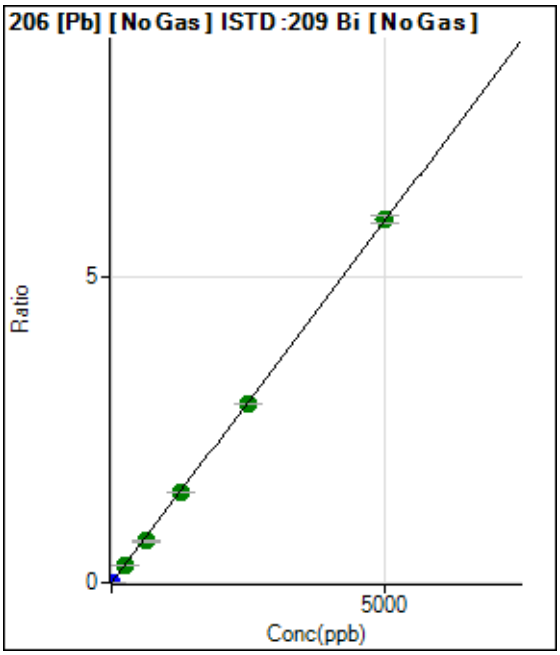


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278.90	0.0000	P	11.2
2	☐	1.000	0.962	28302.77	0.0034	P	1.0
3	☐	50.000	45.674	1334391.62	0.1611	P	0.9
4	☐	125.000	114.955	3354497.31	0.4055	A	1.3
5	☐	250.000	250.457	7285522.53	0.8833	A	0.6
6	☐	500.000	493.461	14473632.15	1.7404	A	0.7
7	☐	1000.000	1004.627	29010359.84	3.5432	A	0.8
8	☐			4846.47	0.0007	P	15.3

y = 0.0035 * x + 3.4141E-005
R = 0.9999
DL = 0.003255
BEC = 0.009681

Weight: <None>
Min Conc: 0

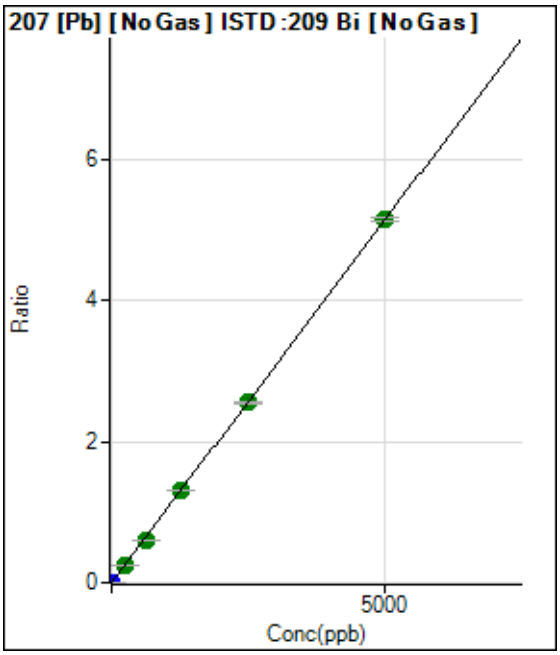
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.34	0.0001	P	16.1
2	☐	1.000	0.988	10037.13	0.0012	P	2.2
3	☐	250.000	246.811	2410137.95	0.2910	A	1.4
4	☐	625.000	575.920	5617553.32	0.6790	A	1.6
5	☐	1250.000	1252.362	12176831.48	1.4764	A	1.1
6	☐	2500.000	2474.789	24262663.25	2.9175	A	0.9
7	☐	5000.000	5018.309	48439133.17	5.9160	A	2.1
8	☐			12896.24	0.0018	P	7.1

y = 0.0012 * x + 5.0615E-005
R = 0.9999
DL = 0.02074
BEC = 0.04293

Weight: <None>
Min Conc: 0

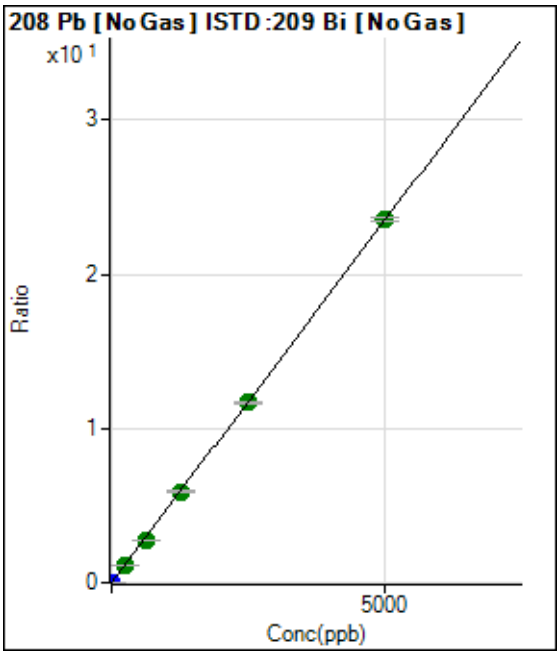


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.12	0.0000	P	6.6
2	☐	1.000	0.972	8571.67	0.0010	P	0.8
3	☐	250.000	248.227	2110007.56	0.2548	A	0.9
4	☐	625.000	581.197	4934740.41	0.5965	A	1.3
5	☐	1250.000	1265.525	10711225.54	1.2987	A	0.5
6	☐	2500.000	2486.766	21222778.85	2.5519	A	0.6
7	☐	5000.000	5008.300	42081157.70	5.1395	A	0.9
8	☐			11295.91	0.0016	P	6.5

y = 0.0010 * x + 4.0538E-005
R = 0.9999
DL = 0.007851
BEC = 0.0395

Weight: <None>
Min Conc: 0

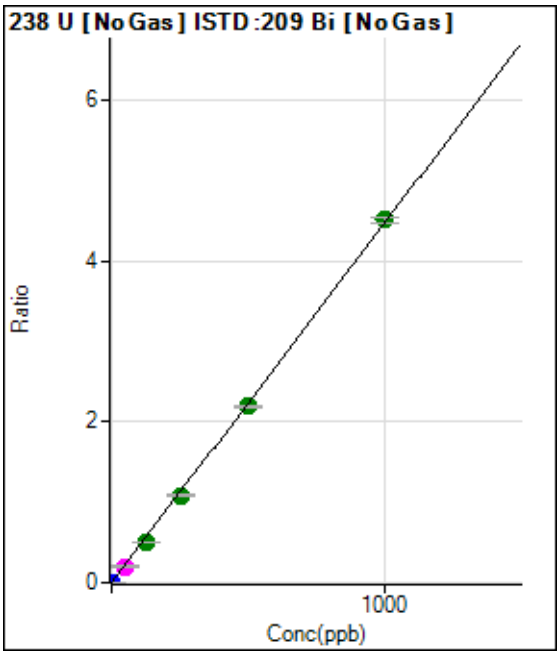
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1634.50	0.0002	P	8.5
2	☐	1.000	0.969	39208.96	0.0047	P	1.4
3	☐	250.000	248.241	9652161.92	1.1654	A	1.1
4	☐	625.000	578.383	22463291.60	2.7151	A	1.3
5	☐	1250.000	1258.659	48729427.47	5.9083	A	0.7
6	☐	2500.000	2484.842	97001287.44	11.6641	A	1.2
7	☐	5000.000	5011.329	192605287.13	23.5234	A	1.2
8	☐			51180.26	0.0072	P	6.6

y = 0.0047 * x + 2.0012E-004
R = 0.9999
DL = 0.01085
BEC = 0.04263

Weight: <None>
Min Conc: 0

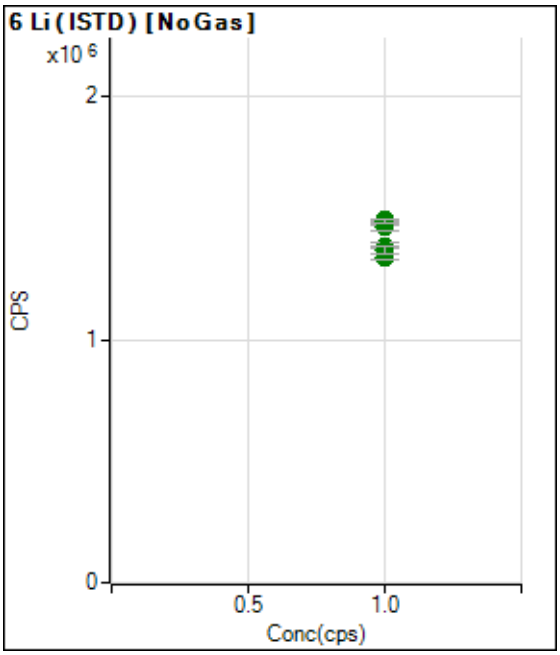


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0000	P	12.8
2	☐	1.000	0.916	33844.34	0.0041	P	2.0
3	☐	50.000	45.446	1683872.55	0.2033	M	5.0
4	☐	125.000	110.823	4102500.43	0.4958	A	0.4
5	☐	250.000	242.415	8945083.76	1.0846	A	1.0
6	☐	500.000	489.886	18227369.17	2.1918	A	1.1
7	☐	1000.000	1008.953	36959996.12	4.5141	A	1.8
8	☐			5517.89	0.0008	P	16.1

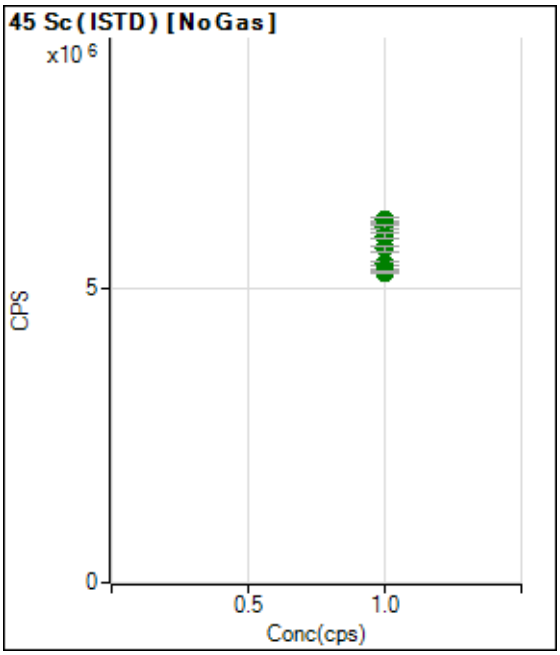
y = 0.0045 * x + 1.9049E-006
R = 0.9998
DL = 0.0001631
BEC = 0.0004258

Weight: <None>
Min Conc: 0

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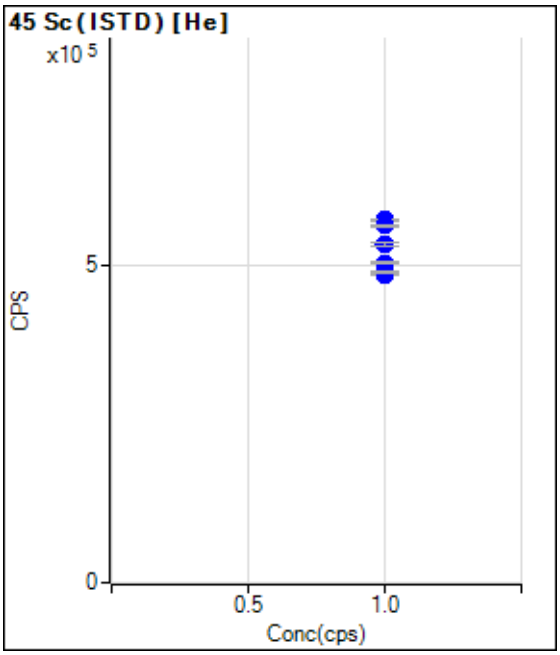


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1339895.07		A	2.0
2	☐	1.000		1367300.74		A	1.7
3	☐	1.000		1388341.54		A	1.3
4	☐	1.000		1460436.06		A	1.3
5	☐	1.000		1493245.88		A	0.5
6	☐	1.000		1492913.75		A	0.3
7	☐	1.000		1488153.16		A	1.2
8	☐	1.000		1369265.07		A	2.2

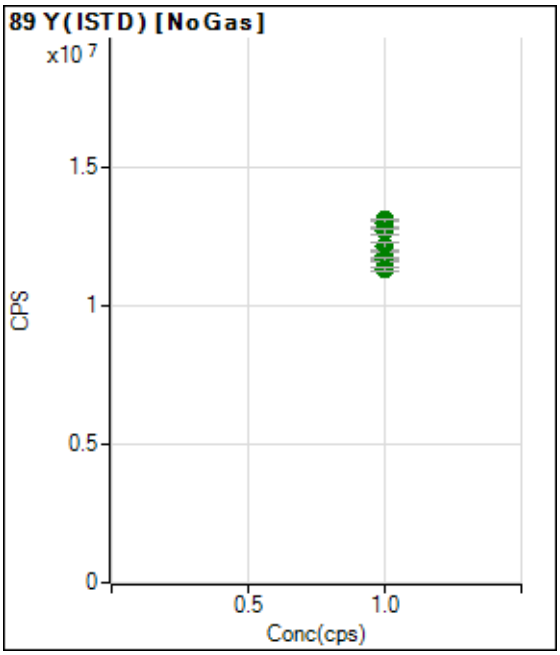


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6135053.52		A	0.4
2	☐	1.000		6176553.66		A	1.3
3	☐	1.000		6054034.01		A	0.9
4	☐	1.000		5896997.69		A	1.6
5	☐	1.000		5680056.44		A	1.9
6	☐	1.000		5421068.19		A	1.2
7	☐	1.000		5335881.87		A	0.5
8	☐	1.000		5277560.20		A	0.8

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On:12/24/2024 3:55:48 AM
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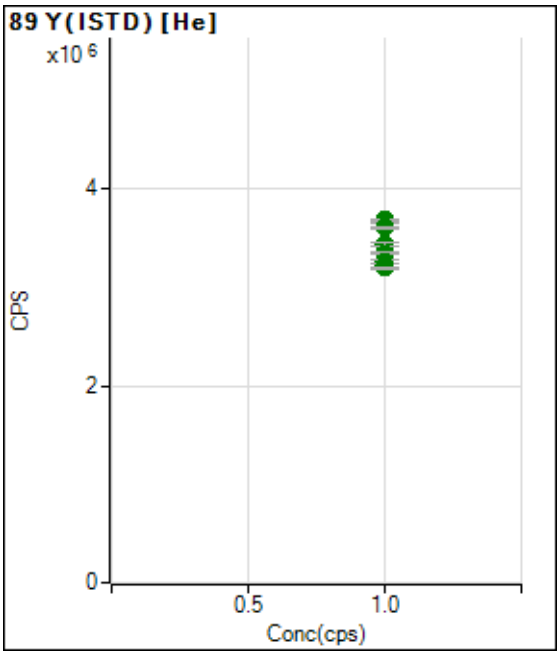


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1	☐	1.000		569225.06		P	0.5
2	☐	1.000		570835.41		P	0.6
3	☐	1.000		561475.99		P	0.4
4	☐	1.000		531372.31		P	1.2
5	☐	1.000		502543.38		P	0.7
6	☐	1.000		484153.60		P	0.3
7	☐	1.000		483660.57		P	0.3
8	☐	1.000		488560.90		P	0.2

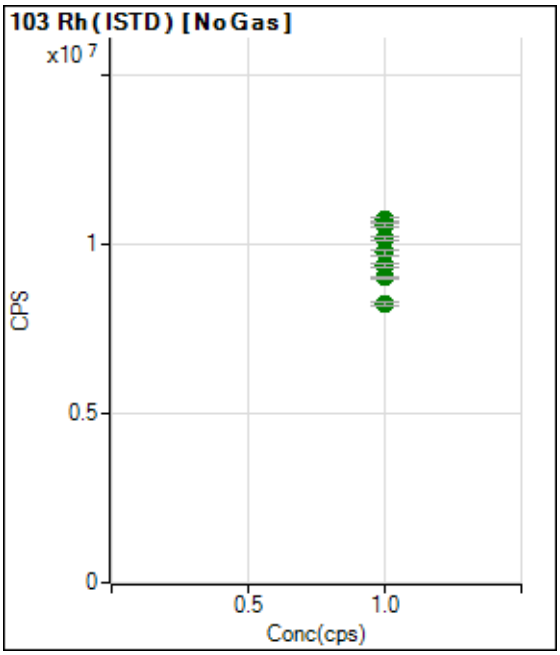


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13071677.17		A	0.6
2	☐	1.000		13016435.08		A	0.3
3	☐	1.000		12945276.47		A	2.0
4	☐	1.000		12645232.87		A	1.7
5	☐	1.000		12123678.01		A	1.8
6	☐	1.000		11780770.38		A	2.1
7	☐	1.000		11644170.52		A	1.2
8	☐	1.000		11282163.16		A	1.2

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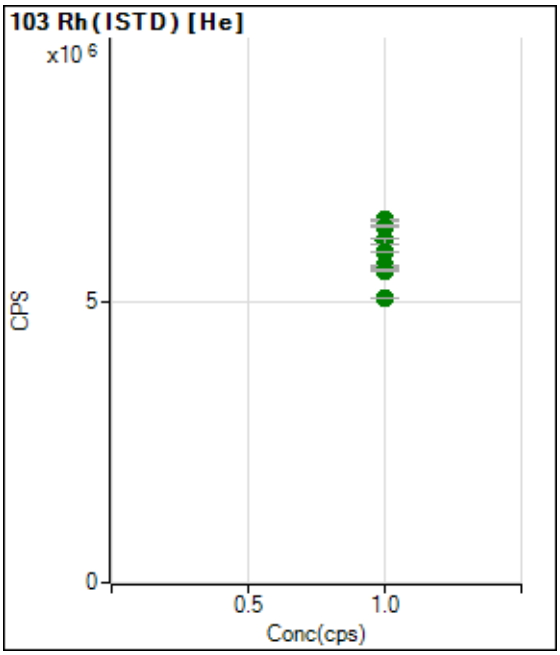


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3674046.85		A	0.9
2	☐	1.000		3683893.31		A	0.4
3	☐	1.000		3606871.79		A	0.8
4	☐	1.000		3439113.35		A	1.3
5	☐	1.000		3341382.90		A	0.7
6	☐	1.000		3261437.87		A	1.1
7	☐	1.000		3217188.77		A	1.1
8	☐	1.000		3194327.97		A	1.0

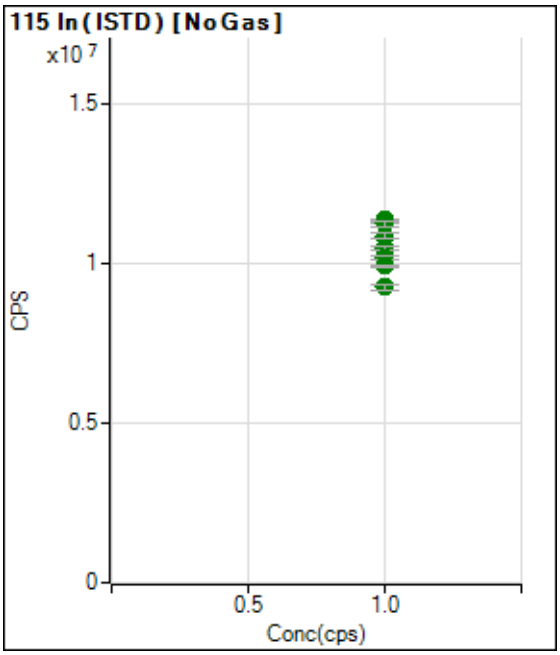


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10646171.30		A	0.7
2	☐	1.000		10733247.06		A	1.2
3	☐	1.000		10571932.55		A	1.4
4	☐	1.000		10187662.14		A	1.3
5	☐	1.000		9766839.23		A	1.5
6	☐	1.000		9392423.20		A	1.1
7	☐	1.000		9023077.57		A	1.1
8	☐	1.000		8258472.31		A	1.2

Reviewed By:Jaswal
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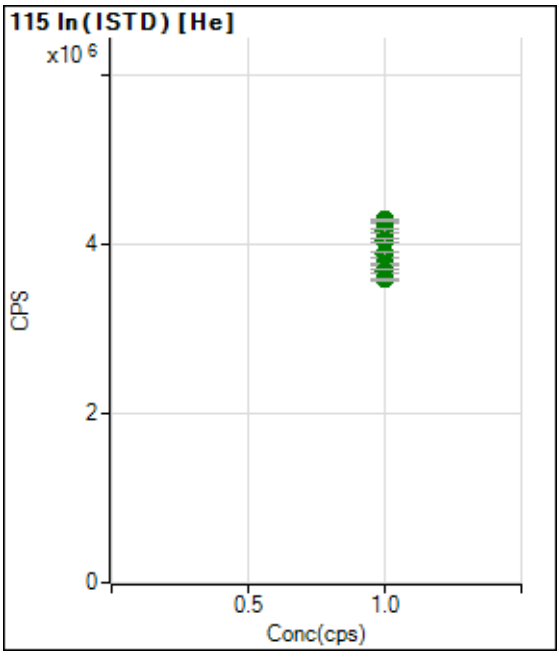


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1	☐	1.000		6479374.21		A	0.4
2	☐	1.000		6464829.49		A	0.7
3	☐	1.000		6365466.15		A	0.6
4	☐	1.000		6108157.20		A	1.7
5	☐	1.000		5909863.52		A	0.2
6	☐	1.000		5664765.89		A	0.6
7	☐	1.000		5567531.31		A	0.7
8	☐	1.000		5086652.18		A	0.2

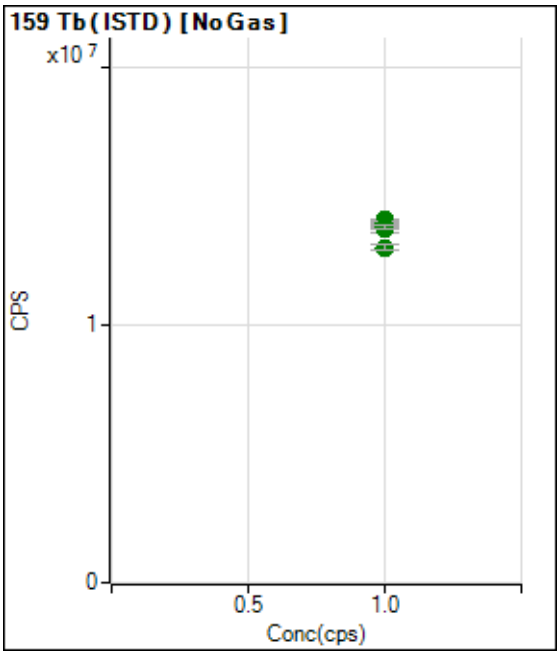


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11380146.53		A	0.6
2	☐	1.000		11329687.32		A	0.7
3	☐	1.000		11265333.30		A	1.8
4	☐	1.000		10868529.03		A	1.8
5	☐	1.000		10492354.67		A	0.7
6	☐	1.000		10175002.67		A	1.1
7	☐	1.000		9939330.96		A	0.4
8	☐	1.000		9261623.59		A	1.7

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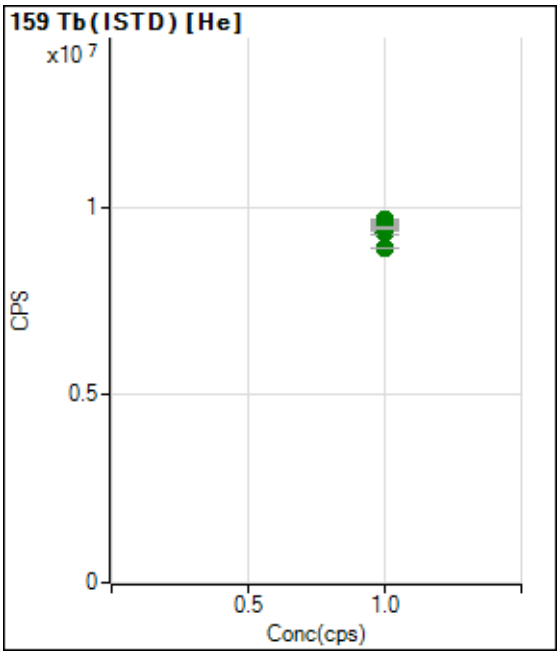


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1	☐	1.000		4259416.94		A	0.6
2	☐	1.000		4292484.76		A	0.7
3	☐	1.000		4169514.11		A	1.2
4	☐	1.000		4041978.91		A	1.2
5	☐	1.000		3880378.30		A	1.5
6	☐	1.000		3771233.98		A	0.4
7	☐	1.000		3677807.30		A	1.1
8	☐	1.000		3586211.70		A	0.3

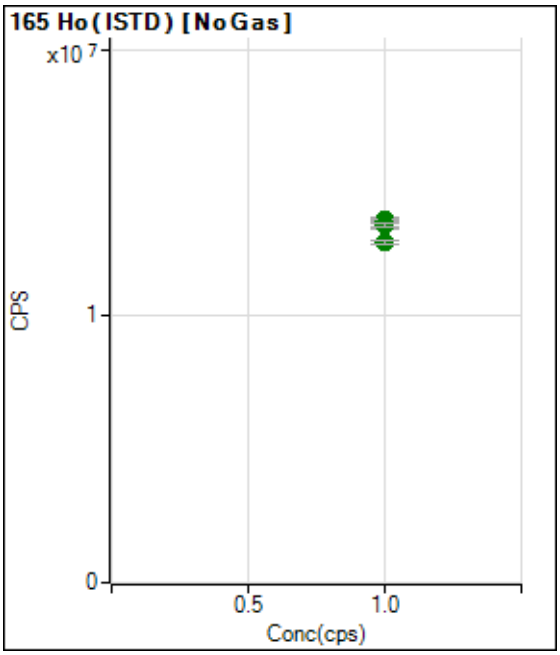


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13894184.79		A	0.5
2	☐	1.000		14086918.40		A	0.6
3	☐	1.000		13945765.07		A	1.0
4	☐	1.000		13829817.43		A	0.5
5	☐	1.000		13714532.99		A	1.3
6	☐	1.000		13754039.52		A	0.7
7	☐	1.000		13797739.93		A	1.3
8	☐	1.000		13005575.92		A	1.8

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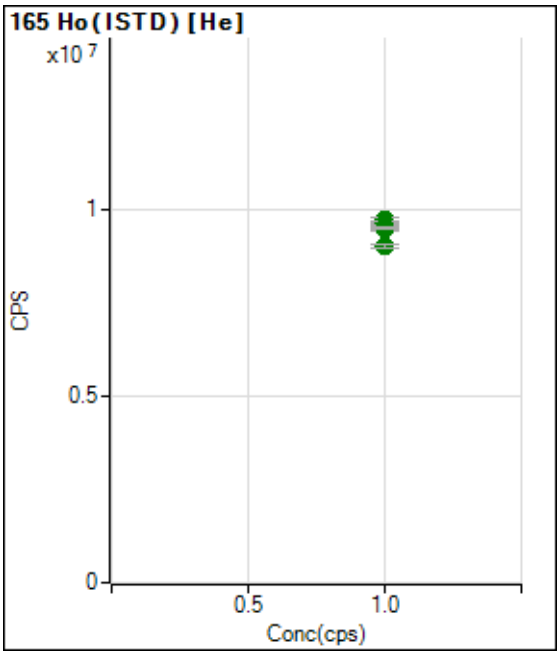


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9604679.44		A	1.1
2	☐	1.000		9661592.56		A	0.2
3	☐	1.000		9593169.16		A	0.3
4	☐	1.000		9517372.71		A	0.6
5	☐	1.000		9471588.05		A	0.3
6	☐	1.000		9331060.83		A	0.9
7	☐	1.000		9438634.44		A	0.7
8	☐	1.000		8893901.12		A	0.2

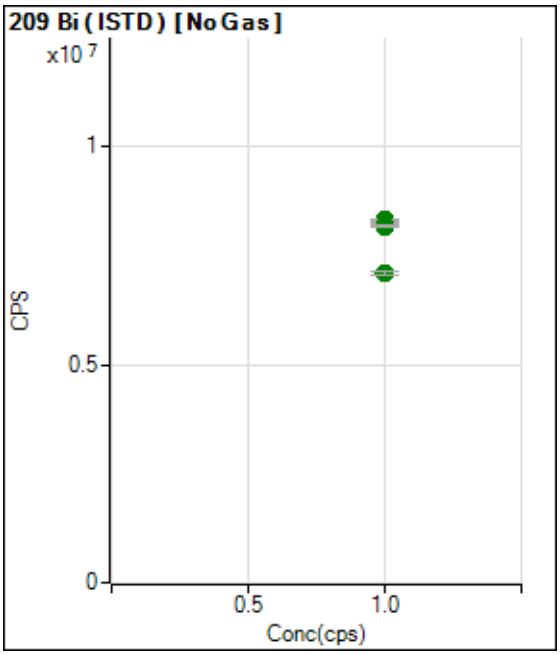


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13557561.19		A	0.9
2	☐	1.000		13589402.58		A	0.7
3	☐	1.000		13599169.10		A	1.2
4	☐	1.000		13553729.24		A	1.5
5	☐	1.000		13525554.38		A	1.1
6	☐	1.000		13382162.30		A	1.5
7	☐	1.000		13407395.36		A	0.7
8	☐	1.000		12767908.01		A	1.1

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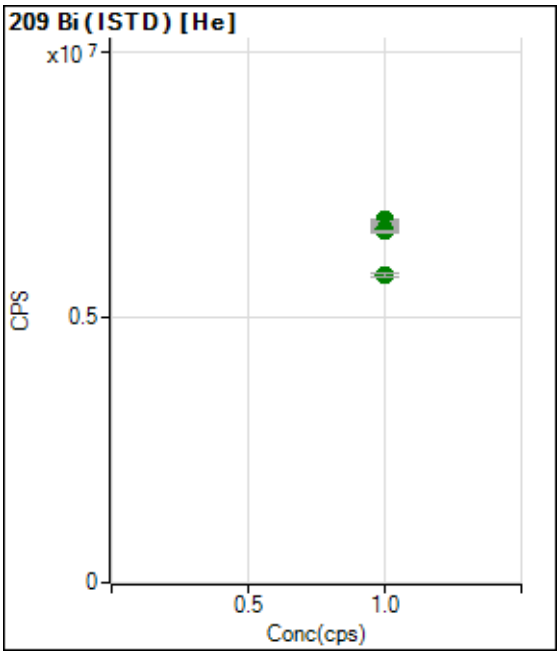


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9646036.66		A	1.1
2	☐	1.000		9703219.23		A	0.2
3	☐	1.000		9741688.40		A	1.3
4	☐	1.000		9640718.12		A	1.0
5	☐	1.000		9543109.23		A	1.3
6	☐	1.000		9477647.01		A	0.8
7	☐	1.000		9531493.54		A	0.3
8	☐	1.000		9039356.74		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8169688.07		A	0.5
2	☐	1.000		8257542.52		A	1.3
3	☐	1.000		8282523.83		A	0.9
4	☐	1.000		8274282.10		A	1.3
5	☐	1.000		8247733.07		A	0.5
6	☐	1.000		8316419.60		A	0.5
7	☐	1.000		8187725.16		A	0.3
8	☐	1.000		7101283.23		A	0.9

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6819891.08		A	1.4
2	☐	1.000		6846218.23		A	0.1
3	☐	1.000		6826204.07		A	0.4
4	☐	1.000		6798850.25		A	0.6
5	☐	1.000		6683954.00		A	0.7
6	☐	1.000		6694602.88		A	1.1
7	☐	1.000		6635004.21		A	0.4
8	☐	1.000		5799485.82		A	1.5

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7
ClientSampleId :TUNE006

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7122124MS-1.b
Acq. Date-Time	2024-12-21 15:35:47
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		6725	67253.30			0.578	5.000
24		220790	2207899.83			1.115	5.000
25		27508	275084.46			0.452	5.000
26		31511	315114.35			0.282	5.000
59		88106	881055.74			0.393	5.000
113		11343	113428.71			0.728	5.000
115		147076	1470764.46			0.439	5.000
206		28753	287529.77			0.824	5.000
207		25069	250688.22			0.543	5.000
208		59750	597501.24			0.352	5.000
220		0	3.20			35.972	

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	6667	6711	6727	6761	6760
24	219710	218589	218762	223549	223340
25	27463	27566	27323	27534	27656
26	31458	31590	31412	31478	31618
59	88490	88098	87891	87655	88394
113	11429	11406	11340	11322	11218
115	147758	147782	146739	146407	146696
206	29007	28954	28458	28772	28574
207	25263	25144	24915	24997	25025
208	59976	59748	59422	59724	59880

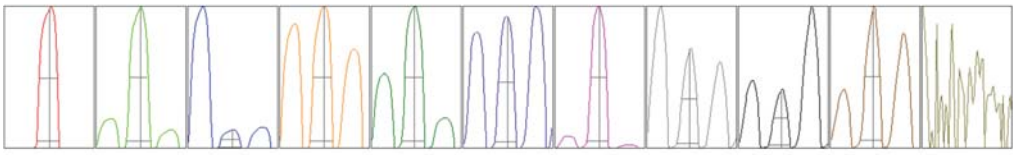
Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7
ClientSampleId :TUNE006

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	11773.92	9.05	8.90 - 9.10	
24	372358.09	24.00	23.90 - 24.10	
25	46887.08	25.00	24.90 - 25.10	
26	53403.84	26.00	25.90 - 26.10	
59	151466.27	58.95	58.90 - 59.10	
113	22172.28	113.00	112.90 - 113.10	
115	286165.85	115.00	114.90 - 115.10	
206	59374.54	205.95	205.90 - 206.10	
207	51890.18	206.95	206.90 - 207.10	
208	124584.17	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.738	0.900	
24	0.63	0.816	0.900	
25	0.62	0.752	0.900	
26	0.62	0.780	0.900	
59	0.60	0.782	0.900	
113	0.52	0.731	0.900	
115	0.52	0.728	0.900	
206	0.49	0.733	0.900	
207	0.49	0.732	0.900	
208	0.50	0.746	0.900	
220				

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

Tune Parameters

Plasma Parameters

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

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7
ClientSampleId :TUNE006

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	16.4 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.15		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	0.3 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		29700	296996.67			0.429	
89		52669	526693.36			0.654	
205		31181	311809.14			0.510	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	29879	29756	29642	29538	29683
89	53155	52884	52297	52494	52516
205	31446	31176	31149	31022	31112

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	9.0 V	Deflect	3.8 V

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7
ClientSampleId :TUNE006

US EPA Tune Check Report

Extract 2	-140.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.15		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	0.3 mm

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:08:12	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.08	-0.04	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	0.00	0.00	0.00	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	0.02	0.00	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.73	-0.01	-0.72	0.00	N/A	ppb
Cadmium	111-1	0.04	0.00	-0.04	0.00	N/A	ppb
Calcium	43-1	-0.96	0.76	0.19	0.00	N/A	ppb
Calcium	44-1	0.07	0.12	-0.19	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-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	0.03	-0.01	-0.02	0.00	N/A	ppb
Iron	57-2	-0.32	-0.29	0.61	0.00	N/A	ppb
Iron	54-2	0.67	0.20	-0.88	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:08:12	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	-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	0.02	0.00	-0.02	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-14.88	-17.99	-20.54	-17.80		ppb
Potassium	39-2	-0.27	1.07	-0.80	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.07	-0.09	0.15	0.00	N/A	ppb
Selenium	77-2	-0.05	0.10	-0.05	0.00	N/A	ppb
Selenium	78-2	0.49	0.04	-0.53	0.00	N/A	ppb
Silicon	28-1	0.13	0.25	-0.39	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.03	-0.32	0.29	0.00	N/A	ppb
Strontium	86-1	-0.22	0.46	-0.24	0.00	N/A	ppb
Strontium	88-1	0.01	0.01	-0.02	0.00	N/A	ppb
Sulfur	34-1	-52.04	20.18	-57.81	-29.89		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.02	0.00	N/A	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:08:12	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	0.00	-0.02	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:14:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.62	20.12	20.95	20.56	2.04	ppb
Antimony	121-1	2.20	2.20	2.20	2.20	0.06	ppb
Arsenic	75-2	1.21	1.24	1.25	1.23	1.42	ppb
Barium	135-1	10.61	10.46	10.77	10.61	1.44	ppb
Barium	137-1	10.62	10.69	10.80	10.70	0.85	ppb
Beryllium	9-1	1.18	1.21	1.18	1.19	1.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.11	1.03	1.09	5.12	ppb
Cadmium	106-1	2.00	0.77	1.98	1.58	44.46	ppb
Cadmium	111-1	1.20	1.17	1.19	1.19	0.98	ppb
Calcium	43-1	564.77	558.77	577.83	567.12	1.72	ppb
Calcium	44-1	558.29	559.94	568.44	562.22	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.23	2.17	2.25	2.21	1.92	ppb
Cobalt	59-2	1.17	1.16	1.17	1.17	0.75	ppb
Copper	63-2	2.10	2.06	2.08	2.08	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	57.24	57.15	57.64	57.34	0.45	ppb
Iron	57-2	60.64	57.27	60.66	59.53	3.28	ppb
Iron	54-2	58.23	59.99	59.83	59.35	1.64	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:14:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	1.01	0.97	0.99	2.27	ppb
Lead	207-1	0.97	0.98	0.97	0.97	0.84	ppb
Lead	208-1	0.95	0.98	0.97	0.97	1.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	530.01	526.12	533.98	530.04	0.74	ppb
Manganese	55-2	1.15	1.09	1.07	1.10	3.64	ppb
Molybdenum	94-1	6.22	6.11	6.09	6.14	1.14	ppb
Molybdenum	95-1	5.32	5.31	5.32	5.32	0.12	ppb
Molybdenum	96-1	5.45	5.44	5.29	5.39	1.64	ppb
Molybdenum	97-1	5.20	5.22	5.14	5.19	0.87	ppb
Molybdenum	98-1	5.24	5.24	5.28	5.25	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.13	1.08	1.14	6.36	ppb
Phosphorus	31-2	16.58	16.30	20.52	17.80	13.25	ppb
Potassium	39-2	553.41	551.23	562.97	555.87	1.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	6.26	5.51	5.44	5.74	7.89	ppb
Selenium	77-2	6.19	5.88	5.31	5.79	7.72	ppb
Selenium	78-2	6.36	6.02	7.36	6.58	10.63	ppb
Silicon	28-1	1.35	1.82	2.42	1.87	28.87	ppb
Silver	107-1	1.12	1.11	1.10	1.11	1.23	ppb
Silver	109-1	1.11	1.09	1.12	1.11	1.32	ppb
Sodium	23-2	509.02	511.64	516.39	512.35	0.73	ppb
Strontium	86-1	27.07	28.19	26.78	27.35	2.72	ppb
Strontium	88-1	26.87	26.47	26.71	26.68	0.75	ppb
Sulfur	34-1	-37.81	21.24	106.24	29.89	242.28	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.97	1.00	0.98	1.39	ppb
Thallium	205-1	0.96	0.97	0.96	0.96	0.98	ppb
Tin	118-1	5.60	5.65	5.53	5.59	1.01	ppb
Titanium	47-1	5.33	5.42	5.33	5.36	1.04	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:14:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.93	0.92	0.92	2.02	ppb
Vanadium	51-2	5.58	5.46	5.55	5.53	1.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	5.58	5.20	5.56	5.45	3.91	ppb
Zirconium	90-1	1.05	1.04	1.05	1.05	0.87	ppb
Zirconium	91-1	1.03	1.08	1.02	1.04	3.04	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:18:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	962.41	960.83	945.39	956.21	0.98	ppb
Antimony	121-1	50.44	51.20	50.83	50.82	0.74	ppb
Arsenic	75-2	52.92	51.78	51.50	52.07	1.45	ppb
Barium	135-1	247.86	253.91	249.32	250.37	1.26	ppb
Barium	137-1	248.31	253.21	250.59	250.70	0.98	ppb
Beryllium	9-1	54.64	54.76	56.19	55.20	1.56	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.68	57.42	57.11	57.07	0.65	ppb
Cadmium	106-1	57.18	57.03	55.17	56.46	1.98	ppb
Cadmium	111-1	52.71	53.04	52.52	52.76	0.50	ppb
Calcium	43-1	5249.27	5281.18	5298.69	5276.38	0.47	ppb
Calcium	44-1	5056.47	5039.31	5183.42	5093.06	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.85	50.46	49.84	50.05	0.71	ppb
Cobalt	59-2	49.98	50.48	49.86	50.11	0.65	ppb
Copper	63-2	520.23	520.99	505.88	515.70	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	2616.99	2613.06	2597.47	2609.17	0.40	ppb
Iron	57-2	2596.63	2605.82	2594.24	2598.90	0.24	ppb
Iron	54-2	2654.23	2681.67	2643.41	2659.77	0.74	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:18:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	242.95	248.69	248.79	246.81	1.35	ppb
Lead	207-1	246.52	247.49	250.67	248.23	0.87	ppb
Lead	208-1	246.15	247.36	251.22	248.24	1.07	ppb
Lithium	6-1				104		%
Magnesium	24-2	4781.20	4773.09	4720.06	4758.11	0.70	ppb
Manganese	55-2	500.56	499.16	495.92	498.55	0.48	ppb
Molybdenum	94-1	494.34	502.38	502.77	499.83	0.95	ppb
Molybdenum	95-1	493.37	508.55	503.63	501.85	1.54	ppb
Molybdenum	96-1	496.00	503.26	494.36	497.87	0.95	ppb
Molybdenum	97-1	492.66	502.39	500.62	498.56	1.04	ppb
Molybdenum	98-1	491.24	501.81	498.76	497.27	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.77	50.73	50.82	50.77	0.09	ppb
Phosphorus	31-2	1040.02	1025.55	1043.73	1036.43	0.93	ppb
Potassium	39-2	2529.02	2544.24	2482.34	2518.53	1.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	50.54	54.20	53.22	52.65	3.60	ppb
Selenium	77-2	54.93	50.99	56.86	54.26	5.51	ppb
Selenium	78-2	53.64	53.18	54.26	53.70	1.01	ppb
Silicon	28-1	67.67	67.30	65.78	66.92	1.50	ppb
Silver	107-1	53.74	55.04	53.84	54.21	1.33	ppb
Silver	109-1	54.15	54.99	54.18	54.44	0.87	ppb
Sodium	23-2	4943.54	4950.69	4884.38	4926.20	0.74	ppb
Strontium	86-1	1187.71	1240.19	1229.74	1219.21	2.28	ppb
Strontium	88-1	1256.17	1263.00	1253.67	1257.61	0.38	ppb
Sulfur	34-1	999.18	1071.45	1058.01	1042.88	3.69	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	45.36	45.84	47.19	46.13	2.06	ppb
Thallium	205-1	45.30	45.57	46.15	45.67	0.94	ppb
Tin	118-1	51.27	52.41	51.34	51.67	1.24	ppb
Titanium	47-1	503.20	506.01	504.48	504.57	0.28	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:18:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.22	42.91	47.21	45.45	4.96	ppb
Vanadium	51-2	50.23	49.68	48.79	49.57	1.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	497.18	497.34	489.04	494.52	0.96	ppb
Zirconium	90-1	47.49	49.30	49.02	48.61	2.00	ppb
Zirconium	91-1	47.96	49.58	49.26	48.93	1.76	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:21:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2195.01	2231.35	2229.73	2218.70	0.93	ppb
Antimony	121-1	114.89	116.54	115.96	115.80	0.72	ppb
Arsenic	75-2	119.03	120.39	120.19	119.87	0.61	ppb
Barium	135-1	599.22	600.92	598.02	599.39	0.24	ppb
Barium	137-1	600.69	606.96	597.15	601.60	0.83	ppb
Beryllium	9-1	123.47	122.41	122.36	122.75	0.51	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	126.68	126.93	127.65	127.09	0.40	ppb
Cadmium	106-1	126.82	127.90	124.79	126.50	1.25	ppb
Cadmium	111-1	120.45	122.13	121.07	121.22	0.70	ppb
Calcium	43-1	11998.83	12194.14	12194.01	12128.99	0.93	ppb
Calcium	44-1	11503.24	11707.62	11742.42	11651.09	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.19	116.48	115.60	115.42	1.00	ppb
Cobalt	59-2	114.16	116.00	115.26	115.14	0.81	ppb
Copper	63-2	1175.87	1215.41	1194.28	1195.18	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	5979.07	6056.86	6046.58	6027.50	0.70	ppb
Iron	57-2	5965.50	6099.77	6026.49	6030.59	1.11	ppb
Iron	54-2	6041.02	6187.50	6126.00	6118.17	1.20	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:21:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	565.81	582.89	579.06	575.92	1.56	ppb
Lead	207-1	574.00	588.83	580.76	581.20	1.28	ppb
Lead	208-1	571.10	586.29	577.76	578.38	1.32	ppb
Lithium	6-1				109		%
Magnesium	24-2	10832.66	11131.36	10919.40	10961.14	1.40	ppb
Manganese	55-2	1141.15	1186.44	1149.08	1158.89	2.09	ppb
Molybdenum	94-1	1127.89	1142.15	1157.14	1142.39	1.28	ppb
Molybdenum	95-1	1136.21	1162.17	1162.70	1153.70	1.31	ppb
Molybdenum	96-1	1121.39	1140.47	1165.90	1142.59	1.95	ppb
Molybdenum	97-1	1136.35	1145.45	1148.36	1143.38	0.55	ppb
Molybdenum	98-1	1134.48	1154.60	1140.88	1143.32	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.22	117.30	116.86	116.46	0.94	ppb
Phosphorus	31-2	2315.10	2367.32	2347.14	2343.19	1.12	ppb
Potassium	39-2	5764.66	5816.91	5754.10	5778.55	0.58	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	117.67	118.38	121.31	119.12	1.62	ppb
Selenium	77-2	119.18	118.67	115.10	117.65	1.89	ppb
Selenium	78-2	118.57	122.66	122.57	121.27	1.93	ppb
Silicon	28-1	127.70	131.44	131.66	130.27	1.71	ppb
Silver	107-1	126.50	126.84	126.34	126.56	0.20	ppb
Silver	109-1	129.85	128.53	126.43	128.27	1.35	ppb
Sodium	23-2	11359.33	11526.67	11339.75	11408.58	0.90	ppb
Strontium	86-1	2763.39	2819.24	2852.03	2811.56	1.59	ppb
Strontium	88-1	2861.94	2924.35	2913.78	2900.02	1.15	ppb
Sulfur	34-1	2235.87	2371.03	2308.02	2304.98	2.93	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	105.30	108.06	105.82	106.39	1.38	ppb
Thallium	205-1	113.81	116.58	114.47	114.95	1.26	ppb
Tin	118-1	116.57	118.38	117.16	117.37	0.79	ppb
Titanium	47-1	1137.64	1171.91	1162.19	1157.24	1.53	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:21:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	110.33	111.18	110.96	110.82	0.40	ppb
Vanadium	51-2	114.26	115.42	115.12	114.93	0.52	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	1131.69	1148.81	1151.63	1144.04	0.94	ppb
Zirconium	90-1	113.32	115.51	115.37	114.73	1.07	ppb
Zirconium	91-1	110.91	111.88	114.01	112.27	1.41	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:24:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4894.13	4982.30	4949.09	4941.84	0.90	ppb
Antimony	121-1	257.47	259.17	263.69	260.11	1.24	ppb
Arsenic	75-2	255.21	251.41	253.16	253.26	0.75	ppb
Barium	135-1	1276.28	1294.03	1281.42	1283.91	0.71	ppb
Barium	137-1	1286.04	1283.77	1288.31	1286.04	0.18	ppb
Beryllium	9-1	257.71	258.77	260.00	258.83	0.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	262.15	264.14	265.21	263.84	0.59	ppb
Cadmium	106-1	267.78	266.87	266.63	267.09	0.23	ppb
Cadmium	111-1	254.51	253.80	258.34	255.55	0.96	ppb
Calcium	43-1	25759.76	26548.66	26369.18	26225.87	1.58	ppb
Calcium	44-1	24935.89	25444.01	25392.16	25257.35	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.53	252.46	250.42	250.47	0.78	ppb
Cobalt	59-2	256.22	258.15	256.78	257.05	0.39	ppb
Copper	63-2	2559.08	2577.66	2571.28	2569.34	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				100		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	13122.82	13163.88	13240.35	13175.68	0.45	ppb
Iron	57-2	12912.37	13050.54	13063.40	13008.77	0.64	ppb
Iron	54-2	13161.19	13366.80	13443.49	13323.83	1.10	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:24:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1235.98	1260.98	1260.13	1252.36	1.13	ppb
Lead	207-1	1257.91	1268.61	1270.05	1265.53	0.52	ppb
Lead	208-1	1249.42	1259.05	1267.51	1258.66	0.72	ppb
Lithium	6-1				111		%
Magnesium	24-2	23947.34	24135.74	24279.90	24120.99	0.69	ppb
Manganese	55-2	2525.21	2534.74	2564.63	2541.53	0.81	ppb
Molybdenum	94-1	2433.93	2515.12	2530.14	2493.07	2.08	ppb
Molybdenum	95-1	2446.74	2534.01	2540.14	2506.96	2.08	ppb
Molybdenum	96-1	2474.29	2519.01	2572.91	2522.07	1.96	ppb
Molybdenum	97-1	2442.34	2524.53	2503.00	2489.96	1.71	ppb
Molybdenum	98-1	2464.88	2507.62	2525.28	2499.26	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	249.94	252.58	252.19	251.57	0.57	ppb
Phosphorus	31-2	5113.45	5146.32	5106.37	5122.05	0.42	ppb
Potassium	39-2	12406.95	12458.15	12504.91	12456.67	0.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	82-1	253.81	259.26	260.99	258.02	1.45	ppb
Selenium	77-2	248.17	253.83	256.82	252.94	1.74	ppb
Selenium	78-2	256.09	256.55	261.60	258.08	1.18	ppb
Silicon	28-1	253.24	263.08	260.05	258.79	1.95	ppb
Silver	107-1	267.41	267.80	268.46	267.89	0.20	ppb
Silver	109-1	266.24	266.43	269.51	267.39	0.69	ppb
Sodium	23-2	25054.55	25023.90	25261.86	25113.44	0.52	ppb
Strontium	86-1	6056.67	6168.84	6173.94	6133.15	1.08	ppb
Strontium	88-1	6131.36	6279.26	6309.16	6239.93	1.53	ppb
Sulfur	34-1	4839.11	5046.80	4958.91	4948.27	2.11	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	252.67	256.64	252.15	253.82	0.97	ppb
Thallium	205-1	248.90	252.07	250.41	250.46	0.63	ppb
Tin	118-1	264.51	260.13	261.69	262.11	0.85	ppb
Titanium	47-1	2433.37	2589.37	2538.22	2520.32	3.16	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:24:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	239.69	244.00	243.55	242.42	0.98	ppb
Vanadium	51-2	247.89	250.52	251.54	249.98	0.75	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	2562.92	2626.27	2562.83	2584.00	1.42	ppb
Zirconium	90-1	244.34	246.42	249.01	246.59	0.95	ppb
Zirconium	91-1	239.20	248.58	246.69	244.82	2.03	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:26:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9804.77	9776.07	9727.16	9769.33	0.40	ppb
Antimony	121-1	498.16	507.29	504.61	503.35	0.93	ppb
Arsenic	75-2	498.86	487.92	501.14	495.97	1.42	ppb
Barium	135-1	2468.85	2492.49	2468.58	2476.64	0.55	ppb
Barium	137-1	2462.88	2497.40	2497.13	2485.81	0.80	ppb
Beryllium	9-1	496.88	505.62	503.01	501.83	0.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	510.05	512.48	513.33	511.95	0.33	ppb
Cadmium	106-1	504.83	509.37	513.79	509.33	0.88	ppb
Cadmium	111-1	486.05	493.49	497.41	492.32	1.17	ppb
Calcium	43-1	50759.92	51544.38	51277.89	51194.06	0.78	ppb
Calcium	44-1	50406.25	51396.35	50686.12	50829.57	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.44	504.81	505.95	505.07	0.16	ppb
Cobalt	59-2	509.10	505.32	507.02	507.14	0.37	ppb
Copper	63-2	5004.66	5079.88	5041.61	5042.05	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				99		%
Holmium	165-2				98		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	26342.83	26266.94	26040.40	26216.72	0.60	ppb
Iron	57-2	25760.01	26073.89	25703.49	25845.80	0.77	ppb
Iron	54-2	26371.52	26166.08	26391.80	26309.80	0.47	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:26:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2464.03	2460.68	2499.66	2474.79	0.87	ppb
Lead	207-1	2469.77	2490.57	2499.96	2486.77	0.62	ppb
Lead	208-1	2455.70	2485.67	2513.15	2484.84	1.16	ppb
Lithium	6-1				111		%
Magnesium	24-2	48060.65	47342.95	47976.76	47793.45	0.82	ppb
Manganese	55-2	5060.63	5121.42	4996.73	5059.60	1.23	ppb
Molybdenum	94-1	4908.92	5129.58	4957.50	4998.66	2.32	ppb
Molybdenum	95-1	4900.67	5107.93	4947.67	4985.42	2.18	ppb
Molybdenum	96-1	4901.12	5097.98	4988.86	4995.99	1.97	ppb
Molybdenum	97-1	4912.48	5116.87	4997.85	5009.07	2.05	ppb
Molybdenum	98-1	4889.84	5116.72	4954.14	4986.90	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.22	489.12	487.48	489.27	0.38	ppb
Phosphorus	31-2	10116.69	10137.35	10093.17	10115.74	0.22	ppb
Potassium	39-2	24751.47	24714.51	24643.77	24703.25	0.22	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	499.22	513.23	510.18	507.54	1.45	ppb
Selenium	77-2	508.46	492.58	507.78	502.94	1.78	ppb
Selenium	78-2	508.12	489.66	514.96	504.25	2.60	ppb
Silicon	28-1	496.77	499.86	499.89	498.84	0.36	ppb
Silver	107-1	514.41	509.59	513.16	512.39	0.49	ppb
Silver	109-1	510.54	508.60	510.40	509.84	0.21	ppb
Sodium	23-2	49845.58	49646.18	50028.58	49840.11	0.38	ppb
Strontium	86-1	12251.62	12817.36	12730.05	12599.68	2.42	ppb
Strontium	88-1	12086.28	12847.89	12474.30	12469.49	3.05	ppb
Sulfur	34-1	9838.24	10084.62	9992.84	9971.90	1.25	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	500.40	494.46	500.45	498.44	0.69	ppb
Thallium	205-1	489.52	494.96	495.90	493.46	0.70	ppb
Tin	118-1	502.90	509.43	498.35	503.56	1.11	ppb
Titanium	47-1	4975.61	5073.96	5050.61	5033.40	1.02	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:26:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	484.44	489.88	495.34	489.89	1.11	ppb
Vanadium	51-2	505.43	498.23	500.01	501.23	0.75	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	5034.96	5132.91	5106.63	5091.50	1.00	ppb
Zirconium	90-1	487.13	513.93	496.27	499.11	2.73	ppb
Zirconium	91-1	483.88	512.83	484.47	493.73	3.35	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:29:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19150.09	19623.73	19596.59	19456.81	1.37	ppb
Antimony	121-1	987.83	992.60	1010.27	996.90	1.19	ppb
Arsenic	75-2	991.97	1004.22	1009.02	1001.74	0.88	ppb
Barium	135-1	4962.44	4969.50	5087.21	5006.38	1.40	ppb
Barium	137-1	4971.87	4963.64	5067.42	5000.98	1.15	ppb
Beryllium	9-1	985.08	990.80	1014.81	996.90	1.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	982.06	984.10	1003.69	989.95	1.21	ppb
Cadmium	106-1	990.20	978.42	1003.04	990.55	1.24	ppb
Cadmium	111-1	992.38	997.82	1018.17	1002.79	1.36	ppb
Calcium	43-1	99422.47	100648.91	102663.06	100911.48	1.62	ppb
Calcium	44-1	100445.96	101360.87	102857.58	101554.80	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.64	1001.21	995.78	998.54	0.27	ppb
Cobalt	59-2	997.84	998.33	991.51	995.89	0.38	ppb
Copper	63-2	9985.02	10072.51	9845.60	9967.71	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	51658.72	51716.21	51269.05	51548.00	0.47	ppb
Iron	57-2	51514.38	51784.92	50850.47	51383.26	0.94	ppb
Iron	54-2	51595.42	51696.55	52214.44	51835.47	0.64	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:29:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4902.23	5113.24	5039.46	5018.31	2.13	ppb
Lead	207-1	4956.24	5035.08	5033.59	5008.30	0.90	ppb
Lead	208-1	4943.49	5046.55	5043.95	5011.33	1.17	ppb
Lithium	6-1				111		%
Magnesium	24-2	94097.77	94452.02	94806.73	94452.18	0.38	ppb
Manganese	55-2	9937.93	10019.36	9956.56	9971.28	0.43	ppb
Molybdenum	94-1	9745.41	9968.45	10333.72	10015.86	2.97	ppb
Molybdenum	95-1	9804.17	9960.52	10287.79	10017.49	2.46	ppb
Molybdenum	96-1	9869.39	9972.43	10188.25	10010.02	1.63	ppb
Molybdenum	97-1	9798.36	10045.85	10189.92	10011.38	1.98	ppb
Molybdenum	98-1	9832.52	10039.52	10188.58	10020.21	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.77	1024.35	995.88	1006.00	1.58	ppb
Phosphorus	31-2	19895.87	19992.01	19900.32	19929.40	0.27	ppb
Potassium	39-2	48740.52	49342.28	48756.62	48946.47	0.70	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	979.72	991.67	1013.09	994.82	1.70	ppb
Selenium	77-2	979.93	1018.07	997.49	998.50	1.91	ppb
Selenium	78-2	984.87	1001.98	1001.55	996.13	0.98	ppb
Silicon	28-1	991.70	993.51	1005.67	996.96	0.76	ppb
Silver	107-1	986.32	982.27	998.19	988.93	0.84	ppb
Silver	109-1	981.73	980.85	1007.71	990.10	1.54	ppb
Sodium	23-2	98301.73	99074.61	99132.14	98836.16	0.47	ppb
Strontium	86-1	24345.04	25153.50	25561.74	25020.09	2.47	ppb
Strontium	88-1	24519.10	25173.95	25443.49	25045.51	1.90	ppb
Sulfur	34-1	19673.61	20130.50	20343.54	20049.22	1.71	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	985.50	1006.38	1015.16	1002.35	1.52	ppb
Thallium	205-1	997.26	1012.86	1003.76	1004.63	0.78	ppb
Tin	118-1	988.71	992.65	1006.82	996.06	0.96	ppb
Titanium	47-1	9816.02	10029.80	10122.94	9989.59	1.58	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:29:33	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	993.16	1028.92	1004.78	1008.95	1.81	ppb
Vanadium	51-2	992.82	1005.47	1003.71	1000.67	0.68	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	9806.76	10048.67	9984.88	9946.77	1.26	ppb
Zirconium	90-1	978.05	1004.79	1025.11	1002.65	2.35	ppb
Zirconium	91-1	977.41	1008.91	1031.90	1006.08	2.72	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:32:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100102.60	100336.18	99987.47	100142.08	0.18	ppb
Antimony	121-1	0.58	0.58	0.54	0.57	4.14	ppb
Arsenic	75-2	0.64	0.64	0.58	0.62	5.82	ppb
Barium	135-1	2.58	2.54	2.27	2.46	6.95	ppb
Barium	137-1	2.47	2.50	2.41	2.46	1.85	ppb
Beryllium	9-1	0.35	0.29	0.27	0.31	14.45	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.54	0.49	0.52	0.52	4.71	ppb
Cadmium	106-1	0.45	0.11	0.09	0.22	92.19	ppb
Cadmium	111-1	0.30	0.24	0.21	0.25	18.29	ppb
Calcium	43-1	495269.61	502602.29	501058.44	499643.45	0.77	ppb
Calcium	44-1	496007.95	504012.48	498819.90	499613.45	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.45	1.32	1.49	13.08	ppb
Cobalt	59-2	2.63	2.67	2.67	2.66	0.86	ppb
Copper	63-2	2.01	1.84	1.67	1.84	9.37	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				94		%
Holmium	165-2				94		%
Indium	115-1				81		%
Indium	115-2				84		%
Iron	56-2	249026.85	250900.33	248691.07	249539.41	0.48	ppb
Iron	57-2	249160.15	250132.42	249560.91	249617.82	0.20	ppb
Iron	54-2	248883.37	250609.41	248894.51	249462.43	0.40	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:32:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.59	1.52	1.38	1.50	7.29	ppb
Lead	207-1	1.61	1.52	1.41	1.51	6.67	ppb
Lead	208-1	1.59	1.50	1.39	1.49	6.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	502918.52	497918.90	503407.67	501415.03	0.61	ppb
Manganese	55-2	4.82	4.68	4.45	4.65	3.96	ppb
Molybdenum	94-1	3.44	3.18	2.84	3.15	9.63	ppb
Molybdenum	95-1	2.53	2.38	2.04	2.32	10.93	ppb
Molybdenum	96-1	3.95	3.90	3.58	3.81	5.22	ppb
Molybdenum	97-1	2.52	2.32	2.04	2.29	10.44	ppb
Molybdenum	98-1	2.43	2.28	1.97	2.23	10.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.35	3.44	3.41	3.40	1.43	ppb
Phosphorus	31-2	-8.33	-10.96	-6.93	-8.74		ppb
Potassium	39-2	248800.18	250420.29	251541.64	250254.04	0.55	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	1.29	1.05	0.69	1.01	29.89	ppb
Selenium	77-2	0.47	0.30	0.13	0.30	57.65	ppb
Selenium	78-2	0.61	-0.07	0.96	0.50	104.94	ppb
Silicon	28-1	1.49	2.19	1.50	1.73	23.27	ppb
Silver	107-1	0.25	0.24	0.21	0.23	7.97	ppb
Silver	109-1	0.26	0.26	0.21	0.24	10.37	ppb
Sodium	23-2	500980.85	499456.15	500376.29	500271.10	0.15	ppb
Strontium	86-1	73.81	75.50	70.53	73.28	3.44	ppb
Strontium	88-1	75.19	75.52	73.42	74.71	1.51	ppb
Sulfur	34-1	-502.45	-332.24	-264.11	-366.27		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.22	0.18	0.16	0.19	16.19	ppb
Thallium	205-1	0.21	0.18	0.15	0.18	16.06	ppb
Tin	118-1	0.35	0.34	0.31	0.33	7.19	ppb
Titanium	47-1	2.35	2.24	1.80	2.13	13.64	ppb

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:32:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.18	0.14	0.17	16.14	ppb
Vanadium	51-2	0.23	0.23	0.20	0.22	8.64	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%
Zinc	66-2	7.62	7.63	7.46	7.57	1.24	ppb
Zirconium	90-1	0.70	0.68	0.65	0.68	3.43	ppb
Zirconium	91-1	0.71	0.73	0.67	0.70	4.41	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:01:52	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.48	492.61	485.38	486.16	1.26	ppb
Antimony	121-1	215.16	215.61	215.55	215.44	0.11	ppb
Arsenic	75-2	217.27	218.49	214.56	216.77	0.93	ppb
Barium	135-1	101.13	101.62	100.44	101.06	0.59	ppb
Barium	137-1	101.63	101.65	102.31	101.86	0.38	ppb
Beryllium	9-1	108.69	108.84	107.54	108.36	0.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.19	99.45	100.69	100.44	0.89	ppb
Cadmium	106-1	97.70	94.69	96.34	96.24	1.57	ppb
Cadmium	111-1	94.12	94.46	94.54	94.37	0.24	ppb
Calcium	43-1	2057.13	2076.29	2107.48	2080.30	1.22	ppb
Calcium	44-1	2063.57	2086.18	2104.66	2084.80	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.99	105.91	104.59	104.83	0.94	ppb
Cobalt	59-2	102.79	105.49	104.15	104.14	1.30	ppb
Copper	63-2	97.37	98.22	97.90	97.83	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	2084.72	2122.04	2124.22	2110.32	1.05	ppb
Iron	57-2	2101.27	2135.96	2127.01	2121.41	0.85	ppb
Iron	54-2	2198.70	2223.59	2220.55	2214.28	0.61	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:01:52	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	207.62	210.93	210.26	209.61	0.83	ppb
Lead	207-1	180.87	183.64	187.44	183.98	1.79	ppb
Lead	208-1	198.23	200.85	203.79	200.96	1.38	ppb
Lithium	6-1				113		%
Magnesium	24-2	1132.44	1155.35	1147.10	1144.96	1.01	ppb
Manganese	55-2	100.97	102.67	102.52	102.06	0.92	ppb
Molybdenum	94-1	0.04	0.03	0.06	0.04	25.78	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	3.24	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	26.10	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	25.90	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	23.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.14	107.11	105.37	105.87	1.02	ppb
Phosphorus	31-2	-15.35	-15.89	-15.23	-15.49		ppb
Potassium	39-2	1964.08	1954.14	1997.92	1972.05	1.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	218.78	220.40	220.89	220.03	0.50	ppb
Selenium	77-2	216.50	216.44	212.94	215.29	0.95	ppb
Selenium	78-2	227.58	224.97	233.11	228.55	1.82	ppb
Silicon	28-1	-7.11	-6.60	-6.31	-6.67		ppb
Silver	107-1	50.62	50.84	51.18	50.88	0.55	ppb
Silver	109-1	50.74	50.62	51.32	50.89	0.73	ppb
Sodium	23-2	2001.19	2003.47	2008.36	2004.34	0.18	ppb
Strontium	86-1	5.58	6.22	6.19	6.00	6.06	ppb
Strontium	88-1	6.02	6.09	6.05	6.05	0.56	ppb
Sulfur	34-1	-250.56	-273.86	-201.86	-242.09		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	202.74	211.95	210.14	208.28	2.34	ppb
Thallium	205-1	201.70	204.93	206.49	204.37	1.19	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00		ppb
Titanium	47-1	0.01	0.02	0.02	0.02	43.73	ppb

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:01:52	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	82.68	ppb
Vanadium	51-2	100.14	101.94	101.35	101.14	0.91	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	200.82	204.91	201.73	202.48	1.06	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.01	ppb
Zirconium	91-1	0.07	0.06	0.06	0.07	4.39	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:08:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.08	0.09	0.07	45.58	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	12.04	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.01	0.00	0.00	0.00	74.41	ppb
Barium	137-1	0.00	0.01	0.01	0.01	83.56	ppb
Beryllium	9-1	0.04	0.03	0.04	0.03	17.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	0.36	0.09	-0.27	0.06	525.93	ppb
Cadmium	111-1	0.03	0.01	0.00	0.01	143.32	ppb
Calcium	43-1	-2.48	-1.65	-2.77	-2.30		ppb
Calcium	44-1	-2.04	-1.45	-0.75	-1.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.01	0.00		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.01	0.02	0.02	0.01	41.06	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				100		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	-0.11	-0.11	-0.18	-0.14		ppb
Iron	57-2	-1.32	-2.17	-1.21	-1.57		ppb
Iron	54-2	0.20	0.05	0.37	0.21	77.28	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:08:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	17.91	ppb
Lead	207-1	0.02	0.03	0.02	0.02	37.60	ppb
Lead	208-1	0.02	0.02	0.01	0.02	22.78	ppb
Lithium	6-1				112		%
Magnesium	24-2	0.18	0.24	0.28	0.23	20.93	ppb
Manganese	55-2	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	1980.17	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	109.74	ppb
Molybdenum	96-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	88.29	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.05	0.03	82.54	ppb
Phosphorus	31-2	-15.86	-14.36	-17.74	-15.99		ppb
Potassium	39-2	-6.48	-5.38	-4.94	-5.60		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.14	0.18	-0.14	-0.04		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	1.05	0.91	0.88	0.95	9.40	ppb
Silicon	28-1	-6.93	-6.61	-5.72	-6.42		ppb
Silver	107-1	0.01	0.00	0.01	0.01	23.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.62	ppb
Sodium	23-2	6.20	7.08	6.04	6.44	8.71	ppb
Strontium	86-1	-0.23	-0.44	-0.78	-0.48		ppb
Strontium	88-1	-0.02	0.01	0.00	0.00		ppb
Sulfur	34-1	-287.44	-241.18	-113.03	-213.88		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.95	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.14	ppb
Tin	118-1	0.01	0.00	-0.03	-0.01		ppb
Titanium	47-1	0.00	0.02	0.02	0.01	87.60	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:08:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	619.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	71.32	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	0.04	0.11	0.04	0.06	59.16	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	321.25	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:11:36	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92408.30	92213.69	91109.32	91910.44	0.76	ppb
Antimony	121-1	1.12	1.08	1.14	1.11	2.54	ppb
Arsenic	75-2	0.34	0.27	0.32	0.31	10.68	ppb
Barium	135-1	1.38	1.40	1.42	1.40	1.26	ppb
Barium	137-1	1.44	1.39	1.43	1.42	1.64	ppb
Beryllium	9-1	0.32	0.32	0.27	0.30	7.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.04	9.07	7.79	8.63	8.43	ppb
Cadmium	106-1	-0.20	-0.53	0.00	-0.24		ppb
Cadmium	111-1	0.34	0.28	0.36	0.33	12.59	ppb
Calcium	43-1	100559.78	102335.79	103126.67	102007.41	1.29	ppb
Calcium	44-1	101760.78	102794.21	102323.66	102292.88	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.50	20.67	20.60	20.59	0.41	ppb
Cobalt	59-2	1.25	1.24	1.27	1.25	1.45	ppb
Copper	63-2	7.07	7.08	7.17	7.11	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				101		%
Holmium	165-2				101		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	106319.35	104485.39	104881.02	105228.59	0.92	ppb
Iron	57-2	104153.27	103304.83	104757.48	104071.86	0.70	ppb
Iron	54-2	105347.94	105773.23	106747.09	105956.08	0.68	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:11:36	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.25	5.07	4.86	5.06	3.87	ppb
Lead	207-1	4.80	4.63	4.51	4.64	3.08	ppb
Lead	208-1	4.93	4.73	4.62	4.76	3.35	ppb
Lithium	6-1				109		%
Magnesium	24-2	94876.96	94154.83	94607.47	94546.42	0.39	ppb
Manganese	55-2	7.73	7.97	8.07	7.93	2.23	ppb
Molybdenum	94-1	1627.30	1648.24	1626.12	1633.89	0.76	ppb
Molybdenum	95-1	2024.21	2004.69	1970.34	1999.75	1.36	ppb
Molybdenum	96-1	1981.53	1946.26	1952.93	1960.24	0.96	ppb
Molybdenum	97-1	1987.27	1978.45	1971.84	1979.18	0.39	ppb
Molybdenum	98-1	2001.30	1981.37	1980.81	1987.83	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	5.34	5.43	5.38	0.84	ppb
Phosphorus	31-2	100143.92	101320.07	100473.43	100645.81	0.60	ppb
Potassium	39-2	98338.79	98081.25	97629.92	98016.65	0.37	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	0.40	0.41	0.40	0.40	2.22	ppb
Selenium	77-2	0.12	-0.05	0.28	0.12	144.42	ppb
Selenium	78-2	-0.21	0.16	1.07	0.34	193.78	ppb
Silicon	28-1	-1.55	-2.38	-1.32	-1.75		ppb
Silver	107-1	0.05	0.05	0.03	0.05	22.76	ppb
Silver	109-1	0.06	0.04	0.03	0.05	34.99	ppb
Sodium	23-2	99529.99	99044.91	98469.59	99014.83	0.54	ppb
Strontium	86-1	865.23	854.44	856.54	858.74	0.67	ppb
Strontium	88-1	859.95	844.59	848.23	850.92	0.94	ppb
Sulfur	34-1	103674.15	103545.41	104849.70	104023.09	0.69	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.12	0.13	0.15	0.14	11.98	ppb
Thallium	205-1	0.12	0.15	0.15	0.14	14.32	ppb
Tin	118-1	0.17	0.17	0.17	0.17	2.91	ppb
Titanium	47-1	2066.94	2082.88	2089.00	2079.61	0.55	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:11:36	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	9.53	ppb
Vanadium	51-2	0.20	0.20	0.21	0.20	3.24	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	10.85	10.60	11.25	10.90	2.98	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	12.14	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	17.18	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:20:33	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91570.13	90950.21	89767.72	90762.68	1.01	ppb
Antimony	121-1	20.95	21.49	21.07	21.17	1.32	ppb
Arsenic	75-2	20.24	21.05	21.72	21.00	3.51	ppb
Barium	135-1	20.97	21.56	21.32	21.29	1.38	ppb
Barium	137-1	21.49	21.93	21.51	21.64	1.16	ppb
Beryllium	9-1	21.54	21.36	21.25	21.38	0.68	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.42	26.32	26.26	26.67	2.45	ppb
Cadmium	106-1	16.92	16.20	15.89	16.34	3.21	ppb
Cadmium	111-1	17.17	17.53	17.37	17.36	1.06	ppb
Calcium	43-1	100081.13	103626.94	103085.10	102264.39	1.87	ppb
Calcium	44-1	99798.70	101650.91	102580.70	101343.43	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.57	40.80	40.79	40.72	0.31	ppb
Cobalt	59-2	21.51	21.51	21.30	21.44	0.57	ppb
Copper	63-2	26.44	26.47	26.20	26.37	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	106120.14	104943.35	104353.71	105139.07	0.86	ppb
Iron	57-2	103854.31	103077.05	103193.89	103375.08	0.41	ppb
Iron	54-2	105829.57	104578.05	103105.87	104504.50	1.30	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:20:33	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.59	24.60	24.81	24.67	0.50	ppb
Lead	207-1	23.49	23.31	23.82	23.54	1.11	ppb
Lead	208-1	23.60	23.76	23.90	23.75	0.63	ppb
Lithium	6-1				106		%
Magnesium	24-2	94525.58	93975.08	91851.78	93450.82	1.51	ppb
Manganese	55-2	28.78	28.59	28.16	28.51	1.12	ppb
Molybdenum	94-1	1588.89	1616.37	1595.24	1600.17	0.90	ppb
Molybdenum	95-1	1953.90	1938.11	1949.91	1947.31	0.42	ppb
Molybdenum	96-1	1965.48	1918.46	1919.02	1934.32	1.39	ppb
Molybdenum	97-1	1951.39	1954.38	1933.74	1946.50	0.57	ppb
Molybdenum	98-1	1987.39	1969.51	1947.13	1968.01	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.39	25.56	25.33	25.43	0.46	ppb
Phosphorus	31-2	99691.47	101638.63	99082.29	100137.46	1.33	ppb
Potassium	39-2	97677.07	96608.75	97268.48	97184.77	0.55	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	21.13	20.88	21.11	21.04	0.66	ppb
Selenium	77-2	21.36	16.94	19.86	19.39	11.59	ppb
Selenium	78-2	20.87	22.84	20.57	21.43	5.77	ppb
Silicon	28-1	1.41	2.40	2.23	2.01	26.33	ppb
Silver	107-1	18.96	19.15	18.85	18.99	0.81	ppb
Silver	109-1	18.85	19.33	18.87	19.02	1.42	ppb
Sodium	23-2	99240.88	98862.66	97394.28	98499.27	0.99	ppb
Strontium	86-1	844.24	855.31	846.68	848.74	0.69	ppb
Strontium	88-1	839.46	838.23	836.83	838.17	0.16	ppb
Sulfur	34-1	102211.69	103368.55	102022.99	102534.41	0.71	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	19.73	19.89	19.97	19.87	0.62	ppb
Thallium	205-1	19.60	19.76	19.87	19.74	0.70	ppb
Tin	118-1	0.24	0.24	0.20	0.23	9.45	ppb
Titanium	47-1	2029.39	2034.72	2051.64	2038.58	0.57	ppb

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:20:33	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.08	0.08	0.09	10.27	ppb
Vanadium	51-2	20.66	20.65	20.47	20.60	0.52	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	31.58	30.95	31.63	31.39	1.21	ppb
Zirconium	90-1	0.20	0.19	0.17	0.18	9.24	ppb
Zirconium	91-1	0.21	0.19	0.16	0.19	13.76	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:23:36	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49385.72	49413.30	50434.19	49744.40	1.20	ppb
Antimony	121-1	503.86	510.60	503.63	506.03	0.78	ppb
Arsenic	75-2	487.00	487.07	490.57	488.22	0.42	ppb
Barium	135-1	2533.33	2494.52	2509.76	2512.54	0.78	ppb
Barium	137-1	2550.60	2557.54	2503.84	2537.32	1.15	ppb
Beryllium	9-1	508.58	522.04	514.26	514.96	1.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.14	496.06	490.99	493.06	0.54	ppb
Cadmium	106-1	495.13	496.02	493.15	494.76	0.30	ppb
Cadmium	111-1	480.04	479.15	475.56	478.25	0.50	ppb
Calcium	43-1	248795.66	252018.65	253591.56	251468.62	0.97	ppb
Calcium	44-1	250751.96	251577.22	253752.07	252027.09	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.36	498.66	499.09	496.37	0.88	ppb
Cobalt	59-2	490.49	483.82	504.97	493.10	2.19	ppb
Copper	63-2	4673.85	4737.69	4806.69	4739.41	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	127664.36	127715.96	128741.19	128040.51	0.47	ppb
Iron	57-2	125912.77	124445.78	129045.82	126468.12	1.86	ppb
Iron	54-2	126135.11	127597.91	130091.60	127941.54	1.56	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:23:36	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2573.71	2579.98	2571.31	2575.00	0.17	ppb
Lead	207-1	2572.97	2589.10	2533.96	2565.34	1.11	ppb
Lead	208-1	2562.72	2577.42	2540.08	2560.07	0.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	236920.74	237333.18	241831.15	238695.03	1.14	ppb
Manganese	55-2	4879.15	4902.31	4989.38	4923.61	1.18	ppb
Molybdenum	94-1	4988.11	5065.96	5086.44	5046.84	1.03	ppb
Molybdenum	95-1	4942.12	5059.29	5093.26	5031.55	1.58	ppb
Molybdenum	96-1	4992.79	5094.26	5108.39	5065.14	1.24	ppb
Molybdenum	97-1	4955.34	5076.56	5032.58	5021.50	1.22	ppb
Molybdenum	98-1	4945.29	5016.45	5045.38	5002.38	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.32	456.50	469.15	461.66	1.44	ppb
Phosphorus	31-2	9769.15	9858.57	10071.10	9899.61	1.57	ppb
Potassium	39-2	124307.57	122991.78	125760.21	124353.19	1.11	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	467.19	480.72	482.02	476.64	1.72	ppb
Selenium	77-2	471.33	454.67	470.38	465.46	2.01	ppb
Selenium	78-2	474.73	473.79	476.33	474.95	0.27	ppb
Silicon	28-1	199.34	201.67	203.87	201.63	1.12	ppb
Silver	107-1	494.28	490.14	496.54	493.65	0.66	ppb
Silver	109-1	483.58	492.17	491.24	489.00	0.96	ppb
Sodium	23-2	244743.72	243619.05	248517.77	245626.85	1.04	ppb
Strontium	86-1	12516.85	12700.18	12754.36	12657.13	0.98	ppb
Strontium	88-1	12484.84	12658.96	12689.33	12611.04	0.87	ppb
Sulfur	34-1	9260.85	9299.22	9378.27	9312.78	0.64	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	523.28	522.11	520.32	521.90	0.29	ppb
Thallium	205-1	520.99	511.62	518.01	516.87	0.93	ppb
Tin	118-1	510.91	498.82	502.38	504.04	1.23	ppb
Titanium	47-1	4980.90	4948.66	4998.01	4975.86	0.50	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:23:36	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	517.09	522.33	518.66	519.36	0.52	ppb
Vanadium	51-2	507.94	501.18	511.53	506.88	1.04	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	4668.83	4683.48	4840.19	4730.83	2.01	ppb
Zirconium	90-1	491.69	508.61	508.58	502.96	1.94	ppb
Zirconium	91-1	494.85	513.94	505.62	504.80	1.90	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:29:37	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.32	0.38	0.32	16.10	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	6.52	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	257.85	ppb
Barium	135-1	0.02	0.01	0.01	0.01	41.32	ppb
Barium	137-1	0.02	0.01	0.01	0.01	30.43	ppb
Beryllium	9-1	0.05	0.02	0.03	0.03	46.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.01	0.00	0.01	105.14	ppb
Cadmium	106-1	-0.23	-0.10	-0.15	-0.16		ppb
Cadmium	111-1	0.00	0.01	0.00	0.00	6814.75	ppb
Calcium	43-1	-0.63	1.50	0.92	0.59	185.45	ppb
Calcium	44-1	0.92	0.54	-0.12	0.44	118.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.03	0.02	102.09	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.06	0.06	0.06	5.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	0.42	0.26	0.44	0.37	26.94	ppb
Iron	57-2	-0.37	-0.94	-0.88	-0.73		ppb
Iron	54-2	0.37	0.18	0.05	0.20	80.37	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:29:37	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.07	0.08	0.08	8.88	ppb
Lead	207-1	0.08	0.08	0.08	0.08	5.24	ppb
Lead	208-1	0.08	0.07	0.07	0.07	1.78	ppb
Lithium	6-1				109		%
Magnesium	24-2	1.09	1.11	1.26	1.15	8.04	ppb
Manganese	55-2	0.04	0.03	0.03	0.03	23.06	ppb
Molybdenum	94-1	0.06	0.06	0.07	0.06	15.26	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	14.53	ppb
Molybdenum	96-1	0.06	0.06	0.04	0.05	12.06	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	17.94	ppb
Molybdenum	98-1	0.06	0.06	0.04	0.05	16.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.01	0.01	199.57	ppb
Phosphorus	31-2	-14.95	-16.89	-17.43	-16.42		ppb
Potassium	39-2	-1.78	-2.24	-0.77	-1.60		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	-0.02	0.04	-0.15	-0.05		ppb
Selenium	77-2	-0.05	-0.05	0.11	0.00	3697.03	ppb
Selenium	78-2	0.77	0.36	0.19	0.44	66.88	ppb
Silicon	28-1	-8.43	-7.60	-8.21	-8.08		ppb
Silver	107-1	0.02	0.02	0.01	0.01	14.89	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.21	ppb
Sodium	23-2	32.45	32.83	31.38	32.22	2.34	ppb
Strontium	86-1	-0.28	-0.23	-0.36	-0.29		ppb
Strontium	88-1	0.05	0.05	0.00	0.03	82.74	ppb
Sulfur	34-1	-495.45	-426.43	-437.38	-453.09		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.06	0.06	0.07	8.94	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	2.29	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.08	0.06	0.08	0.08	12.15	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:29:37	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	31.57	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	59.26	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	0.06	0.12	0.02	0.07	74.52	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.29	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	17.75	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BL	Instrumnet Name :	P7
Client Sample ID :	PBS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:32:56	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	0.32	0.50	0.37	29.52	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.20	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	2215.29	ppb
Barium	135-1	0.00	0.00	0.01	0.00	39.27	ppb
Barium	137-1	0.00	0.00	0.00	0.00	830.43	ppb
Beryllium	9-1	0.03	0.01	0.04	0.03	43.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.05	-0.03	-0.01		ppb
Cadmium	106-1	-0.05	-0.47	-0.75	-0.42		ppb
Cadmium	111-1	0.00	-0.02	-0.03	-0.02		ppb
Calcium	43-1	-0.68	-1.01	-0.63	-0.77		ppb
Calcium	44-1	-0.29	-0.36	-0.35	-0.33		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.01	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.03	0.04	0.04	22.12	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				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	0.06	0.11	0.11	0.09	31.96	ppb
Iron	57-2	-1.16	-1.13	-0.96	-1.08		ppb
Iron	54-2	0.04	0.93	0.16	0.38	126.78	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BL	Instrumnet Name :	P7
Client Sample ID :	PBS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:32:56	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.05	0.05	8.78	ppb
Lead	207-1	0.06	0.05	0.05	0.05	5.59	ppb
Lead	208-1	0.05	0.05	0.05	0.05	6.01	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.92	0.99	0.83	0.91	8.39	ppb
Manganese	55-2	0.02	0.01	0.01	0.01	51.48	ppb
Molybdenum	94-1	0.02	0.02	0.04	0.03	32.07	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	34.47	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	11.36	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	27.89	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	27.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-17.06	-18.48	-13.43	-16.32		ppb
Potassium	39-2	-2.08	-3.96	-3.34	-3.13		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.14	0.02	-0.37	-0.07		ppb
Selenium	77-2	0.11	-0.05	-0.05	0.00	10189.99	ppb
Selenium	78-2	1.05	-0.16	0.31	0.40	154.00	ppb
Silicon	28-1	-8.13	-7.44	-7.02	-7.53		ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.54	ppb
Sodium	23-2	21.58	20.22	18.87	20.22	6.71	ppb
Strontium	86-1	-0.33	-0.01	-0.31	-0.21		ppb
Strontium	88-1	-0.01	-0.01	0.04	0.01	383.18	ppb
Sulfur	34-1	-567.00	-434.28	-411.43	-470.90		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.05	0.06	0.06	7.88	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.57	ppb
Tin	118-1	-0.01	0.01	0.00	0.00		ppb
Titanium	47-1	0.02	0.06	0.01	0.03	75.97	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BL	Instrumnet Name :	P7
Client Sample ID :	PBS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:32:56	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	190.45	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	91.88	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	0.03	0.10	-0.01	0.04	138.18	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	49.94	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	28.78	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BS	Instrumnet Name :	P7
Client Sample ID :	LCS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:36:12	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.38	40.92	40.99	41.43	1.99	ppb
Antimony	121-1	4.04	4.05	4.17	4.09	1.80	ppb
Arsenic	75-2	2.15	2.21	2.31	2.22	3.53	ppb
Barium	135-1	19.45	19.44	19.85	19.58	1.19	ppb
Barium	137-1	19.73	19.93	20.39	20.02	1.71	ppb
Beryllium	9-1	2.23	2.26	2.30	2.26	1.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	1.96	2.18	2.11	6.06	ppb
Cadmium	106-1	2.53	1.83	2.06	2.14	16.75	ppb
Cadmium	111-1	2.12	2.10	2.20	2.14	2.54	ppb
Calcium	43-1	1080.63	1076.46	1054.97	1070.69	1.29	ppb
Calcium	44-1	1075.34	1066.63	1071.90	1071.29	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.16	4.06	4.11	4.11	1.20	ppb
Cobalt	59-2	2.15	2.08	2.14	2.12	1.65	ppb
Copper	63-2	4.39	4.29	4.35	4.34	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				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	439.23	437.29	436.89	437.81	0.29	ppb
Iron	57-2	438.15	437.39	439.47	438.34	0.24	ppb
Iron	54-2	445.62	443.17	445.33	444.71	0.30	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BS	Instrumnet Name :	P7
Client Sample ID :	LCS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:36:12	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.93	1.96	2.01	1.97	2.05	ppb
Lead	207-1	1.93	1.94	1.94	1.94	0.40	ppb
Lead	208-1	1.92	1.96	1.97	1.95	1.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	966.57	960.64	972.82	966.68	0.63	ppb
Manganese	55-2	2.18	2.14	2.17	2.16	0.92	ppb
Molybdenum	94-1	11.62	11.62	11.91	11.72	1.43	ppb
Molybdenum	95-1	9.91	10.07	10.10	10.03	1.03	ppb
Molybdenum	96-1	10.05	10.17	10.21	10.14	0.79	ppb
Molybdenum	97-1	9.87	9.91	10.08	9.95	1.08	ppb
Molybdenum	98-1	9.93	9.95	10.07	9.98	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	1.97	2.09	2.07	4.27	ppb
Phosphorus	31-2	27.94	30.91	35.21	31.36	11.67	ppb
Potassium	39-2	1053.29	1051.34	1057.16	1053.93	0.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	10.57	11.13	10.18	10.63	4.51	ppb
Selenium	77-2	14.36	10.89	11.03	12.09	16.24	ppb
Selenium	78-2	11.73	10.35	10.66	10.91	6.62	ppb
Silicon	28-1	0.98	1.16	0.87	1.00	14.77	ppb
Silver	107-1	2.04	2.06	2.18	2.09	3.58	ppb
Silver	109-1	2.03	2.06	2.12	2.07	2.37	ppb
Sodium	23-2	999.08	982.22	990.88	990.73	0.85	ppb
Strontium	86-1	50.69	47.90	52.39	50.33	4.51	ppb
Strontium	88-1	50.85	50.98	51.40	51.07	0.56	ppb
Sulfur	34-1	-378.46	-348.43	-393.66	-373.52		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.96	1.92	1.93	1.93	1.08	ppb
Thallium	205-1	1.92	1.93	1.92	1.92	0.42	ppb
Tin	118-1	10.28	10.32	10.58	10.39	1.57	ppb
Titanium	47-1	2.53	2.42	2.57	2.50	3.17	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BS	Instrumnet Name :	P7
Client Sample ID :	LCS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:36:12	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.74	1.78	1.76	1.76	1.06	ppb
Vanadium	51-2	10.61	10.52	10.51	10.54	0.52	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	10.60	11.10	10.50	10.73	3.02	ppb
Zirconium	90-1	2.01	2.01	2.05	2.02	1.12	ppb
Zirconium	91-1	1.95	2.01	2.03	2.00	2.07	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BL	Instrumnet Name :	P7
Client Sample ID :	PBS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:39:29	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.45	0.22	0.31	39.39	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	14.13	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	135.39	ppb
Barium	135-1	0.01	0.00	0.00	0.01	77.92	ppb
Barium	137-1	0.01	0.00	0.01	0.01	34.37	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	44.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.02	0.00	0.00	595.83	ppb
Cadmium	106-1	-0.82	0.29	-0.78	-0.43		ppb
Cadmium	111-1	-0.05	0.03	-0.05	-0.02		ppb
Calcium	43-1	-0.30	1.46	-0.08	0.36	266.83	ppb
Calcium	44-1	0.51	0.77	0.36	0.55	37.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.02	0.01	117.74	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.03	0.03	0.03	8.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	0.14	0.12	0.05	0.10	43.26	ppb
Iron	57-2	-0.38	0.42	1.08	0.37	196.03	ppb
Iron	54-2	0.35	0.17	0.30	0.27	33.42	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BL	Instrumnet Name :	P7
Client Sample ID :	PBS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:39:29	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.04	0.04	7.72	ppb
Lead	207-1	0.04	0.03	0.04	0.04	11.17	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.56	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.34	0.99	1.03	1.12	17.12	ppb
Manganese	55-2	0.01	0.01	0.02	0.01	55.25	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.02	21.61	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	114.75	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.01	58.38	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	45.19	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-15.16	-18.72	-14.94	-16.27		ppb
Potassium	39-2	-2.74	-3.76	-2.59	-3.03		ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	-0.06	0.29	0.04	0.09	200.57	ppb
Selenium	77-2	0.11	-0.05	0.11	0.06	167.53	ppb
Selenium	78-2	1.58	0.42	0.33	0.77	90.08	ppb
Silicon	28-1	-8.20	-6.40	-6.60	-7.06		ppb
Silver	107-1	0.02	0.01	0.01	0.01	13.98	ppb
Silver	109-1	0.02	0.01	0.01	0.01	26.84	ppb
Sodium	23-2	13.02	12.32	12.11	12.48	3.82	ppb
Strontium	86-1	-0.07	-0.06	-0.29	-0.14		ppb
Strontium	88-1	0.15	0.18	0.12	0.15	19.41	ppb
Sulfur	34-1	-449.91	-335.90	-329.30	-371.70		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.05	0.04	0.05	2.74	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	4.90	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.02	0.03	0.01	0.02	41.94	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BL	Instrumnet Name :	P7
Client Sample ID :	PBS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:39:29	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	52.42	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	200.15	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	-0.04	0.03	0.04	0.01	398.82	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	74.36	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	66.18	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BS	Instrumnet Name :	P7
Client Sample ID :	LCS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:42:46	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.13	41.29	40.91	41.11	0.46	ppb
Antimony	121-1	4.05	4.15	4.16	4.12	1.48	ppb
Arsenic	75-2	2.25	2.40	2.37	2.34	3.21	ppb
Barium	135-1	20.19	19.70	20.15	20.01	1.35	ppb
Barium	137-1	19.84	19.97	20.67	20.16	2.21	ppb
Beryllium	9-1	2.28	2.30	2.30	2.29	0.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.09	2.24	2.30	10.41	ppb
Cadmium	106-1	2.77	2.25	2.27	2.43	11.99	ppb
Cadmium	111-1	2.21	2.11	2.21	2.18	2.85	ppb
Calcium	43-1	1051.75	1069.53	1048.73	1056.67	1.06	ppb
Calcium	44-1	1065.69	1073.99	1069.85	1069.84	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.08	4.04	4.15	4.09	1.30	ppb
Cobalt	59-2	2.17	2.12	2.14	2.14	1.18	ppb
Copper	63-2	4.32	4.30	4.31	4.31	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	432.55	439.73	423.93	432.07	1.83	ppb
Iron	57-2	434.10	434.64	423.38	430.71	1.47	ppb
Iron	54-2	444.05	446.79	435.36	442.07	1.35	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BS	Instrumnet Name :	P7
Client Sample ID :	LCS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:42:46	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.98	1.94	1.97	1.96	0.99	ppb
Lead	207-1	1.92	1.94	2.00	1.95	2.08	ppb
Lead	208-1	1.92	1.95	1.94	1.94	0.88	ppb
Lithium	6-1				104		%
Magnesium	24-2	959.44	968.89	943.90	957.41	1.32	ppb
Manganese	55-2	2.02	2.16	2.17	2.12	4.06	ppb
Molybdenum	94-1	11.63	11.73	11.66	11.67	0.45	ppb
Molybdenum	95-1	9.89	10.05	10.00	9.98	0.81	ppb
Molybdenum	96-1	10.24	10.11	9.95	10.10	1.44	ppb
Molybdenum	97-1	9.79	9.93	10.02	9.91	1.15	ppb
Molybdenum	98-1	9.94	10.05	9.82	9.93	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.11	2.00	2.05	2.92	ppb
Phosphorus	31-2	33.12	35.49	33.57	34.06	3.70	ppb
Potassium	39-2	1048.76	1059.33	1036.33	1048.14	1.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	10.49	10.82	9.99	10.43	4.02	ppb
Selenium	77-2	10.62	10.91	8.86	10.13	10.97	ppb
Selenium	78-2	11.09	10.97	10.02	10.70	5.46	ppb
Silicon	28-1	1.72	2.11	1.88	1.90	10.24	ppb
Silver	107-1	2.06	2.12	2.13	2.10	1.68	ppb
Silver	109-1	2.09	2.11	2.10	2.10	0.33	ppb
Sodium	23-2	986.41	992.64	972.61	983.89	1.04	ppb
Strontium	86-1	51.27	49.87	49.30	50.15	2.01	ppb
Strontium	88-1	49.10	50.26	49.86	49.74	1.19	ppb
Sulfur	34-1	-288.76	-311.69	-284.51	-294.99		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.92	1.93	1.94	1.93	0.66	ppb
Thallium	205-1	1.91	1.95	1.94	1.93	0.98	ppb
Tin	118-1	10.30	10.44	10.55	10.43	1.17	ppb
Titanium	47-1	2.45	2.50	2.44	2.46	1.15	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BS	Instrumnet Name :	P7
Client Sample ID :	LCS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:42:46	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.76	1.75	1.74	1.23	ppb
Vanadium	51-2	10.68	10.43	10.45	10.52	1.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	10.66	10.70	10.15	10.50	2.94	ppb
Zirconium	90-1	1.97	2.00	1.99	1.99	0.67	ppb
Zirconium	91-1	2.00	1.94	1.98	1.98	1.51	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:46:03	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.26	0.26	0.28	14.65	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	25.54	ppb
Arsenic	75-2	0.02	0.03	-0.01	0.01	175.61	ppb
Barium	135-1	0.01	0.01	0.01	0.01	27.71	ppb
Barium	137-1	0.01	0.00	0.00	0.00	53.56	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	27.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.05	0.01	-0.01		ppb
Cadmium	106-1	0.36	-0.05	-0.30	0.00	11701.09	ppb
Cadmium	111-1	0.03	0.00	-0.01	0.01	269.58	ppb
Calcium	43-1	-1.19	-0.46	0.06	-0.53		ppb
Calcium	44-1	0.06	-1.04	-1.11	-0.70		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.02	0.02	28.38	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.03	0.01	0.02	0.02	50.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.06	0.13	0.01	0.07	90.76	ppb
Iron	57-2	-1.29	-0.58	-0.30	-0.72		ppb
Iron	54-2	-0.24	0.87	0.31	0.31	178.73	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:46:03	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.03	0.03	2.67	ppb
Lead	207-1	0.03	0.03	0.03	0.03	5.59	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.21	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.84	0.90	0.90	0.88	3.93	ppb
Manganese	55-2	0.01	0.00	0.00	0.01	142.47	ppb
Molybdenum	94-1	0.00	0.02	0.02	0.01	66.60	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	55.93	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	22.86	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	79.86	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	64.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.01	0.01	174.10	ppb
Phosphorus	31-2	-19.34	-17.84	-17.36	-18.18		ppb
Potassium	39-2	-5.60	-4.57	-4.42	-4.86		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.39	-0.20	-0.05	0.04	722.73	ppb
Selenium	77-2	-0.05	0.10	-0.05	0.00	32633.84	ppb
Selenium	78-2	0.87	1.25	0.19	0.77	70.01	ppb
Silicon	28-1	-6.21	-5.91	-6.12	-6.08		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.39	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.08	ppb
Sodium	23-2	8.14	8.18	8.26	8.20	0.72	ppb
Strontium	86-1	-0.50	-0.10	-0.17	-0.26		ppb
Strontium	88-1	0.01	0.03	0.00	0.01	124.39	ppb
Sulfur	34-1	-311.84	-281.77	-224.96	-272.86		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.04	0.04	9.88	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	0.81	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.01	0.01	0.02	0.01	38.32	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:46:03	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	86.90	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	123.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.01	-0.01	0.10	0.03	167.07	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	388.47	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	58.40	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:49:20	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.89	41.18	41.78	40.95	2.36	ppb
Antimony	121-1	4.07	4.23	4.17	4.16	2.01	ppb
Arsenic	75-2	2.10	2.15	2.33	2.19	5.53	ppb
Barium	135-1	19.44	20.51	20.45	20.14	2.99	ppb
Barium	137-1	20.18	20.29	20.31	20.26	0.35	ppb
Beryllium	9-1	2.41	2.34	2.36	2.37	1.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	2.05	1.88	2.08	10.23	ppb
Cadmium	106-1	3.15	2.17	2.12	2.48	23.48	ppb
Cadmium	111-1	2.08	2.19	2.20	2.15	3.08	ppb
Calcium	43-1	1051.11	1089.30	1079.34	1073.25	1.85	ppb
Calcium	44-1	1066.55	1074.44	1093.65	1078.21	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.21	4.09	4.10	4.13	1.69	ppb
Cobalt	59-2	2.14	2.14	2.06	2.11	2.19	ppb
Copper	63-2	4.31	4.35	4.31	4.32	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	439.16	441.03	435.51	438.57	0.64	ppb
Iron	57-2	437.45	440.75	439.40	439.20	0.38	ppb
Iron	54-2	447.19	443.44	444.33	444.99	0.44	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:49:20	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.91	1.96	2.03	1.96	3.05	ppb
Lead	207-1	1.97	1.94	2.03	1.98	2.31	ppb
Lead	208-1	1.91	1.95	2.00	1.95	2.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	965.49	962.91	962.95	963.78	0.15	ppb
Manganese	55-2	2.23	2.16	2.20	2.20	1.68	ppb
Molybdenum	94-1	11.62	11.96	11.88	11.82	1.46	ppb
Molybdenum	95-1	9.78	10.08	10.08	9.98	1.72	ppb
Molybdenum	96-1	10.08	10.22	10.17	10.16	0.73	ppb
Molybdenum	97-1	10.00	9.90	10.07	9.99	0.82	ppb
Molybdenum	98-1	9.82	10.11	10.05	10.00	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.13	2.09	2.09	1.59	ppb
Phosphorus	31-2	35.22	36.36	38.47	36.68	4.49	ppb
Potassium	39-2	1063.88	1064.90	1059.00	1062.60	0.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	11.00	10.75	10.96	10.90	1.24	ppb
Selenium	77-2	12.62	9.74	10.74	11.03	13.24	ppb
Selenium	78-2	12.84	12.05	10.94	11.95	8.00	ppb
Silicon	28-1	1.46	2.07	3.01	2.18	35.70	ppb
Silver	107-1	2.06	2.16	2.18	2.13	2.90	ppb
Silver	109-1	2.10	2.15	2.19	2.15	2.01	ppb
Sodium	23-2	989.91	989.20	990.97	990.03	0.09	ppb
Strontium	86-1	50.62	48.89	52.18	50.56	3.25	ppb
Strontium	88-1	50.36	51.05	51.27	50.89	0.93	ppb
Sulfur	34-1	-359.43	-284.49	-191.54	-278.49		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.86	1.99	1.95	1.93	3.61	ppb
Thallium	205-1	1.91	1.94	1.98	1.94	1.93	ppb
Tin	118-1	10.19	10.62	10.60	10.47	2.35	ppb
Titanium	47-1	2.38	2.49	2.56	2.48	3.51	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:49:20	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.81	1.79	1.77	2.96	ppb
Vanadium	51-2	10.74	10.51	10.68	10.64	1.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	10.50	10.63	10.47	10.53	0.79	ppb
Zirconium	90-1	1.95	2.02	2.05	2.01	2.53	ppb
Zirconium	91-1	2.04	2.03	2.08	2.05	1.24	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:53:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16096.55	15820.07	15937.61	15951.41	0.87	ppb
Antimony	121-1	724.47	724.32	717.54	722.11	0.55	ppb
Arsenic	75-2	1592.87	1569.60	1601.02	1587.83	1.03	ppb
Barium	135-1	245.49	246.19	247.11	246.26	0.33	ppb
Barium	137-1	247.70	248.96	252.33	249.66	0.96	ppb
Beryllium	9-1	0.77	0.71	0.77	0.75	4.90	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.76	5.47	6.69	5.97	10.61	ppb
Cadmium	106-1	6.21	6.12	6.40	6.24	2.29	ppb
Cadmium	111-1	2.81	2.85	2.82	2.82	0.72	ppb
Calcium	43-1	14113.46	14269.77	14216.43	14199.88	0.56	ppb
Calcium	44-1	13544.19	13788.95	14066.58	13799.91	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.26	43.30	43.35	43.30	0.10	ppb
Cobalt	59-2	171.42	169.07	168.58	169.69	0.90	ppb
Copper	63-2	1038.43	1027.90	1036.84	1034.39	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				113		%
Iron	56-2	103896.62	103106.99	104101.96	103701.86	0.51	ppb
Iron	57-2	103047.49	99561.43	99812.71	100807.21	1.93	ppb
Iron	54-2	103653.26	102138.90	103184.65	102992.27	0.75	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:53:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1593.35	1621.28	1613.54	1609.39	0.90	ppb
Lead	207-1	1584.73	1619.94	1615.32	1606.66	1.19	ppb
Lead	208-1	1593.15	1610.92	1602.52	1602.20	0.56	ppb
Lithium	6-1				105		%
Magnesium	24-2	9752.66	9635.09	9678.78	9688.84	0.61	ppb
Manganese	55-2	694.70	706.51	696.02	699.08	0.93	ppb
Molybdenum	94-1	34.76	35.53	35.65	35.31	1.36	ppb
Molybdenum	95-1	21.39	21.92	21.83	21.72	1.31	ppb
Molybdenum	96-1	23.60	23.98	23.86	23.81	0.82	ppb
Molybdenum	97-1	21.34	21.64	21.72	21.57	0.94	ppb
Molybdenum	98-1	21.44	21.66	21.52	21.54	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.35	47.04	47.46	47.28	0.45	ppb
Phosphorus	31-2	1406.71	1435.44	1422.26	1421.47	1.01	ppb
Potassium	39-2	4197.06	4232.89	4260.34	4230.10	0.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	2.53	2.72	1.90	2.38	18.01	ppb
Selenium	77-2	4.36	5.34	5.41	5.04	11.66	ppb
Selenium	78-2	3.51	2.00	4.04	3.18	33.19	ppb
Silicon	28-1	1724.43	1710.00	1728.01	1720.81	0.55	ppb
Silver	107-1	3.03	3.07	3.09	3.06	0.94	ppb
Silver	109-1	3.08	3.03	3.06	3.05	0.71	ppb
Sodium	23-2	12565.96	12417.41	12611.27	12531.55	0.81	ppb
Strontium	86-1	2915.15	2937.21	2947.69	2933.35	0.57	ppb
Strontium	88-1	2989.75	3060.84	3034.36	3028.32	1.19	ppb
Sulfur	34-1	2364.30	2260.25	2221.67	2282.07	3.23	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.72	0.71	0.75	0.73	2.99	ppb
Thallium	205-1	0.71	0.73	0.73	0.72	1.44	ppb
Tin	118-1	223.89	225.59	224.81	224.77	0.38	ppb
Titanium	47-1	713.39	716.17	729.32	719.62	1.18	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:53:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.11	2.19	2.14	2.15	1.99	ppb
Vanadium	51-2	59.91	59.30	59.43	59.55	0.55	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	7017.20	6972.03	7114.52	7034.58	1.04	ppb
Zirconium	90-1	9.64	9.84	9.75	9.75	1.02	ppb
Zirconium	91-1	9.96	10.07	10.21	10.08	1.22	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-02	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:56:44	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15417.41	15178.21	15533.50	15376.37	1.18	ppb
Antimony	121-1	677.43	705.86	702.14	695.14	2.22	ppb
Arsenic	75-2	1541.90	1533.18	1580.91	1552.00	1.64	ppb
Barium	135-1	234.12	241.69	240.64	238.82	1.72	ppb
Barium	137-1	235.31	244.77	242.76	240.95	2.07	ppb
Beryllium	9-1	0.71	0.74	0.75	0.73	2.44	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.89	5.46	5.43	5.26	6.09	ppb
Cadmium	106-1	5.72	6.67	6.51	6.30	8.09	ppb
Cadmium	111-1	2.65	2.81	2.65	2.71	3.38	ppb
Calcium	43-1	13118.97	13544.79	13573.60	13412.45	1.90	ppb
Calcium	44-1	12799.42	13173.23	12938.22	12970.29	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.78	41.98	42.31	42.03	0.64	ppb
Cobalt	59-2	159.10	160.48	162.11	160.56	0.94	ppb
Copper	63-2	984.59	987.39	1001.93	991.30	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				111		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				113		%
Iron	56-2	101193.47	99800.08	101268.53	100754.03	0.82	ppb
Iron	57-2	98232.58	98343.09	99703.87	98759.85	0.83	ppb
Iron	54-2	99989.10	101918.09	101190.53	101032.57	0.96	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-02	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:56:44	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1536.98	1534.44	1558.85	1543.43	0.87	ppb
Lead	207-1	1526.96	1548.21	1557.92	1544.37	1.03	ppb
Lead	208-1	1520.37	1543.90	1551.79	1538.69	1.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	9447.68	9469.43	9455.59	9457.57	0.12	ppb
Manganese	55-2	689.46	686.20	696.43	690.70	0.76	ppb
Molybdenum	94-1	32.84	33.41	33.05	33.10	0.88	ppb
Molybdenum	95-1	20.47	21.04	20.88	20.80	1.41	ppb
Molybdenum	96-1	22.58	23.05	22.79	22.81	1.04	ppb
Molybdenum	97-1	20.50	20.63	20.66	20.60	0.41	ppb
Molybdenum	98-1	20.32	20.73	20.57	20.54	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.08	45.92	46.24	46.08	0.35	ppb
Phosphorus	31-2	1359.80	1413.95	1421.99	1398.58	2.42	ppb
Potassium	39-2	4086.82	4091.03	4123.03	4100.29	0.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	1.65	2.04	1.90	1.86	10.76	ppb
Selenium	77-2	7.46	4.72	6.01	6.07	22.63	ppb
Selenium	78-2	3.17	2.44	3.78	3.13	21.43	ppb
Silicon	28-1	1617.82	1639.14	1670.44	1642.47	1.61	ppb
Silver	107-1	2.80	2.89	2.86	2.85	1.69	ppb
Silver	109-1	2.76	2.87	2.88	2.84	2.25	ppb
Sodium	23-2	12030.63	12134.40	12109.24	12091.42	0.45	ppb
Strontium	86-1	2752.19	2830.57	2794.28	2792.34	1.40	ppb
Strontium	88-1	2838.86	2856.96	2885.34	2860.38	0.82	ppb
Sulfur	34-1	1662.22	1815.71	1728.15	1735.36	4.44	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.62	0.66	0.70	0.66	5.89	ppb
Thallium	205-1	0.64	0.67	0.70	0.67	4.33	ppb
Tin	118-1	207.15	217.94	215.92	213.67	2.69	ppb
Titanium	47-1	660.78	688.58	692.12	680.49	2.52	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-02	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:56:44	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.04	2.07	2.09	2.07	0.98	ppb
Vanadium	51-2	58.55	58.28	59.04	58.62	0.65	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	6850.37	6866.66	6868.42	6861.82	0.15	ppb
Zirconium	90-1	8.88	9.10	9.02	9.00	1.24	ppb
Zirconium	91-1	9.12	9.49	9.31	9.31	2.01	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 17:59:45	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3192.53	3226.47	3220.63	3213.21	0.56	ppb
Antimony	121-1	145.09	145.46	145.47	145.34	0.15	ppb
Arsenic	75-2	330.70	334.15	323.52	329.46	1.65	ppb
Barium	135-1	49.93	50.10	50.05	50.03	0.17	ppb
Barium	137-1	50.20	50.18	50.15	50.17	0.04	ppb
Beryllium	9-1	0.10	0.14	0.18	0.14	29.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.25	0.88	1.27	1.14	19.27	ppb
Cadmium	106-1	1.49	1.09	0.67	1.08	37.90	ppb
Cadmium	111-1	0.55	0.57	0.57	0.56	1.42	ppb
Calcium	43-1	2855.03	2908.77	2858.05	2873.95	1.05	ppb
Calcium	44-1	2794.44	2814.91	2765.73	2791.69	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.87	8.84	8.92	8.88	0.48	ppb
Cobalt	59-2	34.46	34.08	34.46	34.33	0.64	ppb
Copper	63-2	206.71	205.87	205.17	205.92	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				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	21233.76	21248.25	21289.67	21257.23	0.14	ppb
Iron	57-2	20953.05	20683.41	20848.51	20828.32	0.65	ppb
Iron	54-2	21353.52	20718.09	21221.01	21097.54	1.59	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 17:59:45	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	323.79	327.38	323.72	324.96	0.64	ppb
Lead	207-1	327.88	327.25	324.97	326.70	0.47	ppb
Lead	208-1	325.27	324.26	325.36	324.96	0.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	1953.78	1942.46	1948.26	1948.17	0.29	ppb
Manganese	55-2	140.19	140.17	141.46	140.61	0.52	ppb
Molybdenum	94-1	7.09	7.28	7.09	7.15	1.52	ppb
Molybdenum	95-1	4.46	4.52	4.39	4.46	1.38	ppb
Molybdenum	96-1	4.90	4.95	4.80	4.88	1.61	ppb
Molybdenum	97-1	4.49	4.45	4.41	4.45	0.90	ppb
Molybdenum	98-1	4.44	4.49	4.39	4.44	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.02	9.94	9.66	9.87	1.92	ppb
Phosphorus	31-2	268.03	271.45	296.07	278.52	5.49	ppb
Potassium	39-2	887.57	886.66	888.20	887.48	0.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.74	0.61	0.42	0.59	27.62	ppb
Selenium	77-2	0.40	0.86	1.13	0.79	46.60	ppb
Selenium	78-2	1.29	0.79	0.57	0.88	41.86	ppb
Silicon	28-1	344.70	352.98	349.43	349.04	1.19	ppb
Silver	107-1	0.61	0.63	0.64	0.63	2.43	ppb
Silver	109-1	0.62	0.61	0.61	0.61	0.49	ppb
Sodium	23-2	2624.16	2596.84	2544.80	2588.60	1.56	ppb
Strontium	86-1	601.99	614.87	598.83	605.23	1.40	ppb
Strontium	88-1	601.60	606.67	603.17	603.81	0.43	ppb
Sulfur	34-1	-566.40	-460.79	-513.81	-513.66		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.16	0.16	0.17	4.90	ppb
Thallium	205-1	0.18	0.17	0.17	0.17	2.08	ppb
Tin	118-1	43.25	43.23	43.25	43.24	0.02	ppb
Titanium	47-1	144.28	146.87	142.92	144.69	1.39	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 17:59:45	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.44	0.43	1.92	ppb
Vanadium	51-2	12.30	12.06	12.20	12.19	0.96	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1413.43	1415.23	1417.66	1415.44	0.15	ppb
Zirconium	90-1	1.96	1.94	1.90	1.93	1.41	ppb
Zirconium	91-1	2.04	2.04	2.03	2.04	0.25	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-03	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:02:51	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15864.45	15785.86	15524.10	15724.80	1.13	ppb
Antimony	121-1	718.08	718.65	726.77	721.16	0.67	ppb
Arsenic	75-2	1588.54	1551.73	1531.55	1557.27	1.86	ppb
Barium	135-1	672.23	676.49	682.01	676.91	0.72	ppb
Barium	137-1	683.80	675.49	671.85	677.05	0.90	ppb
Beryllium	9-1	11.58	11.92	11.72	11.74	1.47	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.28	15.07	15.52	15.29	1.48	ppb
Cadmium	106-1	15.87	14.95	15.65	15.49	3.09	ppb
Cadmium	111-1	12.09	11.82	12.22	12.04	1.68	ppb
Calcium	43-1	13751.92	13746.15	13749.20	13749.09	0.02	ppb
Calcium	44-1	13186.53	13263.52	13136.43	13195.49	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.11	83.43	83.44	83.33	0.22	ppb
Cobalt	59-2	274.09	267.94	269.50	270.51	1.18	ppb
Copper	63-2	1063.14	1045.11	1042.23	1050.16	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				109		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				112		%
Iron	56-2	100198.97	100884.15	99899.58	100327.57	0.50	ppb
Iron	57-2	99581.41	98383.37	97031.53	98332.10	1.30	ppb
Iron	54-2	100319.44	99555.22	100485.37	100120.01	0.50	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-03	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:02:51	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1519.04	1547.98	1536.48	1534.50	0.95	ppb
Lead	207-1	1533.26	1552.86	1536.85	1540.99	0.68	ppb
Lead	208-1	1532.95	1557.08	1532.54	1540.86	0.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	9448.55	9493.92	9277.87	9406.78	1.21	ppb
Manganese	55-2	778.25	784.84	783.76	782.28	0.45	ppb
Molybdenum	94-1	33.35	34.26	33.97	33.86	1.36	ppb
Molybdenum	95-1	20.74	20.82	20.92	20.83	0.43	ppb
Molybdenum	96-1	22.53	23.15	22.87	22.85	1.34	ppb
Molybdenum	97-1	20.52	20.87	20.87	20.75	0.98	ppb
Molybdenum	98-1	20.56	20.75	20.68	20.67	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.13	149.81	147.24	149.06	1.06	ppb
Phosphorus	31-2	1372.86	1409.15	1374.47	1385.49	1.48	ppb
Potassium	39-2	4116.42	4071.22	4081.24	4089.63	0.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	23.04	22.73	22.71	22.83	0.80	ppb
Selenium	77-2	30.04	25.04	27.09	27.39	9.19	ppb
Selenium	78-2	23.24	24.27	23.21	23.58	2.56	ppb
Silicon	28-1	1663.05	1696.85	1681.00	1680.30	1.01	ppb
Silver	107-1	13.37	13.33	13.46	13.39	0.52	ppb
Silver	109-1	13.26	13.38	13.47	13.37	0.82	ppb
Sodium	23-2	12165.54	12114.06	12063.72	12114.44	0.42	ppb
Strontium	86-1	2802.88	2861.21	2826.24	2830.11	1.04	ppb
Strontium	88-1	2904.29	2950.18	2911.67	2922.04	0.84	ppb
Sulfur	34-1	1813.94	1758.95	1721.77	1764.89	2.63	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	9.75	9.85	9.85	9.82	0.62	ppb
Thallium	205-1	9.64	9.80	9.91	9.78	1.39	ppb
Tin	118-1	217.71	215.45	215.22	216.12	0.64	ppb
Titanium	47-1	695.97	688.89	693.94	692.93	0.53	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-03	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:02:51	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.04	2.08	2.08	2.07	1.16	ppb
Vanadium	51-2	160.57	157.38	157.93	158.62	1.07	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	6977.08	6895.51	6835.82	6902.80	1.03	ppb
Zirconium	90-1	9.21	9.44	9.26	9.31	1.29	ppb
Zirconium	91-1	9.56	9.65	9.74	9.65	0.91	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01	Instrumnet Name :	P7
Client Sample ID :	MJNKG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:05:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11374.16	11763.53	12116.20	11751.30	3.16	ppb
Antimony	121-1	261.72	294.61	292.23	282.85	6.48	ppb
Arsenic	75-2	516.75	542.06	550.40	536.40	3.27	ppb
Barium	135-1	95.70	107.70	108.74	104.04	6.97	ppb
Barium	137-1	97.02	107.75	109.86	104.87	6.57	ppb
Beryllium	9-1	0.36	0.41	0.45	0.41	11.91	ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.38	2.39	2.57	2.45	4.41	ppb
Cadmium	106-1	1.79	2.05	2.00	1.94	7.02	ppb
Cadmium	111-1	1.20	1.36	1.48	1.35	10.39	ppb
Calcium	43-1	8290.42	9560.44	9537.95	9129.60	7.96	ppb
Calcium	44-1	8030.43	9161.96	9107.46	8766.62	7.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.19	35.26	35.46	34.64	3.63	ppb
Cobalt	59-2	57.16	60.69	61.25	59.70	3.72	ppb
Copper	63-2	334.70	359.34	358.44	350.83	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	56-2	47395.38	50233.38	50841.93	49490.23	3.72	ppb
Iron	57-2	46479.70	48914.73	49880.24	48424.89	3.62	ppb
Iron	54-2	46907.81	49755.11	51050.39	49237.77	4.30	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01	Instrumnet Name :	P7
Client Sample ID :	MJNKG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:05:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	543.22	619.92	610.12	591.09	7.06	ppb
Lead	207-1	544.23	610.00	607.77	587.33	6.36	ppb
Lead	208-1	539.52	611.48	606.54	585.84	6.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	7582.47	7978.67	8061.17	7874.10	3.25	ppb
Manganese	55-2	467.18	487.11	507.21	487.16	4.11	ppb
Molybdenum	94-1	10.96	12.13	12.26	11.78	6.09	ppb
Molybdenum	95-1	7.36	8.37	8.50	8.08	7.76	ppb
Molybdenum	96-1	8.04	9.11	9.18	8.78	7.30	ppb
Molybdenum	97-1	7.45	8.34	8.39	8.06	6.52	ppb
Molybdenum	98-1	7.33	8.35	8.45	8.04	7.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.56	40.25	40.78	39.53	4.38	ppb
Phosphorus	31-2	912.93	987.18	955.25	951.78	3.91	ppb
Potassium	39-2	2862.66	3007.06	3003.15	2957.62	2.78	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	1.45	1.17	0.93	1.18	22.26	ppb
Selenium	77-2	3.52	4.55	4.02	4.03	12.78	ppb
Selenium	78-2	0.53	2.11	2.30	1.65	58.94	ppb
Silicon	28-1	1063.89	1246.24	1252.55	1187.56	9.02	ppb
Silver	107-1	0.92	1.00	1.01	0.97	5.16	ppb
Silver	109-1	0.93	0.98	0.98	0.96	2.97	ppb
Sodium	23-2	9577.73	10103.36	10322.71	10001.27	3.83	ppb
Strontium	86-1	1578.50	1790.19	1821.76	1730.15	7.65	ppb
Strontium	88-1	1645.80	1841.88	1876.71	1788.13	6.96	ppb
Sulfur	34-1	332.69	970.18	876.53	726.46	47.38	ppb
Terbium	159-1				116		%
Terbium	159-2				109		%
Thallium	203-1	0.33	0.40	0.40	0.38	9.88	ppb
Thallium	205-1	0.35	0.41	0.41	0.39	9.11	ppb
Tin	118-1	59.01	66.14	67.07	64.07	6.88	ppb
Titanium	47-1	455.85	526.04	525.92	502.60	8.06	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01	Instrumnet Name :	P7
Client Sample ID :	MJNKG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:05:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.25	1.24	1.19	7.73	ppb
Vanadium	51-2	48.24	50.87	51.03	50.04	3.13	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	2559.34	2755.71	2801.31	2705.45	4.75	ppb
Zirconium	90-1	2.57	2.95	3.09	2.87	9.33	ppb
Zirconium	91-1	2.66	3.15	3.11	2.97	9.13	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-02	Instrumnet Name :	P7
Client Sample ID :	MJNKG0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:08:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10358.39	10343.74	10411.90	10371.34	0.35	ppb
Antimony	121-1	261.80	263.49	265.87	263.72	0.78	ppb
Arsenic	75-2	478.89	481.10	477.87	479.29	0.34	ppb
Barium	135-1	95.49	95.69	95.27	95.48	0.22	ppb
Barium	137-1	95.95	96.86	97.18	96.66	0.66	ppb
Beryllium	9-1	0.37	0.52	0.45	0.45	16.35	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.24	2.34	2.11	2.23	5.01	ppb
Cadmium	106-1	2.22	1.98	1.62	1.94	15.77	ppb
Cadmium	111-1	1.32	1.32	1.25	1.30	3.21	ppb
Calcium	43-1	9512.30	9483.00	9623.08	9539.46	0.77	ppb
Calcium	44-1	9228.11	9119.85	9463.63	9270.53	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.73	30.32	30.11	30.39	1.04	ppb
Cobalt	59-2	57.05	57.53	56.73	57.11	0.71	ppb
Copper	63-2	336.57	337.37	333.78	335.91	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				111		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	45568.72	45937.72	44859.98	45455.48	1.20	ppb
Iron	57-2	45045.12	44320.69	43979.83	44448.55	1.22	ppb
Iron	54-2	45259.71	45041.68	44654.30	44985.23	0.68	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-02	Instrumnet Name :	P7
Client Sample ID :	MJNKG0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:08:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	543.87	547.59	541.41	544.29	0.57	ppb
Lead	207-1	555.71	552.94	548.75	552.47	0.63	ppb
Lead	208-1	545.96	547.48	542.76	545.40	0.44	ppb
Lithium	6-1				96		%
Magnesium	24-2	7098.17	7227.77	7149.40	7158.45	0.91	ppb
Manganese	55-2	446.34	433.60	435.94	438.63	1.55	ppb
Molybdenum	94-1	10.37	10.34	10.16	10.29	1.09	ppb
Molybdenum	95-1	7.09	7.18	7.13	7.13	0.63	ppb
Molybdenum	96-1	7.82	7.79	7.75	7.79	0.44	ppb
Molybdenum	97-1	7.14	7.18	6.97	7.10	1.52	ppb
Molybdenum	98-1	7.05	7.20	7.02	7.09	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.70	36.52	36.10	36.44	0.85	ppb
Phosphorus	31-2	901.45	882.93	904.30	896.23	1.29	ppb
Potassium	39-2	2738.83	2704.47	2697.33	2713.54	0.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.88	0.87	0.54	0.76	25.00	ppb
Selenium	77-2	3.25	5.56	4.40	4.40	26.34	ppb
Selenium	78-2	2.44	1.78	1.49	1.90	25.72	ppb
Silicon	28-1	1127.25	1144.86	1120.70	1130.94	1.10	ppb
Silver	107-1	0.91	0.92	0.89	0.90	1.92	ppb
Silver	109-1	0.88	0.92	0.88	0.89	2.87	ppb
Sodium	23-2	9426.65	9527.87	9335.73	9430.09	1.02	ppb
Strontium	86-1	1667.31	1710.99	1665.52	1681.28	1.53	ppb
Strontium	88-1	1730.11	1767.24	1708.07	1735.14	1.72	ppb
Sulfur	34-1	705.56	647.82	728.69	694.02	6.00	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.34	0.35	0.36	0.35	2.42	ppb
Thallium	205-1	0.33	0.35	0.35	0.34	3.06	ppb
Tin	118-1	59.66	59.91	59.31	59.63	0.51	ppb
Titanium	47-1	440.69	442.55	446.44	443.22	0.66	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-02	Instrumnet Name :	P7
Client Sample ID :	MJNKG0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:08:49	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.12	1.10	1.10	1.40	ppb
Vanadium	51-2	44.64	45.12	44.30	44.69	0.93	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	2560.14	2583.78	2505.01	2549.64	1.59	ppb
Zirconium	90-1	2.48	2.51	2.48	2.49	0.59	ppb
Zirconium	91-1	2.61	2.52	2.53	2.55	2.04	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKG0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:11:51	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2543.64	2538.75	2553.95	2545.45	0.30	ppb
Antimony	121-1	59.71	60.03	60.82	60.19	0.94	ppb
Arsenic	75-2	119.24	118.54	121.47	119.75	1.28	ppb
Barium	135-1	23.16	23.19	23.36	23.24	0.45	ppb
Barium	137-1	23.09	23.25	23.78	23.37	1.55	ppb
Beryllium	9-1	0.09	0.11	0.10	0.10	7.61	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.58	0.40	0.54	0.51	18.49	ppb
Cadmium	106-1	-0.19	0.10	-0.20	-0.10		ppb
Cadmium	111-1	0.28	0.30	0.28	0.28	3.83	ppb
Calcium	43-1	2017.62	2041.43	2063.84	2040.96	1.13	ppb
Calcium	44-1	2035.74	2043.69	2063.53	2047.65	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.68	7.79	7.71	7.72	0.77	ppb
Cobalt	59-2	13.22	13.16	13.25	13.21	0.35	ppb
Copper	63-2	75.07	75.41	75.73	75.40	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	11007.23	11018.68	10939.59	10988.50	0.39	ppb
Iron	57-2	10770.83	10772.88	10912.44	10818.72	0.75	ppb
Iron	54-2	10867.06	10949.36	10959.76	10925.40	0.46	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKG0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:11:51	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	122.23	120.42	121.43	121.36	0.75	ppb
Lead	207-1	120.26	119.73	120.03	120.00	0.22	ppb
Lead	208-1	127.67	126.15	127.24	127.02	0.62	ppb
Lithium	6-1				93		%
Magnesium	24-2	1676.86	1674.40	1695.45	1682.24	0.68	ppb
Manganese	55-2	105.64	105.21	106.10	105.65	0.42	ppb
Molybdenum	94-1	2.66	2.73	2.66	2.68	1.47	ppb
Molybdenum	95-1	1.88	1.83	1.81	1.84	1.97	ppb
Molybdenum	96-1	2.02	2.03	1.98	2.01	1.34	ppb
Molybdenum	97-1	1.82	1.93	1.87	1.87	2.94	ppb
Molybdenum	98-1	1.82	1.81	1.84	1.82	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.70	8.76	8.96	8.81	1.58	ppb
Phosphorus	31-2	204.03	217.53	197.46	206.34	4.96	ppb
Potassium	39-2	660.93	660.29	663.86	661.69	0.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.40	0.60	-0.04	0.32	101.32	ppb
Selenium	77-2	0.70	1.31	1.48	1.17	35.07	ppb
Selenium	78-2	1.20	0.10	0.94	0.75	77.53	ppb
Silicon	28-1	270.50	266.91	271.37	269.59	0.88	ppb
Silver	107-1	0.21	0.21	0.23	0.22	6.36	ppb
Silver	109-1	0.22	0.21	0.22	0.22	2.95	ppb
Sodium	23-2	2297.18	2252.31	2235.79	2261.76	1.40	ppb
Strontium	86-1	404.64	401.35	395.79	400.59	1.12	ppb
Strontium	88-1	393.17	393.82	397.13	394.70	0.54	ppb
Sulfur	34-1	-837.66	-735.00	-731.97	-768.21		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.09	0.09	0.09	5.65	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	3.79	ppb
Tin	118-1	14.33	14.19	14.52	14.35	1.16	ppb
Titanium	47-1	112.21	112.80	115.00	113.34	1.30	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKG0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:11:51	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.26	0.26	0.95	ppb
Vanadium	51-2	10.96	10.75	11.25	10.98	2.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	573.85	573.40	580.58	575.94	0.70	ppb
Zirconium	90-1	0.62	0.63	0.65	0.63	3.12	ppb
Zirconium	91-1	0.67	0.67	0.64	0.66	2.09	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-03	Instrumnet Name :	P7
Client Sample ID :	MJNKG0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:15:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11234.85	11433.33	11361.20	11343.13	0.89	ppb
Antimony	121-1	288.33	299.93	300.01	296.09	2.27	ppb
Arsenic	75-2	512.56	514.08	514.32	513.65	0.19	ppb
Barium	135-1	506.65	527.33	526.41	520.13	2.25	ppb
Barium	137-1	515.26	531.08	531.45	525.93	1.76	ppb
Beryllium	9-1	11.43	11.78	11.83	11.68	1.90	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.05	12.23	11.83	11.70	5.16	ppb
Cadmium	106-1	11.65	11.15	11.59	11.46	2.40	ppb
Cadmium	111-1	10.30	10.52	10.61	10.48	1.56	ppb
Calcium	43-1	8736.07	8777.88	8953.97	8822.64	1.31	ppb
Calcium	44-1	8444.44	8597.03	8630.89	8557.45	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.19	74.43	74.08	73.90	0.87	ppb
Cobalt	59-2	158.46	158.89	160.63	159.32	0.72	ppb
Copper	63-2	396.68	391.10	386.05	391.28	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				110		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	46662.53	47576.50	46796.64	47011.89	1.05	ppb
Iron	57-2	45896.54	46145.24	46402.70	46148.16	0.55	ppb
Iron	54-2	46770.86	47419.98	47122.12	47104.32	0.69	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-03	Instrumnet Name :	P7
Client Sample ID :	MJNKG0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:15:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	562.15	564.19	560.66	562.33	0.31	ppb
Lead	207-1	567.50	570.92	555.07	564.50	1.48	ppb
Lead	208-1	561.80	567.23	557.10	562.04	0.90	ppb
Lithium	6-1				95		%
Magnesium	24-2	7347.07	7469.19	7337.64	7384.63	0.99	ppb
Manganese	55-2	566.10	562.52	556.53	561.72	0.86	ppb
Molybdenum	94-1	10.86	11.30	11.39	11.18	2.51	ppb
Molybdenum	95-1	7.49	7.87	7.81	7.72	2.65	ppb
Molybdenum	96-1	8.20	8.57	8.39	8.39	2.17	ppb
Molybdenum	97-1	7.47	7.78	7.76	7.67	2.22	ppb
Molybdenum	98-1	7.42	7.76	7.68	7.62	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.10	140.03	141.22	140.45	0.47	ppb
Phosphorus	31-2	907.93	930.48	893.10	910.50	2.07	ppb
Potassium	39-2	2761.74	2825.30	2831.03	2806.02	1.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	21.23	21.89	22.03	21.72	1.98	ppb
Selenium	77-2	25.25	27.25	22.28	24.92	10.03	ppb
Selenium	78-2	21.31	22.06	22.91	22.09	3.62	ppb
Silicon	28-1	1174.23	1134.09	1157.76	1155.36	1.75	ppb
Silver	107-1	10.87	11.28	11.48	11.21	2.75	ppb
Silver	109-1	10.91	11.27	11.32	11.17	2.01	ppb
Sodium	23-2	9364.75	9541.96	9507.70	9471.47	0.99	ppb
Strontium	86-1	1637.62	1695.79	1686.85	1673.42	1.87	ppb
Strontium	88-1	1698.44	1735.47	1734.71	1722.87	1.23	ppb
Sulfur	34-1	604.60	623.41	692.08	640.03	7.19	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	9.50	9.50	9.30	9.44	1.21	ppb
Thallium	205-1	9.33	9.38	9.33	9.35	0.33	ppb
Tin	118-1	60.20	62.18	62.76	61.71	2.18	ppb
Titanium	47-1	468.55	474.69	475.21	472.82	0.78	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-03	Instrumnet Name :	P7
Client Sample ID :	MJNKG0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:15:03	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.16	1.10	1.14	2.73	ppb
Vanadium	51-2	146.68	148.62	148.94	148.08	0.82	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	2665.34	2683.31	2707.65	2685.44	0.79	ppb
Zirconium	90-1	2.66	2.78	2.76	2.74	2.31	ppb
Zirconium	91-1	2.81	2.98	2.90	2.90	2.84	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:18:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3283.32	3302.28	3916.60	3500.73	10.29	ppb
Antimony	121-1	5.22	5.58	5.60	5.46	3.94	ppb
Arsenic	75-2	73.17	74.86	86.06	78.03	8.97	ppb
Barium	135-1	27.34	29.47	29.48	28.76	4.28	ppb
Barium	137-1	28.00	29.60	29.51	29.04	3.09	ppb
Beryllium	9-1	0.18	0.17	0.15	0.17	9.29	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.86	0.97	1.65	1.16	37.07	ppb
Cadmium	106-1	0.34	0.18	0.20	0.24	38.11	ppb
Cadmium	111-1	0.72	0.81	0.74	0.76	6.55	ppb
Calcium	43-1	4244.97	4598.42	4659.46	4500.95	4.97	ppb
Calcium	44-1	4123.60	4500.29	4411.59	4345.16	4.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.52	14.50	17.11	15.38	9.78	ppb
Cobalt	59-2	9.38	9.32	10.96	9.89	9.38	ppb
Copper	63-2	1705.36	1682.98	2001.26	1796.54	9.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	12026.21	12074.63	14127.24	12742.69	9.41	ppb
Iron	57-2	11673.68	11855.96	14206.75	12578.80	11.23	ppb
Iron	54-2	12135.58	12099.65	14351.15	12862.13	10.03	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:18:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	179.98	190.62	194.93	188.51	4.08	ppb
Lead	207-1	176.66	185.57	193.88	185.37	4.65	ppb
Lead	208-1	178.75	187.36	192.29	186.13	3.68	ppb
Lithium	6-1				95		%
Magnesium	24-2	2570.77	2492.50	3066.87	2710.05	11.49	ppb
Manganese	55-2	58.03	57.76	68.29	61.36	9.79	ppb
Molybdenum	94-1	2.26	2.49	2.43	2.39	4.97	ppb
Molybdenum	95-1	1.48	1.63	1.56	1.56	4.78	ppb
Molybdenum	96-1	1.70	1.76	1.72	1.73	1.58	ppb
Molybdenum	97-1	1.56	1.66	1.53	1.58	4.06	ppb
Molybdenum	98-1	1.49	1.64	1.58	1.57	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.80	10.03	11.99	10.61	11.36	ppb
Phosphorus	31-2	995.94	1009.33	1235.35	1080.21	12.45	ppb
Potassium	39-2	1553.02	1560.31	1847.30	1653.54	10.15	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	82-1	0.25	0.68	0.46	0.46	46.41	ppb
Selenium	77-2	2.57	3.61	2.36	2.85	23.56	ppb
Selenium	78-2	1.52	1.07	3.25	1.95	59.28	ppb
Silicon	28-1	722.82	731.16	733.77	729.25	0.78	ppb
Silver	107-1	5.48	5.86	5.87	5.73	3.87	ppb
Silver	109-1	5.47	5.83	5.85	5.72	3.75	ppb
Sodium	23-2	11674.21	11454.45	13715.22	12281.29	10.15	ppb
Strontium	86-1	903.05	998.97	977.49	959.84	5.24	ppb
Strontium	88-1	916.15	994.43	990.15	966.91	4.55	ppb
Sulfur	34-1	2328.51	2869.98	2877.34	2691.94	11.69	ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	0.35	0.38	0.37	0.37	4.54	ppb
Thallium	205-1	0.35	0.37	0.38	0.37	4.13	ppb
Tin	118-1	10.81	11.69	11.79	11.43	4.70	ppb
Titanium	47-1	169.29	181.44	181.70	177.48	3.99	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:18:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.93	0.94	0.91	5.54	ppb
Vanadium	51-2	14.45	14.51	17.49	15.48	11.23	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	390.80	391.28	469.83	417.30	10.90	ppb
Zirconium	90-1	0.60	0.64	0.63	0.63	3.32	ppb
Zirconium	91-1	0.63	0.65	0.64	0.64	0.89	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-05	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:21:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3433.49	3395.84	3441.72	3423.68	0.71	ppb
Antimony	121-1	5.51	5.53	5.74	5.59	2.32	ppb
Arsenic	75-2	72.47	72.89	71.81	72.39	0.76	ppb
Barium	135-1	27.28	27.87	28.60	27.91	2.37	ppb
Barium	137-1	27.89	28.57	29.02	28.50	2.00	ppb
Beryllium	9-1	0.13	0.16	0.16	0.15	12.81	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	0.92	0.80	0.88	7.75	ppb
Cadmium	106-1	0.03	0.73	-0.25	0.17	293.68	ppb
Cadmium	111-1	0.75	0.85	0.80	0.80	6.49	ppb
Calcium	43-1	4767.26	4842.86	4818.66	4809.59	0.80	ppb
Calcium	44-1	4676.14	4673.26	4656.06	4668.49	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.26	14.68	15.20	15.05	2.13	ppb
Cobalt	59-2	9.36	8.99	9.34	9.23	2.28	ppb
Copper	63-2	1738.00	1673.23	1707.42	1706.22	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	12107.61	11697.64	12119.72	11974.99	2.01	ppb
Iron	57-2	11681.36	11526.48	11778.55	11662.13	1.09	ppb
Iron	54-2	12160.78	11762.50	12028.71	11984.00	1.69	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-05	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:21:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	187.53	191.34	189.68	189.52	1.01	ppb
Lead	207-1	185.50	188.80	188.30	187.53	0.95	ppb
Lead	208-1	186.82	189.65	187.38	187.95	0.80	ppb
Lithium	6-1				93		%
Magnesium	24-2	2551.62	2519.80	2604.86	2558.76	1.68	ppb
Manganese	55-2	56.75	56.19	57.46	56.80	1.13	ppb
Molybdenum	94-1	2.43	2.43	2.47	2.44	1.10	ppb
Molybdenum	95-1	1.57	1.60	1.57	1.58	0.92	ppb
Molybdenum	96-1	1.67	1.76	1.75	1.73	3.01	ppb
Molybdenum	97-1	1.54	1.53	1.58	1.55	1.56	ppb
Molybdenum	98-1	1.54	1.52	1.57	1.54	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.87	9.65	10.08	9.87	2.17	ppb
Phosphorus	31-2	1044.10	1020.12	1037.03	1033.75	1.19	ppb
Potassium	39-2	1568.37	1537.39	1576.09	1560.61	1.31	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.85	0.31	0.61	0.59	45.84	ppb
Selenium	77-2	4.88	2.28	3.72	3.63	35.89	ppb
Selenium	78-2	1.49	0.51	1.14	1.05	47.61	ppb
Silicon	28-1	706.67	774.34	768.24	749.75	4.99	ppb
Silver	107-1	5.68	5.78	5.91	5.79	2.01	ppb
Silver	109-1	5.74	5.81	5.96	5.84	1.99	ppb
Sodium	23-2	12071.54	11898.41	12169.18	12046.38	1.14	ppb
Strontium	86-1	1047.38	1061.71	1063.42	1057.50	0.83	ppb
Strontium	88-1	1088.42	1096.80	1080.66	1088.63	0.74	ppb
Sulfur	34-1	2876.80	3003.95	2977.36	2952.71	2.27	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.36	0.36	0.38	0.37	3.28	ppb
Thallium	205-1	0.36	0.37	0.36	0.36	1.37	ppb
Tin	118-1	11.15	11.41	11.81	11.46	2.89	ppb
Titanium	47-1	174.92	176.04	177.01	175.99	0.59	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-05	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:21:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.91	0.95	0.92	2.22	ppb
Vanadium	51-2	14.83	14.45	14.72	14.67	1.35	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	387.94	382.09	394.03	388.02	1.54	ppb
Zirconium	90-1	0.63	0.64	0.66	0.64	2.56	ppb
Zirconium	91-1	0.65	0.67	0.66	0.66	1.29	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:24:19	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	675.76	669.13	668.37	671.09	0.61	ppb
Antimony	121-1	1.15	1.15	1.11	1.13	1.95	ppb
Arsenic	75-2	14.80	15.20	14.48	14.82	2.42	ppb
Barium	135-1	5.79	5.82	5.60	5.74	2.04	ppb
Barium	137-1	5.77	5.87	5.72	5.79	1.31	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	16.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.22	0.23	0.20	19.30	ppb
Cadmium	106-1	-0.11	-1.05	-0.84	-0.67		ppb
Cadmium	111-1	0.13	0.09	0.10	0.11	16.88	ppb
Calcium	43-1	922.10	924.89	938.54	928.51	0.95	ppb
Calcium	44-1	920.00	921.15	947.60	929.58	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.93	2.98	2.96	2.96	0.95	ppb
Cobalt	59-2	1.86	1.83	1.84	1.84	0.87	ppb
Copper	63-2	354.38	349.47	346.63	350.16	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2458.83	2395.11	2424.55	2426.16	1.31	ppb
Iron	57-2	2419.41	2406.63	2370.16	2398.73	1.07	ppb
Iron	54-2	2473.03	2437.07	2421.94	2444.01	1.07	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:24:19	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.83	35.75	36.31	35.96	0.83	ppb
Lead	207-1	35.67	35.06	35.31	35.35	0.86	ppb
Lead	208-1	35.48	35.18	35.51	35.39	0.51	ppb
Lithium	6-1				89		%
Magnesium	24-2	505.52	495.92	495.99	499.14	1.11	ppb
Manganese	55-2	11.71	11.45	11.49	11.55	1.24	ppb
Molybdenum	94-1	0.52	0.46	0.46	0.48	6.96	ppb
Molybdenum	95-1	0.31	0.30	0.29	0.30	3.06	ppb
Molybdenum	96-1	0.35	0.36	0.34	0.35	2.38	ppb
Molybdenum	97-1	0.34	0.33	0.36	0.34	4.22	ppb
Molybdenum	98-1	0.33	0.32	0.33	0.32	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.95	2.90	2.81	2.89	2.42	ppb
Phosphorus	31-2	198.85	197.89	200.22	198.99	0.59	ppb
Potassium	39-2	317.18	311.89	314.91	314.66	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-0.01	-0.04	0.08	0.01	594.57	ppb
Selenium	77-2	0.70	0.40	0.86	0.66	35.79	ppb
Selenium	78-2	0.90	-0.14	1.13	0.63	107.16	ppb
Silicon	28-1	155.62	171.67	152.51	159.93	6.43	ppb
Silver	107-1	1.18	1.20	1.16	1.18	1.70	ppb
Silver	109-1	1.16	1.21	1.17	1.18	2.05	ppb
Sodium	23-2	2360.60	2419.14	2347.54	2375.76	1.60	ppb
Strontium	86-1	193.34	193.06	199.21	195.20	1.78	ppb
Strontium	88-1	196.23	196.73	199.34	197.43	0.85	ppb
Sulfur	34-1	-492.19	-506.99	-399.12	-466.10		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.08	0.07	0.08	9.60	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.40	ppb
Tin	118-1	2.42	2.40	2.39	2.40	0.68	ppb
Titanium	47-1	35.40	35.85	36.23	35.83	1.16	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:24:19	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	1.07	ppb
Vanadium	51-2	2.91	2.99	2.89	2.93	1.85	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	79.26	78.54	79.87	79.23	0.84	ppb
Zirconium	90-1	0.12	0.12	0.13	0.12	6.34	ppb
Zirconium	91-1	0.12	0.11	0.13	0.12	8.21	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-06	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:27:31	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3769.92	3624.59	3644.56	3679.69	2.14	ppb
Antimony	121-1	26.71	26.73	27.02	26.82	0.64	ppb
Arsenic	75-2	82.14	80.06	80.66	80.95	1.32	ppb
Barium	135-1	429.98	431.98	435.81	432.59	0.69	ppb
Barium	137-1	463.78	457.46	457.56	459.60	0.79	ppb
Beryllium	9-1	11.07	11.67	11.64	11.46	2.94	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.93	11.63	11.59	11.38	3.46	ppb
Cadmium	106-1	10.06	9.28	10.60	9.98	6.64	ppb
Cadmium	111-1	10.34	10.26	10.38	10.33	0.59	ppb
Calcium	43-1	4600.21	4753.38	4573.36	4642.32	2.09	ppb
Calcium	44-1	4480.85	4514.60	4451.83	4482.42	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.17	57.23	57.75	57.38	0.56	ppb
Cobalt	59-2	116.80	116.45	117.26	116.84	0.35	ppb
Copper	63-2	1755.90	1736.45	1728.16	1740.17	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	12097.89	12034.36	11958.40	12030.21	0.58	ppb
Iron	57-2	11624.28	11745.66	11870.65	11746.86	1.05	ppb
Iron	54-2	11884.12	11974.03	12183.20	12013.78	1.28	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-06	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:27:31	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.87	188.75	194.96	192.86	1.85	ppb
Lead	207-1	191.57	191.71	174.75	186.01	5.24	ppb
Lead	208-1	193.55	190.63	186.99	190.39	1.73	ppb
Lithium	6-1				94		%
Magnesium	24-2	2468.17	2459.53	2492.70	2473.47	0.70	ppb
Manganese	55-2	159.24	159.05	158.87	159.05	0.12	ppb
Molybdenum	94-1	2.38	2.43	2.40	2.41	1.00	ppb
Molybdenum	95-1	1.58	1.59	1.55	1.57	1.43	ppb
Molybdenum	96-1	1.68	1.78	1.70	1.72	3.13	ppb
Molybdenum	97-1	1.55	1.57	1.59	1.57	1.08	ppb
Molybdenum	98-1	1.57	1.57	1.53	1.56	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.92	118.86	118.71	118.50	0.43	ppb
Phosphorus	31-2	1008.35	999.71	982.43	996.83	1.32	ppb
Potassium	39-2	1534.38	1529.29	1550.93	1538.20	0.74	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	21.61	22.16	22.08	21.95	1.33	ppb
Selenium	77-2	21.62	23.41	25.58	23.54	8.43	ppb
Selenium	78-2	24.32	24.31	22.69	23.77	3.96	ppb
Silicon	28-1	727.25	747.90	707.12	727.43	2.80	ppb
Silver	107-1	16.37	16.53	16.59	16.50	0.72	ppb
Silver	109-1	16.31	16.72	16.52	16.51	1.25	ppb
Sodium	23-2	11544.26	11490.15	11529.29	11521.23	0.24	ppb
Strontium	86-1	995.09	1013.52	994.17	1000.92	1.09	ppb
Strontium	88-1	1011.81	1041.51	1007.86	1020.40	1.80	ppb
Sulfur	34-1	2792.88	2996.00	2774.39	2854.43	4.31	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	9.84	9.76	9.93	9.84	0.89	ppb
Thallium	205-1	9.77	9.60	9.79	9.72	1.07	ppb
Tin	118-1	11.36	11.54	11.66	11.52	1.30	ppb
Titanium	47-1	175.16	177.93	176.35	176.48	0.79	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-06	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:27:31	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.92	0.92	0.93	1.42	ppb
Vanadium	51-2	119.22	119.60	119.00	119.27	0.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	495.76	492.52	493.86	494.05	0.33	ppb
Zirconium	90-1	0.64	0.64	0.63	0.64	1.04	ppb
Zirconium	91-1	0.61	0.65	0.66	0.64	3.54	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01	Instrumnet Name :	P7
Client Sample ID :	MJNKH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:30:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3234.30	3244.25	3235.84	3238.13	0.17	ppb
Antimony	121-1	15.44	15.66	15.41	15.50	0.91	ppb
Arsenic	75-2	88.06	87.90	89.02	88.33	0.69	ppb
Barium	135-1	47.55	48.97	47.65	48.05	1.64	ppb
Barium	137-1	48.08	48.40	47.90	48.13	0.53	ppb
Beryllium	9-1	0.15	0.20	0.21	0.19	18.30	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.66	1.40	1.54	8.69	ppb
Cadmium	106-1	1.22	1.31	0.23	0.92	65.51	ppb
Cadmium	111-1	1.26	1.30	1.19	1.25	4.62	ppb
Calcium	43-1	10474.93	10437.01	10432.67	10448.20	0.22	ppb
Calcium	44-1	10103.31	10049.84	10168.38	10107.18	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.92	15.15	14.64	14.90	1.69	ppb
Cobalt	59-2	16.33	16.33	16.18	16.28	0.53	ppb
Copper	63-2	1129.57	1128.56	1123.09	1127.07	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				111		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	17170.85	17350.34	17202.10	17241.10	0.56	ppb
Iron	57-2	17096.96	17122.69	16681.68	16967.11	1.46	ppb
Iron	54-2	17286.01	17452.34	17150.65	17296.33	0.87	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01	Instrumnet Name :	P7
Client Sample ID :	MJNKH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:30:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	297.82	299.33	302.85	300.00	0.86	ppb
Lead	207-1	300.46	302.21	301.60	301.42	0.30	ppb
Lead	208-1	296.50	299.96	300.28	298.91	0.70	ppb
Lithium	6-1				91		%
Magnesium	24-2	2666.52	2642.20	2673.54	2660.75	0.62	ppb
Manganese	55-2	102.75	102.34	101.75	102.28	0.49	ppb
Molybdenum	94-1	4.07	4.07	4.10	4.08	0.47	ppb
Molybdenum	95-1	3.05	3.01	3.03	3.03	0.73	ppb
Molybdenum	96-1	3.26	3.22	3.29	3.26	1.17	ppb
Molybdenum	97-1	3.04	3.03	3.08	3.05	0.87	ppb
Molybdenum	98-1	3.00	3.05	2.99	3.01	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.42	10.57	10.46	10.48	0.72	ppb
Phosphorus	31-2	1356.83	1376.77	1386.73	1373.44	1.11	ppb
Potassium	39-2	1723.93	1719.37	1702.70	1715.33	0.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	1.01	0.30	0.54	0.62	58.22	ppb
Selenium	77-2	5.36	3.92	3.90	4.39	19.05	ppb
Selenium	78-2	2.12	1.14	1.11	1.46	39.68	ppb
Silicon	28-1	734.99	766.12	760.69	753.93	2.21	ppb
Silver	107-1	2.85	2.88	2.84	2.86	0.80	ppb
Silver	109-1	2.87	2.85	2.83	2.85	0.71	ppb
Sodium	23-2	10680.11	10572.35	10484.62	10579.03	0.93	ppb
Strontium	86-1	1535.30	1535.96	1521.20	1530.82	0.54	ppb
Strontium	88-1	1557.90	1556.62	1566.20	1560.24	0.33	ppb
Sulfur	34-1	4976.02	5159.41	5325.09	5153.51	3.39	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.42	0.41	0.43	0.42	1.95	ppb
Thallium	205-1	0.42	0.43	0.42	0.42	1.79	ppb
Tin	118-1	20.80	21.38	21.17	21.12	1.39	ppb
Titanium	47-1	225.64	225.76	226.10	225.83	0.11	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01	Instrumnet Name :	P7
Client Sample ID :	MJNKH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:30:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.68	1.68	1.68	0.33	ppb
Vanadium	51-2	18.76	19.21	18.61	18.86	1.64	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	900.27	898.69	893.92	897.63	0.37	ppb
Zirconium	90-1	0.85	0.87	0.89	0.87	2.54	ppb
Zirconium	91-1	1.09	0.94	0.90	0.98	10.39	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:33:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48636.37	48274.64	48183.54	48364.85	0.50	ppb
Antimony	121-1	479.77	489.88	493.70	487.78	1.48	ppb
Arsenic	75-2	479.17	488.65	476.68	481.50	1.31	ppb
Barium	135-1	2442.29	2448.05	2480.58	2456.97	0.84	ppb
Barium	137-1	2444.71	2480.11	2493.46	2472.76	1.02	ppb
Beryllium	9-1	517.35	526.50	528.48	524.11	1.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	472.61	472.14	486.22	476.99	1.68	ppb
Cadmium	106-1	479.78	480.23	485.25	481.75	0.63	ppb
Cadmium	111-1	457.64	462.29	470.65	463.52	1.42	ppb
Calcium	43-1	250447.69	251008.13	252780.63	251412.15	0.48	ppb
Calcium	44-1	252580.27	249597.81	251750.39	251309.49	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.40	509.38	491.12	499.64	1.84	ppb
Cobalt	59-2	492.79	489.97	484.30	489.02	0.88	ppb
Copper	63-2	4772.97	4736.85	4784.01	4764.61	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	129170.37	127433.92	125552.24	127385.51	1.42	ppb
Iron	57-2	127355.15	124756.07	124922.00	125677.74	1.16	ppb
Iron	54-2	127461.43	126693.13	126387.94	126847.50	0.44	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:33:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2485.33	2540.65	2508.34	2511.44	1.11	ppb
Lead	207-1	2499.02	2539.16	2560.24	2532.81	1.23	ppb
Lead	208-1	2490.78	2524.69	2524.54	2513.34	0.78	ppb
Lithium	6-1				91		%
Magnesium	24-2	234437.24	232472.71	229971.74	232293.89	0.96	ppb
Manganese	55-2	4868.47	4926.63	4832.96	4876.02	0.97	ppb
Molybdenum	94-1	4942.59	5001.97	4946.94	4963.83	0.67	ppb
Molybdenum	95-1	4949.02	4982.33	4993.07	4974.80	0.46	ppb
Molybdenum	96-1	4920.98	4948.59	4953.29	4940.95	0.35	ppb
Molybdenum	97-1	4946.77	4979.49	4849.38	4925.21	1.37	ppb
Molybdenum	98-1	4872.68	4909.16	4881.01	4887.62	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.63	462.11	459.19	462.31	0.70	ppb
Phosphorus	31-2	9589.95	9414.37	9437.54	9480.62	1.01	ppb
Potassium	39-2	122010.05	121360.79	120188.86	121186.57	0.76	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	467.86	468.10	473.55	469.84	0.69	ppb
Selenium	77-2	452.64	474.85	456.58	461.36	2.57	ppb
Selenium	78-2	465.17	472.81	462.10	466.69	1.18	ppb
Silicon	28-1	195.69	197.50	198.50	197.23	0.72	ppb
Silver	107-1	472.13	472.37	473.70	472.73	0.18	ppb
Silver	109-1	469.09	473.67	483.96	475.57	1.60	ppb
Sodium	23-2	242118.50	243096.23	239854.36	241689.70	0.69	ppb
Strontium	86-1	12261.39	12491.93	12383.81	12379.04	0.93	ppb
Strontium	88-1	12114.78	12380.30	12386.35	12293.81	1.26	ppb
Sulfur	34-1	9542.52	9360.68	9554.17	9485.79	1.14	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	504.39	506.64	500.10	503.71	0.66	ppb
Thallium	205-1	493.90	504.35	498.23	498.83	1.05	ppb
Tin	118-1	480.56	488.48	498.48	489.17	1.84	ppb
Titanium	47-1	5025.29	4953.10	4910.33	4962.91	1.17	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:33:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	493.69	505.12	512.81	503.87	1.91	ppb
Vanadium	51-2	505.75	502.30	500.23	502.76	0.55	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	4604.27	4673.34	4597.89	4625.17	0.90	ppb
Zirconium	90-1	488.81	500.77	495.77	495.12	1.21	ppb
Zirconium	91-1	500.54	492.44	498.95	497.31	0.86	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:39:43	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.47	0.55	0.53	10.71	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	14.85	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00	350.50	ppb
Barium	135-1	0.03	0.03	0.01	0.02	42.36	ppb
Barium	137-1	0.02	0.02	0.02	0.02	17.21	ppb
Beryllium	9-1	0.01	0.04	0.04	0.03	47.87	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.02	0.04	0.02	151.55	ppb
Cadmium	106-1	-0.67	-0.73	-0.41	-0.60		ppb
Cadmium	111-1	-0.03	-0.04	-0.02	-0.03		ppb
Calcium	43-1	1.10	1.07	-0.29	0.63	127.02	ppb
Calcium	44-1	1.93	1.30	0.75	1.33	44.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	0.02	0.02	36.58	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.11	0.12	0.12	0.12	7.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	0.48	0.47	0.38	0.44	12.17	ppb
Iron	57-2	-0.94	-2.04	-0.34	-1.11		ppb
Iron	54-2	0.15	0.36	-0.07	0.14	148.48	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:39:43	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.13	0.12	0.12	5.48	ppb
Lead	207-1	0.13	0.12	0.12	0.13	5.03	ppb
Lead	208-1	0.12	0.12	0.12	0.12	3.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.35	1.15	1.26	1.25	7.95	ppb
Manganese	55-2	0.04	0.03	0.02	0.03	30.84	ppb
Molybdenum	94-1	0.07	0.08	0.06	0.07	15.51	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.06	15.39	ppb
Molybdenum	96-1	0.06	0.06	0.05	0.06	9.50	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.07	9.58	ppb
Molybdenum	98-1	0.06	0.06	0.05	0.05	10.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.05	0.04	21.02	ppb
Phosphorus	31-2	-18.94	-18.27	-18.54	-18.58		ppb
Potassium	39-2	-3.63	-4.68	-3.31	-3.87		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.14	-0.19	-0.17	-0.07		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.46	-0.27	0.39	-0.11		ppb
Silicon	28-1	-9.33	-9.35	-8.49	-9.06		ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.68	ppb
Silver	109-1	0.02	0.01	0.02	0.02	14.44	ppb
Sodium	23-2	27.50	26.56	26.61	26.89	1.96	ppb
Strontium	86-1	-0.51	0.24	-0.53	-0.27		ppb
Strontium	88-1	0.10	0.15	0.08	0.11	29.63	ppb
Sulfur	34-1	-554.42	-522.09	-408.87	-495.13		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	10.59	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.60	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.05	0.05	0.05	0.05	9.96	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:39:43	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	13.68	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	72.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.24	0.26	0.26	0.25	4.22	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.90	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	65.47	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-02	Instrumnet Name :	P7
Client Sample ID :	MJNKH1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:43:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3211.30	3181.24	3173.49	3188.68	0.63	ppb
Antimony	121-1	14.61	14.85	14.90	14.79	1.05	ppb
Arsenic	75-2	85.52	85.92	85.66	85.70	0.24	ppb
Barium	135-1	47.03	47.84	48.02	47.63	1.11	ppb
Barium	137-1	48.23	48.60	48.56	48.46	0.42	ppb
Beryllium	9-1	0.21	0.21	0.20	0.21	4.67	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.58	1.26	1.44	11.26	ppb
Cadmium	106-1	1.66	0.99	0.49	1.05	55.83	ppb
Cadmium	111-1	1.31	1.31	1.37	1.33	2.80	ppb
Calcium	43-1	27961.74	27964.69	28225.27	28050.57	0.54	ppb
Calcium	44-1	27440.84	27070.65	27178.73	27230.07	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.50	14.66	14.56	14.57	0.53	ppb
Cobalt	59-2	16.06	15.83	15.64	15.85	1.31	ppb
Copper	63-2	1092.02	1082.34	1103.25	1092.54	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	17300.30	17097.32	17094.80	17164.14	0.69	ppb
Iron	57-2	17144.55	17056.41	16862.88	17021.28	0.85	ppb
Iron	54-2	16900.50	17202.64	17217.96	17107.03	1.05	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-02	Instrumnet Name :	P7
Client Sample ID :	MJNKH1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:43:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	302.18	303.28	301.35	302.27	0.32	ppb
Lead	207-1	301.38	304.59	297.13	301.03	1.24	ppb
Lead	208-1	296.99	301.24	299.10	299.11	0.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	2872.42	2846.67	2845.83	2854.97	0.53	ppb
Manganese	55-2	108.74	108.79	108.52	108.68	0.13	ppb
Molybdenum	94-1	4.04	4.05	4.14	4.08	1.38	ppb
Molybdenum	95-1	3.06	3.00	2.98	3.01	1.48	ppb
Molybdenum	96-1	3.22	3.21	3.17	3.20	0.84	ppb
Molybdenum	97-1	3.08	2.99	3.06	3.04	1.54	ppb
Molybdenum	98-1	2.99	3.02	3.03	3.01	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.31	10.45	10.33	10.36	0.73	ppb
Phosphorus	31-2	1343.01	1340.43	1357.55	1346.99	0.69	ppb
Potassium	39-2	1684.58	1670.11	1675.45	1676.71	0.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.57	0.74	-0.09	0.41	107.80	ppb
Selenium	77-2	2.99	5.32	4.71	4.34	27.89	ppb
Selenium	78-2	1.00	0.33	1.79	1.04	70.08	ppb
Silicon	28-1	751.37	777.79	791.42	773.53	2.63	ppb
Silver	107-1	2.74	2.76	2.79	2.76	0.84	ppb
Silver	109-1	2.77	2.69	2.77	2.74	1.56	ppb
Sodium	23-2	10937.18	10961.23	10934.27	10944.23	0.14	ppb
Strontium	86-1	5340.31	5406.14	5344.20	5363.55	0.69	ppb
Strontium	88-1	5530.07	5458.70	5494.32	5494.36	0.65	ppb
Sulfur	34-1	5824.20	5910.62	5903.16	5879.33	0.81	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.49	0.45	0.48	0.48	4.23	ppb
Thallium	205-1	0.46	0.46	0.46	0.46	0.32	ppb
Tin	118-1	20.90	21.25	21.09	21.08	0.84	ppb
Titanium	47-1	223.83	223.67	224.27	223.93	0.14	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-02	Instrumnet Name :	P7
Client Sample ID :	MJNKH1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:43:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.70	1.73	1.74	1.73	1.21	ppb
Vanadium	51-2	18.64	18.84	18.65	18.71	0.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	883.69	880.72	882.10	882.17	0.17	ppb
Zirconium	90-1	0.87	0.90	0.87	0.88	2.12	ppb
Zirconium	91-1	0.92	0.89	0.87	0.89	2.95	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKH1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:46:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	665.56	664.80	657.75	662.70	0.65	ppb
Antimony	121-1	3.14	3.10	3.14	3.13	0.88	ppb
Arsenic	75-2	17.50	18.64	17.67	17.93	3.43	ppb
Barium	135-1	9.62	9.47	9.61	9.56	0.90	ppb
Barium	137-1	9.63	9.51	9.75	9.63	1.23	ppb
Beryllium	9-1	0.04	0.06	0.06	0.06	25.89	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.32	0.43	0.32	32.71	ppb
Cadmium	106-1	-0.14	-0.94	-0.06	-0.38		ppb
Cadmium	111-1	0.24	0.19	0.23	0.22	11.57	ppb
Calcium	43-1	2077.83	2060.31	2097.81	2078.65	0.90	ppb
Calcium	44-1	2084.91	2108.02	2097.87	2096.93	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.11	3.01	2.96	3.03	2.58	ppb
Cobalt	59-2	3.32	3.27	3.25	3.28	1.07	ppb
Copper	63-2	221.32	222.14	219.46	220.97	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				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	3471.54	3507.10	3480.68	3486.44	0.53	ppb
Iron	57-2	3484.73	3468.21	3437.55	3463.50	0.69	ppb
Iron	54-2	3506.85	3504.20	3470.43	3493.83	0.58	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKH1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:46:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.51	55.87	56.14	55.84	0.57	ppb
Lead	207-1	54.33	54.84	54.63	54.60	0.47	ppb
Lead	208-1	54.40	54.86	54.85	54.70	0.48	ppb
Lithium	6-1				95		%
Magnesium	24-2	530.54	533.70	528.48	530.91	0.50	ppb
Manganese	55-2	21.01	20.77	21.00	20.93	0.65	ppb
Molybdenum	94-1	0.86	0.84	0.81	0.84	3.40	ppb
Molybdenum	95-1	0.60	0.62	0.64	0.62	3.75	ppb
Molybdenum	96-1	0.66	0.67	0.70	0.67	3.05	ppb
Molybdenum	97-1	0.65	0.63	0.66	0.65	1.94	ppb
Molybdenum	98-1	0.62	0.62	0.65	0.63	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.10	2.06	2.11	3.01	ppb
Phosphorus	31-2	246.54	228.43	262.22	245.73	6.88	ppb
Potassium	39-2	336.15	342.85	335.89	338.30	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.24	0.38	-0.10	0.17	140.43	ppb
Selenium	77-2	0.74	1.07	1.21	1.01	23.75	ppb
Selenium	78-2	-0.54	1.28	0.23	0.32	284.02	ppb
Silicon	28-1	153.22	161.54	171.36	162.04	5.60	ppb
Silver	107-1	0.59	0.56	0.57	0.57	2.58	ppb
Silver	109-1	0.56	0.56	0.58	0.57	1.93	ppb
Sodium	23-2	2235.21	2191.47	2180.38	2202.35	1.32	ppb
Strontium	86-1	313.50	302.97	323.20	313.23	3.23	ppb
Strontium	88-1	309.59	308.63	314.04	310.75	0.93	ppb
Sulfur	34-1	809.92	775.09	813.93	799.65	2.67	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.09	0.09	3.76	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	2.54	ppb
Tin	118-1	4.20	4.11	4.24	4.18	1.52	ppb
Titanium	47-1	45.24	45.05	44.93	45.07	0.35	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKH1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:46:08	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.34	0.33	0.34	0.94	ppb
Vanadium	51-2	3.76	3.81	3.59	3.72	3.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	180.96	181.36	180.23	180.85	0.32	ppb
Zirconium	90-1	0.17	0.16	0.18	0.17	4.38	ppb
Zirconium	91-1	0.16	0.17	0.18	0.17	5.09	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:49:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3607.01	3562.34	3572.94	3580.76	0.65	ppb
Antimony	121-1	35.83	36.11	35.95	35.96	0.38	ppb
Arsenic	75-2	97.10	92.62	95.50	95.07	2.39	ppb
Barium	135-1	448.15	444.27	442.11	444.84	0.69	ppb
Barium	137-1	477.48	477.54	476.79	477.27	0.09	ppb
Beryllium	9-1	11.86	11.13	11.28	11.42	3.37	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.18	11.33	11.93	11.48	3.47	ppb
Cadmium	106-1	10.19	10.92	10.32	10.48	3.71	ppb
Cadmium	111-1	10.57	10.67	10.34	10.53	1.64	ppb
Calcium	43-1	13555.94	13795.15	13664.86	13671.98	0.88	ppb
Calcium	44-1	13201.08	13313.17	13235.21	13249.82	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.06	57.82	57.64	57.84	0.36	ppb
Cobalt	59-2	123.75	123.03	123.66	123.48	0.32	ppb
Copper	63-2	1165.73	1157.44	1175.56	1166.25	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	17651.84	17582.99	17301.46	17512.10	1.06	ppb
Iron	57-2	17500.53	17310.72	17137.25	17316.17	1.05	ppb
Iron	54-2	17438.51	17475.42	17587.00	17500.31	0.44	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:49:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	300.99	303.01	298.49	300.83	0.75	ppb
Lead	207-1	295.91	303.23	299.41	299.52	1.22	ppb
Lead	208-1	297.36	302.46	298.19	299.33	0.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	2732.51	2706.97	2747.94	2729.14	0.76	ppb
Manganese	55-2	205.35	206.60	205.01	205.65	0.41	ppb
Molybdenum	94-1	3.94	4.12	3.92	4.00	2.77	ppb
Molybdenum	95-1	3.02	3.05	2.92	2.99	2.37	ppb
Molybdenum	96-1	3.23	3.24	3.17	3.21	1.23	ppb
Molybdenum	97-1	3.00	3.01	3.00	3.00	0.15	ppb
Molybdenum	98-1	2.98	3.05	2.96	2.99	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.95	119.12	118.35	118.80	0.34	ppb
Phosphorus	31-2	1333.96	1357.69	1297.80	1329.82	2.27	ppb
Potassium	39-2	1668.13	1680.01	1674.76	1674.30	0.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	22.04	22.29	21.19	21.84	2.62	ppb
Selenium	77-2	22.61	25.10	25.72	24.48	6.74	ppb
Selenium	78-2	24.30	22.09	20.24	22.21	9.16	ppb
Silicon	28-1	717.65	844.55	728.14	763.45	9.23	ppb
Silver	107-1	13.18	13.35	13.16	13.23	0.80	ppb
Silver	109-1	13.34	13.34	13.19	13.29	0.64	ppb
Sodium	23-2	10727.59	10646.29	10642.34	10672.08	0.45	ppb
Strontium	86-1	2261.09	2254.48	2224.74	2246.77	0.86	ppb
Strontium	88-1	2326.15	2301.32	2309.52	2312.33	0.55	ppb
Sulfur	34-1	5558.89	5571.24	5580.60	5570.24	0.20	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	9.73	10.09	9.84	9.89	1.84	ppb
Thallium	205-1	9.57	9.88	9.87	9.78	1.78	ppb
Tin	118-1	20.88	21.01	21.08	20.99	0.47	ppb
Titanium	47-1	221.43	225.54	221.55	222.84	1.05	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:49:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.72	1.68	1.69	1.36	ppb
Vanadium	51-2	123.43	123.65	122.65	123.24	0.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	1003.93	1001.29	995.09	1000.10	0.45	ppb
Zirconium	90-1	0.85	0.86	0.89	0.87	2.31	ppb
Zirconium	91-1	0.87	0.95	0.87	0.89	4.95	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:52:27	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14658.05	14733.19	14613.36	14668.20	0.41	ppb
Antimony	121-1	0.25	0.26	0.26	0.25	3.01	ppb
Arsenic	75-2	9.72	9.02	8.74	9.16	5.52	ppb
Barium	135-1	139.72	139.14	139.64	139.50	0.22	ppb
Barium	137-1	141.26	140.87	140.20	140.78	0.38	ppb
Beryllium	9-1	0.85	0.83	0.83	0.84	1.36	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.05	1.33	1.31	18.96	ppb
Cadmium	106-1	2.51	2.70	2.38	2.53	6.34	ppb
Cadmium	111-1	0.50	0.47	0.47	0.48	2.89	ppb
Calcium	43-1	9886.04	9861.44	10216.35	9987.95	1.98	ppb
Calcium	44-1	9560.44	9634.16	9725.18	9639.92	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.75	21.71	21.57	21.68	0.43	ppb
Cobalt	59-2	25.35	25.25	25.39	25.33	0.28	ppb
Copper	63-2	60.64	60.61	60.27	60.51	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	52051.42	52549.78	50985.82	51862.34	1.54	ppb
Iron	57-2	51305.57	50932.74	50467.41	50901.91	0.82	ppb
Iron	54-2	51825.58	52410.90	51208.23	51814.90	1.16	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:52:27	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.02	40.96	40.40	40.46	1.18	ppb
Lead	207-1	38.71	39.60	39.42	39.24	1.20	ppb
Lead	208-1	39.00	40.05	39.53	39.53	1.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	12140.25	12196.04	12217.92	12184.74	0.33	ppb
Manganese	55-2	927.13	920.05	904.80	917.33	1.24	ppb
Molybdenum	94-1	23.83	24.02	23.58	23.81	0.92	ppb
Molybdenum	95-1	0.71	0.74	0.69	0.71	3.00	ppb
Molybdenum	96-1	3.48	3.51	3.47	3.49	0.64	ppb
Molybdenum	97-1	0.69	0.69	0.67	0.68	1.87	ppb
Molybdenum	98-1	0.68	0.68	0.64	0.67	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.58	40.61	40.43	40.54	0.23	ppb
Phosphorus	31-2	1683.07	1691.28	1635.35	1669.90	1.81	ppb
Potassium	39-2	854.52	851.72	843.17	849.80	0.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.61	0.54	0.54	0.56	7.00	ppb
Selenium	77-2	8.66	9.99	12.07	10.24	16.79	ppb
Selenium	78-2	2.88	2.65	1.73	2.42	25.11	ppb
Silicon	28-1	774.41	785.17	799.20	786.26	1.58	ppb
Silver	107-1	0.14	0.12	0.11	0.12	10.99	ppb
Silver	109-1	0.13	0.11	0.10	0.11	17.06	ppb
Sodium	23-2	591.81	589.97	582.53	588.10	0.83	ppb
Strontium	86-1	1414.34	1440.79	1422.68	1425.94	0.95	ppb
Strontium	88-1	1469.12	1489.71	1465.39	1474.74	0.89	ppb
Sulfur	34-1	-906.85	-1000.57	-899.08	-935.50		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.17	0.17	0.18	0.17	2.37	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	3.44	ppb
Tin	118-1	2.01	1.98	1.97	1.99	1.20	ppb
Titanium	47-1	2079.62	2112.22	2121.79	2104.54	1.05	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:52:27	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.08	1.07	1.07	0.80	ppb
Vanadium	51-2	113.64	113.24	112.58	113.15	0.47	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	115.20	114.28	116.33	115.27	0.89	ppb
Zirconium	90-1	12.98	13.20	12.94	13.04	1.09	ppb
Zirconium	91-1	12.95	13.15	12.82	12.97	1.29	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:55:38	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14856.25	14771.65	14881.87	14836.59	0.39	ppb
Antimony	121-1	0.23	0.25	0.24	0.24	4.50	ppb
Arsenic	75-2	9.54	9.32	9.54	9.46	1.31	ppb
Barium	135-1	141.93	140.64	140.75	141.11	0.51	ppb
Barium	137-1	142.31	141.53	141.99	141.94	0.28	ppb
Beryllium	9-1	0.83	0.85	0.81	0.83	2.44	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.30	1.26	1.37	11.61	ppb
Cadmium	106-1	3.06	3.24	2.88	3.06	5.75	ppb
Cadmium	111-1	0.50	0.51	0.49	0.50	1.96	ppb
Calcium	43-1	10075.28	10326.06	10284.13	10228.49	1.31	ppb
Calcium	44-1	9603.40	9722.02	9788.32	9704.58	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.58	21.21	21.09	21.29	1.21	ppb
Cobalt	59-2	25.77	25.47	25.76	25.67	0.65	ppb
Copper	63-2	60.76	61.12	60.80	60.89	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	52126.68	53130.35	52148.05	52468.36	1.09	ppb
Iron	57-2	52191.68	51413.21	52187.22	51930.70	0.86	ppb
Iron	54-2	52001.99	52336.98	51913.23	52084.07	0.43	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:55:38	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.72	41.22	41.29	41.07	0.76	ppb
Lead	207-1	39.59	39.88	40.39	39.95	1.01	ppb
Lead	208-1	39.84	40.15	40.68	40.22	1.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	12186.70	12195.29	12124.08	12168.69	0.32	ppb
Manganese	55-2	914.62	924.66	910.80	916.69	0.78	ppb
Molybdenum	94-1	23.82	24.04	24.17	24.01	0.72	ppb
Molybdenum	95-1	0.68	0.67	0.72	0.69	3.64	ppb
Molybdenum	96-1	3.44	3.52	3.62	3.53	2.53	ppb
Molybdenum	97-1	0.72	0.73	0.69	0.71	2.80	ppb
Molybdenum	98-1	0.69	0.66	0.67	0.67	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.74	40.94	40.93	40.87	0.27	ppb
Phosphorus	31-2	1705.02	1727.69	1704.88	1712.53	0.77	ppb
Potassium	39-2	860.60	864.27	857.29	860.72	0.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.91	0.33	0.26	0.50	71.89	ppb
Selenium	77-2	8.35	12.42	8.07	9.61	25.29	ppb
Selenium	78-2	1.86	1.90	1.31	1.69	19.36	ppb
Silicon	28-1	796.49	813.25	810.37	806.70	1.11	ppb
Silver	107-1	0.10	0.09	0.09	0.10	6.75	ppb
Silver	109-1	0.08	0.09	0.08	0.08	2.77	ppb
Sodium	23-2	596.26	589.16	591.51	592.31	0.61	ppb
Strontium	86-1	1438.54	1437.88	1443.91	1440.11	0.23	ppb
Strontium	88-1	1480.33	1487.07	1474.87	1480.76	0.41	ppb
Sulfur	34-1	-1067.77	-1019.78	-1013.52	-1033.69		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.16	0.15	0.17	0.16	6.10	ppb
Thallium	205-1	0.16	0.17	0.16	0.16	3.40	ppb
Tin	118-1	1.98	2.01	1.97	1.99	0.93	ppb
Titanium	47-1	2123.23	2159.19	2180.00	2154.14	1.33	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:55:38	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.06	1.07	1.06	0.87	ppb
Vanadium	51-2	114.68	114.66	114.63	114.66	0.02	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	115.85	116.31	114.35	115.50	0.89	ppb
Zirconium	90-1	13.01	13.19	13.07	13.09	0.71	ppb
Zirconium	91-1	13.05	13.15	13.14	13.11	0.40	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:58:46	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2977.95	2940.89	2949.16	2956.00	0.66	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	1.70	ppb
Arsenic	75-2	1.97	1.98	2.00	1.98	0.88	ppb
Barium	135-1	28.08	28.19	28.16	28.14	0.21	ppb
Barium	137-1	28.53	27.90	28.39	28.28	1.17	ppb
Beryllium	9-1	0.16	0.19	0.20	0.18	12.59	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.31	0.31	0.29	14.50	ppb
Cadmium	106-1	-0.47	-0.20	0.07	-0.20		ppb
Cadmium	111-1	0.04	0.06	0.07	0.06	27.51	ppb
Calcium	43-1	2056.11	2079.18	2022.47	2052.59	1.39	ppb
Calcium	44-1	2068.79	2087.03	2078.11	2077.98	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.37	4.47	4.39	4.41	1.13	ppb
Cobalt	59-2	5.20	5.13	5.22	5.18	0.95	ppb
Copper	63-2	12.48	12.56	12.49	12.51	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	10681.69	10623.77	10618.53	10641.33	0.33	ppb
Iron	57-2	10493.70	10548.34	10530.80	10524.28	0.27	ppb
Iron	54-2	10750.62	10615.96	10662.93	10676.50	0.64	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:58:46	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.98	7.95	8.09	8.01	0.94	ppb
Lead	207-1	7.81	7.71	7.91	7.81	1.28	ppb
Lead	208-1	7.79	7.84	7.93	7.85	0.87	ppb
Lithium	6-1				92		%
Magnesium	24-2	2554.33	2492.03	2523.48	2523.28	1.23	ppb
Manganese	55-2	184.50	183.12	183.68	183.77	0.38	ppb
Molybdenum	94-1	5.03	5.24	5.08	5.12	2.19	ppb
Molybdenum	95-1	0.14	0.17	0.15	0.15	11.94	ppb
Molybdenum	96-1	0.75	0.77	0.76	0.76	1.44	ppb
Molybdenum	97-1	0.13	0.14	0.13	0.13	7.62	ppb
Molybdenum	98-1	0.14	0.16	0.14	0.15	7.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.12	8.09	8.23	8.14	0.90	ppb
Phosphorus	31-2	334.17	329.82	337.12	333.70	1.10	ppb
Potassium	39-2	177.70	174.29	177.03	176.34	1.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.30	0.07	0.16	0.17	67.17	ppb
Selenium	77-2	3.94	1.88	2.63	2.82	37.02	ppb
Selenium	78-2	0.37	0.76	1.69	0.94	72.13	ppb
Silicon	28-1	166.08	181.19	169.41	172.22	4.61	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.66	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.02	ppb
Sodium	23-2	151.91	149.11	148.94	149.99	1.11	ppb
Strontium	86-1	311.77	310.20	306.09	309.35	0.95	ppb
Strontium	88-1	302.59	302.88	305.59	303.68	0.55	ppb
Sulfur	34-1	-1092.47	-978.32	-1013.39	-1028.06		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.04	0.03	8.69	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	7.84	ppb
Tin	118-1	0.37	0.38	0.38	0.38	2.38	ppb
Titanium	47-1	425.77	429.56	427.11	427.48	0.45	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:58:46	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.20	0.21	0.21	1.31	ppb
Vanadium	51-2	23.57	23.18	23.26	23.34	0.88	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	23.04	23.73	23.56	23.44	1.54	ppb
Zirconium	90-1	2.74	2.80	2.77	2.77	0.99	ppb
Zirconium	91-1	2.84	2.72	2.77	2.78	2.23	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:02:02	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14721.15	14803.95	14636.71	14720.61	0.57	ppb
Antimony	121-1	20.50	21.04	20.95	20.83	1.38	ppb
Arsenic	75-2	17.24	17.39	16.76	17.13	1.91	ppb
Barium	135-1	567.37	565.35	559.91	564.21	0.68	ppb
Barium	137-1	568.45	572.67	565.69	568.94	0.62	ppb
Beryllium	9-1	12.12	11.98	12.00	12.03	0.64	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	11.44	11.01	11.12	11.19	1.97	ppb
Cadmium	106-1	12.49	11.98	11.97	12.15	2.44	ppb
Cadmium	111-1	9.74	9.74	9.54	9.67	1.22	ppb
Calcium	43-1	9958.65	9822.34	9688.94	9823.31	1.37	ppb
Calcium	44-1	9536.56	9400.66	9409.19	9448.80	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.64	61.94	61.34	61.64	0.48	ppb
Cobalt	59-2	124.99	127.03	126.25	126.09	0.82	ppb
Copper	63-2	106.41	108.29	107.69	107.46	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	50726.11	51737.84	52002.98	51488.98	1.31	ppb
Iron	57-2	49797.05	50782.75	49339.73	49973.18	1.48	ppb
Iron	54-2	51753.94	51220.97	50967.32	51314.08	0.78	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:02:02	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.93	44.81	43.99	44.25	1.11	ppb
Lead	207-1	43.23	43.02	43.05	43.10	0.27	ppb
Lead	208-1	43.22	43.40	43.13	43.25	0.31	ppb
Lithium	6-1				93		%
Magnesium	24-2	12015.19	12014.19	11783.89	11937.76	1.12	ppb
Manganese	55-2	991.65	1001.64	988.95	994.08	0.67	ppb
Molybdenum	94-1	22.77	23.38	23.21	23.12	1.37	ppb
Molybdenum	95-1	0.68	0.70	0.70	0.69	1.84	ppb
Molybdenum	96-1	3.45	3.50	3.45	3.47	0.90	ppb
Molybdenum	97-1	0.67	0.63	0.68	0.66	3.92	ppb
Molybdenum	98-1	0.65	0.68	0.68	0.67	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.47	142.59	142.18	141.74	0.79	ppb
Phosphorus	31-2	1633.57	1671.65	1642.65	1649.29	1.21	ppb
Potassium	39-2	824.91	844.32	831.28	833.50	1.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	20.09	20.05	20.27	20.14	0.59	ppb
Selenium	77-2	33.19	29.73	29.28	30.73	6.95	ppb
Selenium	78-2	23.13	21.89	20.98	22.00	4.89	ppb
Silicon	28-1	792.96	785.91	785.06	787.98	0.55	ppb
Silver	107-1	10.36	10.61	10.52	10.49	1.22	ppb
Silver	109-1	10.31	10.60	10.58	10.50	1.53	ppb
Sodium	23-2	568.05	570.39	565.37	567.93	0.44	ppb
Strontium	86-1	1378.36	1428.74	1395.86	1400.99	1.83	ppb
Strontium	88-1	1454.52	1441.04	1431.31	1442.29	0.81	ppb
Sulfur	34-1	-1120.11	-1142.78	-1159.18	-1140.69		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	9.58	9.63	9.74	9.65	0.84	ppb
Thallium	205-1	9.54	9.64	9.57	9.59	0.54	ppb
Tin	118-1	1.90	1.98	1.92	1.94	2.16	ppb
Titanium	47-1	2115.71	2057.78	2077.94	2083.81	1.41	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:02:02	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.07	1.05	1.05	1.12	ppb
Vanadium	51-2	212.13	212.87	211.50	212.17	0.32	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	213.79	213.51	213.32	213.54	0.11	ppb
Zirconium	90-1	12.57	12.87	12.89	12.78	1.39	ppb
Zirconium	91-1	12.67	12.92	12.63	12.74	1.26	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:05:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6657.76	6819.37	6802.59	6759.91	1.31	ppb
Antimony	121-1	5.35	5.33	5.47	5.39	1.45	ppb
Arsenic	75-2	28.37	28.99	28.70	28.69	1.09	ppb
Barium	135-1	26.37	25.90	26.94	26.40	1.98	ppb
Barium	137-1	26.54	26.39	26.79	26.57	0.78	ppb
Beryllium	9-1	0.20	0.20	0.23	0.21	9.20	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.86	0.88	0.87	1.22	ppb
Cadmium	106-1	0.52	0.60	0.05	0.39	76.90	ppb
Cadmium	111-1	0.86	0.82	0.80	0.83	3.64	ppb
Calcium	43-1	7037.73	7060.43	7247.42	7115.19	1.62	ppb
Calcium	44-1	6769.42	6814.27	6934.27	6839.32	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.25	26.06	26.37	26.23	0.61	ppb
Cobalt	59-2	7.09	7.05	7.13	7.09	0.55	ppb
Copper	63-2	364.63	363.82	376.32	368.26	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	12965.63	13031.92	13281.45	13093.00	1.27	ppb
Iron	57-2	12603.88	12756.78	13071.85	12810.84	1.86	ppb
Iron	54-2	13074.96	12871.28	13192.30	13046.18	1.25	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:05:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.53	50.37	50.20	50.03	0.89	ppb
Lead	207-1	49.22	50.40	50.76	50.13	1.61	ppb
Lead	208-1	49.11	50.08	49.93	49.71	1.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	4289.77	4382.73	4454.74	4375.75	1.89	ppb
Manganese	55-2	116.91	116.41	118.66	117.32	1.01	ppb
Molybdenum	94-1	8.22	8.24	8.32	8.26	0.60	ppb
Molybdenum	95-1	2.76	2.83	2.86	2.81	1.70	ppb
Molybdenum	96-1	3.46	3.48	3.41	3.45	0.96	ppb
Molybdenum	97-1	2.84	2.79	2.81	2.81	1.07	ppb
Molybdenum	98-1	2.75	2.76	2.84	2.79	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.67	21.13	21.86	21.55	1.76	ppb
Phosphorus	31-2	807.91	859.55	826.27	831.25	3.15	ppb
Potassium	39-2	1402.21	1415.36	1418.94	1412.17	0.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	1.05	0.91	0.81	0.92	12.82	ppb
Selenium	77-2	4.34	5.59	6.01	5.31	16.33	ppb
Selenium	78-2	1.91	1.48	0.78	1.39	41.35	ppb
Silicon	28-1	630.81	641.28	648.94	640.35	1.42	ppb
Silver	107-1	0.76	0.73	0.73	0.74	2.02	ppb
Silver	109-1	0.75	0.71	0.71	0.72	3.01	ppb
Sodium	23-2	7593.48	7675.71	7674.01	7647.73	0.61	ppb
Strontium	86-1	1190.16	1199.27	1198.75	1196.06	0.43	ppb
Strontium	88-1	1237.72	1215.97	1241.92	1231.87	1.13	ppb
Sulfur	34-1	3207.24	3265.38	3518.11	3330.24	4.96	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.26	0.24	0.25	0.25	3.83	ppb
Thallium	205-1	0.26	0.26	0.26	0.26	0.62	ppb
Tin	118-1	2.88	2.85	2.84	2.85	0.77	ppb
Titanium	47-1	522.96	522.94	538.76	528.22	1.73	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:05:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.57	2.64	2.61	2.61	1.43	ppb
Vanadium	51-2	29.64	29.83	29.87	29.78	0.40	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	132.48	132.09	132.38	132.32	0.15	ppb
Zirconium	90-1	3.31	3.26	3.30	3.29	0.91	ppb
Zirconium	91-1	3.25	3.33	3.37	3.32	1.83	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:08:19	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6639.41	6755.95	6616.57	6670.64	1.12	ppb
Antimony	121-1	5.37	5.37	5.50	5.41	1.40	ppb
Arsenic	75-2	28.25	27.43	28.00	27.89	1.51	ppb
Barium	135-1	26.63	26.29	26.77	26.56	0.92	ppb
Barium	137-1	26.70	26.52	27.32	26.85	1.58	ppb
Beryllium	9-1	0.21	0.22	0.24	0.22	7.57	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.77	0.86	0.90	0.84	7.59	ppb
Cadmium	106-1	0.44	-0.29	0.00	0.05	745.43	ppb
Cadmium	111-1	0.83	0.79	0.83	0.81	2.70	ppb
Calcium	43-1	7051.76	7180.76	7292.02	7174.84	1.68	ppb
Calcium	44-1	6729.19	6860.51	6988.64	6859.44	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.25	26.09	26.24	26.20	0.35	ppb
Cobalt	59-2	7.13	7.17	7.05	7.12	0.84	ppb
Copper	63-2	368.83	377.00	369.41	371.75	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	13106.31	13200.73	13031.89	13112.97	0.65	ppb
Iron	57-2	12905.74	12747.84	13030.32	12894.63	1.10	ppb
Iron	54-2	13041.95	13135.91	12942.99	13040.28	0.74	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:08:19	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.11	49.88	49.75	49.91	0.37	ppb
Lead	207-1	49.94	50.31	50.00	50.08	0.40	ppb
Lead	208-1	49.64	49.78	49.86	49.76	0.23	ppb
Lithium	6-1				92		%
Magnesium	24-2	4354.95	4450.42	4312.61	4372.66	1.61	ppb
Manganese	55-2	118.36	119.04	117.64	118.35	0.59	ppb
Molybdenum	94-1	8.11	8.25	8.24	8.20	1.00	ppb
Molybdenum	95-1	2.81	2.88	2.84	2.84	1.28	ppb
Molybdenum	96-1	3.49	3.44	3.51	3.48	1.02	ppb
Molybdenum	97-1	2.71	2.80	2.80	2.77	1.98	ppb
Molybdenum	98-1	2.81	2.82	2.77	2.80	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.82	21.40	21.87	21.70	1.18	ppb
Phosphorus	31-2	824.47	828.74	783.15	812.12	3.10	ppb
Potassium	39-2	1417.00	1419.04	1408.26	1414.77	0.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.38	0.99	0.86	0.74	43.13	ppb
Selenium	77-2	3.35	4.21	5.31	4.29	22.83	ppb
Selenium	78-2	1.59	1.72	1.00	1.44	26.70	ppb
Silicon	28-1	650.05	660.30	674.00	661.45	1.82	ppb
Silver	107-1	0.71	0.70	0.72	0.71	1.69	ppb
Silver	109-1	0.69	0.71	0.71	0.70	2.21	ppb
Sodium	23-2	7651.10	7658.27	7418.42	7575.93	1.80	ppb
Strontium	86-1	1193.62	1206.66	1199.98	1200.09	0.54	ppb
Strontium	88-1	1230.48	1245.33	1226.05	1233.95	0.82	ppb
Sulfur	34-1	3199.52	3317.27	3544.37	3353.72	5.23	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.24	0.26	0.26	5.10	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	1.17	ppb
Tin	118-1	2.86	2.87	2.88	2.87	0.40	ppb
Titanium	47-1	523.97	529.15	542.52	531.88	1.80	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:08:19	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.57	2.61	2.61	2.60	0.91	ppb
Vanadium	51-2	29.77	29.79	29.54	29.70	0.47	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	132.43	133.62	133.62	133.22	0.52	ppb
Zirconium	90-1	3.30	3.33	3.30	3.31	0.50	ppb
Zirconium	91-1	3.24	3.41	3.36	3.34	2.67	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:11:27	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1339.63	1342.33	1338.39	1340.12	0.15	ppb
Antimony	121-1	1.08	1.15	1.11	1.11	2.99	ppb
Arsenic	75-2	5.73	5.61	5.78	5.71	1.57	ppb
Barium	135-1	5.35	5.30	5.24	5.30	1.05	ppb
Barium	137-1	5.40	5.41	5.34	5.38	0.70	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	33.68	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.13	0.20	0.15	31.50	ppb
Cadmium	106-1	-1.03	-0.26	-0.92	-0.74		ppb
Cadmium	111-1	0.09	0.15	0.10	0.11	24.87	ppb
Calcium	43-1	1455.09	1460.57	1436.13	1450.60	0.88	ppb
Calcium	44-1	1448.10	1443.75	1434.10	1441.99	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.42	5.28	5.46	5.38	1.77	ppb
Cobalt	59-2	1.42	1.43	1.46	1.43	1.55	ppb
Copper	63-2	72.31	71.69	71.83	71.94	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	2655.64	2666.56	2651.54	2657.92	0.29	ppb
Iron	57-2	2637.93	2603.34	2657.75	2633.00	1.05	ppb
Iron	54-2	2703.77	2683.43	2683.70	2690.30	0.43	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:11:27	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.99	10.47	10.14	10.20	2.43	ppb
Lead	207-1	10.22	10.39	10.24	10.28	0.93	ppb
Lead	208-1	10.07	10.28	10.10	10.15	1.12	ppb
Lithium	6-1				90		%
Magnesium	24-2	870.72	870.88	867.10	869.57	0.25	ppb
Manganese	55-2	23.67	23.77	24.05	23.83	0.84	ppb
Molybdenum	94-1	1.63	1.65	1.62	1.63	1.03	ppb
Molybdenum	95-1	0.57	0.60	0.57	0.58	2.74	ppb
Molybdenum	96-1	0.70	0.75	0.70	0.71	4.25	ppb
Molybdenum	97-1	0.58	0.58	0.58	0.58	0.37	ppb
Molybdenum	98-1	0.58	0.57	0.57	0.58	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.40	4.29	4.53	4.41	2.74	ppb
Phosphorus	31-2	149.42	152.42	153.34	151.73	1.35	ppb
Potassium	39-2	289.74	289.23	287.28	288.75	0.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.51	0.10	0.30	0.30	68.45	ppb
Selenium	77-2	0.56	0.86	1.18	0.87	35.57	ppb
Selenium	78-2	0.03	0.49	0.27	0.27	86.99	ppb
Silicon	28-1	135.28	132.43	133.94	133.88	1.06	ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.63	ppb
Silver	109-1	0.14	0.14	0.14	0.14	1.97	ppb
Sodium	23-2	1555.04	1589.34	1562.90	1569.09	1.15	ppb
Strontium	86-1	250.34	252.21	250.30	250.95	0.44	ppb
Strontium	88-1	247.76	246.88	246.74	247.13	0.22	ppb
Sulfur	34-1	-283.55	-344.22	-258.83	-295.53		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.06	0.05	8.21	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.31	ppb
Tin	118-1	0.58	0.57	0.55	0.57	2.60	ppb
Titanium	47-1	107.69	106.75	108.24	107.56	0.70	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:11:27	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.54	0.52	0.53	1.51	ppb
Vanadium	51-2	6.02	5.87	5.92	5.93	1.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	26.56	26.66	27.06	26.76	0.99	ppb
Zirconium	90-1	0.66	0.64	0.67	0.66	1.93	ppb
Zirconium	91-1	0.65	0.63	0.66	0.65	2.37	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:14:42	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7018.07	6951.61	6912.82	6960.83	0.76	ppb
Antimony	121-1	26.36	26.82	26.55	26.58	0.87	ppb
Arsenic	75-2	36.65	36.82	37.04	36.84	0.52	ppb
Barium	135-1	424.34	437.84	435.48	432.55	1.67	ppb
Barium	137-1	456.62	465.47	460.51	460.87	0.96	ppb
Beryllium	9-1	11.52	11.38	11.25	11.38	1.17	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.90	12.05	10.57	11.17	6.97	ppb
Cadmium	106-1	9.24	9.13	9.63	9.34	2.84	ppb
Cadmium	111-1	10.14	10.09	10.45	10.23	1.91	ppb
Calcium	43-1	7143.76	7045.58	7148.68	7112.67	0.82	ppb
Calcium	44-1	6913.47	6895.89	6906.08	6905.15	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.98	68.94	68.44	69.12	1.14	ppb
Cobalt	59-2	115.57	113.88	114.10	114.52	0.80	ppb
Copper	63-2	421.24	418.16	413.35	417.58	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	13425.12	13182.29	13130.82	13246.08	1.19	ppb
Iron	57-2	13261.30	12957.73	12874.89	13031.30	1.56	ppb
Iron	54-2	13297.52	13252.89	13133.62	13228.01	0.64	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:14:42	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.69	53.28	54.67	53.54	1.89	ppb
Lead	207-1	53.37	53.45	54.39	53.74	1.05	ppb
Lead	208-1	52.86	53.21	53.96	53.34	1.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	4304.26	4345.08	4303.47	4317.60	0.55	ppb
Manganese	55-2	221.12	218.18	216.90	218.73	0.99	ppb
Molybdenum	94-1	8.00	8.06	8.21	8.09	1.33	ppb
Molybdenum	95-1	2.75	2.77	2.85	2.79	1.88	ppb
Molybdenum	96-1	3.48	3.42	3.44	3.45	0.93	ppb
Molybdenum	97-1	2.69	2.76	2.84	2.76	2.72	ppb
Molybdenum	98-1	2.68	2.81	2.83	2.77	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.77	129.84	128.95	129.85	0.70	ppb
Phosphorus	31-2	820.16	784.26	796.02	800.15	2.29	ppb
Potassium	39-2	1411.87	1395.81	1391.80	1399.83	0.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	21.45	21.61	22.65	21.90	2.98	ppb
Selenium	77-2	26.68	28.06	25.61	26.78	4.58	ppb
Selenium	78-2	22.90	20.47	22.82	22.07	6.25	ppb
Silicon	28-1	655.02	657.08	645.07	652.39	0.98	ppb
Silver	107-1	11.27	11.50	11.35	11.37	1.01	ppb
Silver	109-1	11.28	11.53	11.47	11.43	1.14	ppb
Sodium	23-2	7560.01	7440.18	7428.86	7476.35	0.97	ppb
Strontium	86-1	1184.98	1194.51	1208.94	1196.15	1.01	ppb
Strontium	88-1	1195.67	1219.99	1228.62	1214.76	1.41	ppb
Sulfur	34-1	3278.26	3328.17	3318.34	3308.26	0.80	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	9.76	9.85	10.01	9.87	1.27	ppb
Thallium	205-1	9.60	9.85	9.82	9.76	1.42	ppb
Tin	118-1	2.86	2.85	2.91	2.87	1.07	ppb
Titanium	47-1	526.65	524.33	534.72	528.57	1.03	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:14:42	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.57	2.59	2.59	2.58	0.53	ppb
Vanadium	51-2	135.46	134.54	133.36	134.45	0.78	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	242.40	238.18	236.93	239.17	1.20	ppb
Zirconium	90-1	3.25	3.23	3.26	3.25	0.43	ppb
Zirconium	91-1	3.18	3.27	3.30	3.25	1.91	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:17:48	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9539.29	9745.61	9773.22	9686.04	1.32	ppb
Antimony	121-1	97.63	99.10	99.05	98.59	0.85	ppb
Arsenic	75-2	443.83	441.35	437.25	440.81	0.75	ppb
Barium	135-1	166.92	169.78	169.75	168.82	0.97	ppb
Barium	137-1	168.09	171.33	169.33	169.58	0.97	ppb
Beryllium	9-1	0.34	0.32	0.36	0.34	4.96	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.39	3.56	3.48	3.48	2.46	ppb
Cadmium	106-1	2.28	2.72	2.90	2.63	12.06	ppb
Cadmium	111-1	2.39	2.43	2.58	2.46	3.98	ppb
Calcium	43-1	6919.02	7279.25	7064.65	7087.64	2.56	ppb
Calcium	44-1	6756.80	6999.19	6981.47	6912.49	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.49	36.01	35.87	35.79	0.75	ppb
Cobalt	59-2	38.88	39.22	39.71	39.27	1.05	ppb
Copper	63-2	6170.44	6289.78	6311.46	6257.23	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				111		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	41122.47	41539.33	41709.60	41457.13	0.73	ppb
Iron	57-2	40122.72	40693.36	40789.60	40535.23	0.89	ppb
Iron	54-2	40820.06	41040.56	41441.85	41100.82	0.77	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:17:48	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	561.37	573.67	575.47	570.17	1.35	ppb
Lead	207-1	562.22	572.37	571.57	568.72	0.99	ppb
Lead	208-1	562.11	570.35	571.97	568.15	0.93	ppb
Lithium	6-1				92		%
Magnesium	24-2	5996.90	6094.51	6037.43	6042.95	0.81	ppb
Manganese	55-2	256.62	259.42	258.06	258.03	0.54	ppb
Molybdenum	94-1	16.69	17.03	16.94	16.89	1.04	ppb
Molybdenum	95-1	11.09	11.46	11.30	11.28	1.62	ppb
Molybdenum	96-1	12.00	12.42	12.16	12.19	1.74	ppb
Molybdenum	97-1	11.23	11.57	11.36	11.39	1.49	ppb
Molybdenum	98-1	11.01	11.37	11.30	11.23	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.95	34.17	34.05	34.05	0.32	ppb
Phosphorus	31-2	727.81	741.35	752.71	740.62	1.68	ppb
Potassium	39-2	2374.74	2386.75	2416.54	2392.68	0.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	2.07	2.35	2.56	2.33	10.60	ppb
Selenium	77-2	6.78	6.03	5.57	6.13	9.92	ppb
Selenium	78-2	2.93	3.47	2.31	2.90	19.87	ppb
Silicon	28-1	1311.72	1446.68	1350.81	1369.74	5.07	ppb
Silver	107-1	10.39	10.54	10.55	10.49	0.85	ppb
Silver	109-1	10.29	10.54	10.62	10.49	1.65	ppb
Sodium	23-2	13201.92	13371.01	13507.06	13360.00	1.14	ppb
Strontium	86-1	1652.46	1697.08	1666.97	1672.17	1.36	ppb
Strontium	88-1	1680.52	1714.29	1697.99	1697.60	0.99	ppb
Sulfur	34-1	14627.01	15491.33	14651.75	14923.37	3.30	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.73	0.75	0.76	0.75	1.80	ppb
Thallium	205-1	0.70	0.72	0.72	0.72	1.60	ppb
Tin	118-1	45.01	45.78	45.48	45.42	0.86	ppb
Titanium	47-1	489.55	514.56	498.72	500.94	2.53	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:17:48	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.33	1.37	1.35	1.35	1.37	ppb
Vanadium	51-2	40.96	41.38	41.24	41.20	0.53	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	1854.94	1883.53	1867.45	1868.64	0.77	ppb
Zirconium	90-1	4.17	4.30	4.29	4.25	1.60	ppb
Zirconium	91-1	4.25	4.36	4.34	4.32	1.39	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:20:54	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9573.33	9592.61	9781.13	9649.02	1.19	ppb
Antimony	121-1	96.45	98.71	98.80	97.98	1.36	ppb
Arsenic	75-2	443.76	438.37	447.63	443.26	1.05	ppb
Barium	135-1	165.81	168.46	169.41	167.89	1.11	ppb
Barium	137-1	167.09	170.50	170.91	169.50	1.24	ppb
Beryllium	9-1	0.36	0.34	0.31	0.34	7.20	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.23	3.35	3.54	3.38	4.55	ppb
Cadmium	106-1	3.22	2.40	2.52	2.71	16.43	ppb
Cadmium	111-1	2.57	2.50	2.42	2.50	3.02	ppb
Calcium	43-1	7094.49	7206.16	7262.73	7187.80	1.19	ppb
Calcium	44-1	6849.78	6894.61	7018.94	6921.11	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.77	35.54	36.26	35.86	1.02	ppb
Cobalt	59-2	39.79	38.83	39.75	39.46	1.38	ppb
Copper	63-2	6370.49	6249.70	6334.81	6318.33	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	41368.73	41361.89	42064.33	41598.32	0.97	ppb
Iron	57-2	41690.44	40927.82	40833.45	41150.57	1.14	ppb
Iron	54-2	41474.01	40600.68	41486.89	41187.19	1.23	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:20:54	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	565.97	565.28	569.72	566.99	0.42	ppb
Lead	207-1	561.89	564.34	563.77	563.33	0.23	ppb
Lead	208-1	561.93	565.19	565.18	564.10	0.33	ppb
Lithium	6-1				93		%
Magnesium	24-2	6035.82	5974.32	6039.51	6016.55	0.61	ppb
Manganese	55-2	259.56	255.73	260.18	258.49	0.93	ppb
Molybdenum	94-1	16.91	16.83	17.18	16.97	1.08	ppb
Molybdenum	95-1	11.02	11.13	11.33	11.16	1.41	ppb
Molybdenum	96-1	12.08	12.12	12.49	12.23	1.83	ppb
Molybdenum	97-1	11.23	11.30	11.58	11.37	1.61	ppb
Molybdenum	98-1	11.17	11.31	11.46	11.31	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.16	34.32	34.19	34.22	0.25	ppb
Phosphorus	31-2	750.40	733.35	736.59	740.11	1.22	ppb
Potassium	39-2	2427.17	2403.08	2412.76	2414.34	0.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	2.46	2.57	2.37	2.47	3.93	ppb
Selenium	77-2	3.52	5.57	4.60	4.56	22.39	ppb
Selenium	78-2	2.82	3.79	3.75	3.45	15.82	ppb
Silicon	28-1	1388.65	1413.19	1413.10	1404.98	1.01	ppb
Silver	107-1	10.32	10.46	10.57	10.45	1.21	ppb
Silver	109-1	10.32	10.56	10.55	10.48	1.30	ppb
Sodium	23-2	13323.64	13269.33	13357.32	13316.76	0.33	ppb
Strontium	86-1	1670.40	1679.06	1712.83	1687.43	1.33	ppb
Strontium	88-1	1691.23	1759.70	1745.55	1732.16	2.09	ppb
Sulfur	34-1	14642.04	14733.20	14890.00	14755.08	0.85	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.72	0.70	0.75	0.72	3.08	ppb
Thallium	205-1	0.73	0.71	0.71	0.72	1.51	ppb
Tin	118-1	44.28	45.26	45.11	44.88	1.18	ppb
Titanium	47-1	495.65	504.07	509.26	502.99	1.37	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:20:54	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.34	1.35	1.36	1.35	0.50	ppb
Vanadium	51-2	41.02	41.12	41.32	41.15	0.38	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	1867.33	1826.63	1889.18	1861.05	1.71	ppb
Zirconium	90-1	4.20	4.28	4.37	4.28	1.97	ppb
Zirconium	91-1	4.21	4.39	4.29	4.30	2.12	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:23:57	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1951.26	1984.31	1956.73	1964.10	0.90	ppb
Antimony	121-1	18.90	20.20	20.12	19.74	3.69	ppb
Arsenic	75-2	88.27	91.70	91.32	90.43	2.08	ppb
Barium	135-1	32.79	34.70	34.84	34.11	3.36	ppb
Barium	137-1	32.91	34.72	35.04	34.23	3.36	ppb
Beryllium	9-1	0.09	0.03	0.13	0.08	60.70	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.84	0.86	0.79	14.21	ppb
Cadmium	106-1	-0.39	0.06	-0.45	-0.26		ppb
Cadmium	111-1	0.44	0.51	0.41	0.46	10.96	ppb
Calcium	43-1	1377.02	1464.04	1480.82	1440.63	3.87	ppb
Calcium	44-1	1384.50	1444.96	1483.90	1437.79	3.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.47	7.51	7.48	7.49	0.25	ppb
Cobalt	59-2	8.23	8.05	8.08	8.12	1.21	ppb
Copper	63-2	1306.70	1324.55	1295.68	1308.98	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	8480.22	8499.78	8447.56	8475.85	0.31	ppb
Iron	57-2	8343.01	8387.77	8412.38	8381.05	0.42	ppb
Iron	54-2	8433.13	8557.62	8411.87	8467.54	0.93	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:23:57	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.15	110.33	109.80	108.09	3.17	ppb
Lead	207-1	102.13	108.18	107.35	105.89	3.10	ppb
Lead	208-1	107.49	114.52	112.75	111.59	3.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	1205.17	1211.91	1211.32	1209.47	0.31	ppb
Manganese	55-2	53.29	53.37	53.08	53.24	0.29	ppb
Molybdenum	94-1	3.11	3.32	3.36	3.26	4.13	ppb
Molybdenum	95-1	2.20	2.38	2.34	2.31	4.28	ppb
Molybdenum	96-1	2.29	2.60	2.52	2.47	6.38	ppb
Molybdenum	97-1	2.25	2.41	2.45	2.37	4.42	ppb
Molybdenum	98-1	2.20	2.35	2.30	2.28	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.14	7.18	7.25	7.19	0.77	ppb
Phosphorus	31-2	144.79	138.40	144.54	142.58	2.54	ppb
Potassium	39-2	508.87	507.33	508.03	508.07	0.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.66	0.45	0.29	0.47	39.47	ppb
Selenium	77-2	1.17	1.04	1.50	1.23	19.25	ppb
Selenium	78-2	0.25	0.56	0.54	0.45	39.12	ppb
Silicon	28-1	269.65	273.83	288.80	277.43	3.63	ppb
Silver	107-1	2.00	2.11	2.17	2.09	4.19	ppb
Silver	109-1	2.05	2.16	2.15	2.12	2.99	ppb
Sodium	23-2	2780.01	2849.08	2788.70	2805.93	1.34	ppb
Strontium	86-1	325.02	345.25	344.29	338.19	3.37	ppb
Strontium	88-1	326.01	343.61	345.06	338.23	3.14	ppb
Sulfur	34-1	1426.36	1716.96	1867.77	1670.36	13.43	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.16	0.15	0.15	6.99	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	1.22	ppb
Tin	118-1	8.68	9.33	9.42	9.15	4.42	ppb
Titanium	47-1	96.77	101.95	102.73	100.48	3.22	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:23:57	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.27	0.28	0.27	4.57	ppb
Vanadium	51-2	8.48	8.53	8.33	8.45	1.28	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	362.77	370.64	366.11	366.50	1.08	ppb
Zirconium	90-1	0.74	0.83	0.80	0.79	5.69	ppb
Zirconium	91-1	0.75	0.84	0.83	0.81	5.66	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-03	Instrumnet Name :	P7
Client Sample ID :	MJNKH1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10118.45	10018.41	9818.32	9985.06	1.53	ppb
Antimony	121-1	121.24	125.66	121.09	122.66	2.11	ppb
Arsenic	75-2	444.88	445.34	447.28	445.83	0.29	ppb
Barium	135-1	605.75	602.79	591.10	599.88	1.29	ppb
Barium	137-1	603.57	611.95	605.45	606.99	0.72	ppb
Beryllium	9-1	11.83	11.49	11.35	11.56	2.11	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	13.44	13.36	13.39	13.39	0.29	ppb
Cadmium	106-1	12.25	12.41	11.51	12.05	3.96	ppb
Cadmium	111-1	11.91	11.79	11.72	11.81	0.79	ppb
Calcium	43-1	6952.75	7024.59	7164.01	7047.12	1.52	ppb
Calcium	44-1	6874.72	6810.11	6910.05	6864.96	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.43	78.94	77.49	78.29	0.94	ppb
Cobalt	59-2	147.23	146.21	145.34	146.26	0.65	ppb
Copper	63-2	6354.27	6356.79	6290.98	6334.02	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	41364.75	42017.04	40731.47	41371.09	1.55	ppb
Iron	57-2	40756.65	40315.90	40548.04	40540.20	0.54	ppb
Iron	54-2	41418.50	41660.74	41354.20	41477.82	0.39	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-03	Instrumnet Name :	P7
Client Sample ID :	MJNKH1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	570.77	573.13	570.18	571.36	0.27	ppb
Lead	207-1	574.80	568.77	568.00	570.52	0.65	ppb
Lead	208-1	569.93	567.50	568.75	568.73	0.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	6023.95	5987.11	5979.30	5996.78	0.40	ppb
Manganese	55-2	363.23	370.16	362.00	365.13	1.21	ppb
Molybdenum	94-1	16.60	17.02	17.04	16.89	1.50	ppb
Molybdenum	95-1	11.38	11.45	11.14	11.32	1.46	ppb
Molybdenum	96-1	12.02	12.29	12.19	12.17	1.10	ppb
Molybdenum	97-1	11.05	11.23	11.21	11.16	0.91	ppb
Molybdenum	98-1	11.10	11.46	11.23	11.27	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.59	142.14	141.23	142.32	0.83	ppb
Phosphorus	31-2	726.70	737.57	755.30	739.86	1.95	ppb
Potassium	39-2	2389.59	2408.32	2405.61	2401.18	0.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	23.82	24.49	24.21	24.18	1.39	ppb
Selenium	77-2	25.93	29.45	23.61	26.33	11.15	ppb
Selenium	78-2	24.00	26.10	22.94	24.35	6.60	ppb
Silicon	28-1	1385.41	1406.65	1431.97	1408.01	1.66	ppb
Silver	107-1	20.67	20.90	20.51	20.69	0.95	ppb
Silver	109-1	20.70	20.90	20.71	20.77	0.54	ppb
Sodium	23-2	13102.98	13013.02	13241.49	13119.16	0.88	ppb
Strontium	86-1	1654.28	1701.13	1665.33	1673.58	1.46	ppb
Strontium	88-1	1701.14	1724.49	1718.01	1714.55	0.70	ppb
Sulfur	34-1	14271.86	14501.56	14550.54	14441.32	1.03	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	10.02	10.16	10.10	10.09	0.72	ppb
Thallium	205-1	10.03	10.14	10.04	10.07	0.58	ppb
Tin	118-1	44.22	44.43	44.17	44.27	0.31	ppb
Titanium	47-1	489.67	500.53	503.72	497.97	1.48	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-03	Instrumnet Name :	P7
Client Sample ID :	MJNKH1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.37	1.34	1.36	0.91	ppb
Vanadium	51-2	146.62	146.22	145.16	146.00	0.51	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	1971.79	1967.76	1937.35	1958.97	0.96	ppb
Zirconium	90-1	4.23	4.33	4.25	4.27	1.26	ppb
Zirconium	91-1	4.32	4.36	4.27	4.32	0.94	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-04	Instrumnet Name :	P7
Client Sample ID :	MJNKD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:30:09	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11896.18	11670.51	11621.72	11729.47	1.25	ppb
Antimony	121-1	3.59	3.68	3.64	3.63	1.23	ppb
Arsenic	75-2	31.03	30.38	30.51	30.64	1.13	ppb
Barium	135-1	63.66	66.27	66.87	65.60	2.60	ppb
Barium	137-1	64.20	67.77	67.88	66.62	3.14	ppb
Beryllium	9-1	0.36	0.33	0.37	0.35	5.24	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.56	0.48	0.56	0.53	9.09	ppb
Cadmium	106-1	-0.18	0.17	-0.67	-0.23		ppb
Cadmium	111-1	0.07	0.10	0.05	0.07	37.11	ppb
Calcium	43-1	4542.12	4752.14	4835.28	4709.85	3.21	ppb
Calcium	44-1	4419.80	4588.93	4672.31	4560.35	2.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.64	36.79	36.54	36.66	0.34	ppb
Cobalt	59-2	14.59	14.25	14.62	14.49	1.40	ppb
Copper	63-2	33.25	33.15	33.11	33.17	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				111		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	26649.87	26119.99	26313.62	26361.16	1.02	ppb
Iron	57-2	25935.18	25768.58	25706.51	25803.43	0.46	ppb
Iron	54-2	26593.74	26611.08	26229.12	26477.98	0.81	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-04	Instrumnet Name :	P7
Client Sample ID :	MJNKD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:30:09	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.93	10.14	9.99	10.02	1.07	ppb
Lead	207-1	9.56	9.76	9.69	9.67	1.04	ppb
Lead	208-1	9.66	9.84	9.80	9.77	1.01	ppb
Lithium	6-1				92		%
Magnesium	24-2	8993.56	8902.22	8829.20	8908.33	0.92	ppb
Manganese	55-2	377.62	373.63	369.91	373.72	1.03	ppb
Molybdenum	94-1	10.13	10.66	10.59	10.46	2.78	ppb
Molybdenum	95-1	0.20	0.20	0.20	0.20	1.45	ppb
Molybdenum	96-1	1.50	1.47	1.54	1.51	2.23	ppb
Molybdenum	97-1	0.21	0.23	0.22	0.22	2.85	ppb
Molybdenum	98-1	0.19	0.21	0.19	0.20	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.67	59.71	58.96	59.45	0.71	ppb
Phosphorus	31-2	964.07	954.28	998.85	972.40	2.41	ppb
Potassium	39-2	2524.45	2585.50	2482.40	2530.78	2.05	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.49	0.24	0.17	0.30	57.11	ppb
Selenium	77-2	4.25	2.46	3.55	3.42	26.32	ppb
Selenium	78-2	2.19	1.72	-0.12	1.26	96.97	ppb
Silicon	28-1	927.53	985.01	984.16	965.57	3.41	ppb
Silver	107-1	0.12	0.06	0.05	0.08	46.07	ppb
Silver	109-1	0.10	0.06	0.05	0.07	36.65	ppb
Sodium	23-2	7232.66	7182.01	7137.19	7183.95	0.66	ppb
Strontium	86-1	991.36	1042.41	1028.47	1020.75	2.59	ppb
Strontium	88-1	1017.24	1073.24	1052.07	1047.52	2.70	ppb
Sulfur	34-1	-1264.08	-1152.76	-1160.16	-1192.33		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.09	0.09	0.09	4.72	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	0.97	ppb
Tin	118-1	1.02	1.01	1.07	1.03	3.40	ppb
Titanium	47-1	461.50	481.77	481.42	474.90	2.44	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-04	Instrumnet Name :	P7
Client Sample ID :	MJNKD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:30:09	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.39	0.37	0.38	1.87	ppb
Vanadium	51-2	41.97	41.92	41.78	41.89	0.24	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	85.83	85.81	85.77	85.81	0.04	ppb
Zirconium	90-1	5.53	5.86	5.86	5.75	3.34	ppb
Zirconium	91-1	5.55	5.95	5.79	5.76	3.45	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-05	Instrumnet Name :	P7
Client Sample ID :	MJNKE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:33:20	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11534.52	11550.84	11349.70	11478.35	0.97	ppb
Antimony	121-1	278.11	272.50	281.51	277.38	1.64	ppb
Arsenic	75-2	448.36	457.80	451.12	452.43	1.07	ppb
Barium	135-1	115.40	115.38	117.82	116.20	1.21	ppb
Barium	137-1	115.66	116.87	119.01	117.18	1.45	ppb
Beryllium	9-1	0.40	0.37	0.41	0.40	5.33	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.84	2.41	2.86	2.70	9.40	ppb
Cadmium	106-1	2.25	2.81	2.86	2.64	12.93	ppb
Cadmium	111-1	1.59	1.70	1.72	1.67	4.04	ppb
Calcium	43-1	41680.54	42495.65	41123.34	41766.51	1.65	ppb
Calcium	44-1	41175.17	41936.17	41100.92	41404.09	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.13	35.30	35.21	35.21	0.25	ppb
Cobalt	59-2	63.53	63.39	63.98	63.63	0.48	ppb
Copper	63-2	444.64	449.00	444.48	446.04	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	52745.26	53319.36	52927.46	52997.36	0.55	ppb
Iron	57-2	52346.88	52507.12	52411.48	52421.83	0.15	ppb
Iron	54-2	52830.07	53726.18	53325.38	53293.88	0.84	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-05	Instrumnet Name :	P7
Client Sample ID :	MJNKE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:33:20	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	651.70	649.38	636.93	646.01	1.23	ppb
Lead	207-1	640.56	647.29	644.85	644.23	0.53	ppb
Lead	208-1	642.77	644.91	636.65	641.44	0.67	ppb
Lithium	6-1				92		%
Magnesium	24-2	8274.30	8177.61	8240.47	8230.79	0.60	ppb
Manganese	55-2	983.64	986.26	980.36	983.42	0.30	ppb
Molybdenum	94-1	13.81	14.11	13.97	13.96	1.06	ppb
Molybdenum	95-1	8.32	8.20	8.33	8.28	0.84	ppb
Molybdenum	96-1	9.08	9.22	9.20	9.16	0.82	ppb
Molybdenum	97-1	8.18	8.19	8.39	8.25	1.44	ppb
Molybdenum	98-1	7.98	8.24	8.26	8.16	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.00	46.04	45.87	46.31	1.32	ppb
Phosphorus	31-2	928.06	950.39	973.42	950.63	2.39	ppb
Potassium	39-2	2821.04	2820.89	2875.64	2839.19	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.92	1.52	1.14	1.20	25.43	ppb
Selenium	77-2	2.95	4.52	2.98	3.48	25.83	ppb
Selenium	78-2	2.01	2.98	1.35	2.11	38.66	ppb
Silicon	28-1	1245.04	1252.24	1220.11	1239.13	1.36	ppb
Silver	107-1	1.12	1.18	1.15	1.15	2.56	ppb
Silver	109-1	1.10	1.17	1.18	1.15	3.47	ppb
Sodium	23-2	6477.62	6482.19	6385.81	6448.54	0.84	ppb
Strontium	86-1	8038.93	8196.93	8298.23	8178.03	1.60	ppb
Strontium	88-1	8322.61	8471.46	8485.31	8426.46	1.07	ppb
Sulfur	34-1	990.84	1377.48	1321.29	1229.87	16.99	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.33	0.32	0.29	0.31	6.08	ppb
Thallium	205-1	0.31	0.31	0.31	0.31	1.27	ppb
Tin	118-1	79.68	79.77	83.57	81.01	2.74	ppb
Titanium	47-1	530.70	541.60	531.83	534.71	1.12	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-05	Instrumnet Name :	P7
Client Sample ID :	MJNKE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:33:20	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.54	1.52	1.50	1.52	1.39	ppb
Vanadium	51-2	53.86	53.59	53.37	53.61	0.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	3069.13	3048.09	3043.82	3053.68	0.44	ppb
Zirconium	90-1	4.02	4.07	4.06	4.05	0.56	ppb
Zirconium	91-1	4.04	4.06	4.14	4.08	1.26	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-06	Instrumnet Name :	P7
Client Sample ID :	MJNKE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:36:21	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7302.33	7255.83	7058.06	7205.41	1.80	ppb
Antimony	121-1	7.24	7.18	7.21	7.21	0.35	ppb
Arsenic	75-2	19.74	20.18	19.94	19.95	1.11	ppb
Barium	135-1	39.35	39.53	40.12	39.66	1.02	ppb
Barium	137-1	39.59	40.12	39.78	39.83	0.68	ppb
Beryllium	9-1	0.22	0.22	0.22	0.22	1.42	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.53	0.49	0.52	0.52	4.11	ppb
Cadmium	106-1	0.25	0.23	-0.21	0.09	286.21	ppb
Cadmium	111-1	0.36	0.39	0.37	0.37	4.42	ppb
Calcium	43-1	113282.19	115541.93	115177.33	114667.15	1.06	ppb
Calcium	44-1	112093.23	115190.09	114443.23	113908.85	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.60	24.57	24.31	24.49	0.67	ppb
Cobalt	59-2	12.81	12.92	12.73	12.82	0.74	ppb
Copper	63-2	37.18	37.12	36.72	37.01	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				111		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	19855.90	19829.02	19850.14	19845.02	0.07	ppb
Iron	57-2	19823.25	19818.57	19911.93	19851.25	0.26	ppb
Iron	54-2	19630.65	19896.42	19489.96	19672.34	1.05	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-06	Instrumnet Name :	P7
Client Sample ID :	MJNKE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:36:21	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.54	36.39	36.56	36.50	0.26	ppb
Lead	207-1	35.83	36.08	36.17	36.03	0.49	ppb
Lead	208-1	35.98	35.98	36.16	36.04	0.29	ppb
Lithium	6-1				91		%
Magnesium	24-2	5900.53	5632.82	5635.32	5722.89	2.69	ppb
Manganese	55-2	1937.81	1939.54	1931.46	1936.27	0.22	ppb
Molybdenum	94-1	3.30	3.38	3.40	3.36	1.54	ppb
Molybdenum	95-1	0.54	0.57	0.53	0.55	3.93	ppb
Molybdenum	96-1	0.92	0.97	0.97	0.95	3.23	ppb
Molybdenum	97-1	0.50	0.50	0.54	0.52	4.56	ppb
Molybdenum	98-1	0.50	0.50	0.52	0.50	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.08	36.09	35.65	35.94	0.70	ppb
Phosphorus	31-2	706.91	700.37	717.99	708.42	1.26	ppb
Potassium	39-2	1155.42	1150.41	1135.88	1147.23	0.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.23	0.22	0.41	0.29	37.17	ppb
Selenium	77-2	3.86	3.74	4.16	3.92	5.46	ppb
Selenium	78-2	0.35	2.25	1.08	1.23	78.18	ppb
Silicon	28-1	733.01	741.45	741.78	738.75	0.67	ppb
Silver	107-1	0.11	0.12	0.11	0.11	4.54	ppb
Silver	109-1	0.12	0.11	0.11	0.11	2.28	ppb
Sodium	23-2	2416.05	2348.91	2381.18	2382.05	1.41	ppb
Strontium	86-1	23834.67	24528.16	24801.99	24388.28	2.04	ppb
Strontium	88-1	23746.72	24431.54	24260.62	24146.29	1.48	ppb
Sulfur	34-1	77.94	127.70	153.96	119.87	32.21	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.09	0.09	0.09	3.80	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	1.33	ppb
Tin	118-1	1.89	1.94	1.93	1.92	1.33	ppb
Titanium	47-1	373.85	379.28	381.37	378.17	1.03	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-06	Instrumnet Name :	P7
Client Sample ID :	MJNKE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:36:21	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.44	0.44	0.43	0.43	ppb
Vanadium	51-2	35.42	35.48	35.49	35.47	0.10	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	224.32	224.90	223.10	224.10	0.41	ppb
Zirconium	90-1	1.60	1.63	1.63	1.62	1.10	ppb
Zirconium	91-1	1.56	1.67	1.66	1.63	3.90	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-07	Instrumnet Name :	P7
Client Sample ID :	MJNKE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:39:30	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11989.90	12063.28	11912.70	11988.63	0.63	ppb
Antimony	121-1	1.02	1.06	1.07	1.05	2.45	ppb
Arsenic	75-2	49.31	49.03	49.44	49.26	0.43	ppb
Barium	135-1	68.80	70.52	71.43	70.25	1.90	ppb
Barium	137-1	69.90	71.34	72.06	71.10	1.55	ppb
Beryllium	9-1	0.39	0.37	0.32	0.36	10.49	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	0.88	1.09	0.96	12.34	ppb
Cadmium	106-1	1.20	1.19	0.47	0.96	43.88	ppb
Cadmium	111-1	0.91	0.92	0.88	0.90	2.52	ppb
Calcium	43-1	4953.11	5102.97	5052.29	5036.12	1.51	ppb
Calcium	44-1	4794.93	4959.76	4840.06	4864.92	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.57	43.66	43.85	43.69	0.32	ppb
Cobalt	59-2	16.98	16.55	16.69	16.74	1.31	ppb
Copper	63-2	30.91	30.44	30.53	30.63	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	28448.51	27951.44	27916.57	28105.50	1.06	ppb
Iron	57-2	27846.67	27577.65	27273.21	27565.84	1.04	ppb
Iron	54-2	27863.32	27618.32	28018.21	27833.28	0.72	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-07	Instrumnet Name :	P7
Client Sample ID :	MJNKE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:39:30	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.35	4.58	4.50	4.48	2.60	ppb
Lead	207-1	4.10	4.21	4.22	4.18	1.61	ppb
Lead	208-1	4.16	4.36	4.33	4.28	2.54	ppb
Lithium	6-1				88		%
Magnesium	24-2	8295.30	8291.45	8327.56	8304.77	0.24	ppb
Manganese	55-2	524.52	521.37	523.05	522.98	0.30	ppb
Molybdenum	94-1	17.67	17.99	17.89	17.85	0.90	ppb
Molybdenum	95-1	4.00	4.13	4.14	4.09	1.95	ppb
Molybdenum	96-1	5.53	5.84	5.77	5.71	2.80	ppb
Molybdenum	97-1	3.87	4.04	4.00	3.97	2.26	ppb
Molybdenum	98-1	3.91	4.14	4.04	4.03	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.63	88.38	88.10	88.04	0.43	ppb
Phosphorus	31-2	699.99	756.17	738.72	731.63	3.93	ppb
Potassium	39-2	1516.66	1507.51	1515.01	1513.06	0.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	1.01	0.91	0.86	0.93	8.04	ppb
Selenium	77-2	2.92	4.96	6.40	4.76	36.71	ppb
Selenium	78-2	1.80	2.46	1.78	2.02	19.04	ppb
Silicon	28-1	776.49	806.09	796.48	793.02	1.90	ppb
Silver	107-1	0.08	0.07	0.07	0.07	3.77	ppb
Silver	109-1	0.06	0.06	0.07	0.06	2.67	ppb
Sodium	23-2	1056.88	1052.15	1059.77	1056.27	0.36	ppb
Strontium	86-1	1201.73	1215.88	1238.58	1218.73	1.53	ppb
Strontium	88-1	1216.90	1267.90	1264.95	1249.92	2.29	ppb
Sulfur	34-1	9048.06	9387.06	9398.16	9277.76	2.14	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.11	0.11	4.66	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	4.34	ppb
Tin	118-1	0.54	0.53	0.57	0.55	3.38	ppb
Titanium	47-1	538.11	555.18	554.07	549.12	1.74	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-07	Instrumnet Name :	P7
Client Sample ID :	MJNKE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:39:30	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.47	4.65	4.64	4.59	2.26	ppb
Vanadium	51-2	86.00	85.75	86.22	85.99	0.28	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	60.67	60.47	62.82	61.32	2.12	ppb
Zirconium	90-1	7.93	8.24	8.21	8.13	2.09	ppb
Zirconium	91-1	8.04	8.33	8.36	8.24	2.15	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-08	Instrumnet Name :	P7
Client Sample ID :	MJNKF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:42:38	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12232.25	12294.51	12492.23	12339.66	1.10	ppb
Antimony	121-1	345.17	385.44	392.34	374.32	6.81	ppb
Arsenic	75-2	554.75	553.33	557.27	555.12	0.36	ppb
Barium	135-1	152.56	169.74	171.62	164.64	6.38	ppb
Barium	137-1	154.71	172.98	173.69	167.13	6.44	ppb
Beryllium	9-1	0.36	0.48	0.46	0.43	14.69	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.47	3.96	4.69	4.04	15.22	ppb
Cadmium	106-1	4.31	4.38	4.54	4.41	2.73	ppb
Cadmium	111-1	2.12	2.45	2.36	2.31	7.32	ppb
Calcium	43-1	51817.27	57851.00	56122.91	55263.72	5.62	ppb
Calcium	44-1	50577.52	56929.02	57247.86	54918.13	6.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.56	34.85	34.77	34.73	0.43	ppb
Cobalt	59-2	88.16	88.20	88.49	88.28	0.20	ppb
Copper	63-2	651.50	654.39	646.92	650.94	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				114		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	64611.56	65721.64	65932.09	65421.76	1.08	ppb
Iron	57-2	63915.71	64123.01	64316.26	64118.33	0.31	ppb
Iron	54-2	64458.87	65196.39	65905.64	65186.97	1.11	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-08	Instrumnet Name :	P7
Client Sample ID :	MJNKF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:42:38	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	871.82	986.59	965.84	941.42	6.50	ppb
Lead	207-1	867.43	976.99	956.13	933.52	6.23	ppb
Lead	208-1	872.21	981.83	968.75	940.93	6.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	8823.57	8979.21	8870.35	8891.04	0.90	ppb
Manganese	55-2	669.56	685.34	696.93	683.94	2.01	ppb
Molybdenum	94-1	13.31	15.05	15.01	14.46	6.85	ppb
Molybdenum	95-1	6.43	7.39	7.36	7.06	7.70	ppb
Molybdenum	96-1	7.69	8.61	8.64	8.31	6.48	ppb
Molybdenum	97-1	6.41	7.35	7.42	7.06	7.99	ppb
Molybdenum	98-1	6.39	7.36	7.40	7.05	8.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.03	42.97	43.46	43.15	0.62	ppb
Phosphorus	31-2	828.60	863.28	843.42	845.10	2.06	ppb
Potassium	39-2	2925.60	2923.85	2986.56	2945.34	1.21	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	1.62	1.08	1.37	1.36	19.97	ppb
Selenium	77-2	3.68	5.46	4.72	4.62	19.34	ppb
Selenium	78-2	1.07	1.10	2.52	1.56	53.04	ppb
Silicon	28-1	862.47	961.37	964.41	929.42	6.24	ppb
Silver	107-1	1.50	1.67	1.70	1.62	6.92	ppb
Silver	109-1	1.49	1.68	1.69	1.62	6.76	ppb
Sodium	23-2	8019.16	7975.11	8063.04	8019.10	0.55	ppb
Strontium	86-1	9827.26	10873.91	11010.11	10570.43	6.12	ppb
Strontium	88-1	9651.43	10839.61	11109.19	10533.41	7.36	ppb
Sulfur	34-1	1050.58	1702.77	1759.08	1504.15	26.18	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.32	0.30	0.31	4.52	ppb
Thallium	205-1	0.28	0.31	0.33	0.31	8.76	ppb
Tin	118-1	74.06	83.13	84.49	80.56	7.04	ppb
Titanium	47-1	503.44	562.99	566.70	544.37	6.52	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-08	Instrumnet Name :	P7
Client Sample ID :	MJNKF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:42:38	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.33	1.31	1.27	6.28	ppb
Vanadium	51-2	50.39	50.80	50.86	50.69	0.50	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	4904.97	4921.46	4980.55	4935.66	0.81	ppb
Zirconium	90-1	4.39	4.98	4.98	4.78	7.16	ppb
Zirconium	91-1	4.45	5.08	5.08	4.87	7.40	ppb

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-09	Instrumnet Name :	P7
Client Sample ID :	MJNKF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:45:44	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8696.20	8775.18	8735.32	8735.57	0.45	ppb
Antimony	121-1	23.06	23.16	23.42	23.22	0.80	ppb
Arsenic	75-2	41.33	40.46	40.72	40.83	1.09	ppb
Barium	135-1	49.35	49.43	49.82	49.53	0.52	ppb
Barium	137-1	48.71	49.67	50.06	49.48	1.41	ppb
Beryllium	9-1	0.27	0.29	0.26	0.27	5.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.71	0.60	0.65	8.58	ppb
Cadmium	106-1	0.53	0.71	0.42	0.55	26.76	ppb
Cadmium	111-1	0.37	0.33	0.33	0.34	6.05	ppb
Calcium	43-1	93988.56	94655.67	95335.96	94660.07	0.71	ppb
Calcium	44-1	93314.71	95984.64	96420.91	95240.09	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.87	25.71	25.71	25.76	0.36	ppb
Cobalt	59-2	13.34	13.34	13.33	13.34	0.05	ppb
Copper	63-2	40.70	40.73	41.31	40.91	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	23501.31	23619.79	23378.83	23499.97	0.51	ppb
Iron	57-2	23479.93	23750.99	23661.03	23630.65	0.58	ppb
Iron	54-2	23615.51	23253.32	23283.56	23384.13	0.86	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-09	Instrumnet Name :	P7
Client Sample ID :	MJNKF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:45:44	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.78	37.40	37.16	37.45	0.84	ppb
Lead	207-1	37.18	36.52	36.67	36.79	0.94	ppb
Lead	208-1	37.12	36.80	36.91	36.94	0.43	ppb
Lithium	6-1				92		%
Magnesium	24-2	6601.73	6670.30	6645.76	6639.26	0.52	ppb
Manganese	55-2	457.03	452.05	464.98	458.02	1.42	ppb
Molybdenum	94-1	6.67	6.80	6.87	6.78	1.54	ppb
Molybdenum	95-1	2.09	2.10	2.08	2.09	0.61	ppb
Molybdenum	96-1	2.64	2.67	2.72	2.68	1.39	ppb
Molybdenum	97-1	2.03	2.04	2.02	2.03	0.47	ppb
Molybdenum	98-1	1.98	1.98	2.04	2.00	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.63	37.68	37.79	37.70	0.22	ppb
Phosphorus	31-2	689.81	669.13	691.73	683.56	1.83	ppb
Potassium	39-2	1631.98	1631.95	1619.20	1627.71	0.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.29	0.76	0.61	0.55	43.43	ppb
Selenium	77-2	3.85	3.52	2.05	3.14	30.53	ppb
Selenium	78-2	0.88	0.86	0.37	0.70	40.62	ppb
Silicon	28-1	885.81	884.79	893.50	888.03	0.54	ppb
Silver	107-1	0.12	0.11	0.11	0.11	5.73	ppb
Silver	109-1	0.11	0.10	0.10	0.10	4.39	ppb
Sodium	23-2	2672.39	2626.60	2638.87	2645.96	0.90	ppb
Strontium	86-1	19610.21	19246.18	19436.14	19430.84	0.94	ppb
Strontium	88-1	19248.01	19201.52	19198.94	19216.16	0.14	ppb
Sulfur	34-1	3571.32	3580.38	3724.53	3625.41	2.37	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.09	0.09	0.09	1.18	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.94	ppb
Tin	118-1	4.27	4.30	4.30	4.29	0.48	ppb
Titanium	47-1	411.15	411.97	416.44	413.19	0.69	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-09	Instrumnet Name :	P7
Client Sample ID :	MJNKF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:45:44	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.56	0.56	0.56	1.15	ppb
Vanadium	51-2	37.59	37.76	37.13	37.49	0.88	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	211.32	211.22	210.78	211.11	0.14	ppb
Zirconium	90-1	2.76	2.79	2.82	2.79	1.12	ppb
Zirconium	91-1	2.81	2.84	2.93	2.86	2.23	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-10	Instrumnet Name :	P7
Client Sample ID :	MJNKG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:48:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6821.32	6763.99	6684.86	6756.73	1.01	ppb
Antimony	121-1	4.48	4.92	4.78	4.73	4.74	ppb
Arsenic	75-2	11.68	12.12	11.94	11.91	1.84	ppb
Barium	135-1	11.88	12.85	13.05	12.59	4.99	ppb
Barium	137-1	12.20	13.19	13.20	12.86	4.48	ppb
Beryllium	9-1	0.22	0.20	0.19	0.20	8.78	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.59	0.84	0.69	18.61	ppb
Cadmium	106-1	0.81	1.05	0.52	0.79	33.54	ppb
Cadmium	111-1	0.67	0.72	0.71	0.70	3.33	ppb
Calcium	43-1	6637.78	7080.06	6957.75	6891.87	3.31	ppb
Calcium	44-1	6326.50	6901.89	6760.53	6662.98	4.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.21	23.57	23.48	23.75	1.69	ppb
Cobalt	59-2	8.59	8.59	8.46	8.54	0.88	ppb
Copper	63-2	16.23	15.89	15.98	16.03	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	17235.66	17347.51	16959.87	17181.02	1.16	ppb
Iron	57-2	16890.51	17041.63	16705.89	16879.34	1.00	ppb
Iron	54-2	17297.13	17139.47	17057.67	17164.76	0.71	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-10	Instrumnet Name :	P7
Client Sample ID :	MJNKG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:48:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.17	8.71	8.70	8.53	3.60	ppb
Lead	207-1	7.85	8.39	8.36	8.20	3.66	ppb
Lead	208-1	7.97	8.49	8.46	8.31	3.49	ppb
Lithium	6-1				92		%
Magnesium	24-2	5598.80	5592.47	5638.87	5610.05	0.45	ppb
Manganese	55-2	193.85	194.50	191.92	193.42	0.70	ppb
Molybdenum	94-1	8.01	8.49	8.44	8.31	3.14	ppb
Molybdenum	95-1	0.67	0.73	0.72	0.71	4.78	ppb
Molybdenum	96-1	1.57	1.65	1.59	1.60	2.84	ppb
Molybdenum	97-1	0.64	0.69	0.71	0.68	5.94	ppb
Molybdenum	98-1	0.65	0.68	0.64	0.66	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.22	33.31	33.24	33.25	0.14	ppb
Phosphorus	31-2	668.21	654.00	694.24	672.15	3.04	ppb
Potassium	39-2	1640.43	1660.52	1648.93	1649.96	0.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.55	0.52	0.70	0.59	16.90	ppb
Selenium	77-2	4.99	2.64	2.92	3.52	36.52	ppb
Selenium	78-2	0.70	0.39	1.58	0.89	69.35	ppb
Silicon	28-1	588.36	641.56	634.00	621.31	4.63	ppb
Silver	107-1	0.06	0.06	0.07	0.06	10.12	ppb
Silver	109-1	0.06	0.06	0.07	0.06	7.73	ppb
Sodium	23-2	5016.18	5043.53	4958.78	5006.16	0.86	ppb
Strontium	86-1	1176.36	1247.18	1225.60	1216.38	2.98	ppb
Strontium	88-1	1210.96	1265.86	1265.86	1247.56	2.54	ppb
Sulfur	34-1	1052.43	1388.24	1315.33	1252.00	14.11	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.13	0.13	0.13	0.46	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	1.30	ppb
Tin	118-1	0.87	0.95	0.96	0.93	5.64	ppb
Titanium	47-1	390.00	418.08	416.85	408.31	3.89	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-10	Instrumnet Name :	P7
Client Sample ID :	MJNKG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:48:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.25	2.40	2.40	2.35	3.82	ppb
Vanadium	51-2	41.35	41.37	40.98	41.23	0.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	62.79	63.86	64.07	63.57	1.09	ppb
Zirconium	90-1	4.19	4.46	4.48	4.38	3.70	ppb
Zirconium	91-1	4.24	4.45	4.51	4.40	3.30	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:52:02	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7614.83	7574.06	7750.21	7646.37	1.21	ppb
Antimony	121-1	0.30	0.31	0.30	0.30	1.71	ppb
Arsenic	75-2	12.25	12.30	12.97	12.51	3.21	ppb
Barium	135-1	13.88	13.98	14.01	13.96	0.52	ppb
Barium	137-1	13.98	13.93	14.21	14.04	1.06	ppb
Beryllium	9-1	0.18	0.17	0.22	0.19	13.70	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.70	0.76	0.74	0.73	4.18	ppb
Cadmium	106-1	0.10	0.96	0.18	0.41	116.12	ppb
Cadmium	111-1	0.59	0.65	0.61	0.62	4.99	ppb
Calcium	43-1	3790.91	3861.63	3937.23	3863.26	1.89	ppb
Calcium	44-1	3611.38	3682.35	3765.88	3686.54	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.05	27.90	27.52	27.82	0.98	ppb
Cobalt	59-2	9.24	9.16	9.41	9.27	1.41	ppb
Copper	63-2	14.53	14.48	14.64	14.55	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				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	18792.26	18972.69	18800.00	18854.98	0.54	ppb
Iron	57-2	18674.87	18513.42	18335.28	18507.86	0.92	ppb
Iron	54-2	18810.61	18812.87	18610.59	18744.69	0.62	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:52:02	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.11	3.18	3.13	3.14	1.08	ppb
Lead	207-1	2.87	2.93	2.93	2.91	1.07	ppb
Lead	208-1	2.98	3.02	3.02	3.01	0.78	ppb
Lithium	6-1				88		%
Magnesium	24-2	6075.66	6156.31	6054.53	6095.50	0.88	ppb
Manganese	55-2	218.42	218.88	216.97	218.09	0.46	ppb
Molybdenum	94-1	8.64	8.62	8.73	8.66	0.69	ppb
Molybdenum	95-1	1.15	1.07	1.13	1.12	3.47	ppb
Molybdenum	96-1	2.04	2.02	2.04	2.04	0.61	ppb
Molybdenum	97-1	1.04	1.10	1.07	1.07	2.99	ppb
Molybdenum	98-1	1.08	1.09	1.09	1.09	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.34	43.05	42.76	42.72	0.83	ppb
Phosphorus	31-2	728.99	736.18	721.47	728.88	1.01	ppb
Potassium	39-2	1510.32	1519.94	1517.81	1516.02	0.33	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.49	0.68	0.41	0.53	26.87	ppb
Selenium	77-2	3.09	1.73	3.93	2.92	38.00	ppb
Selenium	78-2	1.00	0.76	0.39	0.72	42.48	ppb
Silicon	28-1	699.76	720.03	722.78	714.19	1.76	ppb
Silver	107-1	0.04	0.05	0.05	0.05	4.88	ppb
Silver	109-1	0.04	0.04	0.05	0.04	5.56	ppb
Sodium	23-2	4569.18	4626.23	4571.64	4589.02	0.70	ppb
Strontium	86-1	621.84	620.00	626.16	622.67	0.51	ppb
Strontium	88-1	613.47	613.89	622.28	616.54	0.81	ppb
Sulfur	34-1	2110.35	2253.54	2232.49	2198.80	3.52	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.15	0.16	0.15	0.15	4.85	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	1.11	ppb
Tin	118-1	0.43	0.43	0.44	0.43	0.72	ppb
Titanium	47-1	465.26	477.36	477.50	473.37	1.48	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:52:02	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.25	2.29	2.28	2.27	0.96	ppb
Vanadium	51-2	39.46	39.99	39.32	39.59	0.89	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	40.21	40.19	41.11	40.50	1.29	ppb
Zirconium	90-1	4.34	4.33	4.37	4.35	0.53	ppb
Zirconium	91-1	4.33	4.41	4.40	4.38	0.98	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-12	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:55:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14128.55	14389.64	14233.45	14250.55	0.92	ppb
Antimony	121-1	709.18	733.62	732.60	725.13	1.91	ppb
Arsenic	75-2	1482.27	1485.27	1493.06	1486.87	0.37	ppb
Barium	135-1	211.40	219.86	218.16	216.47	2.07	ppb
Barium	137-1	213.35	222.46	221.56	219.12	2.29	ppb
Beryllium	9-1	0.59	0.70	0.70	0.67	9.28	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.98	5.38	5.39	5.25	4.53	ppb
Cadmium	106-1	4.79	4.64	5.01	4.81	3.83	ppb
Cadmium	111-1	2.31	2.33	2.43	2.36	2.63	ppb
Calcium	43-1	16265.57	16990.93	16976.92	16744.47	2.48	ppb
Calcium	44-1	15824.14	16432.38	16349.91	16202.14	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.73	40.38	40.49	40.20	1.03	ppb
Cobalt	59-2	156.18	158.10	157.24	157.17	0.61	ppb
Copper	63-2	956.58	980.44	974.83	970.62	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				116		%
Indium	115-2				110		%
Iron	56-2	97805.37	98679.75	97104.26	97863.13	0.81	ppb
Iron	57-2	94273.32	95646.98	95321.70	95080.67	0.75	ppb
Iron	54-2	97734.54	98574.64	97632.20	97980.46	0.53	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-12	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:55:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1414.22	1465.84	1478.16	1452.74	2.33	ppb
Lead	207-1	1413.70	1468.57	1449.78	1444.02	1.93	ppb
Lead	208-1	1408.79	1471.07	1448.58	1442.81	2.19	ppb
Lithium	6-1				88		%
Magnesium	24-2	8586.94	8715.43	8581.05	8627.81	0.88	ppb
Manganese	55-2	655.35	677.23	659.49	664.02	1.75	ppb
Molybdenum	94-1	31.20	31.82	32.10	31.71	1.45	ppb
Molybdenum	95-1	19.70	19.97	20.30	19.99	1.50	ppb
Molybdenum	96-1	21.62	21.64	22.36	21.87	1.93	ppb
Molybdenum	97-1	19.73	19.96	20.16	19.95	1.08	ppb
Molybdenum	98-1	19.74	19.94	20.31	20.00	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.77	44.88	43.73	44.13	1.48	ppb
Phosphorus	31-2	1419.81	1421.03	1437.55	1426.13	0.69	ppb
Potassium	39-2	3991.23	3968.21	3960.45	3973.30	0.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	2.07	2.32	2.15	2.18	6.05	ppb
Selenium	77-2	4.74	7.61	7.09	6.48	23.59	ppb
Selenium	78-2	1.27	1.98	3.83	2.36	55.89	ppb
Silicon	28-1	1252.12	1325.00	1285.88	1287.67	2.83	ppb
Silver	107-1	2.53	2.64	2.69	2.62	3.15	ppb
Silver	109-1	2.51	2.60	2.63	2.58	2.41	ppb
Sodium	23-2	11066.73	11148.02	11085.09	11099.95	0.38	ppb
Strontium	86-1	2970.82	3021.46	3062.12	3018.13	1.52	ppb
Strontium	88-1	3058.33	3039.09	3171.35	3089.59	2.31	ppb
Sulfur	34-1	1199.96	1408.81	1393.58	1334.12	8.73	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.49	0.53	0.52	0.51	3.47	ppb
Thallium	205-1	0.49	0.51	0.52	0.51	3.51	ppb
Tin	118-1	197.24	206.71	203.64	202.53	2.39	ppb
Titanium	47-1	610.17	632.02	636.21	626.14	2.23	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-12	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:55:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.82	1.90	1.90	1.87	2.49	ppb
Vanadium	51-2	55.97	57.09	56.85	56.64	1.04	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	6593.41	6733.68	6584.38	6637.16	1.26	ppb
Zirconium	90-1	8.35	8.53	8.69	8.52	1.96	ppb
Zirconium	91-1	8.81	8.88	9.08	8.92	1.56	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-13	Instrumnet Name :	P7
Client Sample ID :	MJNLH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:58:15	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10811.41	10904.27	10862.69	10859.46	0.43	ppb
Antimony	121-1	282.72	280.21	282.93	281.95	0.54	ppb
Arsenic	75-2	399.86	396.61	395.75	397.40	0.55	ppb
Barium	135-1	100.15	100.37	101.09	100.54	0.49	ppb
Barium	137-1	101.57	101.62	101.81	101.66	0.12	ppb
Beryllium	9-1	0.45	0.38	0.36	0.40	11.89	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.68	3.23	2.41	2.78	15.03	ppb
Cadmium	106-1	2.99	3.08	2.85	2.97	3.98	ppb
Cadmium	111-1	1.68	1.71	1.68	1.69	0.95	ppb
Calcium	43-1	42423.04	42580.93	43940.84	42981.61	1.94	ppb
Calcium	44-1	42157.32	43008.51	43211.22	42792.35	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.93	34.23	34.19	34.11	0.48	ppb
Cobalt	59-2	55.87	55.67	55.77	55.77	0.18	ppb
Copper	63-2	380.20	384.47	390.45	385.04	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	48940.49	49562.52	49963.05	49488.69	1.04	ppb
Iron	57-2	48317.11	48963.40	48753.15	48677.89	0.68	ppb
Iron	54-2	49202.24	49656.02	49167.98	49342.08	0.55	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-13	Instrumnet Name :	P7
Client Sample ID :	MJNLH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:58:15	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	631.00	639.89	631.33	634.07	0.79	ppb
Lead	207-1	630.58	636.54	623.97	630.36	1.00	ppb
Lead	208-1	633.42	635.98	626.75	632.05	0.75	ppb
Lithium	6-1				89		%
Magnesium	24-2	7751.62	7913.72	7910.81	7858.72	1.18	ppb
Manganese	55-2	839.35	849.21	831.29	839.95	1.07	ppb
Molybdenum	94-1	13.18	13.44	13.35	13.32	0.99	ppb
Molybdenum	95-1	6.79	7.01	6.89	6.90	1.60	ppb
Molybdenum	96-1	7.72	8.01	8.04	7.92	2.22	ppb
Molybdenum	97-1	6.80	7.01	7.16	6.99	2.61	ppb
Molybdenum	98-1	6.79	6.99	6.97	6.92	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.42	42.04	41.68	41.71	0.75	ppb
Phosphorus	31-2	845.88	836.57	824.34	835.60	1.29	ppb
Potassium	39-2	2411.30	2393.91	2427.39	2410.87	0.69	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	1.01	1.48	0.93	1.14	25.78	ppb
Selenium	77-2	3.68	3.66	4.71	4.02	14.95	ppb
Selenium	78-2	1.70	1.44	2.40	1.85	27.03	ppb
Silicon	28-1	1153.24	1170.73	1190.53	1171.50	1.59	ppb
Silver	107-1	1.03	1.04	1.04	1.04	0.71	ppb
Silver	109-1	1.05	1.03	1.01	1.03	1.52	ppb
Sodium	23-2	5241.61	5260.44	5337.62	5279.89	0.96	ppb
Strontium	86-1	8111.39	8198.12	8325.49	8211.67	1.31	ppb
Strontium	88-1	8346.68	8619.59	8555.96	8507.41	1.68	ppb
Sulfur	34-1	934.67	1091.16	1237.14	1087.66	13.91	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.26	0.28	0.27	3.82	ppb
Thallium	205-1	0.28	0.27	0.28	0.28	0.69	ppb
Tin	118-1	53.38	53.66	54.34	53.80	0.92	ppb
Titanium	47-1	500.35	510.16	520.95	510.48	2.02	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-13	Instrumnet Name :	P7
Client Sample ID :	MJNLH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:58:15	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.31	1.27	1.29	1.62	ppb
Vanadium	51-2	50.27	50.36	50.32	50.32	0.09	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	3243.05	3292.51	3267.86	3267.81	0.76	ppb
Zirconium	90-1	4.12	4.30	4.35	4.26	2.83	ppb
Zirconium	91-1	4.23	4.44	4.40	4.35	2.60	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:01:16	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48627.21	48438.65	48656.22	48574.03	0.24	ppb
Antimony	121-1	485.24	489.72	493.39	489.45	0.83	ppb
Arsenic	75-2	489.27	499.05	490.68	493.00	1.07	ppb
Barium	135-1	2490.07	2463.64	2504.38	2486.03	0.83	ppb
Barium	137-1	2453.62	2484.38	2522.08	2486.69	1.38	ppb
Beryllium	9-1	519.87	516.14	532.60	522.87	1.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	479.12	477.92	485.71	480.91	0.87	ppb
Cadmium	106-1	475.87	479.46	485.75	480.36	1.04	ppb
Cadmium	111-1	463.24	464.50	469.40	465.71	0.70	ppb
Calcium	43-1	255643.03	255027.53	256943.63	255871.39	0.38	ppb
Calcium	44-1	252712.48	251753.20	253822.75	252762.81	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.32	514.77	504.85	510.64	1.01	ppb
Cobalt	59-2	507.37	504.86	501.61	504.62	0.57	ppb
Copper	63-2	4892.72	4917.62	4899.99	4903.44	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	131141.35	129814.53	129619.34	130191.74	0.64	ppb
Iron	57-2	129516.81	128531.46	126573.62	128207.29	1.17	ppb
Iron	54-2	129945.02	130425.37	128823.43	129731.27	0.63	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:01:16	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2538.22	2573.12	2552.81	2554.72	0.69	ppb
Lead	207-1	2553.97	2569.06	2612.96	2578.66	1.19	ppb
Lead	208-1	2552.03	2572.51	2590.42	2571.65	0.75	ppb
Lithium	6-1				88		%
Magnesium	24-2	237796.04	232935.98	236734.53	235822.18	1.08	ppb
Manganese	55-2	5027.96	5015.18	4935.29	4992.81	1.01	ppb
Molybdenum	94-1	4939.06	4917.35	5082.69	4979.70	1.80	ppb
Molybdenum	95-1	4996.00	4989.21	5102.26	5029.16	1.26	ppb
Molybdenum	96-1	4989.89	4959.59	5042.06	4997.18	0.83	ppb
Molybdenum	97-1	4943.65	4917.30	5077.27	4979.41	1.72	ppb
Molybdenum	98-1	4931.83	4949.97	5023.84	4968.55	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.20	467.86	474.28	472.78	0.92	ppb
Phosphorus	31-2	9612.74	9574.15	9668.35	9618.41	0.49	ppb
Potassium	39-2	123702.33	122703.55	121834.03	122746.64	0.76	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	468.42	462.81	473.72	468.32	1.16	ppb
Selenium	77-2	445.35	481.33	465.94	464.21	3.89	ppb
Selenium	78-2	467.20	480.45	479.41	475.69	1.55	ppb
Silicon	28-1	198.33	193.52	200.66	197.51	1.84	ppb
Silver	107-1	478.16	475.14	481.19	478.17	0.63	ppb
Silver	109-1	481.87	475.56	482.55	479.99	0.80	ppb
Sodium	23-2	241773.21	242293.94	241623.11	241896.75	0.15	ppb
Strontium	86-1	12416.33	12449.17	12761.40	12542.30	1.52	ppb
Strontium	88-1	12307.84	12372.76	12689.95	12456.85	1.64	ppb
Sulfur	34-1	9537.28	9425.34	9479.92	9480.84	0.59	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	508.00	518.94	519.95	515.63	1.29	ppb
Thallium	205-1	507.77	517.23	516.20	513.73	1.01	ppb
Tin	118-1	484.80	488.18	490.64	487.87	0.60	ppb
Titanium	47-1	4992.75	4959.88	5002.56	4985.07	0.45	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:01:16	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	508.59	512.61	503.43	508.21	0.91	ppb
Vanadium	51-2	514.34	512.81	508.80	511.99	0.56	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	4799.41	4804.89	4793.63	4799.31	0.12	ppb
Zirconium	90-1	490.80	501.53	505.60	499.31	1.53	ppb
Zirconium	91-1	494.26	506.52	512.36	504.38	1.83	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:04:01	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.77	4.21	3.44	4.14	16.02	ppb
Antimony	121-1	0.26	0.25	0.19	0.23	14.89	ppb
Arsenic	75-2	0.08	0.07	0.01	0.05	64.02	ppb
Barium	135-1	0.47	0.41	0.34	0.40	16.23	ppb
Barium	137-1	0.50	0.41	0.32	0.41	21.89	ppb
Beryllium	9-1	0.15	0.12	0.09	0.12	24.94	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.12	0.14	0.15	19.29	ppb
Cadmium	106-1	-0.55	-0.21	-0.97	-0.58		ppb
Cadmium	111-1	0.06	0.09	0.00	0.05	85.07	ppb
Calcium	43-1	47.77	43.39	29.42	40.19	23.84	ppb
Calcium	44-1	48.08	41.54	30.61	40.07	22.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.03	0.06	35.88	ppb
Cobalt	59-2	0.04	0.04	0.02	0.03	44.84	ppb
Copper	63-2	0.61	0.57	0.48	0.55	11.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	12.81	11.06	9.33	11.07	15.74	ppb
Iron	57-2	10.38	8.82	7.00	8.73	19.34	ppb
Iron	54-2	11.94	10.76	8.97	10.56	14.18	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:04:01	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.58	0.52	0.41	0.51	17.61	ppb
Lead	207-1	0.58	0.53	0.42	0.51	15.54	ppb
Lead	208-1	0.58	0.52	0.42	0.51	15.38	ppb
Lithium	6-1				99		%
Magnesium	24-2	21.95	19.04	15.41	18.80	17.42	ppb
Manganese	55-2	0.52	0.44	0.39	0.45	14.95	ppb
Molybdenum	94-1	1.04	0.89	0.75	0.89	16.42	ppb
Molybdenum	95-1	1.02	0.91	0.71	0.88	17.79	ppb
Molybdenum	96-1	1.02	0.87	0.74	0.88	16.35	ppb
Molybdenum	97-1	1.01	0.95	0.74	0.90	15.69	ppb
Molybdenum	98-1	1.06	0.86	0.71	0.88	19.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.05	0.03	0.05	55.81	ppb
Phosphorus	31-2	-17.89	-19.39	-18.15	-18.48		ppb
Potassium	39-2	7.01	5.16	4.42	5.53	24.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	0.39	-0.15	0.36	0.20	152.95	ppb
Selenium	77-2	0.11	0.11	-0.05	0.06	166.30	ppb
Selenium	78-2	-0.22	0.44	-0.15	0.02	1589.68	ppb
Silicon	28-1	-8.94	-9.16	-9.72	-9.27		ppb
Silver	107-1	0.14	0.13	0.10	0.12	15.40	ppb
Silver	109-1	0.14	0.13	0.10	0.12	18.03	ppb
Sodium	23-2	62.65	58.07	52.43	57.72	8.87	ppb
Strontium	86-1	1.97	2.17	1.32	1.82	24.36	ppb
Strontium	88-1	2.53	2.18	1.67	2.12	20.43	ppb
Sulfur	34-1	-558.15	-583.96	-616.47	-586.19		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.12	0.11	0.13	17.41	ppb
Thallium	205-1	0.15	0.13	0.12	0.13	12.56	ppb
Tin	118-1	0.05	0.07	0.04	0.05	26.90	ppb
Titanium	47-1	1.03	1.00	0.69	0.91	21.09	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:04:01	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.07	0.06	0.07	15.73	ppb
Vanadium	51-2	0.05	0.04	0.03	0.04	18.48	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	0.65	0.57	0.40	0.54	24.38	ppb
Zirconium	90-1	0.12	0.10	0.08	0.10	18.47	ppb
Zirconium	91-1	0.12	0.10	0.08	0.10	17.47	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-14	Instrumnet Name :	P7
Client Sample ID :	MJNLH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:07:18	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12648.09	12626.22	12455.78	12576.70	0.84	ppb
Antimony	121-1	388.06	399.11	393.55	393.57	1.40	ppb
Arsenic	75-2	620.98	615.17	612.64	616.26	0.69	ppb
Barium	135-1	141.43	145.01	144.17	143.54	1.30	ppb
Barium	137-1	143.61	146.63	147.23	145.82	1.33	ppb
Beryllium	9-1	0.46	0.49	0.51	0.49	5.86	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.41	3.56	3.75	3.57	4.79	ppb
Cadmium	106-1	3.56	2.86	3.05	3.16	11.46	ppb
Cadmium	111-1	1.96	2.06	1.99	2.00	2.49	ppb
Calcium	43-1	55769.10	57010.71	58057.01	56945.61	2.01	ppb
Calcium	44-1	56948.85	56812.50	56887.61	56882.99	0.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.16	37.92	37.99	38.02	0.31	ppb
Cobalt	59-2	91.97	91.74	91.56	91.75	0.22	ppb
Copper	63-2	626.87	632.75	634.32	631.32	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	67383.68	66270.95	66291.43	66648.68	0.96	ppb
Iron	57-2	65842.91	66083.08	65296.08	65740.69	0.61	ppb
Iron	54-2	66259.15	65970.14	65719.88	65983.06	0.41	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-14	Instrumnet Name :	P7
Client Sample ID :	MJNLH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:07:18	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	925.21	944.01	924.76	931.33	1.18	ppb
Lead	207-1	925.72	940.60	929.44	931.92	0.83	ppb
Lead	208-1	927.06	938.17	926.58	930.60	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	8846.43	9004.13	8934.57	8928.38	0.89	ppb
Manganese	55-2	655.54	653.81	640.83	650.06	1.24	ppb
Molybdenum	94-1	15.34	15.74	15.80	15.63	1.60	ppb
Molybdenum	95-1	8.44	8.80	8.89	8.71	2.72	ppb
Molybdenum	96-1	9.56	10.00	10.06	9.87	2.77	ppb
Molybdenum	97-1	8.35	8.93	8.81	8.70	3.52	ppb
Molybdenum	98-1	8.49	8.69	8.78	8.65	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.39	44.33	45.04	44.92	1.20	ppb
Phosphorus	31-2	833.23	880.70	865.75	859.89	2.82	ppb
Potassium	39-2	2839.94	2922.38	2847.38	2869.90	1.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	1.51	1.33	1.51	1.45	7.08	ppb
Selenium	77-2	4.98	4.21	4.63	4.60	8.34	ppb
Selenium	78-2	1.26	1.72	1.84	1.60	18.88	ppb
Silicon	28-1	1215.95	1230.33	1234.39	1226.89	0.79	ppb
Silver	107-1	1.59	1.62	1.58	1.60	1.18	ppb
Silver	109-1	1.60	1.56	1.60	1.59	1.37	ppb
Sodium	23-2	7736.98	7697.45	7583.34	7672.59	1.04	ppb
Strontium	86-1	12069.47	12139.47	12169.94	12126.29	0.42	ppb
Strontium	88-1	11762.00	12057.38	12150.48	11989.95	1.69	ppb
Sulfur	34-1	1319.23	1361.70	1410.14	1363.69	3.34	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.41	0.37	0.37	0.39	5.76	ppb
Thallium	205-1	0.40	0.36	0.36	0.37	6.54	ppb
Tin	118-1	88.85	91.27	92.70	90.94	2.14	ppb
Titanium	47-1	605.73	610.97	613.85	610.18	0.68	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-14	Instrumnet Name :	P7
Client Sample ID :	MJNLH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:07:18	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.28	1.26	1.27	0.85	ppb
Vanadium	51-2	51.30	51.21	51.24	51.25	0.09	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	4516.69	4552.77	4569.49	4546.32	0.59	ppb
Zirconium	90-1	4.58	4.78	4.79	4.72	2.49	ppb
Zirconium	91-1	4.70	4.98	4.94	4.87	3.05	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-01	Instrumnet Name :	P7
Client Sample ID :	MJNKJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:10:19	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3731.95	3734.62	3709.17	3725.25	0.38	ppb
Antimony	121-1	9.43	9.51	9.54	9.49	0.61	ppb
Arsenic	75-2	130.96	130.47	129.54	130.32	0.55	ppb
Barium	135-1	42.24	42.49	42.36	42.36	0.30	ppb
Barium	137-1	42.55	43.20	42.96	42.90	0.77	ppb
Beryllium	9-1	0.25	0.26	0.27	0.26	3.70	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.12	1.07	1.16	9.52	ppb
Cadmium	106-1	1.06	0.51	0.37	0.65	56.72	ppb
Cadmium	111-1	0.82	0.81	0.82	0.82	0.74	ppb
Calcium	43-1	4433.50	4412.13	4498.28	4447.97	1.01	ppb
Calcium	44-1	4273.60	4273.26	4255.61	4267.49	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.61	19.78	19.68	19.69	0.43	ppb
Cobalt	59-2	18.61	18.84	18.62	18.69	0.69	ppb
Copper	63-2	1926.48	1964.72	1910.46	1933.89	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	17798.66	18166.21	17882.17	17949.01	1.07	ppb
Iron	57-2	17409.98	17945.44	17812.52	17722.65	1.57	ppb
Iron	54-2	17905.10	17948.80	17935.76	17929.88	0.13	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-01	Instrumnet Name :	P7
Client Sample ID :	MJNKJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:10:19	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	335.56	343.35	337.63	338.85	1.19	ppb
Lead	207-1	329.00	336.03	342.40	335.81	2.00	ppb
Lead	208-1	333.09	337.86	340.03	336.99	1.05	ppb
Lithium	6-1				91		%
Magnesium	24-2	4176.02	4148.70	4255.32	4193.35	1.32	ppb
Manganese	55-2	94.97	96.02	93.79	94.93	1.17	ppb
Molybdenum	94-1	2.78	2.88	2.85	2.84	1.85	ppb
Molybdenum	95-1	1.73	1.72	1.67	1.71	1.99	ppb
Molybdenum	96-1	1.93	1.90	1.93	1.92	0.86	ppb
Molybdenum	97-1	1.73	1.73	1.73	1.73	0.28	ppb
Molybdenum	98-1	1.68	1.67	1.69	1.68	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.81	13.06	12.59	12.82	1.84	ppb
Phosphorus	31-2	1028.24	1023.78	1002.21	1018.08	1.37	ppb
Potassium	39-2	2199.89	2186.48	2149.95	2178.77	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.38	0.66	0.62	0.55	27.19	ppb
Selenium	77-2	3.43	2.68	2.77	2.96	13.87	ppb
Selenium	78-2	0.71	0.12	0.45	0.43	69.49	ppb
Silicon	28-1	907.55	960.36	1065.82	977.91	8.24	ppb
Silver	107-1	7.21	7.40	7.35	7.32	1.36	ppb
Silver	109-1	7.25	7.38	7.36	7.33	0.94	ppb
Sodium	23-2	20910.42	20970.43	21059.44	20980.09	0.36	ppb
Strontium	86-1	1238.80	1248.67	1244.48	1243.98	0.40	ppb
Strontium	88-1	1287.40	1305.21	1289.08	1293.89	0.76	ppb
Sulfur	34-1	3281.75	3293.67	3350.42	3308.62	1.11	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.29	0.27	0.28	2.75	ppb
Thallium	205-1	0.28	0.28	0.27	0.28	2.13	ppb
Tin	118-1	25.99	26.60	26.81	26.46	1.60	ppb
Titanium	47-1	162.03	156.66	158.63	159.11	1.71	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-01	Instrumnet Name :	P7
Client Sample ID :	MJNKJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:10:19	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.72	0.68	0.69	2.73	ppb
Vanadium	51-2	25.70	26.16	25.93	25.93	0.88	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	699.76	708.69	699.20	702.55	0.76	ppb
Zirconium	90-1	0.83	0.80	0.79	0.81	2.29	ppb
Zirconium	91-1	0.84	0.82	0.79	0.82	2.77	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-02	Instrumnet Name :	P7
Client Sample ID :	MJNKJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:13:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	745.47	736.52	736.85	739.61	0.69	ppb
Antimony	121-1	3.99	4.03	4.06	4.03	0.84	ppb
Arsenic	75-2	19.68	20.03	19.57	19.76	1.20	ppb
Barium	135-1	15.05	15.31	15.13	15.16	0.89	ppb
Barium	137-1	15.19	15.57	15.14	15.30	1.54	ppb
Beryllium	9-1	0.05	0.08	0.05	0.06	30.12	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.14	0.18	0.16	14.45	ppb
Cadmium	106-1	-1.70	-0.27	-0.84	-0.94		ppb
Cadmium	111-1	0.00	0.10	0.05	0.05	103.89	ppb
Calcium	43-1	1192.64	1177.57	1183.78	1184.66	0.64	ppb
Calcium	44-1	1179.77	1190.69	1188.95	1186.47	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.98	1.93	1.95	1.25	ppb
Cobalt	59-2	3.63	3.57	3.63	3.61	1.03	ppb
Copper	63-2	54.83	54.60	54.31	54.58	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				112		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	2614.34	2567.00	2558.97	2580.10	1.16	ppb
Iron	57-2	2553.05	2533.42	2555.39	2547.29	0.47	ppb
Iron	54-2	2598.13	2595.44	2595.40	2596.32	0.06	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-02	Instrumnet Name :	P7
Client Sample ID :	MJNKJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:13:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.08	24.02	24.03	24.04	0.12	ppb
Lead	207-1	23.45	23.68	23.37	23.50	0.69	ppb
Lead	208-1	23.70	23.58	23.50	23.59	0.41	ppb
Lithium	6-1				90		%
Magnesium	24-2	755.49	742.26	757.18	751.64	1.09	ppb
Manganese	55-2	40.33	40.00	39.91	40.08	0.55	ppb
Molybdenum	94-1	0.37	0.41	0.40	0.39	5.34	ppb
Molybdenum	95-1	0.24	0.24	0.25	0.25	1.68	ppb
Molybdenum	96-1	0.28	0.28	0.28	0.28	0.30	ppb
Molybdenum	97-1	0.25	0.26	0.25	0.25	3.62	ppb
Molybdenum	98-1	0.25	0.26	0.24	0.25	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.07	5.13	5.20	5.13	1.35	ppb
Phosphorus	31-2	299.77	299.71	315.93	305.14	3.06	ppb
Potassium	39-2	421.26	409.91	414.04	415.07	1.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.11	-0.02	0.06	0.05	120.86	ppb
Selenium	77-2	1.65	1.97	1.65	1.76	10.55	ppb
Selenium	78-2	-0.27	0.15	0.58	0.15	274.73	ppb
Silicon	28-1	335.82	336.92	348.55	340.43	2.07	ppb
Silver	107-1	0.12	0.10	0.10	0.11	11.85	ppb
Silver	109-1	0.13	0.10	0.09	0.11	16.59	ppb
Sodium	23-2	1971.26	1937.24	1976.75	1961.75	1.09	ppb
Strontium	86-1	205.04	207.57	207.07	206.56	0.65	ppb
Strontium	88-1	202.31	206.01	207.54	205.29	1.31	ppb
Sulfur	34-1	-835.97	-775.83	-763.50	-791.77		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.29	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	6.31	ppb
Tin	118-1	1.19	1.21	1.28	1.23	3.97	ppb
Titanium	47-1	16.92	16.22	16.68	16.61	2.16	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-02	Instrumnet Name :	P7
Client Sample ID :	MJNKJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:13:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.11	0.10	0.10	3.47	ppb
Vanadium	51-2	2.96	2.99	3.00	2.99	0.64	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	168.18	163.99	163.67	165.28	1.52	ppb
Zirconium	90-1	0.09	0.10	0.09	0.10	4.58	ppb
Zirconium	91-1	0.10	0.08	0.10	0.09	13.76	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-03	Instrumnet Name :	P7
Client Sample ID :	MJNKJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:16:39	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2983.08	3014.55	2984.05	2993.90	0.60	ppb
Antimony	121-1	5.22	5.26	5.23	5.24	0.49	ppb
Arsenic	75-2	66.60	65.99	67.59	66.73	1.21	ppb
Barium	135-1	21.88	21.74	21.53	21.72	0.82	ppb
Barium	137-1	21.88	22.34	22.01	22.08	1.08	ppb
Beryllium	9-1	0.16	0.17	0.24	0.19	22.41	ppb
Bismuth	209-1				120		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.94	0.72	0.78	18.11	ppb
Cadmium	106-1	0.69	-0.27	0.40	0.27	179.71	ppb
Cadmium	111-1	0.82	0.77	0.83	0.81	3.94	ppb
Calcium	43-1	4344.92	4237.24	4411.52	4331.23	2.03	ppb
Calcium	44-1	4258.44	4176.06	4161.84	4198.78	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.81	18.30	18.11	18.07	1.37	ppb
Cobalt	59-2	5.69	5.76	5.83	5.76	1.23	ppb
Copper	63-2	1373.60	1391.48	1398.80	1387.96	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	10988.82	11154.79	11057.17	11066.92	0.75	ppb
Iron	57-2	10854.52	11069.55	10925.27	10949.78	1.00	ppb
Iron	54-2	11029.74	11156.97	11174.71	11120.47	0.71	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-03	Instrumnet Name :	P7
Client Sample ID :	MJNKJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:16:39	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	249.82	246.64	243.24	246.56	1.33	ppb
Lead	207-1	246.63	246.43	246.76	246.61	0.07	ppb
Lead	208-1	248.01	245.98	245.11	246.37	0.60	ppb
Lithium	6-1				91		%
Magnesium	24-2	3161.90	3179.76	3194.88	3178.85	0.52	ppb
Manganese	55-2	48.87	49.55	48.86	49.09	0.80	ppb
Molybdenum	94-1	2.35	2.40	2.42	2.39	1.43	ppb
Molybdenum	95-1	1.64	1.57	1.60	1.60	1.98	ppb
Molybdenum	96-1	1.72	1.86	1.72	1.77	4.41	ppb
Molybdenum	97-1	1.65	1.53	1.64	1.61	4.40	ppb
Molybdenum	98-1	1.59	1.60	1.60	1.60	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.76	19.36	18.98	19.04	1.58	ppb
Phosphorus	31-2	584.90	563.23	540.74	562.96	3.92	ppb
Potassium	39-2	1758.73	1789.79	1766.39	1771.63	0.91	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.48	0.95	0.55	0.66	39.00	ppb
Selenium	77-2	3.03	3.38	1.74	2.72	31.73	ppb
Selenium	78-2	1.07	0.92	0.57	0.86	29.99	ppb
Silicon	28-1	589.10	546.71	576.35	570.72	3.81	ppb
Silver	107-1	8.38	8.56	8.52	8.49	1.13	ppb
Silver	109-1	8.46	8.53	8.49	8.49	0.39	ppb
Sodium	23-2	16409.61	16752.75	16587.24	16583.20	1.03	ppb
Strontium	86-1	996.78	991.80	984.91	991.16	0.60	ppb
Strontium	88-1	1024.00	1012.54	1005.10	1013.88	0.94	ppb
Sulfur	34-1	3850.10	3803.84	3934.72	3862.88	1.72	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.17	0.18	0.17	4.35	ppb
Thallium	205-1	0.18	0.17	0.17	0.18	4.38	ppb
Tin	118-1	11.31	11.56	11.40	11.42	1.09	ppb
Titanium	47-1	157.03	154.60	157.85	156.50	1.08	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-03	Instrumnet Name :	P7
Client Sample ID :	MJNKJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:16:39	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.73	0.74	0.73	0.31	ppb
Vanadium	51-2	19.55	19.90	19.84	19.76	0.94	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	282.51	284.93	286.60	284.68	0.72	ppb
Zirconium	90-1	0.60	0.61	0.60	0.60	0.91	ppb
Zirconium	91-1	0.65	0.62	0.62	0.63	2.48	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-07	Instrumnet Name :	P7
Client Sample ID :	MJNKK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:19:45	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2916.25	2916.90	2914.99	2916.05	0.03	ppb
Antimony	121-1	5.51	5.64	5.77	5.64	2.30	ppb
Arsenic	75-2	78.38	77.36	76.84	77.52	1.01	ppb
Barium	135-1	33.12	34.06	34.45	33.88	2.02	ppb
Barium	137-1	33.61	34.72	34.46	34.27	1.69	ppb
Beryllium	9-1	0.16	0.13	0.13	0.14	13.98	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	1.10	1.18	1.09	9.36	ppb
Cadmium	106-1	0.35	0.84	0.00	0.40	107.21	ppb
Cadmium	111-1	0.81	0.83	0.75	0.79	5.61	ppb
Calcium	43-1	17154.05	17810.92	17624.38	17529.78	1.93	ppb
Calcium	44-1	16555.19	16968.51	17102.94	16875.55	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.14	16.22	16.34	16.23	0.63	ppb
Cobalt	59-2	10.03	10.05	9.96	10.01	0.48	ppb
Copper	63-2	1797.93	1813.87	1799.35	1803.72	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				113		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	12629.39	12433.57	12457.08	12506.68	0.85	ppb
Iron	57-2	12338.88	12203.48	12138.53	12226.96	0.84	ppb
Iron	54-2	12574.86	12407.40	12438.66	12473.64	0.71	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-07	Instrumnet Name :	P7
Client Sample ID :	MJNKK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:19:45	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	192.41	193.32	192.87	192.86	0.23	ppb
Lead	207-1	190.51	196.78	191.82	193.04	1.71	ppb
Lead	208-1	190.69	194.25	191.33	192.09	0.99	ppb
Lithium	6-1				89		%
Magnesium	24-2	2810.67	2825.56	2812.68	2816.30	0.29	ppb
Manganese	55-2	66.24	65.38	65.64	65.75	0.68	ppb
Molybdenum	94-1	2.65	2.82	2.67	2.71	3.42	ppb
Molybdenum	95-1	1.49	1.57	1.55	1.54	2.80	ppb
Molybdenum	96-1	1.68	1.77	1.76	1.74	2.82	ppb
Molybdenum	97-1	1.52	1.55	1.51	1.53	1.58	ppb
Molybdenum	98-1	1.50	1.57	1.54	1.54	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.76	10.69	10.73	10.72	0.34	ppb
Phosphorus	31-2	1008.74	1009.52	1029.39	1015.88	1.15	ppb
Potassium	39-2	1528.27	1521.77	1523.34	1524.46	0.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.36	0.37	0.37	0.37	1.49	ppb
Selenium	77-2	2.49	4.19	3.13	3.27	26.29	ppb
Selenium	78-2	1.40	0.26	0.75	0.80	71.47	ppb
Silicon	28-1	915.14	868.89	856.10	880.04	3.53	ppb
Silver	107-1	5.77	5.85	5.83	5.81	0.71	ppb
Silver	109-1	5.72	5.91	5.74	5.79	1.83	ppb
Sodium	23-2	12941.12	12858.19	13046.12	12948.48	0.73	ppb
Strontium	86-1	3983.06	4089.46	4077.81	4050.11	1.44	ppb
Strontium	88-1	4102.31	4168.09	4177.53	4149.31	0.99	ppb
Sulfur	34-1	3372.58	3744.88	3738.93	3618.80	5.89	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.36	0.38	0.36	0.37	2.95	ppb
Thallium	205-1	0.37	0.37	0.35	0.36	3.01	ppb
Tin	118-1	10.29	10.88	10.82	10.67	3.04	ppb
Titanium	47-1	197.47	202.09	200.83	200.13	1.19	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-07	Instrumnet Name :	P7
Client Sample ID :	MJNKK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:19:45	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.92	0.92	0.92	0.42	ppb
Vanadium	51-2	14.31	14.49	14.58	14.46	0.97	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	416.50	412.92	413.64	414.35	0.46	ppb
Zirconium	90-1	0.75	0.78	0.79	0.78	2.78	ppb
Zirconium	91-1	0.77	0.82	0.82	0.81	3.45	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-08	Instrumnet Name :	P7
Client Sample ID :	MJNKK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:22:52	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4464.63	4432.79	4308.18	4401.87	1.88	ppb
Antimony	121-1	6.93	6.87	7.21	7.00	2.58	ppb
Arsenic	75-2	121.49	122.14	119.82	121.15	0.99	ppb
Barium	135-1	53.23	54.51	55.11	54.28	1.78	ppb
Barium	137-1	54.27	54.22	55.74	54.75	1.58	ppb
Beryllium	9-1	0.21	0.22	0.17	0.20	12.00	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.20	0.95	0.87	1.01	16.86	ppb
Cadmium	106-1	0.72	0.57	0.30	0.53	39.58	ppb
Cadmium	111-1	0.91	0.91	0.92	0.91	0.21	ppb
Calcium	43-1	4954.03	4920.72	4914.32	4929.69	0.43	ppb
Calcium	44-1	4656.44	4810.59	4772.25	4746.43	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.28	20.85	21.09	21.07	1.03	ppb
Cobalt	59-2	15.99	15.65	15.46	15.70	1.72	ppb
Copper	63-2	2344.47	2321.96	2330.77	2332.40	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				112		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	19494.68	19070.45	19372.77	19312.63	1.13	ppb
Iron	57-2	19471.68	18843.41	18938.80	19084.63	1.77	ppb
Iron	54-2	19556.68	19269.25	19380.46	19402.13	0.75	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-08	Instrumnet Name :	P7
Client Sample ID :	MJNKK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:22:52	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	283.67	274.04	281.86	279.86	1.83	ppb
Lead	207-1	282.34	282.02	277.20	280.52	1.03	ppb
Lead	208-1	278.98	278.61	277.06	278.21	0.37	ppb
Lithium	6-1				89		%
Magnesium	24-2	4313.93	4301.72	4281.31	4298.99	0.38	ppb
Manganese	55-2	112.38	110.92	111.15	111.48	0.71	ppb
Molybdenum	94-1	2.73	2.92	3.04	2.89	5.41	ppb
Molybdenum	95-1	1.82	1.91	1.93	1.89	3.19	ppb
Molybdenum	96-1	2.14	2.21	2.13	2.16	2.14	ppb
Molybdenum	97-1	1.95	1.90	1.95	1.94	1.42	ppb
Molybdenum	98-1	1.85	1.94	1.93	1.91	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.49	20.74	20.59	20.61	0.59	ppb
Phosphorus	31-2	975.21	978.05	973.24	975.50	0.25	ppb
Potassium	39-2	2125.37	2127.40	2102.80	2118.53	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	0.74	0.35	0.28	0.46	54.35	ppb
Selenium	77-2	4.68	2.75	3.22	3.55	28.40	ppb
Selenium	78-2	1.59	1.47	1.32	1.46	9.22	ppb
Silicon	28-1	1525.37	1413.30	1399.10	1445.92	4.78	ppb
Silver	107-1	7.43	7.47	7.62	7.51	1.32	ppb
Silver	109-1	7.44	7.53	7.66	7.54	1.42	ppb
Sodium	23-2	18900.78	18716.50	18467.99	18695.09	1.16	ppb
Strontium	86-1	1197.68	1234.49	1238.35	1223.51	1.84	ppb
Strontium	88-1	1240.03	1251.80	1280.59	1257.47	1.66	ppb
Sulfur	34-1	5601.27	5480.56	5473.80	5518.54	1.30	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.35	0.35	0.38	0.36	5.46	ppb
Thallium	205-1	0.36	0.36	0.36	0.36	0.54	ppb
Tin	118-1	18.42	18.36	18.76	18.51	1.16	ppb
Titanium	47-1	212.31	213.62	211.62	212.52	0.48	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-08	Instrumnet Name :	P7
Client Sample ID :	MJNKK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:22:52	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	0.84	0.84	0.93	ppb
Vanadium	51-2	23.87	23.83	24.08	23.93	0.56	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	615.74	614.18	606.50	612.14	0.81	ppb
Zirconium	90-1	0.72	0.75	0.75	0.74	2.74	ppb
Zirconium	91-1	0.74	0.77	0.81	0.78	4.38	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-09	Instrumnet Name :	P7
Client Sample ID :	MJNKK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:25:54	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3243.23	3230.47	3203.53	3225.75	0.63	ppb
Antimony	121-1	7.99	8.16	8.00	8.05	1.19	ppb
Arsenic	75-2	129.97	128.35	130.01	129.44	0.73	ppb
Barium	135-1	31.64	32.46	31.91	32.00	1.30	ppb
Barium	137-1	32.07	32.78	32.34	32.40	1.12	ppb
Beryllium	9-1	0.21	0.21	0.21	0.21	2.05	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.28	1.31	1.24	7.22	ppb
Cadmium	106-1	0.44	0.82	0.53	0.60	33.83	ppb
Cadmium	111-1	0.96	1.01	0.93	0.96	3.94	ppb
Calcium	43-1	4539.05	4583.29	4486.23	4536.19	1.07	ppb
Calcium	44-1	4361.87	4387.01	4284.79	4344.56	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.76	16.71	16.48	16.65	0.88	ppb
Cobalt	59-2	14.59	14.61	14.40	14.53	0.81	ppb
Copper	63-2	2642.44	2615.15	2613.14	2623.58	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				113		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	17363.24	17258.32	17335.33	17318.96	0.31	ppb
Iron	57-2	16964.96	17275.57	16987.23	17075.92	1.01	ppb
Iron	54-2	17330.41	17461.52	17188.77	17326.90	0.79	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-09	Instrumnet Name :	P7
Client Sample ID :	MJNKK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:25:54	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	308.11	305.19	307.76	307.02	0.52	ppb
Lead	207-1	307.80	307.17	304.57	306.51	0.56	ppb
Lead	208-1	305.20	303.48	302.50	303.73	0.45	ppb
Lithium	6-1				86		%
Magnesium	24-2	3665.03	3633.84	3645.84	3648.24	0.43	ppb
Manganese	55-2	90.50	90.93	90.46	90.63	0.29	ppb
Molybdenum	94-1	2.46	2.54	2.66	2.55	4.03	ppb
Molybdenum	95-1	1.70	1.71	1.71	1.71	0.57	ppb
Molybdenum	96-1	1.87	1.93	1.94	1.92	1.87	ppb
Molybdenum	97-1	1.64	1.63	1.70	1.66	2.26	ppb
Molybdenum	98-1	1.70	1.65	1.70	1.68	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.27	14.47	14.52	14.42	0.92	ppb
Phosphorus	31-2	1003.55	999.23	1031.49	1011.42	1.73	ppb
Potassium	39-2	1941.25	2003.40	1933.25	1959.30	1.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.66	0.77	0.45	0.62	25.73	ppb
Selenium	77-2	4.52	3.60	3.19	3.77	18.09	ppb
Selenium	78-2	1.52	1.39	1.47	1.46	4.30	ppb
Silicon	28-1	714.50	725.30	706.25	715.35	1.34	ppb
Silver	107-1	7.46	7.72	7.57	7.58	1.74	ppb
Silver	109-1	7.50	7.75	7.54	7.60	1.75	ppb
Sodium	23-2	17756.96	17512.19	17573.09	17614.08	0.72	ppb
Strontium	86-1	1109.11	1125.18	1128.70	1121.00	0.93	ppb
Strontium	88-1	1156.85	1134.26	1166.19	1152.43	1.42	ppb
Sulfur	34-1	5871.85	5966.20	5830.15	5889.40	1.18	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.41	0.41	0.41	0.41	0.95	ppb
Thallium	205-1	0.42	0.41	0.40	0.41	2.37	ppb
Tin	118-1	19.91	20.40	20.10	20.14	1.24	ppb
Titanium	47-1	156.65	157.61	156.11	156.79	0.48	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-09	Instrumnet Name :	P7
Client Sample ID :	MJNKK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:25:54	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.59	0.57	0.58	2.17	ppb
Vanadium	51-2	20.42	20.62	20.37	20.47	0.64	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	532.34	530.56	527.42	530.11	0.47	ppb
Zirconium	90-1	0.65	0.73	0.66	0.68	6.21	ppb
Zirconium	91-1	0.70	0.72	0.72	0.71	2.09	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:28:59	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20329.19	20467.26	20112.62	20303.02	0.88	ppb
Antimony	121-1	0.32	0.29	0.29	0.30	5.98	ppb
Arsenic	75-2	8.89	8.66	8.69	8.75	1.41	ppb
Barium	135-1	238.93	216.85	219.32	225.03	5.38	ppb
Barium	137-1	238.88	218.90	220.96	226.25	4.86	ppb
Beryllium	9-1	1.28	1.14	1.24	1.22	6.11	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	1.48	1.62	1.54	4.77	ppb
Cadmium	106-1	3.83	3.30	2.15	3.10	27.64	ppb
Cadmium	111-1	0.68	0.62	0.57	0.62	8.61	ppb
Calcium	43-1	33438.85	31646.68	31376.08	32153.87	3.49	ppb
Calcium	44-1	32528.66	30769.83	30572.08	31290.19	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464.72	457.94	464.11	462.26	0.81	ppb
Cobalt	59-2	28.81	28.51	28.74	28.69	0.55	ppb
Copper	63-2	91.97	91.96	92.34	92.09	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				110		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	76964.13	77048.25	76731.91	76914.77	0.21	ppb
Iron	57-2	75299.83	75399.92	75283.98	75327.91	0.08	ppb
Iron	54-2	75599.30	75886.23	76327.49	75937.67	0.48	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:28:59	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.05	17.87	17.76	18.23	3.92	ppb
Lead	207-1	18.36	17.09	17.01	17.49	4.31	ppb
Lead	208-1	18.62	17.42	17.33	17.79	4.05	ppb
Lithium	6-1				83		%
Magnesium	24-2	13371.95	13643.20	13652.30	13555.82	1.18	ppb
Manganese	55-2	3306.48	3319.38	3303.93	3309.93	0.25	ppb
Molybdenum	94-1	35.13	33.28	33.22	33.88	3.20	ppb
Molybdenum	95-1	7.84	7.36	7.40	7.53	3.58	ppb
Molybdenum	96-1	11.28	10.45	10.70	10.81	3.91	ppb
Molybdenum	97-1	7.82	7.28	8.00	7.70	4.83	ppb
Molybdenum	98-1	7.64	7.38	7.37	7.46	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.95	44.15	44.21	44.43	1.00	ppb
Phosphorus	31-2	1638.31	1646.57	1675.15	1653.34	1.17	ppb
Potassium	39-2	1193.40	1201.28	1198.14	1197.61	0.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.27	0.50	0.61	0.46	38.21	ppb
Selenium	77-2	11.73	9.49	8.87	10.03	14.97	ppb
Selenium	78-2	1.74	2.23	1.02	1.66	36.51	ppb
Silicon	28-1	968.78	919.01	925.52	937.77	2.88	ppb
Silver	107-1	0.19	0.14	0.15	0.16	17.46	ppb
Silver	109-1	0.18	0.14	0.13	0.15	19.10	ppb
Sodium	23-2	506.02	510.43	506.46	507.64	0.48	ppb
Strontium	86-1	2450.31	2321.39	2337.55	2369.75	2.96	ppb
Strontium	88-1	2495.63	2385.64	2383.94	2421.74	2.64	ppb
Sulfur	34-1	-527.80	-739.76	-774.68	-680.75		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.25	0.22	0.23	0.23	6.42	ppb
Thallium	205-1	0.25	0.22	0.22	0.23	5.79	ppb
Tin	118-1	3.78	3.52	3.47	3.59	4.63	ppb
Titanium	47-1	2048.58	1943.61	1925.91	1972.70	3.36	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:28:59	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.78	1.66	1.68	1.71	3.71	ppb
Vanadium	51-2	147.97	147.72	147.90	147.86	0.08	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	114.55	115.05	115.36	114.99	0.35	ppb
Zirconium	90-1	16.18	15.19	15.20	15.52	3.65	ppb
Zirconium	91-1	16.07	15.50	15.59	15.72	1.94	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:32:08	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42301.38	42004.80	42721.71	42342.63	0.85	ppb
Antimony	121-1	0.17	0.16	0.19	0.17	8.74	ppb
Arsenic	75-2	7.55	7.71	7.73	7.66	1.26	ppb
Barium	135-1	163.75	172.19	167.96	167.97	2.52	ppb
Barium	137-1	167.31	171.30	169.21	169.27	1.18	ppb
Beryllium	9-1	1.19	1.32	1.16	1.22	7.21	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.54	1.25	1.46	12.68	ppb
Cadmium	106-1	2.14	2.38	1.91	2.14	10.93	ppb
Cadmium	111-1	0.53	0.59	0.53	0.55	7.04	ppb
Calcium	43-1	13158.96	13775.54	13412.24	13448.91	2.30	ppb
Calcium	44-1	12732.13	13369.96	12896.44	12999.51	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.57	27.45	27.32	27.45	0.45	ppb
Cobalt	59-2	30.01	30.25	30.17	30.14	0.40	ppb
Copper	63-2	109.91	110.60	110.45	110.32	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				113		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	57445.21	56399.63	56668.72	56837.86	0.96	ppb
Iron	57-2	56204.13	56376.29	55253.57	55944.66	1.08	ppb
Iron	54-2	57164.59	57245.68	57196.71	57202.33	0.07	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:32:08	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.94	21.55	21.82	21.44	2.10	ppb
Lead	207-1	20.29	20.68	20.84	20.60	1.37	ppb
Lead	208-1	20.56	20.91	21.14	20.87	1.41	ppb
Lithium	6-1				88		%
Magnesium	24-2	18678.96	18576.91	18813.91	18689.93	0.64	ppb
Manganese	55-2	1002.63	1000.86	990.60	998.03	0.65	ppb
Molybdenum	94-1	24.66	26.12	25.47	25.42	2.89	ppb
Molybdenum	95-1	0.55	0.55	0.53	0.55	2.18	ppb
Molybdenum	96-1	3.65	3.65	3.54	3.62	1.77	ppb
Molybdenum	97-1	0.52	0.57	0.55	0.55	4.75	ppb
Molybdenum	98-1	0.53	0.55	0.52	0.53	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.52	43.94	44.08	44.18	0.68	ppb
Phosphorus	31-2	1652.64	1636.94	1671.77	1653.78	1.05	ppb
Potassium	39-2	1397.37	1391.93	1411.77	1400.36	0.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.83	0.41	0.80	0.68	34.64	ppb
Selenium	77-2	9.88	11.35	11.83	11.02	9.21	ppb
Selenium	78-2	1.95	2.37	1.72	2.02	16.48	ppb
Silicon	28-1	637.15	682.54	702.46	674.05	4.97	ppb
Silver	107-1	0.10	0.11	0.10	0.10	6.66	ppb
Silver	109-1	0.10	0.10	0.10	0.10	3.15	ppb
Sodium	23-2	513.77	512.81	513.67	513.42	0.10	ppb
Strontium	86-1	2456.10	2491.20	2459.42	2468.91	0.78	ppb
Strontium	88-1	2526.31	2560.73	2526.23	2537.76	0.78	ppb
Sulfur	34-1	-1335.16	-1235.09	-1346.92	-1305.73		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.10	0.13	0.12	10.03	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	1.38	ppb
Tin	118-1	1.07	1.06	1.07	1.07	0.16	ppb
Titanium	47-1	791.62	808.09	809.03	802.91	1.22	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:32:08	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.02	1.03	1.02	1.14	ppb
Vanadium	51-2	98.61	97.48	98.35	98.15	0.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	206.52	208.62	208.13	207.76	0.53	ppb
Zirconium	90-1	13.43	14.22	13.84	13.83	2.84	ppb
Zirconium	91-1	13.34	13.79	13.99	13.71	2.40	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:35:19	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28246.04	28075.78	28234.77	28185.53	0.34	ppb
Antimony	121-1	0.23	0.22	0.23	0.23	1.12	ppb
Arsenic	75-2	5.47	5.68	5.56	5.57	1.87	ppb
Barium	135-1	180.73	180.00	183.47	181.40	1.01	ppb
Barium	137-1	181.90	182.06	184.36	182.77	0.75	ppb
Beryllium	9-1	1.09	1.13	1.09	1.10	2.34	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.52	1.63	1.48	1.55	4.92	ppb
Cadmium	106-1	0.81	1.38	1.30	1.16	26.42	ppb
Cadmium	111-1	0.77	0.79	0.78	0.78	1.38	ppb
Calcium	43-1	10864.78	11314.55	11274.27	11151.20	2.23	ppb
Calcium	44-1	10482.91	10909.18	10736.45	10709.51	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.58	24.53	24.83	24.65	0.66	ppb
Cobalt	59-2	24.55	24.59	24.56	24.57	0.07	ppb
Copper	63-2	59.52	59.29	60.13	59.65	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				113		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	45060.47	44730.76	44736.25	44842.49	0.42	ppb
Iron	57-2	44179.67	43849.86	44111.08	44046.87	0.40	ppb
Iron	54-2	44936.95	43886.91	44597.96	44473.94	1.20	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:35:19	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.09	33.20	33.62	33.31	0.83	ppb
Lead	207-1	31.42	31.64	32.07	31.71	1.04	ppb
Lead	208-1	31.97	32.20	32.49	32.22	0.80	ppb
Lithium	6-1				89		%
Magnesium	24-2	11655.54	11580.58	11771.66	11669.26	0.83	ppb
Manganese	55-2	930.53	913.01	924.40	922.65	0.96	ppb
Molybdenum	94-1	17.67	18.14	18.11	17.97	1.48	ppb
Molybdenum	95-1	0.52	0.55	0.55	0.54	3.46	ppb
Molybdenum	96-1	2.67	2.75	2.69	2.70	1.49	ppb
Molybdenum	97-1	0.53	0.51	0.55	0.53	3.82	ppb
Molybdenum	98-1	0.50	0.54	0.50	0.51	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.54	34.18	34.52	34.41	0.59	ppb
Phosphorus	31-2	1233.75	1230.65	1225.39	1229.93	0.34	ppb
Potassium	39-2	1240.83	1233.18	1239.07	1237.69	0.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.53	0.40	0.44	0.46	15.53	ppb
Selenium	77-2	7.13	5.51	7.24	6.63	14.56	ppb
Selenium	78-2	2.36	2.09	1.21	1.89	31.98	ppb
Silicon	28-1	766.49	797.37	797.99	787.28	2.29	ppb
Silver	107-1	0.07	0.06	0.07	0.07	5.80	ppb
Silver	109-1	0.06	0.06	0.07	0.07	5.22	ppb
Sodium	23-2	392.34	390.45	396.75	393.18	0.82	ppb
Strontium	86-1	2577.40	2602.79	2568.06	2582.75	0.70	ppb
Strontium	88-1	2618.53	2667.04	2592.72	2626.10	1.44	ppb
Sulfur	34-1	-1413.54	-1316.76	-1272.11	-1334.14		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.12	0.12	0.12	0.12	1.34	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	5.14	ppb
Tin	118-1	1.28	1.25	1.32	1.28	2.65	ppb
Titanium	47-1	560.22	577.75	571.37	569.78	1.56	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:35:19	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.87	0.88	0.87	0.67	ppb
Vanadium	51-2	91.71	91.42	92.72	91.95	0.75	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	347.88	345.50	348.51	347.30	0.46	ppb
Zirconium	90-1	9.81	9.76	9.54	9.70	1.52	ppb
Zirconium	91-1	9.91	9.93	9.53	9.79	2.32	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:38:29	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22223.51	22439.19	21924.65	22195.78	1.16	ppb
Antimony	121-1	0.24	0.24	0.24	0.24	0.58	ppb
Arsenic	75-2	6.80	7.12	6.60	6.84	3.85	ppb
Barium	135-1	178.27	181.38	181.13	180.26	0.96	ppb
Barium	137-1	179.21	183.46	182.04	181.57	1.19	ppb
Beryllium	9-1	0.90	0.89	0.84	0.88	3.37	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.57	0.71	0.75	0.68	13.81	ppb
Cadmium	106-1	-0.09	-0.07	-0.29	-0.15		ppb
Cadmium	111-1	0.32	0.32	0.32	0.32	0.86	ppb
Calcium	43-1	14557.23	14437.69	14665.46	14553.46	0.78	ppb
Calcium	44-1	13962.40	13858.77	14055.73	13958.97	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.50	26.49	26.06	26.35	0.95	ppb
Cobalt	59-2	31.01	30.55	30.28	30.62	1.21	ppb
Copper	63-2	93.66	94.11	92.66	93.48	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	47083.43	47215.37	46649.65	46982.81	0.63	ppb
Iron	57-2	46180.90	46192.42	45415.91	45929.74	0.97	ppb
Iron	54-2	47040.41	47463.01	46175.82	46893.08	1.40	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:38:29	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.60	34.52	35.20	34.44	2.34	ppb
Lead	207-1	32.30	33.21	33.65	33.05	2.08	ppb
Lead	208-1	32.76	33.61	34.08	33.48	2.00	ppb
Lithium	6-1				91		%
Magnesium	24-2	11925.72	12164.42	11875.82	11988.66	1.29	ppb
Manganese	55-2	1523.09	1532.17	1509.07	1521.44	0.77	ppb
Molybdenum	94-1	6.27	6.60	6.30	6.39	2.85	ppb
Molybdenum	95-1	0.47	0.49	0.44	0.47	5.34	ppb
Molybdenum	96-1	1.41	1.45	1.41	1.42	1.46	ppb
Molybdenum	97-1	0.43	0.47	0.45	0.45	4.44	ppb
Molybdenum	98-1	0.45	0.44	0.43	0.44	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.89	33.94	33.50	34.11	2.08	ppb
Phosphorus	31-2	1307.63	1298.06	1276.85	1294.18	1.22	ppb
Potassium	39-2	1716.29	1719.29	1688.73	1708.10	0.99	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.74	0.87	0.63	0.75	15.76	ppb
Selenium	77-2	4.81	7.60	4.40	5.60	30.99	ppb
Selenium	78-2	0.58	1.24	0.62	0.81	45.39	ppb
Silicon	28-1	1278.00	1255.91	1275.84	1269.91	0.96	ppb
Silver	107-1	0.12	0.13	0.13	0.12	5.10	ppb
Silver	109-1	0.11	0.11	0.12	0.11	4.19	ppb
Sodium	23-2	322.48	323.65	317.67	321.27	0.99	ppb
Strontium	86-1	1908.69	1928.00	1937.94	1924.88	0.77	ppb
Strontium	88-1	2005.88	1996.38	1977.53	1993.26	0.72	ppb
Sulfur	34-1	-1112.11	-1096.06	-1028.24	-1078.81		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.17	0.18	0.17	3.95	ppb
Thallium	205-1	0.17	0.18	0.18	0.18	2.47	ppb
Tin	118-1	1.23	1.24	1.25	1.24	0.54	ppb
Titanium	47-1	326.78	327.33	335.89	330.00	1.55	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:38:29	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.90	0.90	0.89	1.57	ppb
Vanadium	51-2	103.75	103.68	102.02	103.15	0.95	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	127.60	123.72	123.36	124.89	1.88	ppb
Zirconium	90-1	3.38	3.42	3.40	3.40	0.46	ppb
Zirconium	91-1	3.46	3.47	3.48	3.47	0.26	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:41:42	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13921.57	13448.88	13988.42	13786.29	2.13	ppb
Antimony	121-1	0.22	0.22	0.21	0.22	4.34	ppb
Arsenic	75-2	5.09	5.23	5.28	5.20	1.95	ppb
Barium	135-1	199.19	202.99	199.17	200.45	1.10	ppb
Barium	137-1	201.00	204.84	202.15	202.66	0.97	ppb
Beryllium	9-1	0.68	0.76	0.79	0.74	7.00	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	0.82	0.74	0.95	30.15	ppb
Cadmium	106-1	0.50	0.19	0.40	0.36	43.43	ppb
Cadmium	111-1	0.60	0.61	0.62	0.61	1.57	ppb
Calcium	43-1	9358.72	9466.72	9508.81	9444.75	0.82	ppb
Calcium	44-1	9068.81	9231.40	9045.45	9115.22	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.43	19.47	19.72	19.54	0.81	ppb
Cobalt	59-2	20.01	20.06	20.45	20.17	1.21	ppb
Copper	63-2	43.46	43.35	44.22	43.68	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	41726.59	41586.71	41890.95	41734.75	0.36	ppb
Iron	57-2	39588.19	40003.56	41128.39	40240.05	1.98	ppb
Iron	54-2	41338.62	40589.19	41368.86	41098.89	1.07	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:41:42	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.58	35.20	34.95	34.91	0.89	ppb
Lead	207-1	33.62	34.54	34.51	34.22	1.53	ppb
Lead	208-1	33.91	34.56	34.59	34.35	1.12	ppb
Lithium	6-1				87		%
Magnesium	24-2	9490.83	9558.59	9490.39	9513.27	0.41	ppb
Manganese	55-2	579.51	571.54	579.33	576.79	0.79	ppb
Molybdenum	94-1	7.01	7.21	7.20	7.14	1.58	ppb
Molybdenum	95-1	0.50	0.50	0.49	0.50	1.36	ppb
Molybdenum	96-1	1.46	1.46	1.47	1.46	0.48	ppb
Molybdenum	97-1	0.50	0.50	0.51	0.50	1.75	ppb
Molybdenum	98-1	0.50	0.50	0.46	0.49	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.16	30.91	31.48	31.19	0.91	ppb
Phosphorus	31-2	1520.91	1483.17	1513.26	1505.78	1.32	ppb
Potassium	39-2	1162.26	1151.35	1172.92	1162.18	0.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.12	0.39	0.29	0.27	50.38	ppb
Selenium	77-2	9.49	9.70	7.52	8.91	13.54	ppb
Selenium	78-2	2.04	1.16	1.73	1.64	27.13	ppb
Silicon	28-1	735.68	751.42	747.17	744.76	1.09	ppb
Silver	107-1	0.06	0.07	0.06	0.06	7.31	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.69	ppb
Sodium	23-2	400.08	403.08	408.76	403.97	1.09	ppb
Strontium	86-1	1787.16	1817.67	1795.97	1800.27	0.87	ppb
Strontium	88-1	1831.74	1839.04	1896.86	1855.88	1.92	ppb
Sulfur	34-1	-1244.34	-1120.11	-1149.70	-1171.38		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.13	0.14	0.14	3.97	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	3.61	ppb
Tin	118-1	0.97	0.98	0.99	0.98	1.10	ppb
Titanium	47-1	1637.25	1647.72	1625.65	1636.87	0.67	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:41:42	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.11	1.10	1.10	1.24	ppb
Vanadium	51-2	88.82	88.15	90.01	88.99	1.06	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	232.42	232.53	235.05	233.33	0.64	ppb
Zirconium	90-1	3.74	3.77	3.79	3.77	0.71	ppb
Zirconium	91-1	3.75	3.77	3.72	3.74	0.70	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:44:52	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9612.07	9406.29	9575.32	9531.23	1.15	ppb
Antimony	121-1	4.84	4.83	4.90	4.86	0.81	ppb
Arsenic	75-2	38.76	38.34	37.43	38.18	1.77	ppb
Barium	135-1	38.59	37.97	38.44	38.33	0.85	ppb
Barium	137-1	38.50	38.33	39.30	38.71	1.33	ppb
Beryllium	9-1	0.30	0.29	0.30	0.30	2.41	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.56	1.37	1.43	7.50	ppb
Cadmium	106-1	0.65	0.69	0.23	0.52	49.04	ppb
Cadmium	111-1	1.11	1.04	1.06	1.07	3.48	ppb
Calcium	43-1	3531.77	3630.11	3689.61	3617.16	2.20	ppb
Calcium	44-1	3392.66	3512.07	3510.04	3471.59	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.10	24.79	24.76	24.88	0.76	ppb
Cobalt	59-2	7.96	7.81	7.89	7.89	0.95	ppb
Copper	63-2	693.00	680.83	697.40	690.41	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	15679.26	15493.17	15844.17	15672.20	1.12	ppb
Iron	57-2	15599.16	15328.70	15935.16	15621.01	1.94	ppb
Iron	54-2	15748.15	15490.66	15693.87	15644.23	0.87	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:44:52	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.31	116.20	116.20	114.90	1.95	ppb
Lead	207-1	110.89	115.41	114.37	113.55	2.09	ppb
Lead	208-1	116.60	121.07	122.04	119.90	2.42	ppb
Lithium	6-1				89		%
Magnesium	24-2	4059.77	3968.09	3917.08	3981.65	1.82	ppb
Manganese	55-2	157.96	156.34	156.74	157.01	0.54	ppb
Molybdenum	94-1	8.53	8.79	8.71	8.68	1.55	ppb
Molybdenum	95-1	1.31	1.34	1.38	1.34	2.81	ppb
Molybdenum	96-1	2.23	2.22	2.27	2.24	1.09	ppb
Molybdenum	97-1	1.29	1.32	1.37	1.33	2.95	ppb
Molybdenum	98-1	1.29	1.36	1.33	1.33	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.95	26.10	27.16	26.74	2.10	ppb
Phosphorus	31-2	839.60	811.04	809.06	819.90	2.08	ppb
Potassium	39-2	1174.32	1162.31	1169.79	1168.81	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.73	0.82	0.69	0.75	9.22	ppb
Selenium	77-2	3.76	3.74	5.11	4.21	18.72	ppb
Selenium	78-2	3.13	1.37	1.38	1.96	51.64	ppb
Silicon	28-1	562.85	572.72	570.14	568.57	0.90	ppb
Silver	107-1	1.69	1.76	1.76	1.74	2.46	ppb
Silver	109-1	1.71	1.68	1.78	1.73	2.87	ppb
Sodium	23-2	4850.82	4800.97	4896.35	4849.38	0.98	ppb
Strontium	86-1	728.20	752.56	750.00	743.58	1.80	ppb
Strontium	88-1	732.83	747.92	751.09	743.94	1.31	ppb
Sulfur	34-1	-501.47	-366.60	-409.90	-425.99		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.09	0.10	0.09	5.99	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.77	ppb
Tin	118-1	2.94	2.94	3.04	2.98	1.98	ppb
Titanium	47-1	617.23	637.73	643.80	632.92	2.20	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:44:52	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.95	0.94	0.93	2.36	ppb
Vanadium	51-2	55.73	54.29	54.82	54.95	1.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	115.81	115.50	115.89	115.73	0.18	ppb
Zirconium	90-1	4.14	4.24	4.27	4.22	1.58	ppb
Zirconium	91-1	4.06	4.38	4.31	4.25	3.92	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:48:01	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7937.97	8029.30	7920.44	7962.57	0.73	ppb
Antimony	121-1	76.48	76.19	76.55	76.41	0.25	ppb
Arsenic	75-2	353.58	352.47	353.48	353.18	0.17	ppb
Barium	135-1	123.65	124.55	123.73	123.98	0.40	ppb
Barium	137-1	125.15	125.40	124.12	124.89	0.54	ppb
Beryllium	9-1	0.25	0.21	0.28	0.25	14.08	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.75	2.91	2.55	2.74	6.50	ppb
Cadmium	106-1	1.63	1.29	1.33	1.42	13.15	ppb
Cadmium	111-1	1.99	2.05	2.01	2.02	1.44	ppb
Calcium	43-1	5852.07	5854.43	6003.93	5903.48	1.47	ppb
Calcium	44-1	5614.57	5617.27	5633.31	5621.72	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.98	30.34	30.30	30.20	0.65	ppb
Cobalt	59-2	29.15	29.44	29.27	29.29	0.50	ppb
Copper	63-2	5162.57	5245.81	5231.97	5213.45	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				110		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	33756.69	33982.88	33373.12	33704.23	0.91	ppb
Iron	57-2	32597.13	33319.00	33136.20	33017.44	1.14	ppb
Iron	54-2	33920.62	33867.61	33312.68	33700.30	1.00	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:48:01	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	491.79	502.75	498.42	497.65	1.11	ppb
Lead	207-1	489.04	500.32	493.58	494.31	1.15	ppb
Lead	208-1	488.60	498.89	497.77	495.09	1.14	ppb
Lithium	6-1				90		%
Magnesium	24-2	5281.66	5378.34	5293.80	5317.93	0.99	ppb
Manganese	55-2	202.78	207.51	202.73	204.34	1.35	ppb
Molybdenum	94-1	13.48	13.46	13.30	13.41	0.75	ppb
Molybdenum	95-1	8.69	8.62	8.84	8.72	1.28	ppb
Molybdenum	96-1	9.36	9.46	9.42	9.41	0.53	ppb
Molybdenum	97-1	8.82	8.72	8.91	8.82	1.10	ppb
Molybdenum	98-1	8.83	8.68	8.82	8.78	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.10	27.79	28.49	28.13	1.25	ppb
Phosphorus	31-2	705.59	703.00	684.48	697.69	1.65	ppb
Potassium	39-2	2099.01	2100.27	2108.17	2102.48	0.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	2.69	2.26	2.61	2.52	9.04	ppb
Selenium	77-2	5.28	4.22	4.41	4.64	12.24	ppb
Selenium	78-2	2.24	3.07	3.07	2.80	17.26	ppb
Silicon	28-1	1230.55	1174.25	1173.59	1192.79	2.74	ppb
Silver	107-1	8.56	8.48	8.58	8.54	0.61	ppb
Silver	109-1	8.59	8.49	8.66	8.58	1.04	ppb
Sodium	23-2	15143.36	15221.42	14998.55	15121.11	0.75	ppb
Strontium	86-1	1465.88	1473.39	1461.63	1466.96	0.41	ppb
Strontium	88-1	1507.20	1521.12	1511.24	1513.19	0.47	ppb
Sulfur	34-1	12913.34	13164.95	13319.81	13132.70	1.56	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.60	0.61	0.62	0.61	1.19	ppb
Thallium	205-1	0.59	0.61	0.62	0.61	1.96	ppb
Tin	118-1	38.64	38.37	38.70	38.57	0.45	ppb
Titanium	47-1	409.97	415.53	414.97	413.49	0.74	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:48:01	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.20	1.22	1.19	2.31	ppb
Vanadium	51-2	36.30	37.06	36.59	36.65	1.04	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	1359.54	1373.93	1365.48	1366.32	0.53	ppb
Zirconium	90-1	3.43	3.40	3.41	3.41	0.52	ppb
Zirconium	91-1	3.49	3.47	3.55	3.50	1.20	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:51:05	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8603.74	8755.70	8762.07	8707.17	1.03	ppb
Antimony	121-1	88.75	90.52	90.29	89.85	1.07	ppb
Arsenic	75-2	300.88	307.70	303.13	303.90	1.14	ppb
Barium	135-1	259.02	267.27	266.09	264.12	1.69	ppb
Barium	137-1	274.49	263.35	282.43	273.43	3.51	ppb
Beryllium	9-1	0.24	0.24	0.22	0.24	4.78	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.04	3.45	4.07	3.86	9.02	ppb
Cadmium	106-1	2.93	3.06	3.15	3.05	3.60	ppb
Cadmium	111-1	2.69	2.76	2.76	2.74	1.42	ppb
Calcium	43-1	8701.98	9125.88	8961.98	8929.95	2.39	ppb
Calcium	44-1	8417.11	8711.18	8693.52	8607.27	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.40	27.47	27.45	27.44	0.13	ppb
Cobalt	59-2	55.42	55.49	55.89	55.60	0.46	ppb
Copper	63-2	3419.69	3370.85	3386.99	3392.51	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				111		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	42287.38	42274.00	42892.63	42484.67	0.83	ppb
Iron	57-2	42288.81	41382.11	42445.22	42038.71	1.37	ppb
Iron	54-2	42250.57	42582.33	42678.14	42503.68	0.53	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:51:05	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	444.43	441.64	446.81	444.29	0.58	ppb
Lead	207-1	442.43	443.69	444.00	443.38	0.19	ppb
Lead	208-1	437.18	441.49	443.27	440.64	0.71	ppb
Lithium	6-1				88		%
Magnesium	24-2	5195.00	5213.34	5272.65	5227.00	0.78	ppb
Manganese	55-2	303.73	304.73	306.89	305.12	0.53	ppb
Molybdenum	94-1	20.27	21.01	20.28	20.52	2.06	ppb
Molybdenum	95-1	9.88	10.26	9.97	10.04	1.95	ppb
Molybdenum	96-1	11.34	11.68	11.51	11.51	1.47	ppb
Molybdenum	97-1	9.86	10.52	10.12	10.17	3.31	ppb
Molybdenum	98-1	9.97	10.29	10.10	10.12	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.68	24.75	25.02	24.82	0.71	ppb
Phosphorus	31-2	804.43	795.55	803.27	801.08	0.60	ppb
Potassium	39-2	2047.31	2053.76	2134.64	2078.57	2.34	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	1.64	1.65	1.43	1.57	7.88	ppb
Selenium	77-2	4.49	4.19	4.57	4.42	4.62	ppb
Selenium	78-2	2.69	2.39	1.91	2.33	17.00	ppb
Silicon	28-1	1974.35	2073.63	2018.28	2022.09	2.46	ppb
Silver	107-1	4.34	4.39	4.40	4.38	0.67	ppb
Silver	109-1	4.36	4.42	4.39	4.39	0.64	ppb
Sodium	23-2	8076.74	8019.99	8099.57	8065.43	0.51	ppb
Strontium	86-1	1877.88	1920.34	1885.66	1894.63	1.19	ppb
Strontium	88-1	1921.56	1958.49	1929.26	1936.44	1.01	ppb
Sulfur	34-1	8454.00	8899.94	8504.30	8619.41	2.83	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.36	0.39	0.39	0.38	4.21	ppb
Thallium	205-1	0.39	0.38	0.38	0.39	1.32	ppb
Tin	118-1	26.07	26.68	27.07	26.61	1.90	ppb
Titanium	47-1	550.42	568.85	567.31	562.19	1.82	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:51:05	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.56	1.56	1.59	1.57	0.98	ppb
Vanadium	51-2	32.72	32.74	33.24	32.90	0.90	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	2737.18	2670.87	2762.87	2723.64	1.74	ppb
Zirconium	90-1	6.73	7.03	6.79	6.85	2.32	ppb
Zirconium	91-1	6.85	7.14	6.95	6.98	2.06	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P7
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:54:10	DataFile Name :	091CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47148.77	47648.95	47959.64	47585.79	0.86	ppb
Antimony	121-1	469.21	478.28	476.41	474.63	1.01	ppb
Arsenic	75-2	475.51	475.45	477.89	476.28	0.29	ppb
Barium	135-1	2365.48	2418.22	2415.50	2399.73	1.24	ppb
Barium	137-1	2365.02	2423.10	2429.57	2405.90	1.48	ppb
Beryllium	9-1	507.82	516.38	511.66	511.96	0.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	459.71	464.27	463.89	462.62	0.55	ppb
Cadmium	106-1	457.48	469.36	466.05	464.29	1.32	ppb
Cadmium	111-1	443.44	451.59	455.73	450.25	1.39	ppb
Calcium	43-1	244584.87	253962.24	248449.57	248998.89	1.89	ppb
Calcium	44-1	244224.39	254134.71	250802.39	249720.50	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.24	500.35	507.22	501.27	1.11	ppb
Cobalt	59-2	486.46	495.51	492.44	491.47	0.94	ppb
Copper	63-2	4832.70	4787.06	4882.46	4834.08	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				105		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	127001.35	126809.65	128364.56	127391.85	0.67	ppb
Iron	57-2	125850.39	126469.51	127135.64	126485.18	0.51	ppb
Iron	54-2	126856.61	126627.50	128014.02	127166.04	0.58	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P7
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:54:10	DataFile Name :	091CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2477.39	2480.40	2505.63	2487.81	0.62	ppb
Lead	207-1	2464.30	2497.47	2518.04	2493.27	1.09	ppb
Lead	208-1	2465.28	2492.85	2514.29	2490.81	0.99	ppb
Lithium	6-1				87		%
Magnesium	24-2	228235.26	227997.13	231296.29	229176.23	0.80	ppb
Manganese	55-2	4869.22	4840.88	4847.97	4852.69	0.30	ppb
Molybdenum	94-1	4887.98	4902.61	4852.98	4881.19	0.52	ppb
Molybdenum	95-1	4801.94	4843.39	4873.88	4839.74	0.75	ppb
Molybdenum	96-1	4870.16	4889.40	4880.67	4880.07	0.20	ppb
Molybdenum	97-1	4843.41	4880.61	4916.02	4880.01	0.74	ppb
Molybdenum	98-1	4840.40	4853.49	4913.43	4869.11	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.73	463.16	471.56	465.82	1.07	ppb
Phosphorus	31-2	9362.09	9316.08	9480.43	9386.20	0.90	ppb
Potassium	39-2	117955.03	119500.66	120163.28	119206.32	0.95	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	458.09	459.94	457.70	458.57	0.26	ppb
Selenium	77-2	457.04	452.24	448.69	452.66	0.93	ppb
Selenium	78-2	449.16	462.04	457.46	456.22	1.43	ppb
Silicon	28-1	189.81	197.78	195.38	194.32	2.10	ppb
Silver	107-1	457.43	463.95	457.00	459.46	0.85	ppb
Silver	109-1	454.68	460.06	463.56	459.43	0.97	ppb
Sodium	23-2	238474.72	238855.06	238867.80	238732.53	0.09	ppb
Strontium	86-1	12255.58	12207.80	12421.86	12295.08	0.91	ppb
Strontium	88-1	12091.73	12044.06	12251.19	12128.99	0.89	ppb
Sulfur	34-1	8987.10	9403.55	9097.32	9162.65	2.35	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	497.72	502.17	502.67	500.85	0.54	ppb
Thallium	205-1	494.80	494.37	505.00	498.06	1.21	ppb
Tin	118-1	472.39	483.05	488.54	481.33	1.71	ppb
Titanium	47-1	4794.71	4965.61	4946.15	4902.16	1.91	ppb

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P7
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:54:10	DataFile Name :	091CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	487.27	501.94	505.09	498.10	1.91	ppb
Vanadium	51-2	497.32	495.47	509.98	500.92	1.58	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%
Zinc	66-2	4726.17	4673.21	4782.21	4727.20	1.15	ppb
Zirconium	90-1	481.82	488.12	483.39	484.44	0.68	ppb
Zirconium	91-1	485.10	487.10	485.42	485.88	0.22	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P7
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:56:52	DataFile Name :	092CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.09	7.69	6.83	7.54	8.56	ppb
Antimony	121-1	0.26	0.27	0.26	0.26	1.23	ppb
Arsenic	75-2	0.04	0.15	0.06	0.08	65.70	ppb
Barium	135-1	0.60	0.58	0.49	0.55	10.52	ppb
Barium	137-1	0.59	0.54	0.51	0.55	7.91	ppb
Beryllium	9-1	0.18	0.14	0.16	0.16	10.17	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.15	0.06	0.10	44.16	ppb
Cadmium	106-1	-0.68	-0.97	-1.26	-0.97		ppb
Cadmium	111-1	0.08	0.03	0.02	0.05	71.62	ppb
Calcium	43-1	62.67	54.40	40.77	52.61	21.03	ppb
Calcium	44-1	62.16	58.06	49.67	56.63	11.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.05	0.06	0.07	44.26	ppb
Cobalt	59-2	0.08	0.06	0.07	0.07	9.42	ppb
Copper	63-2	1.04	0.99	0.88	0.97	8.06	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				104		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	21.87	20.26	18.72	20.28	7.76	ppb
Iron	57-2	18.01	18.48	17.10	17.86	3.94	ppb
Iron	54-2	21.00	19.68	17.64	19.44	8.70	ppb
Krypton	83-1						cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P7
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:56:52	DataFile Name :	092CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.67	0.61	0.55	0.61	9.89	ppb
Lead	207-1	0.69	0.65	0.54	0.63	12.79	ppb
Lead	208-1	0.66	0.64	0.54	0.61	10.53	ppb
Lithium	6-1				94		%
Magnesium	24-2	37.74	35.87	33.53	35.71	5.92	ppb
Manganese	55-2	0.84	0.82	0.72	0.79	7.90	ppb
Molybdenum	94-1	1.38	1.28	1.08	1.25	12.03	ppb
Molybdenum	95-1	1.33	1.25	1.09	1.22	10.03	ppb
Molybdenum	96-1	1.32	1.26	1.05	1.21	11.68	ppb
Molybdenum	97-1	1.32	1.24	1.06	1.21	10.72	ppb
Molybdenum	98-1	1.33	1.25	1.06	1.21	11.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.08	0.09	0.10	29.75	ppb
Phosphorus	31-2	-17.27	-13.45	-14.49	-15.07		ppb
Potassium	39-2	18.88	16.16	14.69	16.58	12.81	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	0.40	0.31	0.00	0.24	87.74	ppb
Selenium	77-2	-0.05	0.12	0.45	0.17	148.82	ppb
Selenium	78-2	-0.12	-0.10	0.59	0.12	327.76	ppb
Silicon	28-1	-8.95	-8.20	-8.69	-8.61		ppb
Silver	107-1	0.16	0.17	0.13	0.15	12.87	ppb
Silver	109-1	0.16	0.16	0.13	0.15	12.67	ppb
Sodium	23-2	80.86	75.31	71.24	75.80	6.37	ppb
Strontium	86-1	3.05	2.13	1.95	2.38	24.78	ppb
Strontium	88-1	3.13	2.85	2.47	2.82	11.86	ppb
Sulfur	34-1	-629.76	-522.29	-526.27	-559.44		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.18	0.16	0.14	0.16	12.52	ppb
Thallium	205-1	0.17	0.16	0.14	0.16	9.09	ppb
Tin	118-1	0.09	0.09	0.07	0.08	16.30	ppb
Titanium	47-1	1.43	1.32	1.03	1.26	16.64	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P7
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:56:52	DataFile Name :	092CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.10	0.09	0.10	11.24	ppb
Vanadium	51-2	0.07	0.06	0.06	0.07	7.04	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	0.84	0.87	0.84	0.85	2.13	ppb
Zirconium	90-1	0.13	0.14	0.11	0.12	12.51	ppb
Zirconium	91-1	0.13	0.13	0.10	0.12	16.67	ppb

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:08:12	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	127	90	101	21.95	cps
Antimony	121-1	33	40	37	37	9.10	cps
Arsenic	75-2	3	13	7	8	65.47	cps
Barium	135-1	33	17	33	28	34.63	cps
Barium	137-1	70	60	63	64	7.90	cps
Beryllium	9-1	47	33	33	38	20.39	cps
Bismuth	209-1	8130270	8171166	8207628	8169688	0.47	cps
Bismuth	209-2	6906025	6830998	6722650	6819891	1.35	cps
Bromine	81-1	17247	16526	16920	16898	2.14	cps
Bromine	81-2	323	317	287	309	6.32	cps
Cadmium	108-1	13	10	7	10	33.30	cps
Cadmium	106-1	3267	3024	2840	3044	7.03	cps
Cadmium	111-1	2284	2113	2000	2133	6.71	cps
Calcium	43-1	327	383	367	359	8.12	cps
Calcium	44-1	9790	9837	9723	9783	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1323	1317	1503	1381	7.67	cps
Cobalt	59-2	157	153	167	159	4.37	cps
Copper	63-2	673	640	560	624	9.33	cps
Dysprosium	156-1	17	3	10	10	66.70	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	63	47	60	57	15.56	cps
Erbium	164-2	43	33	33	37	15.75	cps
Gadolinium	160-1	57	40	33	43	27.74	cps
Gadolinium	160-2	510	560	463	511	9.46	cps
Holmium	165-1	13688264	13521539	13462881	13557561	0.86	cps
Holmium	165-2	9705183	9705393	9527535	9646037	1.06	cps
Indium	115-1	11355518	11329194	11455728	11380147	0.59	cps
Indium	115-2	4235373	4285421	4257457	4259417	0.59	cps
Iron	56-2	19439	19413	19366	19406	0.19	cps
Iron	57-2	1130	1143	1253	1176	5.76	cps
Iron	54-2	2887	2787	2504	2726	7.30	cps
Krypton	83-1	210	257	193	220	14.92	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:08:12	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	487	363	390	413	15.70	cps
Lead	207-1	353	327	313	331	6.15	cps
Lead	208-1	1783	1583	1537	1635	8.02	cps
Lithium	6-1	1358664	1308544	1352478	1339895	2.04	cps
Magnesium	24-2	467	457	450	458	1.83	cps
Manganese	55-2	373	320	333	342	8.11	cps
Molybdenum	94-1	250	310	293	284	10.89	cps
Molybdenum	95-1	167	130	160	152	12.83	cps
Molybdenum	96-1	247	267	217	243	10.34	cps
Molybdenum	97-1	97	103	93	98	5.21	cps
Molybdenum	98-1	290	223	310	274	16.54	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	373	313	350	346	8.75	cps
Phosphorus	31-2	180	137	100	139	28.83	cps
Potassium	39-2	60871	62193	61082	61382	1.16	cps
Rhodium	103-1	10724749	10630375	10583390	10646171	0.68	cps
Rhodium	103-2	6455841	6478298	6503984	6479374	0.37	cps
Scandium	45-1	6115766	6128448	6160947	6135054	0.38	cps
Scandium	45-2	566040	570604	571031	569225	0.49	cps
Selenium	82-1	320	312	361	331	7.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	470	433	400	434	8.06	cps
Silicon	28-1	721139	724338	719013	721497	0.37	cps
Silver	107-1	93	77	87	86	9.80	cps
Silver	109-1	40	43	23	36	30.14	cps
Sodium	23-2	17884	17744	18248	17958	1.45	cps
Strontium	86-1	353	457	350	387	15.68	cps
Strontium	88-1	213	220	173	202	12.48	cps
Sulfur	34-1	202337	205978	203573	203963	0.91	cps
Terbium	159-1	13901007	13817544	13964004	13894185	0.53	cps
Terbium	159-2	9601619	9714675	9497745	9604679	1.13	cps
Thallium	203-1	153	140	170	154	9.73	cps
Thallium	205-1	270	313	253	279	11.10	cps
Tin	118-1	1433	1523	1427	1461	3.70	cps
Titanium	47-1	60	60	107	76	35.66	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:08:12	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	13	16	12.40	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Yttrium	89-1	13137081	12986190	13091761	13071677	0.59	cps
Yttrium	89-2	3677601	3639699	3704841	3674047	0.89	cps
Zinc	66-2	290	263	310	288	8.14	cps
Zirconium	90-1	617	543	720	627	14.16	cps
Zirconium	91-1	120	110	150	127	16.43	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:14:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6661	6511	6702	6625	1.51	cps
Antimony	121-1	26802	26618	26484	26635	0.60	cps
Arsenic	75-2	820	840	837	832	1.29	cps
Barium	135-1	33199	32494	33309	33000	1.34	cps
Barium	137-1	56833	56773	57164	56923	0.37	cps
Beryllium	9-1	1540	1540	1497	1526	1.64	cps
Bismuth	209-1	8374811	8227462	8170354	8257543	1.28	cps
Bismuth	209-2	6853974	6840176	6844505	6846218	0.10	cps
Bromine	81-1	16256	16636	16483	16458	1.16	cps
Bromine	81-2	233	220	243	232	5.04	cps
Cadmium	108-1	260	250	233	248	5.44	cps
Cadmium	106-1	3724	3320	3677	3574	6.17	cps
Cadmium	111-1	6371	6252	6288	6304	0.97	cps
Calcium	43-1	19135	18658	19079	18957	1.38	cps
Calcium	44-1	309702	306032	307244	307659	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13136	12832	13119	13029	1.31	cps
Cobalt	59-2	9847	9737	9757	9780	0.60	cps
Copper	63-2	13333	13109	13042	13161	1.16	cps
Dysprosium	156-1	10	13	20	14	35.26	cps
Dysprosium	156-2	23	13	7	14	58.06	cps
Erbium	164-1	67	50	63	60	14.70	cps
Erbium	164-2	43	30	50	41	24.77	cps
Gadolinium	160-1	53	63	40	52	22.41	cps
Gadolinium	160-2	550	593	530	558	5.80	cps
Holmium	165-1	13474243	13626995	13666970	13589403	0.75	cps
Holmium	165-2	9679105	9725275	9705278	9703219	0.24	cps
Indium	115-1	11425519	11279706	11283837	11329687	0.73	cps
Indium	115-2	4327770	4279310	4270374	4292485	0.72	cps
Iron	56-2	295143	295044	294089	294759	0.20	cps
Iron	57-2	8609	8206	8526	8447	2.52	cps
Iron	54-2	18138	18625	18375	18379	1.33	cps
Krypton	83-1	180	270	263	238	21.09	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:14:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10181	10217	9714	10037	2.80	cps
Lead	207-1	8643	8619	8453	8572	1.21	cps
Lead	208-1	39149	39466	39012	39209	0.59	cps
Lithium	6-1	1392959	1358956	1349987	1367301	1.66	cps
Magnesium	24-2	269127	267457	268438	268341	0.31	cps
Manganese	55-2	5264	5041	4878	5061	3.84	cps
Molybdenum	94-1	27790	27382	27159	27444	1.17	cps
Molybdenum	95-1	33786	33849	33726	33787	0.18	cps
Molybdenum	96-1	38220	38273	37023	37839	1.87	cps
Molybdenum	97-1	20915	21079	20605	20866	1.15	cps
Molybdenum	98-1	54264	54438	54518	54406	0.24	cps
Neodymium	150-1	3	0	7	3	100.05	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2890	2714	2564	2722	6.01	cps
Phosphorus	31-2	637	633	687	652	4.58	cps
Potassium	39-2	406693	405795	408548	407012	0.34	cps
Rhodium	103-1	10802246	10810106	10587390	10733247	1.18	cps
Rhodium	103-2	6452086	6516318	6426084	6464829	0.72	cps
Scandium	45-1	6259535	6167646	6102480	6176554	1.28	cps
Scandium	45-2	572518	573168	566821	570835	0.61	cps
Selenium	82-1	1529	1391	1369	1429	6.07	cps
Selenium	77-2	137	130	117	128	7.97	cps
Selenium	78-2	893	870	960	908	5.14	cps
Silicon	28-1	755871	751593	752219	753227	0.31	cps
Silver	107-1	17287	17007	16690	16994	1.76	cps
Silver	109-1	16256	15872	16223	16117	1.32	cps
Sodium	23-2	426281	428866	427894	427681	0.31	cps
Strontium	86-1	4637	4831	4581	4683	2.80	cps
Strontium	88-1	37364	36946	37043	37118	0.59	cps
Sulfur	34-1	207742	207343	208928	208004	0.40	cps
Terbium	159-1	14170176	14073906	14016674	14086918	0.55	cps
Terbium	159-2	9646721	9651265	9686791	9661593	0.23	cps
Thallium	203-1	12149	11922	12129	12067	1.04	cps
Thallium	205-1	28597	28510	27802	28303	1.54	cps
Tin	118-1	57317	57434	56082	56944	1.32	cps
Titanium	47-1	8469	8492	8252	8405	1.58	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:14:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33573	34315	33646	33844	1.21	cps
Vanadium	51-2	26169	25635	25755	25853	1.08	cps
Yttrium	89-1	13011213	13058293	12979799	13016435	0.30	cps
Yttrium	89-2	3689436	3694180	3668064	3683893	0.38	cps
Zinc	66-2	5981	5601	5901	5828	3.44	cps
Zirconium	90-1	23118	22905	23132	23051	0.55	cps
Zirconium	91-1	5014	5248	4928	5063	3.27	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:18:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	301347	298682	295448	298492	0.99	cps
Antimony	121-1	610081	607213	609277	608857	0.24	cps
Arsenic	75-2	34804	33989	33361	34051	2.13	cps
Barium	135-1	769613	773143	767156	769971	0.39	cps
Barium	137-1	1318305	1318312	1318396	1318338	0.00	cps
Beryllium	9-1	70432	69652	70623	70235	0.73	cps
Bismuth	209-1	8351731	8297162	8198679	8282524	0.94	cps
Bismuth	209-2	6844442	6836014	6798156	6826204	0.36	cps
Bromine	81-1	16579	16169	16166	16305	1.46	cps
Bromine	81-2	160	153	147	153	4.35	cps
Cadmium	108-1	12312	12232	12292	12279	0.34	cps
Cadmium	106-1	20671	20228	19874	20258	1.97	cps
Cadmium	111-1	185853	183404	183533	184263	0.75	cps
Calcium	43-1	170853	169603	169383	169946	0.47	cps
Calcium	44-1	2662751	2618458	2680703	2653971	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260163	261398	259561	260374	0.36	cps
Cobalt	59-2	406530	407607	404771	406302	0.35	cps
Copper	63-2	3091540	3073681	3000482	3055234	1.58	cps
Dysprosium	156-1	47	27	20	31	44.61	cps
Dysprosium	156-2	70	53	17	47	58.46	cps
Erbium	164-1	67	90	47	68	32.00	cps
Erbium	164-2	57	60	33	50	29.06	cps
Gadolinium	160-1	27	37	63	42	44.88	cps
Gadolinium	160-2	570	553	580	568	2.37	cps
Holmium	165-1	13657953	13410382	13729172	13599169	1.23	cps
Holmium	165-2	9867104	9743423	9614538	9741688	1.30	cps
Indium	115-1	11485983	11234521	11075497	11265333	1.84	cps
Indium	115-2	4168375	4220989	4119178	4169514	1.22	cps
Iron	56-2	12414820	12306823	12298573	12340072	0.53	cps
Iron	57-2	313988	312823	313095	313302	0.19	cps
Iron	54-2	693013	695100	688867	692327	0.46	cps
Krypton	83-1	223	193	200	206	7.66	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:18:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2392455	2432952	2405007	2410138	0.86	cps
Lead	207-1	2113156	2107537	2109330	2110008	0.14	cps
Lead	208-1	9651323	9635587	9669576	9652162	0.18	cps
Lithium	6-1	1406127	1387709	1371188	1388342	1.26	cps
Magnesium	24-2	2384593	2363382	2349562	2365846	0.75	cps
Manganese	55-2	2116000	2094855	2092320	2101058	0.62	cps
Molybdenum	94-1	2223770	2179319	2193276	2198788	1.03	cps
Molybdenum	95-1	3174218	3155206	3142225	3157217	0.51	cps
Molybdenum	96-1	3517239	3441482	3399647	3452789	1.73	cps
Molybdenum	97-1	2005445	1972107	1976226	1984592	0.92	cps
Molybdenum	98-1	5150531	5073685	5071220	5098479	0.88	cps
Neodymium	150-1	50	47	60	52	13.28	cps
Neodymium	150-2	7	17	17	13	43.29	cps
Nickel	60-2	104380	103561	104299	104080	0.43	cps
Phosphorus	31-2	15174	14861	15198	15078	1.25	cps
Potassium	39-2	1611461	1609109	1579787	1600119	1.10	cps
Rhodium	103-1	10741329	10506876	10467592	10571933	1.40	cps
Rhodium	103-2	6370414	6403012	6322972	6365466	0.63	cps
Scandium	45-1	6117503	6036152	6008446	6054034	0.94	cps
Scandium	45-2	563192	559131	562105	561476	0.37	cps
Selenium	82-1	10182	10507	10382	10357	1.58	cps
Selenium	77-2	1183	1097	1207	1162	4.99	cps
Selenium	78-2	4221	4181	4201	4201	0.48	cps
Silicon	28-1	1685986	1658411	1629392	1657929	1.71	cps
Silver	107-1	816864	820409	811074	816116	0.58	cps
Silver	109-1	785626	782303	779003	782311	0.42	cps
Sodium	23-2	3917774	3895124	3863635	3892178	0.70	cps
Strontium	86-1	190182	191488	190944	190871	0.34	cps
Strontium	88-1	1767423	1713667	1710579	1730556	1.85	cps
Sulfur	34-1	249203	249064	247333	248533	0.42	cps
Terbium	159-1	14078863	13806559	13951874	13945765	0.98	cps
Terbium	159-2	9593958	9619701	9565849	9593169	0.28	cps
Thallium	203-1	557661	559803	569485	562316	1.12	cps
Thallium	205-1	1334706	1333854	1334615	1334392	0.04	cps
Tin	118-1	509609	510891	505770	508757	0.52	cps
Titanium	47-1	774456	768424	762588	768489	0.77	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:18:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1727118	1592810	1731690	1683873	4.69	cps
Vanadium	51-2	231675	227516	224596	227929	1.56	cps
Yttrium	89-1	13236017	12764025	12835787	12945276	1.96	cps
Yttrium	89-2	3627064	3620674	3572877	3606872	0.82	cps
Zinc	66-2	498880	495439	489769	494696	0.93	cps
Zirconium	90-1	1036229	1037335	1037279	1036948	0.06	cps
Zirconium	91-1	231167	230461	230283	230637	0.20	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:21:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	657463	653700	654703	655288	0.30	cps
Antimony	121-1	1371491	1377433	1378058	1375661	0.26	cps
Arsenic	75-2	75330	74348	74509	74729	0.70	cps
Barium	135-1	1836431	1823436	1824476	1828114	0.40	cps
Barium	137-1	3147764	3149127	3115059	3137317	0.61	cps
Beryllium	9-1	163197	163702	165888	164262	0.87	cps
Bismuth	209-1	8353042	8151144	8318660	8274282	1.31	cps
Bismuth	209-2	6835951	6760424	6800175	6798850	0.56	cps
Bromine	81-1	15291	15034	14631	14985	2.22	cps
Bromine	81-2	147	143	103	131	18.40	cps
Cadmium	108-1	27149	26932	27232	27104	0.57	cps
Cadmium	106-1	41549	41462	40747	41253	1.07	cps
Cadmium	111-1	416475	418083	416712	417090	0.21	cps
Calcium	43-1	382817	378432	378915	380055	0.63	cps
Calcium	44-1	5932700	5873265	5898268	5901411	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	568451	567135	564109	566565	0.39	cps
Cobalt	59-2	888176	882755	879048	883326	0.52	cps
Copper	63-2	6684892	6758264	6655776	6699644	0.79	cps
Dysprosium	156-1	23	40	67	43	50.45	cps
Dysprosium	156-2	93	67	73	78	17.84	cps
Erbium	164-1	53	57	80	63	22.94	cps
Erbium	164-2	63	60	53	59	8.65	cps
Gadolinium	160-1	60	53	80	64	21.54	cps
Gadolinium	160-2	530	590	530	550	6.30	cps
Holmium	165-1	13776468	13397304	13487416	13553729	1.46	cps
Holmium	165-2	9750438	9615777	9555939	9640718	1.03	cps
Indium	115-1	11088744	10709872	10806972	10868529	1.81	cps
Indium	115-2	4096963	4022326	4006647	4041979	1.19	cps
Iron	56-2	27114542	26865290	26880301	26953378	0.52	cps
Iron	57-2	688730	688777	682054	686520	0.56	cps
Iron	54-2	1505821	1508477	1496884	1503727	0.40	cps
Krypton	83-1	213	217	213	214	0.90	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:21:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5572078	5601531	5679051	5617553	0.98	cps
Lead	207-1	4920511	4925674	4958037	4934740	0.41	cps
Lead	208-1	22394221	22433851	22561802	22463292	0.39	cps
Lithium	6-1	1442437	1459418	1479453	1460436	1.27	cps
Magnesium	24-2	5168620	5194763	5107368	5156917	0.87	cps
Manganese	55-2	4614978	4692982	4555516	4621159	1.49	cps
Molybdenum	94-1	4935039	4896074	4894441	4908518	0.47	cps
Molybdenum	95-1	7110621	7125602	7034129	7090117	0.69	cps
Molybdenum	96-1	7734959	7707026	7774200	7738728	0.44	cps
Molybdenum	97-1	4499415	4443500	4395593	4446169	1.17	cps
Molybdenum	98-1	11570029	11536372	11247889	11451430	1.55	cps
Neodymium	150-1	113	117	73	101	23.85	cps
Neodymium	150-2	27	30	13	23	37.81	cps
Nickel	60-2	226244	225280	224949	225491	0.30	cps
Phosphorus	31-2	31860	31856	31659	31792	0.36	cps
Potassium	39-2	3440048	3394657	3366206	3400304	1.10	cps
Rhodium	103-1	10332093	10073286	10157608	10187662	1.30	cps
Rhodium	103-2	6221685	6022514	6080272	6108157	1.68	cps
Scandium	45-1	6003654	5839914	5847425	5896998	1.57	cps
Scandium	45-2	538846	527040	528231	531372	1.22	cps
Selenium	82-1	22628	22300	22541	22490	0.75	cps
Selenium	77-2	2470	2400	2337	2402	2.78	cps
Selenium	78-2	8479	8546	8573	8533	0.56	cps
Silicon	28-1	2496124	2478952	2485178	2486751	0.35	cps
Silver	107-1	1897823	1884085	1886939	1889616	0.38	cps
Silver	109-1	1859404	1822263	1802157	1827942	1.59	cps
Sodium	23-2	8591102	8526414	8407366	8508294	1.10	cps
Strontium	86-1	429919	429707	428926	429517	0.12	cps
Strontium	88-1	3916694	3920955	3854878	3897509	0.95	cps
Sulfur	34-1	298606	296208	293907	296240	0.79	cps
Terbium	159-1	13896632	13759054	13833767	13829817	0.50	cps
Terbium	159-2	9565699	9526868	9459552	9517373	0.56	cps
Thallium	203-1	1294482	1296207	1295426	1295372	0.07	cps
Thallium	205-1	3353219	3351626	3358646	3354497	0.11	cps
Tin	118-1	1141886	1148114	1142490	1144164	0.30	cps
Titanium	47-1	1718216	1721695	1709610	1716507	0.36	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:21:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4123169	4054708	4129625	4102500	1.01	cps
Vanadium	51-2	504237	498194	498034	500155	0.71	cps
Yttrium	89-1	12875140	12614064	12446495	12645233	1.71	cps
Yttrium	89-2	3491073	3406547	3419719	3439113	1.32	cps
Zinc	66-2	1086122	1078397	1083481	1082667	0.36	cps
Zirconium	90-1	2404334	2400943	2366326	2390534	0.88	cps
Zirconium	91-1	519920	513819	516630	516789	0.59	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:24:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1377227	1385254	1378482	1380321	0.31	cps
Antimony	121-1	3062346	3071017	3058794	3064053	0.21	cps
Arsenic	75-2	155484	152581	152151	153405	1.18	cps
Barium	135-1	3897164	3936538	3816094	3883265	1.58	cps
Barium	137-1	6714567	6677551	6560056	6650725	1.21	cps
Beryllium	9-1	352506	355875	353971	354117	0.48	cps
Bismuth	209-1	8288025	8241989	8213185	8247733	0.46	cps
Bismuth	209-2	6683649	6730226	6637987	6683954	0.69	cps
Bromine	81-1	13850	13676	13490	13672	1.32	cps
Bromine	81-2	140	140	167	149	10.34	cps
Cadmium	108-1	55964	56178	55218	55787	0.90	cps
Cadmium	106-1	84038	83448	81621	83036	1.52	cps
Cadmium	111-1	874438	868704	865619	869587	0.51	cps
Calcium	43-1	794455	792563	786210	791076	0.55	cps
Calcium	44-1	12427022	12274125	12233615	12311587	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1161021	1165225	1157906	1161384	0.32	cps
Cobalt	59-2	1872766	1864348	1857736	1864950	0.40	cps
Copper	63-2	13668744	13603213	13593786	13621915	0.30	cps
Dysprosium	156-1	60	63	57	60	5.55	cps
Dysprosium	156-2	250	160	227	212	22.01	cps
Erbium	164-1	60	63	97	73	27.65	cps
Erbium	164-2	50	57	53	53	6.25	cps
Gadolinium	160-1	70	53	60	61	13.73	cps
Gadolinium	160-2	617	607	523	582	8.80	cps
Holmium	165-1	13675720	13372714	13528230	13525554	1.12	cps
Holmium	165-2	9621496	9609696	9398135	9543109	1.32	cps
Indium	115-1	10561038	10494233	10421793	10492355	0.66	cps
Indium	115-2	3933213	3889677	3818245	3880378	1.50	cps
Iron	56-2	55894161	55397816	55819243	55703740	0.48	cps
Iron	57-2	1399461	1397493	1401373	1399442	0.14	cps
Iron	54-2	3079537	3090171	3113447	3094385	0.56	cps
Krypton	83-1	187	153	173	171	9.80	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:24:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12076641	12252463	12201390	12176831	0.74	cps
Lead	207-1	10698990	10730052	10704635	10711226	0.15	cps
Lead	208-1	48609077	48711495	48867710	48729427	0.27	cps
Lithium	6-1	1492878	1500967	1485893	1493246	0.51	cps
Magnesium	24-2	10735139	10690076	10773164	10732793	0.39	cps
Manganese	55-2	9594858	9515786	9645204	9585283	0.68	cps
Molybdenum	94-1	10233140	10274897	10298305	10268781	0.32	cps
Molybdenum	95-1	14713630	14806759	14788041	14769477	0.33	cps
Molybdenum	96-1	16399559	16222966	16509274	16377267	0.88	cps
Molybdenum	97-1	9292589	9333176	9219605	9281790	0.62	cps
Molybdenum	98-1	24155531	23878175	23958077	23997261	0.59	cps
Neodymium	150-1	213	250	203	222	11.05	cps
Neodymium	150-2	50	40	53	48	14.52	cps
Nickel	60-2	460778	460061	460177	460339	0.08	cps
Phosphorus	31-2	65693	65322	64934	65316	0.58	cps
Potassium	39-2	6893525	6838889	6876641	6869685	0.41	cps
Rhodium	103-1	9927417	9735966	9637135	9766839	1.51	cps
Rhodium	103-2	5900155	5925894	5903542	5909864	0.24	cps
Scandium	45-1	5806351	5620469	5613350	5680056	1.93	cps
Scandium	45-2	506285	500225	501120	502543	0.65	cps
Selenium	82-1	46537	46183	46319	46346	0.39	cps
Selenium	77-2	4951	5044	5054	5016	1.14	cps
Selenium	78-2	17170	17133	17293	17199	0.49	cps
Silicon	28-1	4116015	4113282	4068486	4099261	0.65	cps
Silver	107-1	3997285	3988110	3913765	3966387	1.15	cps
Silver	109-1	3798416	3786940	3750072	3778476	0.67	cps
Sodium	23-2	17784573	17550202	17748638	17694471	0.71	cps
Strontium	86-1	905021	895661	893111	897931	0.70	cps
Strontium	88-1	8062971	8023516	8032122	8039536	0.26	cps
Sulfur	34-1	398812	394541	390450	394601	1.06	cps
Terbium	159-1	13845972	13794035	13503592	13714533	1.35	cps
Terbium	159-2	9466330	9502195	9446239	9471588	0.30	cps
Thallium	203-1	3081721	3112664	3047571	3080652	1.06	cps
Thallium	205-1	7275618	7327293	7253657	7285523	0.52	cps
Tin	118-1	2579846	2527586	2489221	2532218	1.80	cps
Titanium	47-1	3554340	3661110	3584249	3599900	1.53	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:24:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8888128	8997687	8949435	8945084	0.61	cps
Vanadium	51-2	1027843	1026326	1032328	1028832	0.30	cps
Yttrium	89-1	12372061	12021551	11977422	12123678	1.78	cps
Yttrium	89-2	3360837	3347893	3315419	3341383	0.70	cps
Zinc	66-2	2310772	2339538	2287117	2312476	1.14	cps
Zirconium	90-1	4980933	4881004	4914094	4925344	1.03	cps
Zirconium	91-1	1077307	1087828	1075595	1080244	0.61	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:26:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2630943	2628587	2626994	2628841	0.08	cps
Antimony	121-1	5922969	6002700	5915045	5946905	0.82	cps
Arsenic	75-2	293653	292134	293786	293191	0.31	cps
Barium	135-1	7536083	7571809	7428978	7512290	0.99	cps
Barium	137-1	12854459	12972231	12849411	12892034	0.54	cps
Beryllium	9-1	679208	689528	690458	686398	0.91	cps
Bismuth	209-1	8315331	8362469	8271459	8316420	0.55	cps
Bismuth	209-2	6644710	6780133	6658966	6694603	1.11	cps
Bromine	81-1	13376	13129	12966	13157	1.57	cps
Bromine	81-2	130	130	117	126	6.13	cps
Cadmium	108-1	108838	108834	107994	108555	0.45	cps
Cadmium	106-1	155694	156314	156170	156059	0.21	cps
Cadmium	111-1	1667412	1684802	1682272	1678162	0.56	cps
Calcium	43-1	1481441	1478499	1461202	1473714	0.74	cps
Calcium	44-1	23767891	23818440	23335231	23640521	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2245895	2252116	2267176	2255062	0.49	cps
Cobalt	59-2	3548292	3529121	3556635	3544683	0.40	cps
Copper	63-2	25490005	25925815	25844218	25753346	0.90	cps
Dysprosium	156-1	117	147	127	130	11.75	cps
Dysprosium	156-2	360	363	367	363	0.92	cps
Erbium	164-1	87	147	103	112	27.60	cps
Erbium	164-2	80	107	80	89	17.32	cps
Gadolinium	160-1	113	100	80	98	17.16	cps
Gadolinium	160-2	627	540	500	556	11.65	cps
Holmium	165-1	13536960	13450090	13159436	13382162	1.48	cps
Holmium	165-2	9421926	9568120	9442895	9477647	0.83	cps
Indium	115-1	10294583	10144152	10086273	10175003	1.06	cps
Indium	115-2	3752515	3776400	3784786	3771234	0.44	cps
Iron	56-2	106977615	106886888	106433378	106765961	0.27	cps
Iron	57-2	2661323	2699229	2672655	2677736	0.73	cps
Iron	54-2	5881832	5847923	5924414	5884723	0.65	cps
Krypton	83-1	187	153	213	184	16.30	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:26:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24154744	24258583	24374663	24262663	0.45	cps
Lead	207-1	21075121	21373067	21220148	21222779	0.70	cps
Lead	208-1	95853144	97572689	97578029	97001287	1.03	cps
Lithium	6-1	1492010	1488485	1498246	1492914	0.33	cps
Magnesium	24-2	20544248	20278705	20640986	20487980	0.92	cps
Manganese	55-2	18335694	18593773	18221227	18383565	1.04	cps
Molybdenum	94-1	20092411	20143946	19780672	20005677	0.98	cps
Molybdenum	95-1	28690464	28690940	28236806	28539403	0.92	cps
Molybdenum	96-1	31624695	31560654	31380877	31522075	0.40	cps
Molybdenum	97-1	18196214	18184512	18046618	18142448	0.46	cps
Molybdenum	98-1	46651393	46835979	46075633	46521002	0.85	cps
Neodymium	150-1	420	357	393	390	8.15	cps
Neodymium	150-2	123	77	97	99	23.67	cps
Nickel	60-2	863265	861322	862233	862273	0.11	cps
Phosphorus	31-2	123610	124114	124121	123949	0.24	cps
Potassium	39-2	13062221	13069374	13089701	13073766	0.11	cps
Rhodium	103-1	9513776	9339537	9323957	9392423	1.12	cps
Rhodium	103-2	5646437	5702476	5645385	5664766	0.58	cps
Scandium	45-1	5495800	5401430	5365974	5421068	1.24	cps
Scandium	45-2	482785	483769	485907	484154	0.33	cps
Selenium	82-1	88818	87598	88477	88298	0.71	cps
Selenium	77-2	9800	9657	9747	9734	0.74	cps
Selenium	78-2	32539	31908	32836	32428	1.46	cps
Silicon	28-1	7020738	6939213	6893937	6951296	0.92	cps
Silver	107-1	7686726	7578184	7559870	7608260	0.90	cps
Silver	109-1	7281342	7218972	7176708	7225674	0.73	cps
Sodium	23-2	33724679	33658282	34067289	33816750	0.65	cps
Strontium	86-1	1781891	1788544	1804877	1791771	0.66	cps
Strontium	88-1	15473092	15780964	15568022	15607359	1.01	cps
Sulfur	34-1	577457	577228	569854	574846	0.75	cps
Terbium	159-1	13841184	13774938	13645997	13754040	0.72	cps
Terbium	159-2	9274692	9429940	9288550	9331061	0.92	cps
Thallium	203-1	6123045	6084647	6091352	6099681	0.34	cps
Thallium	205-1	14356354	14597923	14466619	14473632	0.84	cps
Tin	118-1	4901879	4941758	4788995	4877544	1.62	cps
Titanium	47-1	6878918	6894432	6817656	6863669	0.59	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:26:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18022698	18328492	18330918	18227369	0.97	cps
Vanadium	51-2	1998428	1973991	1989800	1987406	0.62	cps
Yttrium	89-1	12044635	11556096	11741580	11780770	2.09	cps
Yttrium	89-2	3247342	3302965	3234007	3261438	1.12	cps
Zinc	66-2	4328664	4421858	4418658	4389727	1.21	cps
Zirconium	90-1	9666658	9784908	9600317	9683961	0.97	cps
Zirconium	91-1	2121517	2157259	2070684	2116486	2.06	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:29:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5165471	5272671	5252299	5230147	1.09	cps
Antimony	121-1	11666455	11934759	11843642	11814952	1.15	cps
Arsenic	75-2	585448	583953	583068	584156	0.21	cps
Barium	135-1	15046297	15340176	15311101	15232525	1.06	cps
Barium	137-1	25775856	26198544	26077897	26017432	0.84	cps
Beryllium	9-1	1331886	1369702	1375734	1359107	1.75	cps
Bismuth	209-1	8173226	8173434	8216515	8187725	0.30	cps
Bismuth	209-2	6605729	6634533	6664751	6635004	0.44	cps
Bromine	81-1	12025	12522	12118	12222	2.16	cps
Bromine	81-2	103	93	123	107	14.32	cps
Cadmium	108-1	208149	212352	211168	210556	1.03	cps
Cadmium	106-1	300448	302280	302065	301597	0.33	cps
Cadmium	111-1	3379423	3459403	3441684	3426837	1.23	cps
Calcium	43-1	2830885	2853781	2892198	2858955	1.08	cps
Calcium	44-1	46203979	46429181	46812189	46481783	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4468374	4462471	4427235	4452693	0.50	cps
Cobalt	59-2	6991084	6967322	6902584	6953664	0.66	cps
Copper	63-2	51122414	51370099	50088128	50860214	1.34	cps
Dysprosium	156-1	230	217	263	237	10.16	cps
Dysprosium	156-2	813	753	703	757	7.28	cps
Erbium	164-1	147	190	200	179	15.85	cps
Erbium	164-2	123	97	167	129	27.41	cps
Gadolinium	160-1	160	113	127	133	18.03	cps
Gadolinium	160-2	593	597	513	568	8.31	cps
Holmium	165-1	13315315	13496699	13410172	13407395	0.68	cps
Holmium	165-2	9518842	9515620	9560018	9531494	0.26	cps
Indium	115-1	9985945	9930260	9901788	9939331	0.43	cps
Indium	115-2	3677872	3717791	3637759	3677807	1.09	cps
Iron	56-2	210869250	210284177	207948250	209700559	0.74	cps
Iron	57-2	5348975	5356181	5246482	5317213	1.15	cps
Iron	54-2	11565835	11543502	11630156	11579831	0.39	cps
Krypton	83-1	203	230	227	220	6.60	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:29:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	47234581	49268878	48813941	48439133	2.20	cps
Lead	207-1	41569588	42231929	42441956	42081158	1.08	cps
Lead	208-1	189659317	193618052	194538492	192605287	1.35	cps
Lithium	6-1	1475800	1508938	1479721	1488153	1.22	cps
Magnesium	24-2	40434097	40428721	40479734	40447517	0.07	cps
Manganese	55-2	36195703	36350598	36032992	36193098	0.44	cps
Molybdenum	94-1	38989904	39510964	40366901	39622589	1.75	cps
Molybdenum	95-1	56104901	56469006	57481587	56685165	1.26	cps
Molybdenum	96-1	62248411	62312797	62741427	62434212	0.43	cps
Molybdenum	97-1	35476544	36034042	36022617	35844401	0.89	cps
Molybdenum	98-1	91694392	92753279	92770159	92405943	0.67	cps
Neodymium	150-1	587	740	677	668	11.54	cps
Neodymium	150-2	157	140	223	173	25.44	cps
Nickel	60-2	1762358	1802277	1747834	1770823	1.59	cps
Phosphorus	31-2	244047	244272	242549	243622	0.38	cps
Potassium	39-2	25806275	26022798	25650658	25826577	0.72	cps
Rhodium	103-1	9012954	9126049	8930229	9023078	1.09	cps
Rhodium	103-2	5562168	5609347	5531079	5567531	0.71	cps
Scandium	45-1	5362303	5339810	5305532	5335882	0.54	cps
Scandium	45-2	485317	483433	482232	483661	0.32	cps
Selenium	82-1	170092	170561	171721	170791	0.49	cps
Selenium	77-2	18936	19383	18872	19063	1.46	cps
Selenium	78-2	62873	63016	62595	62828	0.34	cps
Silicon	28-1	13046761	13014645	13081679	13047695	0.26	cps
Silver	107-1	14639639	14843161	14706780	14729860	0.70	cps
Silver	109-1	13907955	14146699	14170926	14075193	1.03	cps
Sodium	23-2	66843232	67107062	66979212	66976502	0.20	cps
Strontium	86-1	3460699	3542326	3547795	3516940	1.39	cps
Strontium	88-1	30682817	31209031	31087379	30993076	0.89	cps
Sulfur	34-1	947308	961092	963149	957183	0.90	cps
Terbium	159-1	13748594	13997201	13647424	13797740	1.30	cps
Terbium	159-2	9434522	9502288	9379093	9438634	0.65	cps
Thallium	203-1	11852618	12104076	12273971	12076889	1.76	cps
Thallium	205-1	28746635	29197062	29087383	29010360	0.81	cps
Tin	118-1	9571308	9783178	9674805	9676430	1.09	cps
Titanium	47-1	13241200	13472819	13510647	13408222	1.09	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:29:33	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36317124	37625970	36936894	36959996	1.77	cps
Vanadium	51-2	3946121	3980890	3964055	3963688	0.44	cps
Yttrium	89-1	11773418	11663820	11495274	11644171	1.20	cps
Yttrium	89-2	3255852	3207907	3187807	3217189	1.09	cps
Zinc	66-2	8475069	8650395	8574129	8566531	1.03	cps
Zirconium	90-1	18971141	19308422	19414057	19231207	1.20	cps
Zirconium	91-1	4188762	4283484	4317780	4263342	1.57	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:32:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27244415	27192175	27139597	27192063	0.19	cps
Antimony	121-1	6632	6445	6001	6359	5.09	cps
Arsenic	75-2	383	380	340	368	6.56	cps
Barium	135-1	7575	7229	6465	7090	8.01	cps
Barium	137-1	12415	12189	11785	12130	2.63	cps
Beryllium	9-1	483	393	387	421	12.82	cps
Bismuth	209-1	7177663	7064862	7061324	7101283	0.93	cps
Bismuth	209-2	5838890	5697181	5862387	5799486	1.54	cps
Bromine	81-1	12632	12756	12662	12683	0.51	cps
Bromine	81-2	157	117	137	137	14.63	cps
Cadmium	108-1	120	107	113	113	5.88	cps
Cadmium	106-1	3040	2847	2850	2913	3.80	cps
Cadmium	111-1	3028	2726	2657	2803	7.03	cps
Calcium	43-1	13995166	13993991	14010471	13999876	0.07	cps
Calcium	44-1	226416777	226694970	225315843	226142530	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8854	7692	7105	7884	11.29	cps
Cobalt	59-2	18745	18959	18959	18888	0.65	cps
Copper	63-2	10921	9997	9116	10011	9.01	cps
Dysprosium	156-1	407	430	427	421	3.00	cps
Dysprosium	156-2	333	347	350	343	2.57	cps
Erbium	164-1	487	490	500	492	1.41	cps
Erbium	164-2	323	400	353	359	10.77	cps
Gadolinium	160-1	413	430	443	429	3.51	cps
Gadolinium	160-2	850	893	843	862	3.15	cps
Holmium	165-1	12917470	12755320	12630934	12767908	1.13	cps
Holmium	165-2	9064609	9080812	8972649	9039357	0.65	cps
Indium	115-1	9432887	9214912	9137073	9261624	1.66	cps
Indium	115-2	3579365	3579590	3599680	3586212	0.33	cps
Iron	56-2	1025623078	1028956571	1021474358	1025351336	0.37	cps
Iron	57-2	26100876	26091598	26072261	26088245	0.06	cps
Iron	54-2	56284857	56434827	56135379	56285021	0.27	cps
Krypton	83-1	210	177	230	206	13.11	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:32:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13850	13003	11835	12896	7.85	cps
Lead	207-1	12132	11278	10477	11296	7.33	cps
Lead	208-1	55004	51101	47436	51180	7.39	cps
Lithium	6-1	1368306	1339943	1399546	1369265	2.18	cps
Magnesium	24-2	218052790	214969523	217675477	216899263	0.78	cps
Manganese	55-2	18008	17413	16619	17347	4.01	cps
Molybdenum	94-1	13583	12275	11141	12333	9.91	cps
Molybdenum	95-1	14184	13036	11344	12855	11.11	cps
Molybdenum	96-1	24320	23486	21906	23237	5.28	cps
Molybdenum	97-1	8919	8026	7185	8043	10.78	cps
Molybdenum	98-1	22174	20348	17864	20129	10.75	cps
Neodymium	150-1	260	267	203	243	14.30	cps
Neodymium	150-2	167	153	137	152	9.87	cps
Nickel	60-2	6258	6401	6351	6337	1.15	cps
Phosphorus	31-2	237	203	253	231	11.02	cps
Potassium	39-2	132701578	132998901	133800908	133167129	0.43	cps
Rhodium	103-1	8372053	8210288	8193076	8258472	1.20	cps
Rhodium	103-2	5095893	5078260	5085804	5086652	0.17	cps
Scandium	45-1	5322167	5244081	5266433	5277560	0.76	cps
Scandium	45-2	489694	487617	488372	488561	0.22	cps
Selenium	82-1	505	454	401	453	11.47	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	420	373	433	409	7.71	cps
Silicon	28-1	644452	643568	637791	641937	0.56	cps
Silver	107-1	3657	3380	3044	3360	9.14	cps
Silver	109-1	3564	3410	2864	3279	11.22	cps
Sodium	23-2	343665928	341167022	342324328	342385759	0.37	cps
Strontium	86-1	10501	10477	9963	10314	2.94	cps
Strontium	88-1	91325	89543	88413	89761	1.64	cps
Sulfur	34-1	158633	162803	166108	162515	2.30	cps
Terbium	159-1	13276259	12851861	12888608	13005576	1.81	cps
Terbium	159-2	8877409	8896110	8908184	8893901	0.17	cps
Thallium	203-1	2444	1997	1790	2077	16.08	cps
Thallium	205-1	5635	4831	4074	4846	16.10	cps
Tin	118-1	4704	4414	4141	4420	6.38	cps
Titanium	47-1	3210	3020	2450	2894	13.67	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 16:32:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6395	5618	4541	5518	16.87	cps
Vanadium	51-2	937	910	793	880	8.66	cps
Yttrium	89-1	11405662	11133451	11307377	11282163	1.22	cps
Yttrium	89-2	3226198	3193986	3162800	3194328	0.99	cps
Zinc	66-2	6892	6868	6735	6832	1.24	cps
Zirconium	90-1	13716	13073	12739	13176	3.77	cps
Zirconium	91-1	3040	3057	2854	2984	3.78	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:01:52	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145505	146767	145545	145939	0.49	cps
Antimony	121-1	2576271	2587984	2573119	2579124	0.30	cps
Arsenic	75-2	137729	137923	135928	137193	0.80	cps
Barium	135-1	310883	313183	307836	310634	0.86	cps
Barium	137-1	534238	535642	536185	535355	0.19	cps
Beryllium	9-1	150252	151712	149599	150521	0.72	cps
Bismuth	209-1	8653151	8394666	8283363	8443726	2.25	cps
Bismuth	209-2	7003925	6898346	6903548	6935273	0.86	cps
Bromine	81-1	13870	14184	13987	14013	1.13	cps
Bromine	81-2	287	327	340	318	8.73	cps
Cadmium	108-1	21753	21433	21579	21588	0.74	cps
Cadmium	106-1	32807	31968	32296	32357	1.31	cps
Cadmium	111-1	326871	328864	327358	327698	0.32	cps
Calcium	43-1	65045	65380	65259	65228	0.26	cps
Calcium	44-1	1057851	1064981	1056557	1059796	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523221	524264	521077	522854	0.31	cps
Cobalt	59-2	808131	815968	810814	811638	0.49	cps
Copper	63-2	559915	555663	557414	557664	0.38	cps
Dysprosium	156-1	10	7	10	9	21.63	cps
Dysprosium	156-2	13	27	23	21	32.88	cps
Erbium	164-1	23	40	40	34	27.94	cps
Erbium	164-2	23	40	40	34	27.94	cps
Gadolinium	160-1	53	43	57	51	13.58	cps
Gadolinium	160-2	597	567	500	554	8.92	cps
Holmium	165-1	13668285	13614222	13521462	13601323	0.55	cps
Holmium	165-2	9847202	9614576	9617417	9693065	1.38	cps
Indium	115-1	10964048	10854743	10767959	10862250	0.90	cps
Indium	115-2	4157905	4176181	4124927	4153005	0.63	cps
Iron	56-2	9565549	9579150	9650698	9598466	0.48	cps
Iron	57-2	245877	245879	246429	246062	0.13	cps
Iron	54-2	555484	552667	555467	554539	0.29	cps
Krypton	83-1	197	203	190	197	3.39	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:01:52	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2118419	2087881	2053622	2086641	1.55	cps
Lead	207-1	1606429	1582339	1593628	1594132	0.76	cps
Lead	208-1	8053509	7916097	7925463	7965023	0.96	cps
Lithium	6-1	1508456	1521034	1518024	1515838	0.43	cps
Magnesium	24-2	546400	548438	548029	547622	0.20	cps
Manganese	55-2	412948	413106	415141	413732	0.30	cps
Molybdenum	94-1	460	413	507	460	10.15	cps
Molybdenum	95-1	273	283	277	278	1.83	cps
Molybdenum	96-1	563	523	423	503	14.33	cps
Molybdenum	97-1	173	153	193	173	11.54	cps
Molybdenum	98-1	480	400	433	438	9.18	cps
Neodymium	150-1	30	13	13	19	50.96	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	208651	209121	207058	208277	0.52	cps
Phosphorus	31-2	167	157	167	163	3.53	cps
Potassium	39-2	1223105	1197543	1230950	1217199	1.44	cps
Rhodium	103-1	10443573	10054092	10132869	10210178	2.02	cps
Rhodium	103-2	6228334	6281092	6164032	6224486	0.94	cps
Scandium	45-1	5923718	5899571	5801978	5875089	1.10	cps
Scandium	45-2	544515	535716	539165	539799	0.82	cps
Selenium	82-1	40402	40900	40620	40641	0.61	cps
Selenium	77-2	4494	4474	4417	4462	0.89	cps
Selenium	78-2	15922	15678	16289	15963	1.93	cps
Silicon	28-1	598255	602894	596886	599345	0.53	cps
Silver	107-1	761822	767059	767857	765579	0.43	cps
Silver	109-1	728805	728922	734888	730872	0.48	cps
Sodium	23-2	1543582	1520353	1533832	1532589	0.76	cps
Strontium	86-1	1207	1310	1293	1270	4.37	cps
Strontium	88-1	8159	8289	8166	8205	0.89	cps
Sulfur	34-1	187424	185659	185629	186237	0.55	cps
Terbium	159-1	13938693	13973280	13896745	13936239	0.28	cps
Terbium	159-2	9645501	9528144	9361649	9511765	1.50	cps
Thallium	203-1	2581674	2618348	2561589	2587204	1.11	cps
Thallium	205-1	6155846	6067604	6032609	6085353	1.04	cps
Tin	118-1	1570	1403	1363	1446	7.58	cps
Titanium	47-1	87	107	93	96	10.66	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICV006	Instrumnet Name :	P7
Client Sample ID :	ICV006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:01:52	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	33	20	36	47.19	cps
Vanadium	51-2	446573	447269	447529	447124	0.11	cps
Yttrium	89-1	12447310	12508606	12395747	12450554	0.45	cps
Yttrium	89-2	3496926	3482335	3494725	3491329	0.23	cps
Zinc	66-2	194985	195735	193949	194890	0.46	cps
Zirconium	90-1	800	763	780	781	2.35	cps
Zirconium	91-1	433	410	413	419	3.01	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:08:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	120	123	117	7.56	cps
Antimony	121-1	397	373	463	411	11.36	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	43	37	30	37	18.18	cps
Barium	137-1	67	100	117	94	26.96	cps
Beryllium	9-1	93	80	90	88	7.90	cps
Bismuth	209-1	8554585	8412065	8363885	8443512	1.17	cps
Bismuth	209-2	6971937	7058931	7024279	7018382	0.62	cps
Bromine	81-1	13526	14127	13913	13855	2.20	cps
Bromine	81-2	147	120	137	134	10.02	cps
Cadmium	108-1	7	7	3	6	34.70	cps
Cadmium	106-1	3140	3047	2960	3049	2.95	cps
Cadmium	111-1	2220	2152	2117	2163	2.43	cps
Calcium	43-1	270	293	253	272	7.38	cps
Calcium	44-1	8452	8666	8859	8659	2.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1297	1270	1347	1305	2.98	cps
Cobalt	59-2	143	103	110	119	18.03	cps
Copper	63-2	643	700	700	681	4.80	cps
Dysprosium	156-1	3	7	17	9	78.08	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	57	43	57	52	14.75	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	47	63	77	62	24.16	cps
Gadolinium	160-2	543	573	513	543	5.52	cps
Holmium	165-1	13409067	13440825	13626289	13492060	0.87	cps
Holmium	165-2	9798782	9737895	9747903	9761527	0.33	cps
Indium	115-1	10945846	10908805	10882420	10912357	0.29	cps
Indium	115-2	4200935	4155460	4148257	4168218	0.69	cps
Iron	56-2	18081	18041	17657	17926	1.31	cps
Iron	57-2	973	870	980	941	6.55	cps
Iron	54-2	2664	2617	2690	2657	1.40	cps
Krypton	83-1	213	190	203	202	5.79	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:08:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	647	657	583	629	6.32	cps
Lead	207-1	533	637	483	551	14.19	cps
Lead	208-1	2437	2583	2240	2420	7.12	cps
Lithium	6-1	1475993	1520124	1488796	1494971	1.52	cps
Magnesium	24-2	527	553	570	550	3.97	cps
Manganese	55-2	287	300	333	307	7.84	cps
Molybdenum	94-1	310	250	263	274	11.48	cps
Molybdenum	95-1	150	170	150	157	7.37	cps
Molybdenum	96-1	187	193	253	211	17.39	cps
Molybdenum	97-1	123	123	93	113	15.29	cps
Molybdenum	98-1	280	237	257	258	8.41	cps
Neodymium	150-1	7	10	7	8	24.71	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	367	353	437	386	11.61	cps
Phosphorus	31-2	160	180	133	158	14.84	cps
Potassium	39-2	54995	55440	55568	55334	0.54	cps
Rhodium	103-1	10196978	10192434	10201242	10196885	0.04	cps
Rhodium	103-2	6408171	6326358	6322534	6352354	0.76	cps
Scandium	45-1	5955053	5895115	5789085	5879751	1.43	cps
Scandium	45-2	545734	543680	542364	543926	0.31	cps
Selenium	82-1	292	350	291	311	10.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	490	490	483	488	0.79	cps
Silicon	28-1	604000	602374	603489	603288	0.14	cps
Silver	107-1	200	157	177	178	12.20	cps
Silver	109-1	133	143	120	132	8.86	cps
Sodium	23-2	21956	22547	21702	22068	1.96	cps
Strontium	86-1	337	303	253	298	14.08	cps
Strontium	88-1	170	203	190	188	8.94	cps
Sulfur	34-1	186817	186921	188959	187566	0.64	cps
Terbium	159-1	13830706	13782731	13890905	13834781	0.39	cps
Terbium	159-2	9788901	9686791	9721810	9732501	0.53	cps
Thallium	203-1	307	307	340	318	6.06	cps
Thallium	205-1	780	800	737	772	4.19	cps
Tin	118-1	1550	1433	1183	1389	13.49	cps
Titanium	47-1	73	100	93	89	15.61	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICB006	Instrumnet Name :	P7
Client Sample ID :	ICB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:08:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	13	30	18	60.28	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Yttrium	89-1	12567847	12506601	12525315	12533255	0.25	cps
Yttrium	89-2	3532187	3602611	3567269	3567356	0.99	cps
Zinc	66-2	313	377	317	336	10.62	cps
Zirconium	90-1	587	580	513	560	7.24	cps
Zirconium	91-1	133	110	133	126	10.73	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:11:36	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25898426	25522363	25319309	25580033	1.15	cps
Antimony	121-1	13396	13093	13450	13313	1.45	cps
Arsenic	75-2	213	173	200	196	10.41	cps
Barium	135-1	4251	4371	4321	4314	1.40	cps
Barium	137-1	7579	7449	7465	7498	0.94	cps
Beryllium	9-1	470	467	397	444	9.32	cps
Bismuth	209-1	8070769	8056596	8075951	8067772	0.12	cps
Bismuth	209-2	6633326	6526726	6601275	6587109	0.83	cps
Bromine	81-1	14077	14027	14561	14221	2.07	cps
Bromine	81-2	437	440	387	421	7.10	cps
Cadmium	108-1	1940	1973	1660	1858	9.26	cps
Cadmium	106-1	2974	2914	3010	2966	1.65	cps
Cadmium	111-1	3290	3136	3339	3255	3.26	cps
Calcium	43-1	2956442	3015756	2992724	2988307	1.00	cps
Calcium	44-1	48331938	48937976	47971281	48413732	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96489	96063	96147	96233	0.23	cps
Cobalt	59-2	9213	9043	9330	9195	1.57	cps
Copper	63-2	38145	37744	38386	38092	0.85	cps
Dysprosium	156-1	60	57	90	69	26.65	cps
Dysprosium	156-2	37	20	43	33	36.05	cps
Erbium	164-1	120	80	107	102	19.92	cps
Erbium	164-2	83	87	80	83	4.00	cps
Gadolinium	160-1	87	100	113	100	13.33	cps
Gadolinium	160-2	520	523	503	516	2.08	cps
Holmium	165-1	13636202	13655094	13627376	13639557	0.10	cps
Holmium	165-2	9898386	9683146	9777508	9786347	1.10	cps
Indium	115-1	10390332	10228016	10201167	10273172	1.00	cps
Indium	115-2	3871648	3806160	3903274	3860361	1.28	cps
Iron	56-2	450913820	437623047	441067433	443201433	1.56	cps
Iron	57-2	11235774	11005610	11205765	11149049	1.12	cps
Iron	54-2	24534461	24327033	24650888	24504127	0.67	cps
Krypton	83-1	177	180	160	172	6.22	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:11:36	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50383	48606	46693	48561	3.80	cps
Lead	207-1	40046	38578	37712	38779	3.04	cps
Lead	208-1	188567	180678	176717	181987	3.31	cps
Lithium	6-1	1483234	1468836	1421512	1457861	2.22	cps
Magnesium	24-2	42360228	41514828	41884136	41919730	1.01	cps
Manganese	55-2	29552	30100	30591	30081	1.73	cps
Molybdenum	94-1	6535852	6720411	6623479	6626581	1.39	cps
Molybdenum	95-1	11628328	11690970	11478999	11599432	0.94	cps
Molybdenum	96-1	12546202	12509916	12540032	12532050	0.15	cps
Molybdenum	97-1	7222987	7300057	7268267	7263771	0.53	cps
Molybdenum	98-1	18735385	18830356	18805886	18790543	0.26	cps
Neodymium	150-1	57	57	50	54	7.07	cps
Neodymium	150-2	17	37	33	29	37.08	cps
Nickel	60-2	10174	9983	10187	10115	1.13	cps
Phosphorus	31-2	1274921	1273842	1268341	1272368	0.28	cps
Potassium	39-2	54043661	53231671	53202566	53492633	0.89	cps
Rhodium	103-1	9281498	9293955	9168561	9248005	0.75	cps
Rhodium	103-2	5743180	5703897	5749988	5732355	0.43	cps
Scandium	45-1	5536805	5549880	5465264	5517316	0.83	cps
Scandium	45-2	504260	497987	500013	500754	0.64	cps
Selenium	82-1	369	377	373	373	1.04	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	383	407	467	419	10.26	cps
Silicon	28-1	631154	621845	625867	626288	0.75	cps
Silver	107-1	870	853	583	769	20.93	cps
Silver	109-1	913	683	457	684	33.36	cps
Sodium	23-2	70319891	69106671	68984901	69470487	1.06	cps
Strontium	86-1	123805	124121	124299	124075	0.20	cps
Strontium	88-1	1080449	1077250	1080797	1079499	0.18	cps
Sulfur	34-1	4363396	4368500	4353779	4361892	0.17	cps
Terbium	159-1	13853501	14043224	13734793	13877173	1.12	cps
Terbium	159-2	9617392	9446033	9622518	9561981	1.05	cps
Thallium	203-1	1577	1730	1960	1756	10.99	cps
Thallium	205-1	3571	4461	4614	4215	13.37	cps
Tin	118-1	3164	3117	3127	3136	0.78	cps
Titanium	47-1	2878966	2908010	2872094	2886357	0.66	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSA006	Instrumnet Name :	P7
Client Sample ID :	ICSA006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:11:36	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	527	630	607	588	9.22	cps
Vanadium	51-2	847	803	860	837	3.54	cps
Yttrium	89-1	11818721	11998093	11985899	11934238	0.84	cps
Yttrium	89-2	3357772	3349458	3353827	3353685	0.12	cps
Zinc	66-2	10000	9653	10267	9973	3.09	cps
Zirconium	90-1	1183	1293	1373	1283	7.43	cps
Zirconium	91-1	267	287	330	294	11.00	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:20:33	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25773955	25711534	25595150	25693546	0.35	cps
Antimony	121-1	256157	260744	260212	259038	0.97	cps
Arsenic	75-2	12425	13126	13329	12960	3.66	cps
Barium	135-1	65845	67191	67616	66884	1.38	cps
Barium	137-1	115360	116896	116627	116294	0.71	cps
Beryllium	9-1	28279	27728	27464	27824	1.49	cps
Bismuth	209-1	8274435	8289773	8202488	8255565	0.56	cps
Bismuth	209-2	6767667	6632743	6646083	6682164	1.11	cps
Bromine	81-1	14080	14764	15245	14696	3.98	cps
Bromine	81-2	400	397	423	407	3.57	cps
Cadmium	108-1	6025	5741	5828	5865	2.48	cps
Cadmium	106-1	8376	8096	8139	8203	1.84	cps
Cadmium	111-1	62645	63470	64012	63376	1.09	cps
Calcium	43-1	2964884	3056631	3045460	3022325	1.66	cps
Calcium	44-1	47762883	48438624	48958924	48386810	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	190622	192526	194105	192418	0.91	cps
Cobalt	59-2	157392	158112	157877	157794	0.23	cps
Copper	63-2	141811	142619	142379	142270	0.29	cps
Dysprosium	156-1	87	57	30	58	49.07	cps
Dysprosium	156-2	63	57	50	57	11.76	cps
Erbium	164-1	153	143	103	133	19.85	cps
Erbium	164-2	80	60	83	74	16.95	cps
Gadolinium	160-1	80	117	130	109	23.78	cps
Gadolinium	160-2	537	573	460	523	11.05	cps
Holmium	165-1	13910652	13860269	14052996	13941306	0.72	cps
Holmium	165-2	9859803	9847755	9900045	9869201	0.28	cps
Indium	115-1	10533708	10726633	10534759	10598367	1.05	cps
Indium	115-2	3908392	3884497	3953205	3915365	0.89	cps
Iron	56-2	452005700	448950313	450261167	450405727	0.34	cps
Iron	57-2	11251736	11216422	11325554	11264571	0.49	cps
Iron	54-2	24752676	24567063	24429233	24582991	0.66	cps
Krypton	83-1	173	150	220	181	19.68	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:20:33	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	240332	240871	240350	240518	0.13	cps
Lead	207-1	199793	198621	200847	199754	0.56	cps
Lead	208-1	918282	926398	921829	922170	0.44	cps
Lithium	6-1	1431165	1414794	1408667	1418209	0.82	cps
Magnesium	24-2	42384957	42322583	41721537	42143025	0.87	cps
Manganese	55-2	109699	109424	108719	109281	0.46	cps
Molybdenum	94-1	6669578	6793118	6804659	6755785	1.11	cps
Molybdenum	95-1	11731011	11650274	11896566	11759284	1.07	cps
Molybdenum	96-1	13006182	12710437	12904411	12873677	1.17	cps
Molybdenum	97-1	7412677	7432978	7464571	7436742	0.35	cps
Molybdenum	98-1	19444791	19293154	19359432	19365792	0.39	cps
Neodymium	150-1	83	73	57	71	18.94	cps
Neodymium	150-2	37	27	30	31	16.37	cps
Nickel	60-2	47104	47619	47602	47441	0.62	cps
Phosphorus	31-2	1274623	1305201	1283308	1287711	1.22	cps
Potassium	39-2	53911359	53555743	54384086	53950396	0.77	cps
Rhodium	103-1	9555077	9408401	9476738	9480072	0.77	cps
Rhodium	103-2	5830625	5888628	5893523	5870925	0.60	cps
Scandium	45-1	5579170	5555023	5563810	5566001	0.22	cps
Scandium	45-2	506430	508647	513015	509364	0.66	cps
Selenium	82-1	4154	4114	4218	4162	1.26	cps
Selenium	77-2	430	347	400	392	10.76	cps
Selenium	78-2	1777	1937	1757	1823	5.41	cps
Silicon	28-1	674484	684409	683317	680737	0.80	cps
Silver	107-1	291372	292154	292547	292024	0.20	cps
Silver	109-1	276479	281408	279565	279151	0.89	cps
Sodium	23-2	70417397	70456179	70005937	70293171	0.35	cps
Strontium	86-1	126262	128068	128676	127669	0.98	cps
Strontium	88-1	1102299	1102018	1116638	1106985	0.76	cps
Sulfur	34-1	4337394	4365397	4317811	4340201	0.55	cps
Terbium	159-1	14228948	14125430	14372479	14242285	0.87	cps
Terbium	159-2	9747985	9749750	9690284	9729340	0.35	cps
Thallium	203-1	240392	242785	241244	241473	0.50	cps
Thallium	205-1	572125	577970	575039	575045	0.51	cps
Tin	118-1	3937	3854	3574	3788	5.03	cps
Titanium	47-1	2848292	2843404	2871584	2854427	0.53	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	ICSAB006	Instrumnet Name :	P7
Client Sample ID :	ICSAB006	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:20:33	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3507	3124	2840	3157	10.60	cps
Vanadium	51-2	85701	86033	86020	85918	0.22	cps
Yttrium	89-1	12352090	12367023	12552100	12423738	0.90	cps
Yttrium	89-2	3384099	3437391	3384458	3401983	0.90	cps
Zinc	66-2	28734	28287	29155	28725	1.51	cps
Zirconium	90-1	4647	4427	4031	4368	7.16	cps
Zirconium	91-1	1047	997	840	961	11.22	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:23:36	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14042745	14075565	14020003	14046104	0.20	cps
Antimony	121-1	6020352	6103344	6002135	6041944	0.89	cps
Arsenic	75-2	297365	294771	294415	295517	0.54	cps
Barium	135-1	7771112	7655163	7679061	7701779	0.79	cps
Barium	137-1	13378042	13419885	13099106	13299011	1.31	cps
Beryllium	9-1	632907	641810	643833	639517	0.91	cps
Bismuth	209-1	7935907	7944586	7900318	7926937	0.30	cps
Bismuth	209-2	6409493	6321000	6232549	6321014	1.40	cps
Bromine	81-1	13146	13463	13450	13353	1.34	cps
Bromine	81-2	83	130	133	116	24.20	cps
Cadmium	108-1	105537	106420	105020	105659	0.67	cps
Cadmium	106-1	153514	153848	152521	153294	0.45	cps
Cadmium	111-1	1654970	1652589	1635320	1647626	0.65	cps
Calcium	43-1	7413636	7503707	7476853	7464732	0.62	cps
Calcium	44-1	120704302	121005365	120860282	120856649	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2318305	2356948	2302080	2325778	1.21	cps
Cobalt	59-2	3622772	3579871	3646255	3616299	0.93	cps
Copper	63-2	25226590	25616607	25363071	25402089	0.78	cps
Dysprosium	156-1	293	327	270	297	9.60	cps
Dysprosium	156-2	497	467	470	478	3.44	cps
Erbium	164-1	270	283	307	287	6.47	cps
Erbium	164-2	143	163	227	178	24.47	cps
Gadolinium	160-1	230	297	267	264	12.63	cps
Gadolinium	160-2	613	617	730	653	10.17	cps
Holmium	165-1	13806625	13690417	13658048	13718364	0.57	cps
Holmium	165-2	9657888	9614062	9580091	9617347	0.41	cps
Indium	115-1	10392271	10166567	9927995	10162278	2.28	cps
Indium	115-2	3720358	3780871	3731230	3744153	0.86	cps
Iron	56-2	549332272	550531218	541570899	547144796	0.89	cps
Iron	57-2	13780972	13644638	13807837	13744482	0.64	cps
Iron	54-2	29803439	30202640	30050454	30018844	0.67	cps
Krypton	83-1	210	193	190	198	5.42	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:23:36	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24078625	24163705	23948340	24063557	0.45	cps
Lead	207-1	20953894	21108282	20543684	20868620	1.40	cps
Lead	208-1	95465794	96118546	94198071	95260804	1.03	cps
Lithium	6-1	1358310	1341907	1366506	1355575	0.92	cps
Magnesium	24-2	107321092	107699035	107094378	107371502	0.28	cps
Manganese	55-2	18733748	18856155	18728346	18772750	0.39	cps
Molybdenum	94-1	20901315	20747984	20723743	20791014	0.46	cps
Molybdenum	95-1	29620138	29637412	29681518	29646356	0.11	cps
Molybdenum	96-1	32981127	32891255	32811261	32894548	0.26	cps
Molybdenum	97-1	18790804	18815603	18555801	18720736	0.77	cps
Molybdenum	98-1	48300776	47888969	47915136	48034960	0.48	cps
Neodymium	150-1	507	510	423	480	10.23	cps
Neodymium	150-2	137	147	110	131	14.46	cps
Nickel	60-2	855418	851678	854178	853758	0.22	cps
Phosphorus	31-2	126504	127885	127485	127291	0.56	cps
Potassium	39-2	69296787	68685754	68537346	68839962	0.58	cps
Rhodium	103-1	9236653	9060448	9158578	9151893	0.96	cps
Rhodium	103-2	5588784	5631664	5444178	5554876	1.77	cps
Scandium	45-1	5612172	5607716	5552991	5590960	0.59	cps
Scandium	45-2	511613	512523	500166	508101	1.36	cps
Selenium	82-1	85114	85590	85376	85360	0.28	cps
Selenium	77-2	9423	9009	9243	9225	2.25	cps
Selenium	78-2	31560	31220	31123	31301	0.73	cps
Silicon	28-1	3272019	3300003	3296270	3289431	0.46	cps
Silver	107-1	7422308	7363238	7437177	7407575	0.53	cps
Silver	109-1	6931035	7056902	7022658	7003532	0.93	cps
Sodium	23-2	175414077	174918471	174133451	174822000	0.37	cps
Strontium	86-1	1863686	1848260	1846510	1852819	0.51	cps
Strontium	88-1	16362855	16216259	16170798	16249971	0.62	cps
Sulfur	34-1	566099	567215	564875	566063	0.21	cps
Terbium	159-1	13909569	13915240	13873912	13899574	0.16	cps
Terbium	159-2	9575932	9423144	9309299	9436125	1.42	cps
Thallium	203-1	6110842	6103867	6048977	6087895	0.56	cps
Thallium	205-1	14581830	14335420	14433636	14450295	0.86	cps
Tin	118-1	5004482	4888165	4908379	4933675	1.26	cps
Titanium	47-1	7032046	6980970	6981792	6998269	0.42	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV037	Instrumnet Name :	P7
Client Sample ID :	CCV037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:23:36	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18359454	18565825	18332604	18419294	0.69	cps
Vanadium	51-2	2128291	2103675	2095368	2109111	0.81	cps
Yttrium	89-1	12330637	12052085	11989534	12124085	1.50	cps
Yttrium	89-2	3368417	3338568	3310724	3339236	0.86	cps
Zinc	66-2	4253586	4274523	4311030	4279713	0.68	cps
Zirconium	90-1	9988994	10099241	10046255	10044830	0.55	cps
Zirconium	91-1	2221125	2254697	2206709	2227510	1.11	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:29:37	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	187	203	188	8.00	cps
Antimony	121-1	727	763	680	723	5.77	cps
Arsenic	75-2	7	13	7	9	43.25	cps
Barium	135-1	83	73	50	69	24.83	cps
Barium	137-1	163	123	123	137	16.90	cps
Beryllium	9-1	113	73	77	88	25.28	cps
Bismuth	209-1	8695087	8716419	8547572	8653026	1.06	cps
Bismuth	209-2	7122803	7167299	7091897	7127333	0.53	cps
Bromine	81-1	13927	14040	14320	14096	1.44	cps
Bromine	81-2	253	287	247	262	8.17	cps
Cadmium	108-1	17	13	10	13	25.01	cps
Cadmium	106-1	3087	3060	3064	3070	0.47	cps
Cadmium	111-1	2201	2184	2175	2187	0.60	cps
Calcium	43-1	320	380	367	356	8.86	cps
Calcium	44-1	9713	9383	9166	9421	2.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1383	1260	1420	1355	6.19	cps
Cobalt	59-2	123	127	137	129	5.38	cps
Copper	63-2	913	897	933	914	2.01	cps
Dysprosium	156-1	0	20	7	9	114.55	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	63	47	77	62	24.16	cps
Erbium	164-2	77	50	33	53	40.99	cps
Gadolinium	160-1	43	47	33	41	16.89	cps
Gadolinium	160-2	503	523	477	501	4.67	cps
Holmium	165-1	14229385	14007340	13710357	13982361	1.86	cps
Holmium	165-2	9823812	9908947	9755814	9829524	0.78	cps
Indium	115-1	11102728	10924747	11092094	11039856	0.90	cps
Indium	115-2	4155260	4142275	4055341	4117626	1.32	cps
Iron	56-2	19823	18995	19873	19564	2.52	cps
Iron	57-2	1047	977	987	1003	3.77	cps
Iron	54-2	2614	2554	2530	2566	1.68	cps
Krypton	83-1	203	170	207	193	10.49	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:29:37	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1263	1167	1280	1237	4.95	cps
Lead	207-1	1097	1040	1090	1076	2.88	cps
Lead	208-1	4817	4740	4640	4733	1.87	cps
Lithium	6-1	1467925	1459231	1453590	1460249	0.49	cps
Magnesium	24-2	933	937	1010	960	4.51	cps
Manganese	55-2	470	420	420	437	6.61	cps
Molybdenum	94-1	517	517	580	538	6.80	cps
Molybdenum	95-1	570	517	457	514	11.02	cps
Molybdenum	96-1	617	617	537	590	7.83	cps
Molybdenum	97-1	313	253	257	274	12.29	cps
Molybdenum	98-1	853	820	683	786	11.47	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	367	300	340	336	10.00	cps
Phosphorus	31-2	167	140	133	147	12.03	cps
Potassium	39-2	55818	55226	56260	55768	0.93	cps
Rhodium	103-1	10454223	10151975	10280089	10295429	1.47	cps
Rhodium	103-2	6331271	6337131	6294023	6320808	0.37	cps
Scandium	45-1	5804767	5718034	5786423	5769741	0.79	cps
Scandium	45-2	527095	523992	525836	525641	0.30	cps
Selenium	82-1	319	328	290	312	6.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	463	443	423	443	4.51	cps
Silicon	28-1	568359	570985	569600	569648	0.23	cps
Silver	107-1	323	330	270	308	10.69	cps
Silver	109-1	317	267	277	287	9.23	cps
Sodium	23-2	40587	40627	39701	40305	1.30	cps
Strontium	86-1	333	340	317	330	3.64	cps
Strontium	88-1	267	257	197	240	15.77	cps
Sulfur	34-1	173314	173597	175212	174041	0.59	cps
Terbium	159-1	14428660	14104831	14201871	14245121	1.17	cps
Terbium	159-2	9680745	9665723	9722487	9689652	0.30	cps
Thallium	203-1	1100	970	953	1008	7.97	cps
Thallium	205-1	2437	2347	2354	2379	2.11	cps
Tin	118-1	1517	1403	1530	1483	4.69	cps
Titanium	47-1	187	163	190	180	8.07	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB037	Instrumnet Name :	P7
Client Sample ID :	CCB037	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:29:37	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	150	110	87	116	27.72	cps
Vanadium	51-2	33	20	13	22	45.83	cps
Yttrium	89-1	12733052	12668056	12565044	12655384	0.67	cps
Yttrium	89-2	3477461	3535904	3469180	3494181	1.04	cps
Zinc	66-2	320	377	287	328	13.88	cps
Zirconium	90-1	803	763	777	781	2.61	cps
Zirconium	91-1	180	200	200	193	5.97	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BL	Instrumnet Name :	P7
Client Sample ID :	PBS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:32:56	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	187	243	204	16.49	cps
Antimony	121-1	407	393	367	389	5.24	cps
Arsenic	75-2	13	3	7	8	65.47	cps
Barium	135-1	37	43	47	42	12.06	cps
Barium	137-1	90	43	73	69	34.33	cps
Beryllium	9-1	83	60	93	79	21.68	cps
Bismuth	209-1	8795796	8661288	8682412	8713166	0.83	cps
Bismuth	209-2	7002135	6970563	7091668	7021455	0.89	cps
Bromine	81-1	13696	14053	13843	13864	1.29	cps
Bromine	81-2	133	167	167	156	12.37	cps
Cadmium	108-1	20	0	3	8	137.80	cps
Cadmium	106-1	3137	2947	2874	2986	4.55	cps
Cadmium	111-1	2219	2097	2063	2126	3.87	cps
Calcium	43-1	327	310	320	319	2.63	cps
Calcium	44-1	9343	9126	9083	9184	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1313	1273	1257	1281	2.27	cps
Cobalt	59-2	77	137	173	129	37.86	cps
Copper	63-2	853	750	813	806	6.47	cps
Dysprosium	156-1	7	0	3	3	100.05	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	60	83	43	62	32.29	cps
Erbium	164-2	30	43	40	38	18.36	cps
Gadolinium	160-1	53	53	53	53	0.00	cps
Gadolinium	160-2	567	520	497	528	6.75	cps
Holmium	165-1	13966469	13781805	13974990	13907755	0.78	cps
Holmium	165-2	9751430	9812374	9824994	9796266	0.40	cps
Indium	115-1	11333813	11165235	11133026	11210691	0.96	cps
Indium	115-2	4119421	4140723	4146048	4135397	0.34	cps
Iron	56-2	18408	18501	18765	18558	1.00	cps
Iron	57-2	967	963	997	976	1.88	cps
Iron	54-2	2560	2757	2607	2641	3.89	cps
Krypton	83-1	203	150	227	193	20.33	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BL	Instrumnet Name :	P7
Client Sample ID :	PBS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:32:56	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1040	950	940	977	5.64	cps
Lead	207-1	857	820	793	823	3.86	cps
Lead	208-1	3937	3690	3660	3762	4.04	cps
Lithium	6-1	1453943	1433801	1458111	1448619	0.90	cps
Magnesium	24-2	863	887	827	859	3.52	cps
Manganese	55-2	393	340	377	370	7.37	cps
Molybdenum	94-1	387	357	430	391	9.43	cps
Molybdenum	95-1	233	260	203	232	12.21	cps
Molybdenum	96-1	347	363	347	352	2.73	cps
Molybdenum	97-1	160	157	193	170	11.93	cps
Molybdenum	98-1	480	380	437	432	11.60	cps
Neodymium	150-1	23	17	3	14	70.51	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	350	293	323	322	8.80	cps
Phosphorus	31-2	140	120	190	150	24.04	cps
Potassium	39-2	56193	54705	55839	55579	1.40	cps
Rhodium	103-1	10349409	10295090	10471189	10371896	0.87	cps
Rhodium	103-2	6371256	6302322	6342851	6338810	0.55	cps
Scandium	45-1	5951591	5834392	5804543	5863509	1.33	cps
Scandium	45-2	532279	528439	535891	532203	0.70	cps
Selenium	82-1	352	320	251	308	16.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	497	403	440	447	10.53	cps
Silicon	28-1	586995	584823	587535	586451	0.24	cps
Silver	107-1	220	227	230	226	2.26	cps
Silver	109-1	150	200	170	173	14.52	cps
Sodium	23-2	32885	31636	31071	31864	2.91	cps
Strontium	86-1	330	370	327	342	7.05	cps
Strontium	88-1	190	180	247	206	17.49	cps
Sulfur	34-1	174598	176796	176857	176083	0.73	cps
Terbium	159-1	14391125	14111347	14174138	14225537	1.03	cps
Terbium	159-2	9661254	9592587	9899967	9717936	1.66	cps
Thallium	203-1	917	833	950	900	6.68	cps
Thallium	205-1	2017	2030	2080	2042	1.64	cps
Tin	118-1	1413	1553	1477	1481	4.73	cps
Titanium	47-1	110	160	90	120	30.05	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BL	Instrumnet Name :	P7
Client Sample ID :	PBS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:32:56	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	23	10	24	61.49	cps
Vanadium	51-2	10	10	27	16	61.87	cps
Yttrium	89-1	12862131	12541992	12608162	12670762	1.33	cps
Yttrium	89-2	3577833	3505093	3540860	3541262	1.03	cps
Zinc	66-2	300	357	260	306	15.89	cps
Zirconium	90-1	693	640	720	684	5.95	cps
Zirconium	91-1	150	163	167	160	5.51	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BS	Instrumnet Name :	P7
Client Sample ID :	LCS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:36:12	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12782	12442	12382	12535	1.72	cps
Antimony	121-1	50244	50361	50906	50504	0.70	cps
Arsenic	75-2	1390	1423	1490	1435	3.55	cps
Barium	135-1	62091	61997	62148	62079	0.12	cps
Barium	137-1	107697	108681	109181	108520	0.70	cps
Beryllium	9-1	2947	3014	3027	2996	1.43	cps
Bismuth	209-1	8685659	8592629	8613233	8630507	0.57	cps
Bismuth	209-2	7120680	7102303	7056954	7093312	0.46	cps
Bromine	81-1	14394	14677	14587	14553	1.00	cps
Bromine	81-2	163	177	150	163	8.16	cps
Cadmium	108-1	497	447	487	477	5.55	cps
Cadmium	106-1	3971	3744	3747	3821	3.40	cps
Cadmium	111-1	9812	9737	9917	9822	0.92	cps
Calcium	43-1	34513	34062	33911	34162	0.92	cps
Calcium	44-1	558679	549090	560389	556053	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21973	21652	21752	21792	0.75	cps
Cobalt	59-2	16866	16489	16810	16722	1.22	cps
Copper	63-2	25518	25151	25355	25341	0.73	cps
Dysprosium	156-1	20	17	10	16	32.73	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	27	60	67	51	41.93	cps
Erbium	164-2	47	60	30	46	32.99	cps
Gadolinium	160-1	30	33	50	38	28.37	cps
Gadolinium	160-2	497	473	470	480	3.03	cps
Holmium	165-1	13907297	14074461	13920526	13967428	0.67	cps
Holmium	165-2	9894993	9903629	10028701	9942441	0.75	cps
Indium	115-1	11111808	11200755	11058388	11123650	0.65	cps
Indium	115-2	4235876	4163589	4236073	4211846	0.99	cps
Iron	56-2	2008056	2014903	1999981	2007647	0.37	cps
Iron	57-2	51595	51909	51812	51772	0.31	cps
Iron	54-2	113420	113692	113493	113535	0.12	cps
Krypton	83-1	167	177	193	179	7.53	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BS	Instrumnet Name :	P7
Client Sample ID :	LCS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:36:12	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20168	20319	20816	20434	1.66	cps
Lead	207-1	17548	17425	17538	17504	0.39	cps
Lead	208-1	79865	80771	81365	80667	0.94	cps
Lithium	6-1	1423633	1436174	1418319	1426042	0.64	cps
Magnesium	24-2	461384	462137	464950	462824	0.41	cps
Manganese	55-2	9116	9033	9093	9081	0.47	cps
Molybdenum	94-1	50898	50614	51460	50991	0.84	cps
Molybdenum	95-1	61903	62499	62252	62218	0.48	cps
Molybdenum	96-1	69283	69641	69377	69434	0.27	cps
Molybdenum	97-1	39025	38938	39279	39081	0.45	cps
Molybdenum	98-1	101097	100670	101134	100967	0.26	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	4537	4231	4434	4401	3.55	cps
Phosphorus	31-2	753	800	853	802	6.24	cps
Potassium	39-2	675750	679880	678880	678170	0.32	cps
Rhodium	103-1	10329618	10332391	10393553	10351854	0.35	cps
Rhodium	103-2	6305919	6375256	6435278	6372151	1.02	cps
Scandium	45-1	5954647	5899390	5991742	5948593	0.78	cps
Scandium	45-2	538618	542829	539302	540250	0.42	cps
Selenium	82-1	2319	2411	2216	2315	4.23	cps
Selenium	77-2	303	230	233	256	16.20	cps
Selenium	78-2	1230	1133	1157	1173	4.30	cps
Silicon	28-1	713934	709798	716797	713509	0.49	cps
Silver	107-1	31959	32216	33458	32544	2.46	cps
Silver	109-1	30268	30686	31087	30680	1.33	cps
Sodium	23-2	770787	763991	765569	766782	0.46	cps
Strontium	86-1	8226	7745	8372	8115	4.04	cps
Strontium	88-1	69490	69245	69275	69337	0.19	cps
Sulfur	34-1	182859	182452	183335	182882	0.24	cps
Terbium	159-1	14470307	14453164	14190398	14371290	1.09	cps
Terbium	159-2	9920753	9728833	9884438	9844675	1.04	cps
Thallium	203-1	25187	24415	24586	24729	1.64	cps
Thallium	205-1	59114	58857	58542	58838	0.49	cps
Tin	118-1	106238	106490	107175	106634	0.45	cps
Titanium	47-1	3864	3657	3944	3822	3.87	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165675BS	Instrumnet Name :	P7
Client Sample ID :	LCS675	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:36:12	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67673	68380	67786	67946	0.56	cps
Vanadium	51-2	46796	46779	46408	46661	0.47	cps
Yttrium	89-1	12821213	12742605	12645184	12736334	0.69	cps
Yttrium	89-2	3546272	3541773	3547625	3545223	0.09	cps
Zinc	66-2	10437	11007	10357	10601	3.35	cps
Zirconium	90-1	43090	42702	43244	43012	0.65	cps
Zirconium	91-1	9243	9460	9483	9395	1.41	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BL	Instrumnet Name :	P7
Client Sample ID :	PBS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:39:29	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	233	160	190	20.23	cps
Antimony	121-1	217	230	183	210	11.45	cps
Arsenic	75-2	7	10	13	10	33.30	cps
Barium	135-1	63	40	37	47	31.13	cps
Barium	137-1	103	83	100	96	11.22	cps
Beryllium	9-1	57	57	73	62	15.46	cps
Bismuth	209-1	8750072	8676877	8573316	8666755	1.02	cps
Bismuth	209-2	7073062	7067214	7023113	7054463	0.39	cps
Bromine	81-1	14491	14951	14744	14729	1.57	cps
Bromine	81-2	160	147	190	166	13.41	cps
Cadmium	108-1	17	7	10	11	45.82	cps
Cadmium	106-1	2887	3187	2874	2983	5.94	cps
Cadmium	111-1	2033	2260	2018	2104	6.45	cps
Calcium	43-1	343	387	340	357	7.30	cps
Calcium	44-1	9890	9690	9516	9699	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1360	1303	1380	1348	2.95	cps
Cobalt	59-2	143	127	137	136	6.19	cps
Copper	63-2	790	767	773	777	1.55	cps
Dysprosium	156-1	10	3	3	6	69.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	83	27	60	57	50.25	cps
Erbium	164-2	13	40	33	29	48.05	cps
Gadolinium	160-1	27	33	50	37	32.78	cps
Gadolinium	160-2	463	517	517	499	6.17	cps
Holmium	165-1	13986428	13849650	13818654	13884911	0.64	cps
Holmium	165-2	9859917	9830007	9835593	9841839	0.16	cps
Indium	115-1	11241573	11005218	11127043	11124611	1.06	cps
Indium	115-2	4167993	4168083	4137910	4157995	0.42	cps
Iron	56-2	18885	19075	18552	18837	1.41	cps
Iron	57-2	1063	1170	1233	1156	7.44	cps
Iron	54-2	2654	2644	2647	2648	0.19	cps
Krypton	83-1	183	200	187	190	4.64	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BL	Instrumnet Name :	P7
Client Sample ID :	PBS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:39:29	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	860	797	800	819	4.35	cps
Lead	207-1	723	650	707	693	5.54	cps
Lead	208-1	3250	3300	3214	3255	1.34	cps
Lithium	6-1	1429473	1423601	1414794	1422623	0.52	cps
Magnesium	24-2	1067	913	920	967	8.97	cps
Manganese	55-2	367	357	410	378	7.50	cps
Molybdenum	94-1	413	380	363	386	6.60	cps
Molybdenum	95-1	137	223	247	202	28.66	cps
Molybdenum	96-1	273	307	263	281	8.07	cps
Molybdenum	97-1	203	140	157	167	19.70	cps
Molybdenum	98-1	343	377	383	368	5.83	cps
Neodymium	150-1	7	7	3	6	34.70	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	323	297	310	310	4.30	cps
Phosphorus	31-2	167	120	170	152	18.37	cps
Potassium	39-2	56206	56330	56417	56318	0.19	cps
Rhodium	103-1	10536668	10466557	10462592	10488606	0.40	cps
Rhodium	103-2	6429120	6374800	6298620	6367513	1.03	cps
Scandium	45-1	6035662	5835710	5854685	5908685	1.87	cps
Scandium	45-2	536059	542981	537216	538752	0.69	cps
Selenium	82-1	319	383	334	345	9.61	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	530	447	433	470	11.15	cps
Silicon	28-1	594297	599164	598336	597266	0.44	cps
Silver	107-1	323	290	263	292	10.29	cps
Silver	109-1	277	210	177	221	23.03	cps
Sodium	23-2	26686	26500	26059	26415	1.22	cps
Strontium	86-1	377	373	337	362	6.13	cps
Strontium	88-1	410	443	363	406	9.91	cps
Sulfur	34-1	182208	181015	181884	181702	0.34	cps
Terbium	159-1	14345496	14139119	14216555	14233723	0.73	cps
Terbium	159-2	9542884	9620452	9761956	9641764	1.15	cps
Thallium	203-1	763	740	717	740	3.15	cps
Thallium	205-1	1773	1707	1603	1695	5.06	cps
Tin	118-1	1423	1527	1487	1479	3.52	cps
Titanium	47-1	110	117	90	106	13.15	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BL	Instrumnet Name :	P7
Client Sample ID :	PBS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:39:29	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	40	23	32	26.04	cps
Vanadium	51-2	7	13	3	8	65.47	cps
Yttrium	89-1	13077937	12908787	12884334	12957020	0.81	cps
Yttrium	89-2	3556640	3534502	3475456	3522199	1.19	cps
Zinc	66-2	237	300	310	282	14.09	cps
Zirconium	90-1	753	633	703	697	8.65	cps
Zirconium	91-1	173	177	133	161	14.97	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BS	Instrumnet Name :	P7
Client Sample ID :	LCS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:42:46	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12602	12515	12642	12586	0.51	cps
Antimony	121-1	49956	50876	50348	50393	0.92	cps
Arsenic	75-2	1470	1520	1550	1513	2.67	cps
Barium	135-1	63906	61961	62613	62827	1.58	cps
Barium	137-1	107428	107418	109833	108227	1.29	cps
Beryllium	9-1	2960	2997	2964	2974	0.68	cps
Bismuth	209-1	8591464	8480973	8539767	8537401	0.65	cps
Bismuth	209-2	7124884	6985319	7058702	7056302	0.99	cps
Bromine	81-1	14968	14367	14998	14777	2.41	cps
Bromine	81-2	163	207	170	180	12.96	cps
Cadmium	108-1	577	470	497	514	10.79	cps
Cadmium	106-1	4011	3824	3784	3873	3.12	cps
Cadmium	111-1	10064	9619	9879	9854	2.27	cps
Calcium	43-1	33607	34379	33821	33936	1.17	cps
Calcium	44-1	553878	561537	561131	558849	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21906	21469	22420	21932	2.17	cps
Cobalt	59-2	17273	16696	17163	17044	1.80	cps
Copper	63-2	25539	25124	25665	25443	1.11	cps
Dysprosium	156-1	13	17	33	21	50.75	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	53	53	47	51	7.52	cps
Erbium	164-2	67	13	67	49	62.99	cps
Gadolinium	160-1	47	57	47	50	11.55	cps
Gadolinium	160-2	537	543	533	538	0.95	cps
Holmium	165-1	14065119	13988410	14088339	14047289	0.37	cps
Holmium	165-2	10134520	9723236	9795465	9884407	2.22	cps
Indium	115-1	11174666	11192481	11168011	11178386	0.11	cps
Indium	115-2	4247918	4183360	4180888	4204056	0.90	cps
Iron	56-2	2008814	2019764	1985738	2004772	0.87	cps
Iron	57-2	51929	51431	51103	51488	0.81	cps
Iron	54-2	114803	114246	113557	114202	0.55	cps
Krypton	83-1	187	193	213	198	7.02	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BS	Instrumnet Name :	P7
Client Sample ID :	LCS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:42:46	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20462	19821	20225	20169	1.61	cps
Lead	207-1	17274	17194	17845	17438	2.04	cps
Lead	208-1	79180	79512	79426	79373	0.22	cps
Lithium	6-1	1398638	1405376	1390585	1398200	0.53	cps
Magnesium	24-2	465168	464662	461498	463776	0.43	cps
Manganese	55-2	8609	9099	9316	9008	4.02	cps
Molybdenum	94-1	51423	51293	51396	51371	0.13	cps
Molybdenum	95-1	62342	62627	62844	62604	0.40	cps
Molybdenum	96-1	71249	69524	69025	69933	1.67	cps
Molybdenum	97-1	39069	39162	39858	39363	1.09	cps
Molybdenum	98-1	102120	102097	100586	101601	0.87	cps
Neodymium	150-1	13	20	17	17	20.01	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	4351	4491	4357	4400	1.80	cps
Phosphorus	31-2	837	860	850	849	1.38	cps
Potassium	39-2	683653	682486	681950	682697	0.13	cps
Rhodium	103-1	10621989	10504788	10433029	10519935	0.91	cps
Rhodium	103-2	6518336	6248406	6472824	6413189	2.25	cps
Scandium	45-1	5956020	5992526	6010969	5986505	0.47	cps
Scandium	45-2	547067	541150	551677	546632	0.97	cps
Selenium	82-1	2326	2362	2224	2304	3.12	cps
Selenium	77-2	227	227	190	214	9.87	cps
Selenium	78-2	1197	1157	1127	1160	3.03	cps
Silicon	28-1	724359	734228	733319	730635	0.75	cps
Silver	107-1	32052	32730	32426	32403	1.05	cps
Silver	109-1	30966	30956	30542	30822	0.79	cps
Sodium	23-2	773165	769527	769021	770571	0.29	cps
Strontium	86-1	8392	8082	8062	8179	2.26	cps
Strontium	88-1	67735	68559	68585	68293	0.71	cps
Sulfur	34-1	186790	186935	188699	187474	0.57	cps
Terbium	159-1	14349439	14254202	14082280	14228641	0.95	cps
Terbium	159-2	9774179	9697701	9510945	9660942	1.40	cps
Thallium	203-1	24402	24208	24572	24394	0.75	cps
Thallium	205-1	58150	58488	58636	58425	0.43	cps
Tin	118-1	105607	106288	106053	105983	0.33	cps
Titanium	47-1	3751	3837	3767	3785	1.22	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165800BS	Instrumnet Name :	P7
Client Sample ID :	LCS800	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:42:46	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	65983	66630	66881	66498	0.70	cps
Vanadium	51-2	47842	46224	47207	47091	1.73	cps
Yttrium	89-1	12940756	12795733	12902853	12879781	0.58	cps
Yttrium	89-2	3579055	3482939	3592618	3551537	1.68	cps
Zinc	66-2	10661	10587	10247	10498	2.10	cps
Zirconium	90-1	42682	42745	42949	42792	0.33	cps
Zirconium	91-1	9560	9180	9436	9392	2.07	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:46:03	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	177	177	184	7.30	cps
Antimony	121-1	157	107	137	133	18.87	cps
Arsenic	75-2	20	27	0	16	89.22	cps
Barium	135-1	47	57	47	50	11.55	cps
Barium	137-1	93	87	73	84	12.06	cps
Beryllium	9-1	67	60	57	61	8.33	cps
Bismuth	209-1	8602807	8529382	8548945	8560378	0.44	cps
Bismuth	209-2	7134416	7024404	7074727	7077849	0.78	cps
Bromine	81-1	15011	15105	15448	15188	1.52	cps
Bromine	81-2	177	213	200	197	9.44	cps
Cadmium	108-1	10	0	13	8	89.21	cps
Cadmium	106-1	3240	3080	3014	3111	3.74	cps
Cadmium	111-1	2308	2177	2140	2209	4.00	cps
Calcium	43-1	310	333	347	330	5.62	cps
Calcium	44-1	9506	8956	8836	9099	3.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1453	1393	1417	1421	2.13	cps
Cobalt	59-2	130	147	107	128	15.72	cps
Copper	63-2	803	677	707	729	9.08	cps
Dysprosium	156-1	10	10	10	10	0.00	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	50	63	53	56	12.49	cps
Erbium	164-2	40	27	30	32	21.53	cps
Gadolinium	160-1	50	20	50	40	43.30	cps
Gadolinium	160-2	520	510	483	504	3.76	cps
Holmium	165-1	13982958	13798809	13787963	13856577	0.79	cps
Holmium	165-2	10006149	9780215	9961333	9915899	1.21	cps
Indium	115-1	11220089	11229646	11279498	11243078	0.28	cps
Indium	115-2	4203781	4192563	4197650	4197998	0.13	cps
Iron	56-2	19079	19289	18738	19035	1.46	cps
Iron	57-2	987	1063	1097	1049	5.38	cps
Iron	54-2	2580	2844	2704	2709	4.86	cps
Krypton	83-1	153	240	197	197	22.03	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:46:03	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	770	747	753	757	1.59	cps
Lead	207-1	603	623	627	618	2.04	cps
Lead	208-1	2990	2947	2773	2903	3.95	cps
Lithium	6-1	1383360	1390206	1426066	1399877	1.64	cps
Magnesium	24-2	853	877	877	869	1.55	cps
Manganese	55-2	393	323	347	354	10.06	cps
Molybdenum	94-1	300	377	357	344	11.55	cps
Molybdenum	95-1	200	220	170	197	12.80	cps
Molybdenum	96-1	290	270	283	281	3.62	cps
Molybdenum	97-1	113	133	103	117	13.10	cps
Molybdenum	98-1	347	287	357	330	11.47	cps
Neodymium	150-1	10	3	3	6	69.34	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	323	397	347	356	10.54	cps
Phosphorus	31-2	113	133	140	129	10.77	cps
Potassium	39-2	56130	56360	56468	56319	0.31	cps
Rhodium	103-1	10605215	10448837	10437064	10497039	0.89	cps
Rhodium	103-2	6563006	6507581	6362852	6477813	1.60	cps
Scandium	45-1	5940703	5949812	5893377	5927964	0.51	cps
Scandium	45-2	551693	547928	548125	549248	0.39	cps
Selenium	82-1	405	288	318	337	17.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	487	517	437	480	8.42	cps
Silicon	28-1	612494	617691	608869	613018	0.72	cps
Silver	107-1	267	267	277	270	2.14	cps
Silver	109-1	220	197	193	203	7.14	cps
Sodium	23-2	23698	23568	23635	23634	0.28	cps
Strontium	86-1	307	367	357	343	9.36	cps
Strontium	88-1	220	243	197	220	10.61	cps
Sulfur	34-1	185311	186898	187562	186590	0.62	cps
Terbium	159-1	14282312	14126651	14181667	14196877	0.56	cps
Terbium	159-2	9815432	9689533	9680501	9728489	0.78	cps
Thallium	203-1	683	587	620	630	7.79	cps
Thallium	205-1	1497	1503	1497	1499	0.26	cps
Tin	118-1	1357	1370	1310	1346	2.34	cps
Titanium	47-1	87	90	100	92	7.52	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BL	Instrumnet Name :	P7
Client Sample ID :	PBS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:46:03	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	27	20	30	40.05	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	13045904	12929572	12975006	12983494	0.45	cps
Yttrium	89-2	3596563	3620381	3581272	3599406	0.55	cps
Zinc	66-2	293	267	373	311	17.84	cps
Zirconium	90-1	563	667	690	640	10.53	cps
Zirconium	91-1	173	163	137	158	12.01	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:49:20	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12382	12739	12982	12701	2.38	cps
Antimony	121-1	51846	52432	51575	51951	0.84	cps
Arsenic	75-2	1390	1440	1523	1451	4.64	cps
Barium	135-1	63608	65222	64894	64575	1.32	cps
Barium	137-1	112917	110357	110206	111160	1.37	cps
Beryllium	9-1	3120	3017	3077	3071	1.69	cps
Bismuth	209-1	8837358	8543055	8461972	8614128	2.29	cps
Bismuth	209-2	7025132	7097599	7156477	7093069	0.93	cps
Bromine	81-1	15358	15548	15221	15376	1.07	cps
Bromine	81-2	200	170	177	182	8.64	cps
Cadmium	108-1	537	467	427	477	11.68	cps
Cadmium	106-1	4271	3841	3817	3976	6.42	cps
Cadmium	111-1	9905	10012	10037	9985	0.70	cps
Calcium	43-1	34850	35605	34703	35053	1.38	cps
Calcium	44-1	575163	571353	571844	572787	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22861	22150	22303	22438	1.67	cps
Cobalt	59-2	17250	17190	16629	17023	2.01	cps
Copper	63-2	25826	25936	25822	25861	0.25	cps
Dysprosium	156-1	13	0	20	11	91.66	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	50	50	40	47	12.37	cps
Erbium	164-2	47	53	37	46	18.41	cps
Gadolinium	160-1	37	43	33	38	13.48	cps
Gadolinium	160-2	450	553	587	530	13.45	cps
Holmium	165-1	14124749	13817377	13925502	13955876	1.12	cps
Holmium	165-2	9971398	10075710	10052854	10033321	0.55	cps
Indium	115-1	11370722	11357505	11065062	11264430	1.53	cps
Indium	115-2	4255508	4244067	4252468	4250681	0.14	cps
Iron	56-2	2065244	2067575	2050953	2061258	0.44	cps
Iron	57-2	52990	53217	53291	53166	0.30	cps
Iron	54-2	117071	115757	116493	116440	0.57	cps
Krypton	83-1	187	193	187	189	2.04	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:49:20	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20305	20148	20632	20362	1.21	cps
Lead	207-1	18269	17321	17949	17846	2.70	cps
Lead	208-1	80807	79963	81151	80640	0.76	cps
Lithium	6-1	1396313	1388213	1403202	1395909	0.54	cps
Magnesium	24-2	474069	471355	473446	472957	0.30	cps
Manganese	55-2	9616	9283	9513	9471	1.80	cps
Molybdenum	94-1	52290	53173	52434	52632	0.90	cps
Molybdenum	95-1	62760	63959	63457	63392	0.95	cps
Molybdenum	96-1	71313	71527	70663	71168	0.63	cps
Molybdenum	97-1	40570	39747	40102	40140	1.03	cps
Molybdenum	98-1	102694	104544	103177	103472	0.93	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	4487	4607	4554	4550	1.32	cps
Phosphorus	31-2	877	890	923	897	2.68	cps
Potassium	39-2	701497	699964	699476	700313	0.15	cps
Rhodium	103-1	10714994	10648394	10584372	10649253	0.61	cps
Rhodium	103-2	6459578	6447226	6456279	6454361	0.10	cps
Scandium	45-1	6180020	6094773	5994614	6089802	1.52	cps
Scandium	45-2	554045	552350	554778	553725	0.22	cps
Selenium	82-1	2465	2390	2412	2422	1.61	cps
Selenium	77-2	273	213	230	239	12.97	cps
Selenium	78-2	1340	1297	1190	1276	6.05	cps
Silicon	28-1	747929	746278	747145	747117	0.11	cps
Silver	107-1	33101	33696	33873	33556	1.20	cps
Silver	109-1	32179	31945	32486	32204	0.84	cps
Sodium	23-2	785744	782797	787608	785383	0.31	cps
Strontium	86-1	8436	8069	8523	8342	2.89	cps
Strontium	88-1	70669	70836	70618	70708	0.16	cps
Sulfur	34-1	190636	191331	192242	191403	0.42	cps
Terbium	159-1	14828309	14412511	14379332	14540051	1.72	cps
Terbium	159-2	9826699	9801988	9785277	9804655	0.21	cps
Thallium	203-1	24308	25197	24492	24666	1.90	cps
Thallium	205-1	59683	58883	59386	59317	0.68	cps
Tin	118-1	107893	109284	108827	108668	0.65	cps
Titanium	47-1	3781	3891	3927	3866	1.97	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	PB165755BS	Instrumnet Name :	P7
Client Sample ID :	LCS755	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:49:20	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67779	69320	67907	68335	1.25	cps
Vanadium	51-2	48758	47558	48514	48277	1.31	cps
Yttrium	89-1	13165104	13018093	12922497	13035231	0.94	cps
Yttrium	89-2	3635835	3671699	3590108	3632547	1.13	cps
Zinc	66-2	10644	10734	10624	10667	0.55	cps
Zirconium	90-1	42946	43985	44250	43727	1.58	cps
Zirconium	91-1	9880	9760	9900	9847	0.77	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:53:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5318265	5213311	5235113	5255563	1.05	cps
Antimony	121-1	9434467	9505692	9325226	9421795	0.96	cps
Arsenic	75-2	1139904	1127245	1133932	1133694	0.56	cps
Barium	135-1	820765	829499	824530	824931	0.53	cps
Barium	137-1	1416079	1434286	1439623	1429996	0.86	cps
Beryllium	9-1	1037	960	1020	1006	4.01	cps
Bismuth	209-1	9168227	9177405	9167519	9171050	0.06	cps
Bismuth	209-2	7499105	7399061	7425368	7441178	0.70	cps
Bromine	81-1	63131	67376	69408	66638	4.81	cps
Bromine	81-2	11011	11144	11178	11111	0.79	cps
Cadmium	108-1	1357	1300	1570	1409	10.11	cps
Cadmium	106-1	5378	5391	5431	5400	0.51	cps
Cadmium	111-1	12856	13108	12882	12949	1.07	cps
Calcium	43-1	478864	487001	478370	481412	1.01	cps
Calcium	44-1	7427901	7606260	7650256	7561472	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238493	238046	237592	238044	0.19	cps
Cobalt	59-2	1471266	1447283	1438450	1452333	1.17	cps
Copper	63-2	6512899	6430083	6465140	6469374	0.64	cps
Dysprosium	156-1	33944	35044	34385	34458	1.61	cps
Dysprosium	156-2	28071	28222	27303	27865	1.77	cps
Erbium	164-1	33437	33584	34442	33821	1.61	cps
Erbium	164-2	23516	22869	23730	23372	1.92	cps
Gadolinium	160-1	33647	34375	34512	34178	1.36	cps
Gadolinium	160-2	24932	25186	24916	25011	0.61	cps
Holmium	165-1	14874801	15035750	14762997	14891183	0.92	cps
Holmium	165-2	10422828	10475862	10265692	10388128	1.05	cps
Indium	115-1	12984037	12917905	12822245	12908062	0.63	cps
Indium	115-2	4833325	4782671	4823303	4813100	0.56	cps
Iron	56-2	519458352	514168432	517456566	517027783	0.52	cps
Iron	57-2	13104958	12628699	12619759	12784472	2.17	cps
Iron	54-2	28457835	27969103	28164359	28197099	0.87	cps
Krypton	83-1	227	227	273	242	11.12	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:53:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17221748	17541099	17438618	17400488	0.94	cps
Lead	207-1	14910064	15256534	15196655	15121084	1.22	cps
Lead	208-1	68564004	69398461	68961910	68974792	0.61	cps
Lithium	6-1	1418941	1421683	1386150	1408925	1.40	cps
Magnesium	24-2	5133628	5058543	5065102	5085758	0.82	cps
Manganese	55-2	3099563	3144044	3087398	3110335	0.96	cps
Molybdenum	94-1	168146	171356	171169	170224	1.06	cps
Molybdenum	95-1	147889	151111	149858	149619	1.09	cps
Molybdenum	96-1	179902	182271	180570	180914	0.68	cps
Molybdenum	97-1	93335	94396	94338	94023	0.63	cps
Molybdenum	98-1	241528	243392	240783	241901	0.56	cps
Neodymium	150-1	52557	52919	52166	52547	0.72	cps
Neodymium	150-2	31692	31422	31953	31689	0.84	cps
Nickel	60-2	102779	101853	102417	102349	0.46	cps
Phosphorus	31-2	21519	21892	21625	21679	0.89	cps
Potassium	39-2	2780517	2796403	2805054	2793991	0.45	cps
Rhodium	103-1	10846793	10832107	11004154	10894351	0.88	cps
Rhodium	103-2	6769791	6821356	6734736	6775294	0.64	cps
Scandium	45-1	6385605	6423022	6332843	6380490	0.71	cps
Scandium	45-2	594460	592912	591001	592791	0.29	cps
Selenium	82-1	889	925	751	855	10.73	cps
Selenium	77-2	103	127	127	119	11.33	cps
Selenium	78-2	737	623	770	710	10.83	cps
Silicon	28-1	26460967	26399615	26295247	26385276	0.32	cps
Silver	107-1	49715	50648	50548	50304	1.02	cps
Silver	109-1	48076	47765	47681	47841	0.43	cps
Sodium	23-2	10482553	10331882	10459074	10424503	0.78	cps
Strontium	86-1	500453	502781	502383	501873	0.25	cps
Strontium	88-1	4515142	4609149	4549447	4557913	1.04	cps
Sulfur	34-1	323573	320604	314325	319501	1.48	cps
Terbium	159-1	15160043	15277718	15129286	15189015	0.52	cps
Terbium	159-2	10366969	10165342	10183743	10238685	1.09	cps
Thallium	203-1	9930	9774	10334	10013	2.89	cps
Thallium	205-1	23303	23841	23934	23693	1.44	cps
Tin	118-1	2391171	2427996	2396119	2405095	0.83	cps
Titanium	47-1	1146029	1157233	1161938	1155067	0.71	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:53:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	86571	90105	87752	88143	2.04	cps
Vanadium	51-2	291696	287938	287664	289099	0.78	cps
Yttrium	89-1	14207910	14166861	14105387	14160053	0.36	cps
Yttrium	89-2	3947888	3961924	3907198	3939003	0.72	cps
Zinc	66-2	7428188	7361162	7487387	7425579	0.85	cps
Zirconium	90-1	226429	230400	227357	228062	0.91	cps
Zirconium	91-1	51661	52058	52544	52088	0.85	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-02	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:56:44	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5109296	5021406	5111230	5080644	1.01	cps
Antimony	121-1	9097252	9238335	9284003	9206530	1.06	cps
Arsenic	75-2	1107054	1112092	1115208	1111452	0.37	cps
Barium	135-1	807205	812125	816917	812082	0.60	cps
Barium	137-1	1387188	1406361	1409133	1400894	0.85	cps
Beryllium	9-1	950	943	957	950	0.70	cps
Bismuth	209-1	9304317	9283838	9244774	9277643	0.33	cps
Bismuth	209-2	7449676	7411299	7375065	7412013	0.50	cps
Bromine	81-1	59814	64353	66191	63453	5.17	cps
Bromine	81-2	10904	10937	10284	10708	3.44	cps
Cadmium	108-1	1190	1293	1300	1261	4.89	cps
Cadmium	106-1	5378	5558	5561	5499	1.91	cps
Cadmium	111-1	12672	12942	12467	12694	1.88	cps
Calcium	43-1	451725	456690	459785	456067	0.89	cps
Calcium	44-1	7123727	7179232	7084068	7129009	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231090	231778	232332	231733	0.27	cps
Cobalt	59-2	1369646	1379185	1385628	1378153	0.58	cps
Copper	63-2	6193953	6200940	6258300	6217731	0.57	cps
Dysprosium	156-1	33921	34138	35027	34362	1.71	cps
Dysprosium	156-2	27968	27317	27654	27646	1.18	cps
Erbium	164-1	33129	33704	34389	33741	1.87	cps
Erbium	164-2	23563	23680	23600	23614	0.25	cps
Gadolinium	160-1	33320	34225	34182	33909	1.51	cps
Gadolinium	160-2	25163	25366	25573	25367	0.81	cps
Holmium	165-1	15079538	15043013	15056014	15059522	0.12	cps
Holmium	165-2	10618034	10539323	10307974	10488443	1.54	cps
Indium	115-1	13141347	13075102	13040902	13085783	0.39	cps
Indium	115-2	4791791	4794557	4827248	4804532	0.41	cps
Iron	56-2	507474686	499629393	504246419	503783499	0.78	cps
Iron	57-2	12530485	12523078	12627871	12560478	0.47	cps
Iron	54-2	27535010	28018055	27668035	27740367	0.90	cps
Krypton	83-1	303	233	257	264	13.48	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-02	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:56:44	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16859114	16794192	16989546	16880951	0.59	cps
Lead	207-1	14579755	14750114	14780211	14703360	0.74	cps
Lead	208-1	66403296	67282651	67341843	67009263	0.78	cps
Lithium	6-1	1392616	1343407	1338779	1358267	2.20	cps
Magnesium	24-2	4988156	4991071	4956899	4978709	0.38	cps
Manganese	55-2	3085526	3065653	3094580	3081919	0.48	cps
Molybdenum	94-1	160704	162190	162389	161761	0.57	cps
Molybdenum	95-1	143189	145977	146619	145261	1.26	cps
Molybdenum	96-1	174143	176340	176511	175665	0.75	cps
Molybdenum	97-1	90740	90575	91820	91045	0.74	cps
Molybdenum	98-1	231680	234361	235469	233836	0.83	cps
Neodymium	150-1	52471	52440	53354	52755	0.98	cps
Neodymium	150-2	31739	32210	32070	32006	0.76	cps
Nickel	60-2	100346	99819	99973	100046	0.27	cps
Phosphorus	31-2	20878	21655	21659	21397	2.10	cps
Potassium	39-2	2717365	2715434	2721414	2718071	0.11	cps
Rhodium	103-1	11094212	10979134	11001855	11025067	0.55	cps
Rhodium	103-2	6831075	6805056	6700119	6778750	1.02	cps
Scandium	45-1	6479947	6345385	6374842	6400058	1.11	cps
Scandium	45-2	596259	595237	592026	594507	0.37	cps
Selenium	82-1	713	790	769	757	5.29	cps
Selenium	77-2	177	113	140	143	22.19	cps
Selenium	78-2	713	663	747	708	5.93	cps
Silicon	28-1	25238943	25030750	25612770	25294154	1.17	cps
Silver	107-1	47273	47604	47661	47513	0.44	cps
Silver	109-1	44565	45040	45735	45113	1.30	cps
Sodium	23-2	10067145	10136412	10060881	10088146	0.42	cps
Strontium	86-1	478026	487636	487306	484323	1.13	cps
Strontium	88-1	4337411	4329627	4426386	4364475	1.23	cps
Sulfur	34-1	295240	296198	293510	294982	0.46	cps
Terbium	159-1	15633148	15236165	15392784	15420699	1.30	cps
Terbium	159-2	10333659	10405387	10178298	10305781	1.13	cps
Thallium	203-1	8696	9243	9700	9213	5.46	cps
Thallium	205-1	21300	22105	23043	22149	3.94	cps
Tin	118-1	2281459	2339337	2341462	2320753	1.47	cps
Titanium	47-1	1077202	1099219	1109996	1095472	1.53	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-02	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 17:56:44	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	85129	85907	86260	85765	0.67	cps
Vanadium	51-2	285919	284127	286261	285436	0.40	cps
Yttrium	89-1	14374060	14257354	14432601	14354672	0.62	cps
Yttrium	89-2	3960848	4001505	3891564	3951306	1.41	cps
Zinc	66-2	7273541	7278341	7240940	7264274	0.28	cps
Zirconium	90-1	210984	214493	215051	213509	1.03	cps
Zirconium	91-1	47834	49386	49062	48761	1.68	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 17:59:45	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1010503	1015925	1020961	1015796	0.51	cps
Antimony	121-1	1845050	1860200	1847259	1850836	0.44	cps
Arsenic	75-2	225687	225098	223619	224802	0.47	cps
Barium	135-1	163048	164515	163192	163585	0.49	cps
Barium	137-1	280267	281746	279630	280548	0.39	cps
Beryllium	9-1	153	200	250	201	24.04	cps
Bismuth	209-1	8999712	8923290	8932718	8951907	0.47	cps
Bismuth	209-2	7238934	7252836	7305782	7265851	0.49	cps
Bromine	81-1	26925	25766	25976	26222	2.35	cps
Bromine	81-2	2210	2560	2490	2420	7.65	cps
Cadmium	108-1	297	213	300	270	18.19	cps
Cadmium	106-1	3724	3617	3454	3598	3.78	cps
Cadmium	111-1	4303	4384	4338	4342	0.94	cps
Calcium	43-1	94636	94680	94240	94519	0.26	cps
Calcium	44-1	1500458	1484247	1477377	1487361	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47953	47515	48287	47918	0.81	cps
Cobalt	59-2	283405	278843	283881	282043	0.99	cps
Copper	63-2	1242407	1230890	1235069	1236122	0.47	cps
Dysprosium	156-1	6675	6805	6772	6751	1.00	cps
Dysprosium	156-2	5691	5441	5561	5565	2.25	cps
Erbium	164-1	6862	6652	6488	6667	2.81	cps
Erbium	164-2	4981	4768	4811	4853	2.32	cps
Gadolinium	160-1	6712	6792	6648	6717	1.07	cps
Gadolinium	160-2	5511	5201	5421	5378	2.97	cps
Holmium	165-1	14437515	14711184	14557669	14568790	0.94	cps
Holmium	165-2	10136693	10195312	10223105	10185037	0.43	cps
Indium	115-1	11926966	11988206	11829988	11915053	0.67	cps
Indium	115-2	4432877	4402863	4494993	4443578	1.06	cps
Iron	56-2	101712028	101251398	102136412	101699946	0.44	cps
Iron	57-2	2553494	2507523	2544662	2535226	0.96	cps
Iron	54-2	5618055	5422567	5591782	5544135	1.91	cps
Krypton	83-1	220	193	220	211	7.29	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 17:59:45	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3435676	3444283	3409377	3429779	0.53	cps
Lead	207-1	3028442	2997023	2979205	3001557	0.83	cps
Lead	208-1	13742577	13583819	13644188	13656861	0.59	cps
Lithium	6-1	1327357	1297369	1317447	1314058	1.16	cps
Magnesium	24-2	985527	974716	984256	981500	0.60	cps
Manganese	55-2	599462	596223	605792	600492	0.81	cps
Molybdenum	94-1	32920	33368	32847	33045	0.85	cps
Molybdenum	95-1	29510	29496	28989	29332	1.01	cps
Molybdenum	96-1	35797	35737	34972	35502	1.30	cps
Molybdenum	97-1	18819	18395	18432	18549	1.27	cps
Molybdenum	98-1	47882	47791	47266	47646	0.70	cps
Neodymium	150-1	9954	10364	10337	10218	2.25	cps
Neodymium	150-2	6271	6191	6672	6378	4.03	cps
Nickel	60-2	21098	20838	20387	20774	1.73	cps
Phosphorus	31-2	4247	4274	4657	4393	5.22	cps
Potassium	39-2	611685	607940	613015	610880	0.43	cps
Rhodium	103-1	10934465	10671097	10859372	10821645	1.25	cps
Rhodium	103-2	6757685	6749597	6594551	6700611	1.37	cps
Scandium	45-1	6219189	6107553	6186662	6171135	0.93	cps
Scandium	45-2	569446	566481	570321	568749	0.35	cps
Selenium	82-1	490	459	424	458	7.15	cps
Selenium	77-2	10	20	27	19	44.42	cps
Selenium	78-2	540	497	493	510	5.10	cps
Silicon	28-1	5736706	5751825	5775022	5754518	0.34	cps
Silver	107-1	9850	10297	10284	10144	2.51	cps
Silver	109-1	9467	9440	9373	9426	0.51	cps
Sodium	23-2	2111182	2078508	2051024	2080238	1.45	cps
Strontium	86-1	98825	99641	98027	98831	0.82	cps
Strontium	88-1	866179	862311	865939	864810	0.25	cps
Sulfur	34-1	182475	183895	183889	183420	0.45	cps
Terbium	159-1	14803618	14887382	14782512	14824504	0.37	cps
Terbium	159-2	10040174	9952955	10075250	10022793	0.63	cps
Thallium	203-1	2500	2304	2287	2364	5.02	cps
Thallium	205-1	5901	5695	5638	5745	2.41	cps
Tin	118-1	452276	454702	451618	452866	0.36	cps
Titanium	47-1	225797	225720	222505	224674	0.84	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 17:59:45	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16964	17058	17488	17170	1.63	cps
Vanadium	51-2	57349	55970	57000	56773	1.26	cps
Yttrium	89-1	13542756	13369661	13503924	13472114	0.67	cps
Yttrium	89-2	3764719	3716171	3813087	3764659	1.29	cps
Zinc	66-2	1433491	1427834	1439979	1433768	0.42	cps
Zirconium	90-1	44277	43461	42993	43577	1.49	cps
Zirconium	91-1	10194	10040	10114	10116	0.76	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-03	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:02:51	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5183419	5146964	5109528	5146637	0.72	cps
Antimony	121-1	9408965	9523161	9471956	9468027	0.60	cps
Arsenic	75-2	1112444	1095814	1102944	1103734	0.76	cps
Barium	135-1	2261355	2301504	2282015	2281625	0.88	cps
Barium	137-1	3933166	3929445	3843842	3902151	1.29	cps
Beryllium	9-1	14517	14447	14237	14400	1.01	cps
Bismuth	209-1	9301216	9230476	9275534	9269075	0.39	cps
Bismuth	209-2	7359206	7345304	7393837	7366116	0.34	cps
Bromine	81-1	61320	65096	67775	64730	5.01	cps
Bromine	81-2	10557	10691	10397	10548	1.39	cps
Cadmium	108-1	3604	3594	3640	3613	0.68	cps
Cadmium	106-1	8629	8419	8513	8520	1.24	cps
Cadmium	111-1	47978	47522	48231	47911	0.75	cps
Calcium	43-1	456015	461658	459024	458899	0.62	cps
Calcium	44-1	7067845	7200047	7088890	7118927	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	451773	452528	456854	453718	0.60	cps
Cobalt	59-2	2326187	2269282	2304103	2299858	1.25	cps
Copper	63-2	6593886	6468538	6511767	6524731	0.98	cps
Dysprosium	156-1	33420	33881	33386	33562	0.82	cps
Dysprosium	156-2	27070	27073	27784	27309	1.51	cps
Erbium	164-1	32257	33300	33791	33116	2.36	cps
Erbium	164-2	23330	22605	23169	23035	1.65	cps
Gadolinium	160-1	32959	33567	33503	33343	1.00	cps
Gadolinium	160-2	24208	24602	24645	24485	0.98	cps
Holmium	165-1	14843939	14747956	14898496	14830130	0.51	cps
Holmium	165-2	10346919	10344899	10603355	10431724	1.42	cps
Indium	115-1	13021289	13026583	12906977	12984950	0.52	cps
Indium	115-2	4777206	4728643	4806072	4770641	0.82	cps
Iron	56-2	495412726	497758046	497565873	496912215	0.26	cps
Iron	57-2	12523676	12347167	12292792	12387878	0.97	cps
Iron	54-2	27237005	26973060	27482740	27230935	0.94	cps
Krypton	83-1	223	297	267	262	14.06	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-03	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:02:51	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16656742	16844931	16801419	16767698	0.59	cps
Lead	207-1	14634995	14709335	14628762	14657697	0.31	cps
Lead	208-1	66930294	67466657	66727809	67041587	0.57	cps
Lithium	6-1	1364814	1319163	1322579	1335518	1.90	cps
Magnesium	24-2	4918380	4931667	4865066	4905038	0.72	cps
Manganese	55-2	3433789	3455596	3483532	3457639	0.72	cps
Molybdenum	94-1	161816	165062	163991	163623	1.01	cps
Molybdenum	95-1	143801	143388	144333	143841	0.33	cps
Molybdenum	96-1	172285	175756	173955	173999	1.00	cps
Molybdenum	97-1	90008	90920	91112	90680	0.65	cps
Molybdenum	98-1	232386	232942	232552	232627	0.12	cps
Neodymium	150-1	51263	52019	51657	51646	0.73	cps
Neodymium	150-2	30430	30222	30045	30232	0.64	cps
Nickel	60-2	321509	320157	317650	319772	0.61	cps
Phosphorus	31-2	20778	21272	20954	21001	1.19	cps
Potassium	39-2	2698050	2663539	2695216	2685602	0.71	cps
Rhodium	103-1	11053806	11058315	10783455	10965192	1.44	cps
Rhodium	103-2	6787406	6621816	6733718	6714314	1.26	cps
Scandium	45-1	6240644	6320524	6283065	6281411	0.64	cps
Scandium	45-2	587864	586635	592188	588896	0.50	cps
Selenium	82-1	5194	5094	5100	5129	1.09	cps
Selenium	77-2	690	580	640	637	8.65	cps
Selenium	78-2	2207	2304	2267	2259	2.16	cps
Silicon	28-1	24966010	25784341	25398979	25383110	1.61	cps
Silver	107-1	220202	222083	220637	220974	0.45	cps
Silver	109-1	208400	212750	210690	210613	1.03	cps
Sodium	23-2	10036498	9973226	10025863	10011862	0.34	cps
Strontium	86-1	482592	489294	484211	485366	0.72	cps
Strontium	88-1	4398808	4438095	4388256	4408386	0.60	cps
Sulfur	34-1	291228	292426	288993	290882	0.60	cps
Terbium	159-1	15253590	15426544	15172173	15284102	0.85	cps
Terbium	159-2	10193545	10222029	10256429	10224001	0.31	cps
Thallium	203-1	133557	133914	134682	134051	0.43	cps
Thallium	205-1	316628	319184	324653	320155	1.28	cps
Tin	118-1	2339471	2341480	2300397	2327116	1.00	cps
Titanium	47-1	1092668	1095398	1096889	1094985	0.20	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-03	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:02:51	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	84914	85836	86528	85759	0.94	cps
Vanadium	51-2	773050	756108	765943	765034	1.11	cps
Yttrium	89-1	14249121	14152760	14178909	14193597	0.35	cps
Yttrium	89-2	3863280	3895803	3972797	3910627	1.44	cps
Zinc	66-2	7303769	7203298	7208545	7238537	0.78	cps
Zirconium	90-1	216922	220805	217101	218276	1.00	cps
Zirconium	91-1	49734	49834	50393	49987	0.71	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01	Instrumnet Name :	P7
Client Sample ID :	MJNKG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:05:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3962443	3871461	3957650	3930518	1.30	cps
Antimony	121-1	3826198	3978557	3899135	3901296	1.95	cps
Arsenic	75-2	383477	384194	385208	384293	0.23	cps
Barium	135-1	359207	373434	372513	368385	2.16	cps
Barium	137-1	622684	638839	643511	635011	1.72	cps
Beryllium	9-1	523	540	580	548	5.32	cps
Bismuth	209-1	10306269	9384276	9290622	9660389	5.81	cps
Bismuth	209-2	7794739	7395398	7145467	7445201	4.40	cps
Bromine	81-1	45376	48392	49824	47864	4.74	cps
Bromine	81-2	7208	6952	7275	7145	2.39	cps
Cadmium	108-1	637	590	627	618	3.98	cps
Cadmium	106-1	4394	4147	4081	4207	3.92	cps
Cadmium	111-1	7669	7719	8071	7819	2.80	cps
Calcium	43-1	308466	321076	320159	316567	2.22	cps
Calcium	44-1	4831406	4974807	4942753	4916322	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	193281	193883	193516	193560	0.16	cps
Cobalt	59-2	517372	518929	519821	518708	0.24	cps
Copper	63-2	2213859	2245369	2222936	2227388	0.73	cps
Dysprosium	156-1	29224	31218	30329	30257	3.30	cps
Dysprosium	156-2	24288	24361	24742	24464	1.00	cps
Erbium	164-1	28182	29505	29388	29025	2.52	cps
Erbium	164-2	19540	20231	19911	19894	1.74	cps
Gadolinium	160-1	29354	30269	30667	30097	2.24	cps
Gadolinium	160-2	22391	22425	22338	22385	0.20	cps
Holmium	165-1	16924074	15369086	14941865	15745008	6.63	cps
Holmium	165-2	11003030	10491074	10297718	10597274	3.44	cps
Indium	115-1	13871863	12731737	12498363	13033988	5.64	cps
Indium	115-2	4768449	4542401	4512972	4607941	3.03	cps
Iron	56-2	249866683	250182370	251315916	250454990	0.30	cps
Iron	57-2	6233240	6196975	6271928	6234048	0.60	cps
Iron	54-2	13580614	13608196	13857780	13682197	1.12	cps
Krypton	83-1	213	267	270	250	12.72	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01	Instrumnet Name :	P7
Client Sample ID :	MJNKG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:05:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6600506	6858569	6682850	6713975	1.96	cps
Lead	207-1	5756337	5874667	5794787	5808597	1.04	cps
Lead	208-1	26102703	26937296	26453088	26497696	1.58	cps
Lithium	6-1	1477118	1336604	1310110	1374611	6.53	cps
Magnesium	24-2	4208495	4183484	4195066	4195682	0.30	cps
Manganese	55-2	2197920	2164969	2237371	2200086	1.65	cps
Molybdenum	94-1	59002	59999	59888	59630	0.92	cps
Molybdenum	95-1	56529	59125	59246	58300	2.63	cps
Molybdenum	96-1	68118	70978	70563	69886	2.21	cps
Molybdenum	97-1	36225	37254	36973	36817	1.44	cps
Molybdenum	98-1	91736	96087	96026	94616	2.64	cps
Neodymium	150-1	44724	46955	47058	46246	2.85	cps
Neodymium	150-2	27674	27494	27216	27461	0.84	cps
Nickel	60-2	86038	87081	87574	86897	0.90	cps
Phosphorus	31-2	14877	15164	14577	14873	1.97	cps
Potassium	39-2	2021135	2002455	1984950	2002847	0.90	cps
Rhodium	103-1	12355803	11380932	11200657	11645798	5.34	cps
Rhodium	103-2	7093496	6818882	6647151	6853176	3.29	cps
Scandium	45-1	6998662	6318184	6314961	6543935	6.02	cps
Scandium	45-2	626795	592133	587697	602208	3.55	cps
Selenium	82-1	736	616	557	636	14.33	cps
Selenium	77-2	87	107	93	96	10.66	cps
Selenium	78-2	527	623	630	593	9.75	cps
Silicon	28-1	18207766	19127433	19210772	18848657	2.95	cps
Silver	107-1	16960	17017	17040	17006	0.24	cps
Silver	109-1	16343	15909	15699	15983	2.05	cps
Sodium	23-2	8429063	8398917	8516572	8448184	0.72	cps
Strontium	86-1	300653	313483	314812	309649	2.53	cps
Strontium	88-1	2755763	2835931	2851565	2814420	1.83	cps
Sulfur	34-1	251146	256044	251609	252933	1.07	cps
Terbium	159-1	17019116	15721061	15532804	16090994	5.03	cps
Terbium	159-2	10813130	10250420	10208454	10424001	3.24	cps
Thallium	203-1	5268	5735	5578	5527	4.30	cps
Thallium	205-1	12950	13787	13700	13479	3.42	cps
Tin	118-1	708811	733637	735103	725850	2.04	cps
Titanium	47-1	802643	836159	835548	824784	2.33	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01	Instrumnet Name :	P7
Client Sample ID :	MJNKG0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:05:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50122	52591	51550	51421	2.41	cps
Vanadium	51-2	247623	246678	245602	246634	0.41	cps
Yttrium	89-1	15752182	14484848	14294457	14843829	5.34	cps
Yttrium	89-2	4093807	3910002	3860852	3954887	3.10	cps
Zinc	66-2	2856810	2905876	2931820	2898169	1.31	cps
Zirconium	90-1	67488	71172	73395	70685	4.22	cps
Zirconium	91-1	15398	16723	16326	16149	4.21	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-02	Instrumnet Name :	P7
Client Sample ID :	MJNKG0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:08:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3341857	3331562	3373437	3348952	0.65	cps
Antimony	121-1	3473190	3491333	3543777	3502767	1.05	cps
Arsenic	75-2	340130	340151	339204	339828	0.16	cps
Barium	135-1	325272	325539	326043	325618	0.12	cps
Barium	137-1	558860	563456	568675	563663	0.87	cps
Beryllium	9-1	483	640	567	563	13.91	cps
Bismuth	209-1	9266044	9263109	9286793	9271982	0.14	cps
Bismuth	209-2	7309861	7184219	7309445	7267842	1.00	cps
Bromine	81-1	42711	44687	45788	44395	3.51	cps
Bromine	81-2	6261	6451	6408	6374	1.56	cps
Cadmium	108-1	543	567	517	542	4.61	cps
Cadmium	106-1	4134	4047	3947	4043	2.31	cps
Cadmium	111-1	7416	7404	7172	7331	1.87	cps
Calcium	43-1	317210	322058	323585	320951	1.04	cps
Calcium	44-1	4975334	5007645	5144751	5042577	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165834	163364	163216	164138	0.90	cps
Cobalt	59-2	478241	481460	477588	479096	0.43	cps
Copper	63-2	2061675	2063094	2053287	2059352	0.26	cps
Dysprosium	156-1	27357	27804	28228	27796	1.57	cps
Dysprosium	156-2	21864	22455	22598	22306	1.75	cps
Erbium	164-1	25650	26098	26054	25934	0.95	cps
Erbium	164-2	17731	17588	17181	17500	1.63	cps
Gadolinium	160-1	27677	27798	28068	27848	0.72	cps
Gadolinium	160-2	20515	20325	20812	20551	1.20	cps
Holmium	165-1	15196737	14755410	15200951	15051033	1.70	cps
Holmium	165-2	10483830	10236450	10448678	10389653	1.29	cps
Indium	115-1	12436548	12200515	12460673	12365912	1.16	cps
Indium	115-2	4546284	4576205	4489973	4537487	0.96	cps
Iron	56-2	222480257	223907497	219953810	222113854	0.90	cps
Iron	57-2	5594380	5495246	5485386	5525004	1.09	cps
Iron	54-2	12135014	12056424	12023762	12071733	0.47	cps
Krypton	83-1	293	280	320	298	6.84	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-02	Instrumnet Name :	P7
Client Sample ID :	MJNKG0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:08:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5941458	5980228	5927860	5949849	0.46	cps
Lead	207-1	5284443	5256424	5229958	5256941	0.52	cps
Lead	208-1	23748209	23806858	23662118	23739062	0.31	cps
Lithium	6-1	1301708	1265323	1282862	1283298	1.42	cps
Magnesium	24-2	3648520	3708926	3690513	3682653	0.84	cps
Manganese	55-2	1944687	1886058	1907469	1912738	1.55	cps
Molybdenum	94-1	51129	50189	50467	50595	0.95	cps
Molybdenum	95-1	49878	49701	50517	50032	0.86	cps
Molybdenum	96-1	60725	59480	60608	60271	1.14	cps
Molybdenum	97-1	31771	31430	31257	31486	0.83	cps
Molybdenum	98-1	80892	81261	81056	81070	0.23	cps
Neodymium	150-1	42046	42765	42761	42524	0.97	cps
Neodymium	150-2	24949	24912	24648	24836	0.66	cps
Nickel	60-2	77877	77371	76936	77395	0.61	cps
Phosphorus	31-2	13609	13316	13710	13545	1.51	cps
Potassium	39-2	1793481	1768809	1774788	1779026	0.72	cps
Rhodium	103-1	11139443	11115897	10999960	11085100	0.67	cps
Rhodium	103-2	6897694	6717787	6759562	6791681	1.39	cps
Scandium	45-1	6273647	6389193	6326144	6329661	0.91	cps
Scandium	45-2	580465	579497	582939	580967	0.31	cps
Selenium	82-1	551	541	484	525	6.92	cps
Selenium	77-2	77	130	103	103	25.80	cps
Selenium	78-2	650	597	577	608	6.24	cps
Silicon	28-1	17249674	17830070	17297270	17459005	1.85	cps
Silver	107-1	15298	15375	14921	15198	1.60	cps
Silver	109-1	14057	14701	14040	14266	2.64	cps
Sodium	23-2	7683179	7752532	7641689	7692467	0.73	cps
Strontium	86-1	290788	293626	292480	292298	0.49	cps
Strontium	88-1	2652832	2666453	2637097	2652127	0.55	cps
Sulfur	34-1	242155	243930	245247	243778	0.64	cps
Terbium	159-1	15444139	15425343	15516411	15461964	0.31	cps
Terbium	159-2	10279919	10116033	10310864	10235605	1.02	cps
Thallium	203-1	4861	4968	5104	4978	2.45	cps
Thallium	205-1	11145	11762	11735	11547	3.02	cps
Tin	118-1	650347	652214	649461	650674	0.22	cps
Titanium	47-1	695569	711361	710534	705821	1.26	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-02	Instrumnet Name :	P7
Client Sample ID :	MJNKG0D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:08:49	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45174	46389	45582	45715	1.35	cps
Vanadium	51-2	212241	214150	211487	212626	0.65	cps
Yttrium	89-1	14424922	14194412	14524430	14381255	1.18	cps
Yttrium	89-2	3918153	3900351	3915789	3911431	0.25	cps
Zinc	66-2	2646474	2666448	2600522	2637815	1.28	cps
Zirconium	90-1	59684	59272	59999	59652	0.61	cps
Zirconium	91-1	13860	13139	13523	13507	2.67	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKG0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:11:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	809084	804133	806919	806712	0.31	cps
Antimony	121-1	777401	771169	773402	773991	0.41	cps
Arsenic	75-2	80349	79903	80584	80279	0.43	cps
Barium	135-1	77442	76504	76276	76741	0.81	cps
Barium	137-1	132046	131155	132824	132008	0.63	cps
Beryllium	9-1	147	160	147	151	5.09	cps
Bismuth	209-1	8936943	8998027	8908410	8947793	0.51	cps
Bismuth	209-2	7206696	7164718	7014102	7128505	1.42	cps
Bromine	81-1	22317	22407	22674	22466	0.83	cps
Bromine	81-2	1627	1617	1693	1646	2.53	cps
Cadmium	108-1	147	103	133	128	17.37	cps
Cadmium	106-1	3257	3310	3177	3248	2.07	cps
Cadmium	111-1	3362	3391	3294	3349	1.49	cps
Calcium	43-1	65872	66227	66167	66089	0.29	cps
Calcium	44-1	1077564	1074949	1072590	1075034	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41875	42303	41761	41979	0.68	cps
Cobalt	59-2	109348	108425	108905	108893	0.42	cps
Copper	63-2	453831	453972	454719	454174	0.11	cps
Dysprosium	156-1	6435	6482	6151	6356	2.81	cps
Dysprosium	156-2	5144	5081	5071	5099	0.78	cps
Erbium	164-1	5988	5995	6081	6021	0.87	cps
Erbium	164-2	4224	4001	4304	4176	3.77	cps
Gadolinium	160-1	6315	5925	6238	6159	3.36	cps
Gadolinium	160-2	5011	5198	4854	5021	3.42	cps
Holmium	165-1	14716407	14428651	14252261	14465773	1.62	cps
Holmium	165-2	10219808	10228405	10086996	10178403	0.78	cps
Indium	115-1	11927826	11646449	11780100	11784792	1.19	cps
Indium	115-2	4373166	4340040	4330617	4347941	0.51	cps
Iron	56-2	52993861	52825876	52315299	52711679	0.67	cps
Iron	57-2	1319627	1314327	1327999	1320651	0.52	cps
Iron	54-2	2874466	2884035	2879532	2879344	0.17	cps
Krypton	83-1	253	173	267	231	21.84	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKG0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:11:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1288222	1277857	1275716	1280598	0.52	cps
Lead	207-1	1103247	1105873	1097600	1102240	0.38	cps
Lead	208-1	5357728	5330019	5322325	5336691	0.35	cps
Lithium	6-1	1274709	1241367	1228347	1248141	1.92	cps
Magnesium	24-2	850056	845241	853717	849672	0.50	cps
Manganese	55-2	454000	450263	452935	452400	0.43	cps
Molybdenum	94-1	12485	12742	12449	12559	1.27	cps
Molybdenum	95-1	12495	12138	11978	12204	2.17	cps
Molybdenum	96-1	14871	14878	14524	14758	1.37	cps
Molybdenum	97-1	7665	8082	7829	7859	2.67	cps
Molybdenum	98-1	19770	19506	19857	19711	0.93	cps
Neodymium	150-1	9780	9663	9954	9799	1.49	cps
Neodymium	150-2	5868	5908	5521	5766	3.69	cps
Nickel	60-2	18461	18502	18885	18616	1.26	cps
Phosphorus	31-2	3344	3524	3227	3365	4.44	cps
Potassium	39-2	473483	471096	472121	472233	0.25	cps
Rhodium	103-1	10930886	10939272	11029647	10966602	0.50	cps
Rhodium	103-2	6707822	6726648	6706278	6713582	0.17	cps
Scandium	45-1	6115864	6077493	6006386	6066581	0.92	cps
Scandium	45-2	572239	569833	568404	570159	0.34	cps
Selenium	82-1	422	459	333	405	15.93	cps
Selenium	77-2	17	30	33	27	33.06	cps
Selenium	78-2	527	447	500	491	8.29	cps
Silicon	28-1	4581875	4502150	4511975	4532000	0.96	cps
Silver	107-1	3510	3424	3787	3574	5.31	cps
Silver	109-1	3487	3277	3420	3395	3.16	cps
Sodium	23-2	1859436	1815798	1798093	1824443	1.73	cps
Strontium	86-1	66379	65528	64688	65531	1.29	cps
Strontium	88-1	564619	562856	568117	565197	0.47	cps
Sulfur	34-1	167368	170860	168993	169074	1.03	cps
Terbium	159-1	15154635	14953909	14803336	14970626	1.18	cps
Terbium	159-2	10076245	10008873	9921203	10002107	0.78	cps
Thallium	203-1	1470	1420	1327	1406	5.18	cps
Thallium	205-1	3437	3464	3227	3376	3.84	cps
Tin	118-1	154444	150954	152895	152764	1.14	cps
Titanium	47-1	172711	172525	173835	173024	0.41	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKG0L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:11:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10361	10514	10524	10466	0.88	cps
Vanadium	51-2	51360	50163	52364	51296	2.15	cps
Yttrium	89-1	13506142	13441765	13454432	13467446	0.25	cps
Yttrium	89-2	3717052	3718258	3659310	3698206	0.91	cps
Zinc	66-2	585017	582101	587906	585008	0.50	cps
Zirconium	90-1	14334	14591	15145	14690	2.82	cps
Zirconium	91-1	3410	3387	3277	3358	2.12	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-03	Instrumnet Name :	P7
Client Sample ID :	MJNKG0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:15:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3671862	3708372	3647840	3676025	0.83	cps
Antimony	121-1	3891939	3960869	3907897	3920235	0.92	cps
Arsenic	75-2	361027	360491	358822	360113	0.32	cps
Barium	135-1	1755748	1787885	1760401	1768012	0.98	cps
Barium	137-1	3053096	3078762	3038854	3056904	0.66	cps
Beryllium	9-1	13696	13739	13466	13634	1.08	cps
Bismuth	209-1	9212619	9231329	9401862	9281937	1.12	cps
Bismuth	209-2	7303597	7316313	7341412	7320440	0.26	cps
Bromine	81-1	43608	45536	46289	45144	3.06	cps
Bromine	81-2	6255	6541	6328	6375	2.34	cps
Cadmium	108-1	2687	2910	2777	2791	4.03	cps
Cadmium	106-1	7442	7112	7162	7239	2.46	cps
Cadmium	111-1	42462	42383	42171	42339	0.36	cps
Calcium	43-1	298770	297054	299382	298402	0.40	cps
Calcium	44-1	4669567	4703972	4665987	4679842	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	398102	401784	395839	398575	0.75	cps
Cobalt	59-2	1345288	1338692	1339748	1341243	0.26	cps
Copper	63-2	2461454	2408380	2353372	2407735	2.24	cps
Dysprosium	156-1	28365	28145	27687	28066	1.23	cps
Dysprosium	156-2	23259	22945	22879	23028	0.88	cps
Erbium	164-1	25987	26809	27066	26621	2.12	cps
Erbium	164-2	18709	18439	18025	18391	1.87	cps
Gadolinium	160-1	27811	28679	28733	28408	1.82	cps
Gadolinium	160-2	21089	20846	20622	20852	1.12	cps
Holmium	165-1	15212254	14792221	14830728	14945068	1.55	cps
Holmium	165-2	10466749	10511262	10258563	10412191	1.30	cps
Indium	115-1	12538507	12282309	12090854	12303890	1.83	cps
Indium	115-2	4574557	4482946	4560237	4539247	1.09	cps
Iron	56-2	230789763	233524110	227381677	230565183	1.33	cps
Iron	57-2	5774401	5761628	5735376	5757135	0.35	cps
Iron	54-2	12703554	12782084	12573803	12686480	0.83	cps
Krypton	83-1	233	247	243	241	2.88	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-03	Instrumnet Name :	P7
Client Sample ID :	MJNKG0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:15:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6105708	6140301	6214665	6153558	0.90	cps
Lead	207-1	5365477	5408733	5355697	5376636	0.52	cps
Lead	208-1	24296195	24581200	24587823	24488406	0.68	cps
Lithium	6-1	1304933	1269587	1238978	1271166	2.60	cps
Magnesium	24-2	3825666	3859734	3753548	3812982	1.42	cps
Manganese	55-2	2498545	2463923	2413096	2458521	1.75	cps
Molybdenum	94-1	53688	54391	55039	54373	1.24	cps
Molybdenum	95-1	52811	54049	53842	53568	1.24	cps
Molybdenum	96-1	63805	64883	63852	64180	0.95	cps
Molybdenum	97-1	33341	33786	33862	33663	0.84	cps
Molybdenum	98-1	85317	86819	86296	86144	0.89	cps
Neodymium	150-1	42845	43102	42818	42922	0.37	cps
Neodymium	150-2	25473	25006	25500	25326	1.10	cps
Nickel	60-2	300141	297704	297207	298351	0.53	cps
Phosphorus	31-2	13883	14110	13423	13805	2.54	cps
Potassium	39-2	1831528	1858010	1842894	1844144	0.72	cps
Rhodium	103-1	11116407	11026980	11044192	11062526	0.43	cps
Rhodium	103-2	6824005	6784897	6689715	6766206	1.02	cps
Scandium	45-1	6433323	6365943	6289819	6363029	1.13	cps
Scandium	45-2	588032	583569	577688	583096	0.89	cps
Selenium	82-1	4884	4893	4946	4908	0.69	cps
Selenium	77-2	583	627	510	573	10.29	cps
Selenium	78-2	2074	2120	2174	2122	2.36	cps
Silicon	28-1	18394347	17605079	17742132	17913853	2.35	cps
Silver	107-1	184564	187380	187994	186646	0.98	cps
Silver	109-1	176638	178595	176868	177367	0.60	cps
Sodium	23-2	7732349	7818527	7712007	7754294	0.73	cps
Strontium	86-1	286269	288667	288502	287812	0.47	cps
Strontium	88-1	2610224	2597340	2608445	2605336	0.27	cps
Sulfur	34-1	243591	241911	242162	242555	0.37	cps
Terbium	159-1	15713457	15373593	15163704	15416918	1.80	cps
Terbium	159-2	10222217	10286623	10300555	10269798	0.41	cps
Thallium	203-1	129011	129230	128892	129044	0.13	cps
Thallium	205-1	303357	305811	309820	306330	1.07	cps
Tin	118-1	667572	674567	671620	671253	0.52	cps
Titanium	47-1	758357	760242	751984	756861	0.57	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5249-03	Instrumnet Name :	P7
Client Sample ID :	MJNKG0S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:15:03	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47716	47813	46428	47319	1.63	cps
Vanadium	51-2	706414	710317	704660	707131	0.41	cps
Yttrium	89-1	14457885	14079614	14145979	14227826	1.42	cps
Yttrium	89-2	3885614	3868416	3848707	3867579	0.48	cps
Zinc	66-2	2791125	2788614	2785551	2788430	0.10	cps
Zirconium	90-1	64163	65251	65000	64804	0.88	cps
Zirconium	91-1	14941	15392	15058	15130	1.55	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:18:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1047807	1043760	1056692	1049420	0.63	cps
Antimony	121-1	72629	74733	74167	73843	1.47	cps
Arsenic	75-2	51134	52047	50954	51379	1.14	cps
Barium	135-1	97720	101381	100176	99759	1.87	cps
Barium	137-1	171131	174142	171473	172249	0.96	cps
Beryllium	9-1	260	223	207	230	11.86	cps
Bismuth	209-1	9760266	9393101	9155053	9436140	3.23	cps
Bismuth	209-2	7424619	7366886	6233672	7008392	9.58	cps
Bromine	81-1	41759	45373	45971	44368	5.14	cps
Bromine	81-2	6361	6121	6381	6288	2.30	cps
Cadmium	108-1	227	243	403	291	33.52	cps
Cadmium	106-1	3671	3477	3440	3529	3.50	cps
Cadmium	111-1	5369	5537	5195	5367	3.19	cps
Calcium	43-1	147792	152103	153029	150975	1.85	cps
Calcium	44-1	2323592	2408787	2344827	2359069	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78215	77374	77736	77775	0.54	cps
Cobalt	59-2	77927	76698	76926	77184	0.85	cps
Copper	63-2	10329888	10096650	10248413	10224984	1.16	cps
Dysprosium	156-1	22542	23730	24328	23533	3.86	cps
Dysprosium	156-2	18759	18736	19684	19060	2.84	cps
Erbium	164-1	20602	20979	21330	20970	1.74	cps
Erbium	164-2	14534	14154	14414	14367	1.35	cps
Gadolinium	160-1	22905	23373	23286	23188	1.07	cps
Gadolinium	160-2	17518	16920	17337	17258	1.78	cps
Holmium	165-1	15788834	15037447	15121591	15315957	2.69	cps
Holmium	165-2	10256999	10409808	8712229	9793012	9.59	cps
Indium	115-1	12755567	12050902	11996052	12267507	3.45	cps
Indium	115-2	4389054	4306665	3702061	4132593	9.08	cps
Iron	56-2	58090521	57765399	57688514	57848145	0.37	cps
Iron	57-2	1434902	1443323	1476122	1451449	1.50	cps
Iron	54-2	3220364	3180065	3219223	3206550	0.72	cps
Krypton	83-1	277	247	263	262	5.73	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:18:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2071391	2111227	2104253	2095623	1.02	cps
Lead	207-1	1769811	1789147	1821848	1793602	1.47	cps
Lead	208-1	8191148	8262645	8265080	8239624	0.51	cps
Lithium	6-1	1331418	1245406	1237232	1271352	4.10	cps
Magnesium	24-2	1307299	1255367	1318441	1293703	2.60	cps
Manganese	55-2	250398	246825	249072	248765	0.73	cps
Molybdenum	94-1	11795	12235	12082	12037	1.86	cps
Molybdenum	95-1	10914	11321	11021	11085	1.90	cps
Molybdenum	96-1	13920	13553	13453	13642	1.80	cps
Molybdenum	97-1	7269	7292	6845	7135	3.53	cps
Molybdenum	98-1	17921	18642	18218	18260	1.98	cps
Neodymium	150-1	36086	37533	37443	37021	2.19	cps
Neodymium	150-2	22398	21770	22461	22210	1.72	cps
Nickel	60-2	20824	21102	21479	21135	1.55	cps
Phosphorus	31-2	14831	14881	15471	15061	2.37	cps
Potassium	39-2	1032700	1027321	1028598	1029540	0.27	cps
Rhodium	103-1	11951654	11264118	11148882	11454885	3.79	cps
Rhodium	103-2	6780441	6814566	5594188	6396398	10.86	cps
Scandium	45-1	6540544	6215153	6171261	6308986	3.20	cps
Scandium	45-2	574143	568641	485398	542727	9.16	cps
Selenium	82-1	433	498	458	463	7.04	cps
Selenium	77-2	60	83	47	63	29.30	cps
Selenium	78-2	570	533	593	566	5.35	cps
Silicon	28-1	11807486	11340972	11298563	11482340	2.46	cps
Silver	107-1	95908	98709	97669	97429	1.45	cps
Silver	109-1	91383	93781	92932	92698	1.31	cps
Sodium	23-2	9407109	9141908	9340796	9296604	1.48	cps
Strontium	86-1	163457	170676	168903	167679	2.24	cps
Strontium	88-1	1456226	1492349	1502725	1483767	1.65	cps
Sulfur	34-1	329720	337811	335756	334429	1.26	cps
Terbium	159-1	16199518	15595631	15403111	15732753	2.64	cps
Terbium	159-2	10230310	10098440	8541263	9623338	9.76	cps
Thallium	203-1	5218	5468	5218	5301	2.72	cps
Thallium	205-1	12539	12686	12743	12656	0.83	cps
Tin	118-1	125041	129970	129516	128176	2.13	cps
Titanium	47-1	278624	283746	282152	281507	0.93	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:18:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37085	39181	38489	38252	2.79	cps
Vanadium	51-2	67972	67560	69543	68358	1.53	cps
Yttrium	89-1	14952309	14117189	14276754	14448750	3.07	cps
Yttrium	89-2	3854494	3834736	3265828	3651686	9.15	cps
Zinc	66-2	399823	396478	406333	400878	1.25	cps
Zirconium	90-1	15555	15618	15545	15573	0.26	cps
Zirconium	91-1	3597	3454	3454	3502	2.36	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-05	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:21:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1074745	1083002	1076393	1078046	0.41	cps
Antimony	121-1	74515	73670	74555	74247	0.67	cps
Arsenic	75-2	50840	50867	50362	50690	0.56	cps
Barium	135-1	94749	95202	95279	95077	0.30	cps
Barium	137-1	165687	166930	165366	165994	0.50	cps
Beryllium	9-1	180	227	220	209	12.08	cps
Bismuth	209-1	9444173	9428980	9289935	9387696	0.91	cps
Bismuth	209-2	7310943	7355314	7391548	7352602	0.55	cps
Bromine	81-1	43848	46600	48155	46201	4.72	cps
Bromine	81-2	6725	6552	6602	6626	1.35	cps
Cadmium	108-1	233	230	197	220	9.22	cps
Cadmium	106-1	3460	3640	3227	3443	6.02	cps
Cadmium	111-1	5332	5643	5301	5425	3.48	cps
Calcium	43-1	157019	158080	157154	157418	0.37	cps
Calcium	44-1	2492118	2468371	2457159	2472549	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80570	79022	80215	79936	1.01	cps
Cobalt	59-2	76256	74601	76035	75630	1.19	cps
Copper	63-2	10325985	10128641	10135541	10196722	1.10	cps
Dysprosium	156-1	23206	23296	23460	23321	0.55	cps
Dysprosium	156-2	18572	18682	18709	18655	0.39	cps
Erbium	164-1	20528	21190	20522	20747	1.85	cps
Erbium	164-2	14084	14424	14010	14173	1.56	cps
Gadolinium	160-1	22986	23774	23323	23361	1.69	cps
Gadolinium	160-2	17368	17571	16980	17306	1.73	cps
Holmium	165-1	15336374	15022159	14873200	15077244	1.57	cps
Holmium	165-2	10269428	10292724	10347740	10303297	0.39	cps
Indium	115-1	12292010	12088865	12107869	12162915	0.92	cps
Indium	115-2	4314093	4323430	4445188	4360904	1.68	cps
Iron	56-2	57363637	56466882	57371556	57067359	0.91	cps
Iron	57-2	1408348	1415893	1418834	1414358	0.38	cps
Iron	54-2	3165247	3119395	3128204	3137615	0.78	cps
Krypton	83-1	210	250	253	238	10.14	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-05	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:21:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2088366	2127283	2077795	2097815	1.24	cps
Lead	207-1	1798146	1827181	1795448	1806925	0.97	cps
Lead	208-1	8283709	8395863	8172784	8284119	1.35	cps
Lithium	6-1	1226282	1270035	1244410	1246909	1.76	cps
Magnesium	24-2	1272717	1280551	1298146	1283805	1.01	cps
Manganese	55-2	240197	242284	242988	241823	0.60	cps
Molybdenum	94-1	12122	11952	12128	12067	0.83	cps
Molybdenum	95-1	11094	11108	10911	11038	1.00	cps
Molybdenum	96-1	13056	13563	13466	13362	2.02	cps
Molybdenum	97-1	6898	6762	6935	6865	1.33	cps
Molybdenum	98-1	17741	17290	17751	17594	1.50	cps
Neodymium	150-1	37543	37513	36928	37328	0.93	cps
Neodymium	150-2	20992	21667	21610	21423	1.75	cps
Nickel	60-2	20558	20501	20981	20680	1.27	cps
Phosphorus	31-2	15231	15171	15118	15173	0.37	cps
Potassium	39-2	1022334	1022259	1026185	1023593	0.22	cps
Rhodium	103-1	11275013	11328332	11117512	11240286	0.98	cps
Rhodium	103-2	6706629	6874745	6786669	6789348	1.24	cps
Scandium	45-1	6189311	6134096	6128700	6150702	0.55	cps
Scandium	45-2	563148	573767	562664	566526	1.11	cps
Selenium	82-1	542	422	482	482	12.47	cps
Selenium	77-2	113	53	87	84	35.60	cps
Selenium	78-2	570	493	543	536	7.27	cps
Silicon	28-1	10939919	11811485	11713869	11488424	4.16	cps
Silver	107-1	96582	96716	96421	96573	0.15	cps
Silver	109-1	93110	92697	92848	92885	0.22	cps
Sodium	23-2	9540393	9581126	9609135	9576885	0.36	cps
Strontium	86-1	181629	181301	181008	181313	0.17	cps
Strontium	88-1	1658064	1645352	1615929	1639782	1.32	cps
Sulfur	34-1	336714	339388	337903	338002	0.40	cps
Terbium	159-1	15745191	15486575	15103224	15444996	2.09	cps
Terbium	159-2	10225804	10149776	10310807	10228796	0.79	cps
Thallium	203-1	5131	5238	5371	5247	2.29	cps
Thallium	205-1	12276	12583	12192	12350	1.66	cps
Tin	118-1	125292	126062	127185	126180	0.75	cps
Titanium	47-1	272426	271723	272981	272377	0.23	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-05	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:21:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38596	38473	39412	38827	1.31	cps
Vanadium	51-2	68424	67898	67845	68056	0.47	cps
Yttrium	89-1	14330436	14111940	14066572	14169649	1.00	cps
Yttrium	89-2	3869312	3849016	3868579	3862302	0.30	cps
Zinc	66-2	389298	390667	395063	391676	0.77	cps
Zirconium	90-1	15502	15562	15972	15679	1.63	cps
Zirconium	91-1	3537	3570	3514	3540	0.80	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:24:19	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208101	207375	206532	207336	0.38	cps
Antimony	121-1	14761	14524	14301	14529	1.58	cps
Arsenic	75-2	10010	10257	9670	9979	2.95	cps
Barium	135-1	19079	18919	18529	18843	1.50	cps
Barium	137-1	32554	32668	32380	32534	0.44	cps
Beryllium	9-1	90	73	77	80	11.02	cps
Bismuth	209-1	8925413	9028412	8865704	8939843	0.92	cps
Bismuth	209-2	7113000	7286198	7197393	7198864	1.20	cps
Bromine	81-1	22955	22511	23051	22839	1.26	cps
Bromine	81-2	1630	1540	1530	1567	3.52	cps
Cadmium	108-1	47	60	63	57	15.56	cps
Cadmium	106-1	3234	2887	3007	3043	5.79	cps
Cadmium	111-1	2754	2591	2672	2672	3.05	cps
Calcium	43-1	29893	29996	29572	29820	0.74	cps
Calcium	44-1	485719	486542	486077	486113	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16286	16673	16532	16497	1.19	cps
Cobalt	59-2	15024	14867	14908	14933	0.55	cps
Copper	63-2	2071070	2055425	2032737	2053077	0.94	cps
Dysprosium	156-1	4734	4531	4594	4620	2.25	cps
Dysprosium	156-2	3651	3831	3801	3761	2.56	cps
Erbium	164-1	4164	4317	4127	4203	2.40	cps
Erbium	164-2	2687	2747	2757	2730	1.39	cps
Gadolinium	160-1	4731	4554	4404	4563	3.58	cps
Gadolinium	160-2	3801	3991	3957	3916	2.59	cps
Holmium	165-1	14670923	14547528	14492531	14570327	0.63	cps
Holmium	165-2	10075348	10162047	10162447	10133281	0.50	cps
Indium	115-1	11788794	11843441	11659920	11764052	0.80	cps
Indium	115-2	4286187	4252799	4281102	4273363	0.42	cps
Iron	56-2	11471534	11246094	11350733	11356120	0.99	cps
Iron	57-2	287767	288081	282901	286250	1.01	cps
Iron	54-2	635137	629938	624207	629761	0.87	cps
Krypton	83-1	250	237	197	228	12.19	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:24:19	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	377447	380996	379903	379449	0.48	cps
Lead	207-1	327046	325209	321575	324610	0.86	cps
Lead	208-1	1488334	1492803	1479589	1486909	0.45	cps
Lithium	6-1	1215718	1183811	1185047	1194859	1.51	cps
Magnesium	24-2	248327	245177	244490	245998	0.83	cps
Manganese	55-2	49019	48220	48244	48494	0.94	cps
Molybdenum	94-1	2697	2450	2374	2507	6.74	cps
Molybdenum	95-1	2200	2167	2050	2139	3.68	cps
Molybdenum	96-1	2844	2890	2727	2820	2.98	cps
Molybdenum	97-1	1520	1487	1580	1529	3.09	cps
Molybdenum	98-1	3811	3721	3777	3769	1.21	cps
Neodymium	150-1	7422	7325	7209	7319	1.46	cps
Neodymium	150-2	4334	4334	4577	4415	3.18	cps
Nickel	60-2	6288	6211	6028	6176	2.16	cps
Phosphorus	31-2	3164	3170	3194	3176	0.50	cps
Potassium	39-2	250972	249363	250462	250266	0.33	cps
Rhodium	103-1	10970801	10830616	10893340	10898252	0.64	cps
Rhodium	103-2	6643625	6666135	6617062	6642274	0.37	cps
Scandium	45-1	6033840	6036643	5865756	5978746	1.64	cps
Scandium	45-2	553819	557355	555722	555632	0.32	cps
Selenium	82-1	344	337	356	346	2.80	cps
Selenium	77-2	17	10	20	16	32.73	cps
Selenium	78-2	507	430	517	484	9.79	cps
Silicon	28-1	2902043	3129540	2778522	2936702	6.06	cps
Silver	107-1	19156	19233	18909	19099	0.89	cps
Silver	109-1	17951	18405	18141	18166	1.25	cps
Sodium	23-2	1848777	1906286	1844968	1866677	1.84	cps
Strontium	86-1	32269	32205	32720	32398	0.87	cps
Strontium	88-1	284938	285510	284961	285136	0.11	cps
Sulfur	34-1	180296	179730	179247	179758	0.29	cps
Terbium	159-1	14922288	14724040	14973512	14873280	0.89	cps
Terbium	159-2	10050108	9924715	9901093	9958638	0.80	cps
Thallium	203-1	1343	1277	1130	1250	8.73	cps
Thallium	205-1	3230	3157	3084	3157	2.32	cps
Tin	118-1	26979	26454	26725	26719	0.98	cps
Titanium	47-1	53809	54518	53531	53952	0.94	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-04LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:24:19	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7472	7666	7372	7503	1.99	cps
Vanadium	51-2	13199	13666	13166	13344	2.10	cps
Yttrium	89-1	13651425	13643861	13439694	13578327	0.88	cps
Yttrium	89-2	3728251	3720850	3681644	3710248	0.68	cps
Zinc	66-2	78448	78234	79316	78666	0.73	cps
Zirconium	90-1	3300	3437	3597	3445	4.31	cps
Zirconium	91-1	743	683	770	732	6.06	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-06	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:27:31	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1199366	1146765	1147614	1164582	2.59	cps
Antimony	121-1	355390	351247	354635	353757	0.62	cps
Arsenic	75-2	56744	55249	55757	55917	1.36	cps
Barium	135-1	1468577	1457033	1468471	1464694	0.45	cps
Barium	137-1	2708493	2638276	2636194	2660988	1.55	cps
Beryllium	9-1	13039	13392	13373	13268	1.50	cps
Bismuth	209-1	9320425	9457118	9247271	9341605	1.14	cps
Bismuth	209-2	7390487	7306448	7397396	7364777	0.69	cps
Bromine	81-1	41909	44056	45476	43814	4.10	cps
Bromine	81-2	6495	6542	6595	6544	0.76	cps
Cadmium	108-1	2620	2754	2740	2705	2.72	cps
Cadmium	106-1	6798	6451	6885	6712	3.42	cps
Cadmium	111-1	42026	41207	41617	41617	0.98	cps
Calcium	43-1	151376	152231	151834	151814	0.28	cps
Calcium	44-1	2386026	2339788	2391740	2372518	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	302997	301626	302942	302522	0.26	cps
Cobalt	59-2	965261	957012	959126	960466	0.45	cps
Copper	63-2	10603166	10427759	10328808	10453244	1.33	cps
Dysprosium	156-1	23203	23102	22932	23079	0.59	cps
Dysprosium	156-2	18679	18639	18639	18652	0.12	cps
Erbium	164-1	20218	20665	20609	20497	1.19	cps
Erbium	164-2	14621	14027	14221	14290	2.12	cps
Gadolinium	160-1	23012	23503	23386	23301	1.10	cps
Gadolinium	160-2	17648	17274	17668	17530	1.27	cps
Holmium	165-1	15112403	14983117	14900231	14998584	0.71	cps
Holmium	165-2	10442502	10285842	10424792	10384378	0.83	cps
Indium	115-1	12134427	12091132	11988512	12071357	0.62	cps
Indium	115-2	4394392	4366374	4384957	4381908	0.33	cps
Iron	56-2	58256136	57630201	56995007	57627115	1.09	cps
Iron	57-2	1424420	1431332	1439690	1431814	0.53	cps
Iron	54-2	3143949	3150217	3189999	3161388	0.79	cps
Krypton	83-1	213	280	307	267	18.03	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-06	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:27:31	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2141683	2104817	2125752	2124084	0.87	cps
Lead	207-1	1832649	1860878	1658640	1784056	6.14	cps
Lead	208-1	8469728	8464183	8118483	8350798	2.41	cps
Lithium	6-1	1281941	1249435	1250563	1260646	1.46	cps
Magnesium	24-2	1251268	1240002	1250760	1247343	0.51	cps
Manganese	55-2	684345	679753	675763	679953	0.63	cps
Molybdenum	94-1	11755	11785	11808	11783	0.23	cps
Molybdenum	95-1	10984	10907	10764	10885	1.03	cps
Molybdenum	96-1	12989	13530	13106	13208	2.15	cps
Molybdenum	97-1	6848	6828	6978	6885	1.18	cps
Molybdenum	98-1	17898	17527	17397	17607	1.48	cps
Neodymium	150-1	36597	36604	36858	36687	0.41	cps
Neodymium	150-2	22097	22194	21753	22015	1.05	cps
Nickel	60-2	245955	246539	245068	245854	0.30	cps
Phosphorus	31-2	14964	14757	14440	14721	1.79	cps
Potassium	39-2	1017897	1009121	1017680	1014899	0.49	cps
Rhodium	103-1	11043139	11035366	10932447	11003651	0.56	cps
Rhodium	103-2	6803758	6777300	6812917	6797992	0.27	cps
Scandium	45-1	6183033	6018074	6238066	6146391	1.86	cps
Scandium	45-2	572370	569208	566509	569362	0.52	cps
Selenium	82-1	4853	4884	4939	4892	0.89	cps
Selenium	77-2	490	530	580	533	8.46	cps
Selenium	78-2	2257	2254	2137	2216	3.08	cps
Silicon	28-1	11226024	11216651	11032763	11158479	0.98	cps
Silver	107-1	273710	272992	273809	273504	0.16	cps
Silver	109-1	260251	263492	260135	261292	0.73	cps
Sodium	23-2	9273861	9179490	9167011	9206788	0.63	cps
Strontium	86-1	170144	170434	169628	170068	0.24	cps
Strontium	88-1	1519594	1538427	1510463	1522828	0.94	cps
Sulfur	34-1	332596	332620	334717	333311	0.37	cps
Terbium	159-1	15486969	15294054	15278581	15353201	0.76	cps
Terbium	159-2	10183762	9955640	10123413	10087605	1.17	cps
Thallium	203-1	135102	135953	135308	135455	0.33	cps
Thallium	205-1	321440	320460	319527	320476	0.30	cps
Tin	118-1	125531	125877	127045	126151	0.63	cps
Titanium	47-1	272514	269446	276809	272923	1.36	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-06	Instrumnet Name :	P7
Client Sample ID :	MJNKJ9S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:27:31	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39462	39037	38249	38916	1.58	cps
Vanadium	51-2	558858	557553	552121	556178	0.64	cps
Yttrium	89-1	14127932	13895319	14098067	14040440	0.90	cps
Yttrium	89-2	3810397	3806435	3813152	3809995	0.09	cps
Zinc	66-2	505561	499492	498472	501175	0.76	cps
Zirconium	90-1	15532	15355	15281	15389	0.84	cps
Zirconium	91-1	3294	3404	3510	3403	3.18	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01	Instrumnet Name :	P7
Client Sample ID :	MJNKH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:30:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017895	1015361	1014500	1015919	0.17	cps
Antimony	121-1	205264	204651	204459	204792	0.21	cps
Arsenic	75-2	61336	60897	61928	61387	0.84	cps
Barium	135-1	162283	164228	162350	162954	0.68	cps
Barium	137-1	280597	277606	279066	279090	0.54	cps
Beryllium	9-1	197	267	260	241	16.02	cps
Bismuth	209-1	9425692	9352497	9308978	9362389	0.63	cps
Bismuth	209-2	7300163	7252253	7231878	7261431	0.48	cps
Bromine	81-1	42772	45590	45928	44763	3.87	cps
Bromine	81-2	6598	6405	6338	6447	2.10	cps
Cadmium	108-1	383	400	343	376	7.75	cps
Cadmium	106-1	3804	3767	3460	3677	5.13	cps
Cadmium	111-1	7212	7243	6921	7125	2.49	cps
Calcium	43-1	341648	340515	338740	340301	0.43	cps
Calcium	44-1	5327339	5300796	5337456	5321864	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79243	79974	77501	78906	1.61	cps
Cobalt	59-2	133605	132902	131900	132802	0.65	cps
Copper	63-2	6747740	6704319	6683515	6711858	0.49	cps
Dysprosium	156-1	30269	30727	31021	30672	1.23	cps
Dysprosium	156-2	24909	25129	24772	24937	0.72	cps
Erbium	164-1	26345	25914	26676	26311	1.45	cps
Erbium	164-2	17962	18185	17748	17965	1.22	cps
Gadolinium	160-1	30740	30316	30951	30669	1.05	cps
Gadolinium	160-2	22104	22264	22568	22312	1.06	cps
Holmium	165-1	15110573	14835570	15057806	15001316	0.97	cps
Holmium	165-2	10328314	10183988	10187553	10233285	0.80	cps
Indium	115-1	12072661	11941585	11930338	11981528	0.66	cps
Indium	115-2	4410647	4351891	4263781	4342106	1.70	cps
Iron	56-2	81785802	82181917	81622549	81863423	0.35	cps
Iron	57-2	2071919	2063520	2013922	2049787	1.53	cps
Iron	54-2	4522536	4540685	4470051	4511091	0.81	cps
Krypton	83-1	190	253	227	223	14.24	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01	Instrumnet Name :	P7
Client Sample ID :	MJNKH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:30:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3309820	3300671	3324046	3311512	0.36	cps
Lead	207-1	2906544	2900793	2881505	2896281	0.45	cps
Lead	208-1	13120241	13170223	13123089	13137851	0.21	cps
Lithium	6-1	1209407	1246509	1187616	1214511	2.45	cps
Magnesium	24-2	1337229	1317681	1335639	1330183	0.82	cps
Manganese	55-2	436927	432781	431061	433590	0.70	cps
Molybdenum	94-1	19640	19657	19800	19699	0.45	cps
Molybdenum	95-1	20862	20615	20768	20748	0.60	cps
Molybdenum	96-1	24658	24380	24915	24651	1.08	cps
Molybdenum	97-1	13179	13169	13366	13238	0.84	cps
Molybdenum	98-1	33428	34090	33412	33643	1.15	cps
Neodymium	150-1	51370	50724	50440	50845	0.94	cps
Neodymium	150-2	30242	29257	28987	29495	2.24	cps
Nickel	60-2	21813	21993	21813	21873	0.48	cps
Phosphorus	31-2	19783	19957	20133	19958	0.88	cps
Potassium	39-2	1123779	1114750	1106466	1114999	0.78	cps
Rhodium	103-1	11137320	11108915	10941676	11062637	0.96	cps
Rhodium	103-2	6737157	6702506	6650555	6696739	0.65	cps
Scandium	45-1	6136674	6138524	6109053	6128084	0.27	cps
Scandium	45-2	566205	563063	564048	564439	0.28	cps
Selenium	82-1	562	417	466	482	15.30	cps
Selenium	77-2	123	90	90	101	19.03	cps
Selenium	78-2	613	537	537	562	7.87	cps
Silicon	28-1	11252634	11702243	11568616	11507831	2.01	cps
Silver	107-1	47728	47407	47417	47517	0.38	cps
Silver	109-1	45849	44635	45137	45207	1.35	cps
Sodium	23-2	8488587	8356487	8301799	8382291	1.15	cps
Strontium	86-1	259293	260058	257196	258849	0.57	cps
Strontium	88-1	2312937	2316862	2327800	2319200	0.33	cps
Sulfur	34-1	427616	435939	441213	434922	1.58	cps
Terbium	159-1	15472680	15205708	15446730	15375039	0.96	cps
Terbium	159-2	10130004	10096318	10017961	10081427	0.57	cps
Thallium	203-1	6061	5865	6058	5995	1.88	cps
Thallium	205-1	14208	14595	14224	14342	1.53	cps
Tin	118-1	228193	230451	231841	230161	0.80	cps
Titanium	47-1	348405	348687	347548	348213	0.17	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01	Instrumnet Name :	P7
Client Sample ID :	MJNKH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:30:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70580	70410	70136	70375	0.32	cps
Vanadium	51-2	86982	88568	85980	87177	1.50	cps
Yttrium	89-1	13966836	14002032	13982062	13983644	0.13	cps
Yttrium	89-2	3842104	3821694	3837100	3833633	0.28	cps
Zinc	66-2	907956	901328	898119	902468	0.56	cps
Zirconium	90-1	20137	20711	21174	20674	2.51	cps
Zirconium	91-1	5675	4941	4691	5102	10.02	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:33:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13617796	13528026	13560532	13568785	0.33	cps
Antimony	121-1	5991989	6054780	6008056	6018275	0.54	cps
Arsenic	75-2	292261	294272	291100	292544	0.55	cps
Barium	135-1	7831012	7767925	7750071	7783002	0.55	cps
Barium	137-1	13403137	13456017	13320316	13393157	0.51	cps
Beryllium	9-1	576915	584496	589380	583597	1.08	cps
Bismuth	209-1	8316871	8250584	8260865	8276107	0.43	cps
Bismuth	209-2	6558548	6505997	6526039	6530195	0.41	cps
Bromine	81-1	15562	14868	15081	15170	2.34	cps
Bromine	81-2	313	277	330	307	8.90	cps
Cadmium	108-1	105937	104731	106195	105621	0.74	cps
Cadmium	106-1	155590	154114	153297	154334	0.75	cps
Cadmium	111-1	1649274	1648695	1652636	1650202	0.13	cps
Calcium	43-1	7435803	7398764	7355741	7396769	0.54	cps
Calcium	44-1	121143492	118850888	118343092	119445824	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2315505	2368512	2293452	2325823	1.66	cps
Cobalt	59-2	3583969	3566525	3540410	3563635	0.62	cps
Copper	63-2	25366904	25196375	25556582	25373287	0.71	cps
Dysprosium	156-1	310	347	250	302	16.15	cps
Dysprosium	156-2	487	493	477	486	1.73	cps
Erbium	164-1	300	303	330	311	5.29	cps
Erbium	164-2	280	167	213	220	25.89	cps
Gadolinium	160-1	333	273	303	303	9.89	cps
Gadolinium	160-2	677	590	677	648	7.72	cps
Holmium	165-1	14034428	14054616	14122938	14070660	0.33	cps
Holmium	165-2	9866170	9908375	9770588	9848378	0.72	cps
Indium	115-1	10470496	10424488	10384382	10426456	0.41	cps
Indium	115-2	3762752	3814172	3787700	3788208	0.68	cps
Iron	56-2	547297112	540399792	534708925	540801943	1.17	cps
Iron	57-2	13725279	13456643	13532454	13571459	1.02	cps
Iron	54-2	29655400	29501763	29557199	29571454	0.26	cps
Krypton	83-1	237	197	170	201	16.69	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:33:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24367978	24711854	24428055	24502629	0.75	cps
Lead	207-1	21328677	21498491	21704006	21510391	0.87	cps
Lead	208-1	97240219	97778539	97894417	97637725	0.36	cps
Lithium	6-1	1217163	1211732	1217271	1215389	0.26	cps
Magnesium	24-2	104569155	103781195	103105968	103818773	0.71	cps
Manganese	55-2	18406378	18642123	18366293	18471598	0.81	cps
Molybdenum	94-1	20976601	20898997	20760651	20878750	0.52	cps
Molybdenum	95-1	30042444	29775104	29971476	29929675	0.46	cps
Molybdenum	96-1	32924325	32595020	32770481	32763275	0.50	cps
Molybdenum	97-1	18999253	18827978	18417234	18748155	1.60	cps
Molybdenum	98-1	48202878	47809698	47746209	47919595	0.52	cps
Neodymium	150-1	530	427	507	488	11.11	cps
Neodymium	150-2	193	133	173	167	18.33	cps
Nickel	60-2	853890	848155	846414	849486	0.46	cps
Phosphorus	31-2	122287	120157	120969	121138	0.89	cps
Potassium	39-2	66974989	66675607	66316089	66655562	0.49	cps
Rhodium	103-1	9651153	9325238	9311237	9429209	2.04	cps
Rhodium	103-2	5773516	5809044	5668702	5750420	1.27	cps
Scandium	45-1	5591824	5551548	5480567	5541313	1.02	cps
Scandium	45-2	503775	504204	506371	504784	0.28	cps
Selenium	82-1	86329	85032	86401	85920	0.90	cps
Selenium	77-2	9040	9363	9130	9177	1.82	cps
Selenium	78-2	30899	31002	30735	30879	0.44	cps
Silicon	28-1	3212585	3212825	3184521	3203311	0.51	cps
Silver	107-1	7410756	7337461	7245005	7331074	1.13	cps
Silver	109-1	7027685	7022511	7064811	7038336	0.33	cps
Sodium	23-2	170874124	171710184	170148697	170911002	0.46	cps
Strontium	86-1	1849105	1854618	1846713	1850146	0.22	cps
Strontium	88-1	16081789	16179101	16258715	16173202	0.55	cps
Sulfur	34-1	575510	564018	564525	568017	1.14	cps
Terbium	159-1	14539294	14388270	14166908	14364824	1.30	cps
Terbium	159-2	9702170	9656316	9488825	9615770	1.17	cps
Thallium	203-1	6173020	6151072	6079337	6134477	0.80	cps
Thallium	205-1	14487218	14675834	14516052	14559701	0.70	cps
Tin	118-1	4920431	4949592	4973093	4947705	0.53	cps
Titanium	47-1	7068982	6917257	6769853	6918697	2.16	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV038	Instrumnet Name :	P7
Client Sample ID :	CCV038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:33:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18370371	18645676	18953198	18656415	1.56	cps
Vanadium	51-2	2086650	2074152	2074503	2078435	0.34	cps
Yttrium	89-1	12489011	12295115	12349580	12377902	0.81	cps
Yttrium	89-2	3364733	3322119	3368873	3351908	0.77	cps
Zinc	66-2	4130508	4196038	4146043	4157530	0.82	cps
Zirconium	90-1	10057875	10144047	10087349	10096424	0.43	cps
Zirconium	91-1	2275509	2203961	2242981	2240817	1.60	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:39:43	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263	227	250	247	7.52	cps
Antimony	121-1	637	833	793	754	13.78	cps
Arsenic	75-2	7	3	20	10	88.20	cps
Barium	135-1	113	127	67	102	30.82	cps
Barium	137-1	170	187	150	169	10.87	cps
Beryllium	9-1	57	90	87	78	23.60	cps
Bismuth	209-1	9126499	8925705	8860501	8970901	1.55	cps
Bismuth	209-2	7220619	7166133	7361433	7249395	1.39	cps
Bromine	81-1	14180	13917	13653	13917	1.89	cps
Bromine	81-2	173	200	173	182	8.45	cps
Cadmium	108-1	20	7	20	16	49.47	cps
Cadmium	106-1	2990	2964	3030	2995	1.12	cps
Cadmium	111-1	2131	2105	2129	2122	0.68	cps
Calcium	43-1	370	370	323	354	7.60	cps
Calcium	44-1	10120	9837	9420	9792	3.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1363	1397	1330	1363	2.45	cps
Cobalt	59-2	107	123	80	103	21.15	cps
Copper	63-2	1170	1193	1243	1202	3.12	cps
Dysprosium	156-1	17	13	20	17	20.01	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	80	80	67	76	10.19	cps
Erbium	164-2	33	43	53	43	23.08	cps
Gadolinium	160-1	33	43	30	36	19.51	cps
Gadolinium	160-2	457	483	483	474	3.25	cps
Holmium	165-1	14295096	14329294	14103646	14242679	0.85	cps
Holmium	165-2	10029330	9939810	9987201	9985447	0.45	cps
Indium	115-1	11071704	11218479	11044674	11111619	0.84	cps
Indium	115-2	4110408	4093119	4151176	4118234	0.72	cps
Iron	56-2	20063	19626	19299	19663	1.95	cps
Iron	57-2	980	840	1030	950	10.37	cps
Iron	54-2	2554	2557	2460	2524	2.17	cps
Krypton	83-1	183	220	193	199	9.53	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:39:43	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1760	1817	1667	1748	4.33	cps
Lead	207-1	1613	1463	1493	1523	5.21	cps
Lead	208-1	7104	6827	6564	6832	3.95	cps
Lithium	6-1	1361021	1321234	1354989	1345748	1.59	cps
Magnesium	24-2	1050	940	993	994	5.53	cps
Manganese	55-2	457	423	383	421	8.72	cps
Molybdenum	94-1	570	630	550	583	7.14	cps
Molybdenum	95-1	490	560	463	504	9.90	cps
Molybdenum	96-1	660	663	597	640	5.87	cps
Molybdenum	97-1	343	383	377	368	5.83	cps
Molybdenum	98-1	837	863	753	818	7.02	cps
Neodymium	150-1	10	7	0	6	91.64	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	383	390	410	394	3.52	cps
Phosphorus	31-2	113	120	117	117	2.86	cps
Potassium	39-2	54614	53022	53908	53848	1.48	cps
Rhodium	103-1	10405308	10362796	10284089	10350731	0.59	cps
Rhodium	103-2	6355396	6323165	6454770	6377777	1.08	cps
Scandium	45-1	5750042	5765332	5678473	5731282	0.81	cps
Scandium	45-2	525734	516108	517196	519679	1.01	cps
Selenium	82-1	355	285	291	310	12.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	383	397	447	409	8.17	cps
Silicon	28-1	551001	552175	555267	552814	0.40	cps
Silver	107-1	427	397	357	393	8.93	cps
Silver	109-1	323	260	327	303	12.38	cps
Sodium	23-2	36841	35487	35598	35975	2.09	cps
Strontium	86-1	303	410	297	337	18.89	cps
Strontium	88-1	337	390	310	346	11.79	cps
Sulfur	34-1	169212	171018	173121	171117	1.14	cps
Terbium	159-1	14622476	14584621	14422632	14543243	0.73	cps
Terbium	159-2	9693307	9840763	9805706	9779925	0.79	cps
Thallium	203-1	730	643	750	708	8.01	cps
Thallium	205-1	1797	1860	1827	1828	1.73	cps
Tin	118-1	1443	1493	1423	1453	2.48	cps
Titanium	47-1	137	137	147	140	4.12	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB038	Instrumnet Name :	P7
Client Sample ID :	CCB038	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:39:43	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	173	173	137	161	13.14	cps
Vanadium	51-2	30	10	17	19	53.91	cps
Yttrium	89-1	12957465	12617047	12755711	12776741	1.34	cps
Yttrium	89-2	3504392	3509967	3548244	3520868	0.68	cps
Zinc	66-2	490	497	500	496	1.03	cps
Zirconium	90-1	807	820	853	827	2.91	cps
Zirconium	91-1	133	157	143	144	8.10	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-02	Instrumnet Name :	P7
Client Sample ID :	MJNKH1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:43:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946792	942088	939126	942669	0.41	cps
Antimony	121-1	190568	190113	190096	190259	0.14	cps
Arsenic	75-2	57360	57039	56795	57065	0.50	cps
Barium	135-1	157493	157210	157305	157336	0.09	cps
Barium	137-1	276137	273090	272002	273743	0.78	cps
Beryllium	9-1	307	287	277	290	5.27	cps
Bismuth	209-1	9223733	9042231	9080609	9115524	1.05	cps
Bismuth	209-2	7358332	7274585	7088338	7240418	1.91	cps
Bromine	81-1	39429	41024	42825	41093	4.13	cps
Bromine	81-2	6135	6371	6281	6262	1.91	cps
Cadmium	108-1	360	373	300	344	11.34	cps
Cadmium	106-1	3877	3587	3414	3626	6.46	cps
Cadmium	111-1	7237	7112	7321	7223	1.46	cps
Calcium	43-1	877511	875073	874914	875833	0.17	cps
Calcium	44-1	13915090	13687900	13613227	13738739	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72192	73267	72737	72732	0.74	cps
Cobalt	59-2	123127	121910	120388	121808	1.13	cps
Copper	63-2	6111224	6083938	6197020	6130727	0.96	cps
Dysprosium	156-1	29908	29010	29862	29593	1.71	cps
Dysprosium	156-2	23390	24084	23420	23631	1.66	cps
Erbium	164-1	25453	25356	25436	25415	0.20	cps
Erbium	164-2	17691	17554	17321	17522	1.07	cps
Gadolinium	160-1	28860	29608	29645	29371	1.51	cps
Gadolinium	160-2	21477	22021	21530	21676	1.38	cps
Holmium	165-1	15130551	14748509	14686040	14855033	1.62	cps
Holmium	165-2	10202746	10175600	10036936	10138428	0.88	cps
Indium	115-1	11761453	11513863	11443282	11572866	1.44	cps
Indium	115-2	4172160	4204816	4209507	4195494	0.48	cps
Iron	56-2	77195121	76627929	76561979	76795009	0.45	cps
Iron	57-2	1946391	1944977	1921550	1937639	0.72	cps
Iron	54-2	4142317	4235025	4235771	4204371	1.28	cps
Krypton	83-1	260	210	310	260	19.23	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-02	Instrumnet Name :	P7
Client Sample ID :	MJNKH1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:43:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3286237	3233346	3226410	3248664	1.01	cps
Lead	207-1	2853046	2826685	2769136	2816289	1.52	cps
Lead	208-1	12860401	12787834	12750798	12799678	0.44	cps
Lithium	6-1	1362382	1301065	1330441	1331296	2.30	cps
Magnesium	24-2	1349424	1343259	1341906	1344863	0.30	cps
Manganese	55-2	433164	435303	433914	434127	0.25	cps
Molybdenum	94-1	18949	18936	19333	19073	1.18	cps
Molybdenum	95-1	20388	19914	19723	20008	1.71	cps
Molybdenum	96-1	23719	23549	23239	23502	1.04	cps
Molybdenum	97-1	12966	12545	12816	12776	1.67	cps
Molybdenum	98-1	32483	32646	32720	32616	0.37	cps
Neodymium	150-1	48483	48874	47888	48415	1.03	cps
Neodymium	150-2	28262	27761	27627	27883	1.20	cps
Nickel	60-2	20224	20584	20341	20383	0.90	cps
Phosphorus	31-2	18348	18394	18611	18451	0.76	cps
Potassium	39-2	1030042	1026218	1028579	1028280	0.19	cps
Rhodium	103-1	10709573	10482330	10495910	10562604	1.21	cps
Rhodium	103-2	6520476	6562163	6460893	6514511	0.78	cps
Scandium	45-1	5908526	5891486	5836060	5878691	0.64	cps
Scandium	45-2	530426	532778	532398	531867	0.24	cps
Selenium	82-1	459	490	325	424	20.70	cps
Selenium	77-2	67	117	103	96	27.09	cps
Selenium	78-2	510	457	560	509	10.15	cps
Silicon	28-1	11060347	11391794	11470373	11307505	1.92	cps
Silver	107-1	45016	44451	44772	44746	0.63	cps
Silver	109-1	43354	41399	42395	42383	2.31	cps
Sodium	23-2	8143191	8197244	8171298	8170578	0.33	cps
Strontium	86-1	876585	884265	873192	878014	0.65	cps
Strontium	88-1	7988188	7857376	7900085	7915216	0.84	cps
Sulfur	34-1	448195	450608	446052	448285	0.51	cps
Terbium	159-1	15180340	14897503	14850053	14975965	1.19	cps
Terbium	159-2	9918856	9967733	10072077	9986222	0.78	cps
Thallium	203-1	6892	6221	6542	6552	5.12	cps
Thallium	205-1	15426	15038	15108	15191	1.36	cps
Tin	118-1	224957	224455	222092	223835	0.68	cps
Titanium	47-1	332765	331564	329326	331218	0.53	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-02	Instrumnet Name :	P7
Client Sample ID :	MJNKH1D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:43:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70337	70131	70896	70455	0.56	cps
Vanadium	51-2	80996	82189	81344	81509	0.75	cps
Yttrium	89-1	13590048	13542267	13527611	13553309	0.24	cps
Yttrium	89-2	3699576	3661739	3657158	3672824	0.63	cps
Zinc	66-2	834918	835806	836512	835745	0.10	cps
Zirconium	90-1	20114	20761	20014	20296	2.00	cps
Zirconium	91-1	4671	4521	4391	4527	3.10	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKH1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:46:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194625	193658	193773	194019	0.27	cps
Antimony	121-1	39528	39193	39096	39272	0.58	cps
Arsenic	75-2	11201	11888	11394	11495	3.08	cps
Barium	135-1	31047	30770	30696	30838	0.60	cps
Barium	137-1	53162	52884	53283	53110	0.38	cps
Beryllium	9-1	80	110	113	101	18.16	cps
Bismuth	209-1	9021502	8960377	8902083	8961321	0.67	cps
Bismuth	209-2	7103573	7137246	7062136	7100985	0.53	cps
Bromine	81-1	20154	20942	20731	20609	1.98	cps
Bromine	81-2	1530	1513	1443	1496	3.08	cps
Cadmium	108-1	60	83	107	83	28.00	cps
Cadmium	106-1	3157	2924	3154	3078	4.35	cps
Cadmium	111-1	3128	2969	3049	3049	2.61	cps
Calcium	43-1	64074	63894	64941	64303	0.87	cps
Calcium	44-1	1042315	1059681	1052851	1051615	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16372	15808	15745	15975	2.16	cps
Cobalt	59-2	25358	24881	25031	25090	0.97	cps
Copper	63-2	1228430	1228263	1227186	1227960	0.05	cps
Dysprosium	156-1	5938	5771	6021	5910	2.15	cps
Dysprosium	156-2	4891	4794	4818	4834	1.04	cps
Erbium	164-1	5041	5261	5211	5171	2.23	cps
Erbium	164-2	3644	3597	3407	3549	3.53	cps
Gadolinium	160-1	5948	5701	5975	5875	2.57	cps
Gadolinium	160-2	4564	4721	4988	4758	4.50	cps
Holmium	165-1	14572768	14464947	14174065	14403926	1.43	cps
Holmium	165-2	9820400	9986324	9751983	9852902	1.22	cps
Indium	115-1	11406063	11279517	11178889	11288156	1.01	cps
Indium	115-2	4077091	4058579	4102170	4079280	0.54	cps
Iron	56-2	15372197	15470043	15527224	15456488	0.51	cps
Iron	57-2	393099	389745	390676	391173	0.44	cps
Iron	54-2	854182	850270	851620	852024	0.23	cps
Krypton	83-1	183	177	223	194	12.98	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKH1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:46:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	590781	590650	589603	590345	0.11	cps
Lead	207-1	503315	504587	499379	502427	0.54	cps
Lead	208-1	2305336	2309134	2293624	2302698	0.35	cps
Lithium	6-1	1253506	1281780	1297471	1277586	1.74	cps
Magnesium	24-2	247456	247973	248327	247919	0.18	cps
Manganese	55-2	83252	81978	83815	83015	1.13	cps
Molybdenum	94-1	4051	3987	3731	3923	4.32	cps
Molybdenum	95-1	3891	4037	4097	4008	2.65	cps
Molybdenum	96-1	4761	4858	4934	4851	1.79	cps
Molybdenum	97-1	2677	2610	2637	2641	1.27	cps
Molybdenum	98-1	6545	6605	6722	6624	1.36	cps
Neodymium	150-1	9660	9417	9617	9564	1.36	cps
Neodymium	150-2	5875	5665	5434	5658	3.89	cps
Nickel	60-2	4494	4331	4284	4370	2.52	cps
Phosphorus	31-2	3637	3384	3874	3632	6.75	cps
Potassium	39-2	249177	252043	250881	250701	0.58	cps
Rhodium	103-1	10646639	10438819	10345181	10476880	1.47	cps
Rhodium	103-2	6437682	6375257	6405048	6405995	0.49	cps
Scandium	45-1	5777496	5809938	5800184	5795873	0.29	cps
Scandium	45-2	525893	523880	529803	526525	0.57	cps
Selenium	82-1	371	400	301	357	14.17	cps
Selenium	77-2	17	23	27	22	22.91	cps
Selenium	78-2	380	503	437	440	14.03	cps
Silicon	28-1	2746365	2874646	3002700	2874570	4.46	cps
Silver	107-1	9336	8939	9063	9113	2.23	cps
Silver	109-1	8413	8563	8646	8540	1.39	cps
Sodium	23-2	1663185	1624724	1634858	1640922	1.21	cps
Strontium	86-1	49068	47643	49566	48759	2.05	cps
Strontium	88-1	423494	424050	421010	422852	0.38	cps
Sulfur	34-1	227393	227197	228455	227682	0.30	cps
Terbium	159-1	14617706	14725111	14476654	14606490	0.85	cps
Terbium	159-2	9846715	9694264	9812672	9784551	0.82	cps
Thallium	203-1	1447	1357	1350	1385	3.90	cps
Thallium	205-1	3474	3360	3274	3369	2.98	cps
Tin	118-1	44803	44194	44702	44566	0.73	cps
Titanium	47-1	65822	65913	65622	65786	0.23	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNKH1L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:46:08	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13577	13644	13307	13509	1.32	cps
Vanadium	51-2	16209	16359	15595	16054	2.52	cps
Yttrium	89-1	12863745	12920933	12607314	12797331	1.31	cps
Yttrium	89-2	3528910	3516863	3555841	3533871	0.56	cps
Zinc	66-2	169726	169446	170292	169821	0.25	cps
Zirconium	90-1	4321	4071	4247	4213	3.05	cps
Zirconium	91-1	897	943	960	933	3.52	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:49:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1080050	1068821	1076062	1074978	0.53	cps
Antimony	121-1	463820	466903	466739	465821	0.37	cps
Arsenic	75-2	64148	62631	63388	63389	1.20	cps
Barium	135-1	1489146	1474881	1473503	1479176	0.59	cps
Barium	137-1	2712915	2710704	2717116	2713579	0.12	cps
Beryllium	9-1	14253	13649	13646	13850	2.52	cps
Bismuth	209-1	9385941	9130349	9261278	9259189	1.38	cps
Bismuth	209-2	7400477	7269090	7249069	7306212	1.13	cps
Bromine	81-1	39429	42153	43043	41542	4.53	cps
Bromine	81-2	5714	6218	6118	6017	4.43	cps
Cadmium	108-1	2607	2640	2790	2679	3.65	cps
Cadmium	106-1	6655	6888	6718	6754	1.79	cps
Cadmium	111-1	41749	42079	40989	41606	1.34	cps
Calcium	43-1	429744	433387	430969	431367	0.43	cps
Calcium	44-1	6764333	6760322	6746962	6757206	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	289582	288973	289193	289250	0.11	cps
Cobalt	59-2	962508	958825	967413	962915	0.45	cps
Copper	63-2	6625528	6591673	6720228	6645810	1.00	cps
Dysprosium	156-1	30567	30379	29995	30314	0.96	cps
Dysprosium	156-2	24021	24274	24201	24165	0.54	cps
Erbium	164-1	25473	26161	26181	25939	1.55	cps
Erbium	164-2	18265	17888	17638	17930	1.76	cps
Gadolinium	160-1	29534	29254	29681	29490	0.74	cps
Gadolinium	160-2	22278	22308	21657	22081	1.66	cps
Holmium	165-1	14701862	14547776	14866814	14705484	1.08	cps
Holmium	165-2	10294725	10186104	9937523	10139451	1.81	cps
Indium	115-1	11883850	11610340	11624095	11706095	1.32	cps
Indium	115-2	4240982	4218358	4212117	4223819	0.36	cps
Iron	56-2	79993042	79841132	78860782	79564985	0.77	cps
Iron	57-2	2017801	1999937	1987409	2001716	0.76	cps
Iron	54-2	4340832	4358753	4403190	4367591	0.74	cps
Krypton	83-1	193	247	240	227	12.82	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:49:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3330855	3261964	3259352	3284057	1.23	cps
Lead	207-1	2850548	2841502	2845889	2845980	0.16	cps
Lead	208-1	13102807	12964500	12964750	13010685	0.61	cps
Lithium	6-1	1308319	1334782	1316686	1319929	1.02	cps
Magnesium	24-2	1303757	1294172	1318732	1305554	0.95	cps
Manganese	55-2	830505	837265	833971	833914	0.41	cps
Molybdenum	94-1	18385	19233	18452	18690	2.52	cps
Molybdenum	95-1	19964	20207	19453	19875	1.94	cps
Molybdenum	96-1	23599	23709	23342	23550	0.80	cps
Molybdenum	97-1	12549	12592	12666	12602	0.47	cps
Molybdenum	98-1	32152	32910	32159	32407	1.35	cps
Neodymium	150-1	49273	49028	49112	49137	0.25	cps
Neodymium	150-2	29220	28926	29063	29070	0.51	cps
Nickel	60-2	233497	234303	233673	233824	0.18	cps
Phosphorus	31-2	18511	18872	18124	18502	2.02	cps
Potassium	39-2	1036475	1045540	1046407	1042807	0.53	cps
Rhodium	103-1	10610497	10641832	10714942	10655757	0.50	cps
Rhodium	103-2	6667346	6661099	6511756	6613400	1.33	cps
Scandium	45-1	5966082	5912408	5935433	5937975	0.45	cps
Scandium	45-2	538707	539789	541835	540110	0.29	cps
Selenium	82-1	4725	4776	4593	4698	2.01	cps
Selenium	77-2	490	557	560	536	7.37	cps
Selenium	78-2	2157	2047	1877	2027	6.96	cps
Silicon	28-1	10698410	12353858	10788707	11280325	8.25	cps
Silver	107-1	214491	217062	214786	215446	0.65	cps
Silver	109-1	207180	206889	205445	206505	0.45	cps
Sodium	23-2	8112165	8066988	8094558	8091237	0.28	cps
Strontium	86-1	369215	368277	366131	367875	0.43	cps
Strontium	88-1	3340674	3306285	3342771	3329910	0.62	cps
Sulfur	34-1	441040	437604	439712	439452	0.39	cps
Terbium	159-1	15067190	15053014	15112443	15077549	0.21	cps
Terbium	159-2	9861286	9950664	10037809	9949920	0.89	cps
Thallium	203-1	134580	135675	134254	134837	0.55	cps
Thallium	205-1	317257	318491	322734	319494	0.90	cps
Tin	118-1	223101	224287	225817	224402	0.61	cps
Titanium	47-1	332395	335522	330865	332927	0.71	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:49:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70198	70115	69824	70046	0.28	cps
Vanadium	51-2	544588	546613	544273	545158	0.23	cps
Yttrium	89-1	13510902	13516070	13616718	13547896	0.44	cps
Yttrium	89-2	3644198	3729995	3661119	3678438	1.24	cps
Zinc	66-2	963289	962686	960360	962111	0.16	cps
Zirconium	90-1	19510	19867	20552	19976	2.65	cps
Zirconium	91-1	4404	4781	4434	4540	4.61	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:52:27	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4795701	4823114	4774852	4797889	0.50	cps
Antimony	121-1	3247	3477	3437	3387	3.63	cps
Arsenic	75-2	7285	6775	6471	6844	6.01	cps
Barium	135-1	466902	469839	473792	470178	0.74	cps
Barium	137-1	807203	813337	813354	811298	0.44	cps
Beryllium	9-1	1037	990	987	1004	2.78	cps
Bismuth	209-1	9259342	9127581	9186937	9191287	0.72	cps
Bismuth	209-2	7143469	7216020	7183699	7181063	0.51	cps
Bromine	81-1	16633	16916	17307	16952	2.00	cps
Bromine	81-2	620	573	570	588	4.76	cps
Cadmium	108-1	373	260	327	320	17.80	cps
Cadmium	106-1	4151	4257	4171	4193	1.35	cps
Cadmium	111-1	4189	4137	4167	4164	0.63	cps
Calcium	43-1	332918	333192	339178	335096	1.06	cps
Calcium	44-1	5205105	5262568	5219964	5229212	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119452	119280	118316	119016	0.51	cps
Cobalt	59-2	215623	214893	215630	215382	0.20	cps
Copper	63-2	377248	377259	374446	376318	0.43	cps
Dysprosium	156-1	88826	89764	89858	89483	0.64	cps
Dysprosium	156-2	71949	71980	71886	71938	0.07	cps
Erbium	164-1	91410	91027	91074	91170	0.23	cps
Erbium	164-2	62683	62804	62737	62741	0.10	cps
Gadolinium	160-1	90892	92687	92718	92099	1.13	cps
Gadolinium	160-2	66202	65860	65733	65932	0.37	cps
Holmium	165-1	14961024	14897086	15125194	14994435	0.78	cps
Holmium	165-2	10386780	10361598	10278445	10342275	0.55	cps
Indium	115-1	11907432	11824738	11746779	11826316	0.68	cps
Indium	115-2	4312929	4338679	4318826	4323478	0.31	cps
Iron	56-2	257713269	260333276	252108783	256718443	1.64	cps
Iron	57-2	6461625	6418444	6347801	6409290	0.90	cps
Iron	54-2	14091086	14258567	13905123	14084925	1.26	cps
Krypton	83-1	310	327	287	308	6.53	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:52:27	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437263	441242	437964	438823	0.48	cps
Lead	207-1	368180	371291	372024	370498	0.55	cps
Lead	208-1	1697127	1717967	1706701	1707265	0.61	cps
Lithium	6-1	1282413	1255284	1245245	1260981	1.52	cps
Magnesium	24-2	6327896	6360702	6360078	6349559	0.30	cps
Manganese	55-2	4096081	4067216	3992246	4051848	1.32	cps
Molybdenum	94-1	119920	120508	121543	120657	0.68	cps
Molybdenum	95-1	5264	5434	5271	5323	1.81	cps
Molybdenum	96-1	27810	27997	28421	28076	1.12	cps
Molybdenum	97-1	3244	3254	3230	3243	0.36	cps
Molybdenum	98-1	8232	8249	7992	8158	1.76	cps
Neodymium	150-1	132553	133047	134100	133233	0.59	cps
Neodymium	150-2	79570	79268	78547	79128	0.66	cps
Nickel	60-2	87279	87392	86850	87174	0.33	cps
Phosphorus	31-2	25414	25551	24673	25213	1.87	cps
Potassium	39-2	611135	609697	603073	607968	0.71	cps
Rhodium	103-1	10630691	10939483	11175814	10915329	2.50	cps
Rhodium	103-2	6684066	6818531	6812179	6771592	1.12	cps
Scandium	45-1	6335673	6356694	6246334	6312901	0.93	cps
Scandium	45-2	588655	589000	587888	588514	0.10	cps
Selenium	82-1	506	489	503	500	1.79	cps
Selenium	77-2	213	247	293	251	16.00	cps
Selenium	78-2	720	703	620	681	7.87	cps
Silicon	28-1	12200713	12400919	12390281	12330638	0.91	cps
Silver	107-1	2354	2014	1983	2117	9.71	cps
Silver	109-1	2110	1743	1547	1800	15.89	cps
Sodium	23-2	506561	505344	498265	503390	0.89	cps
Strontium	86-1	252632	256567	260248	256482	1.49	cps
Strontium	88-1	2306535	2331759	2356183	2331492	1.06	cps
Sulfur	34-1	170193	166422	168146	168254	1.12	cps
Terbium	159-1	15152213	15310165	15384127	15282168	0.78	cps
Terbium	159-2	10151053	10257086	10030298	10146145	1.12	cps
Thallium	203-1	2474	2480	2564	2506	2.00	cps
Thallium	205-1	5615	5708	5945	5756	2.96	cps
Tin	118-1	23075	22908	22948	22977	0.38	cps
Titanium	47-1	3314561	3377679	3334085	3342108	0.97	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-07	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:52:27	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44023	44067	43843	43978	0.27	cps
Vanadium	51-2	547840	546235	542031	545369	0.55	cps
Yttrium	89-1	14769791	14724993	15126071	14873618	1.48	cps
Yttrium	89-2	4128025	4137545	4078027	4114532	0.78	cps
Zinc	66-2	121052	120152	122074	121093	0.79	cps
Zirconium	90-1	316436	321012	323243	320230	1.08	cps
Zirconium	91-1	69748	70639	70740	70375	0.78	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:55:38	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4869579	4839347	4892920	4867282	0.55	cps
Antimony	121-1	3144	3427	3224	3265	4.48	cps
Arsenic	75-2	7058	7012	7058	7043	0.38	cps
Barium	135-1	486695	481751	479122	482523	0.80	cps
Barium	137-1	834417	828947	826492	829952	0.49	cps
Beryllium	9-1	987	1010	953	983	2.90	cps
Bismuth	209-1	9227562	9196073	9074823	9166153	0.88	cps
Bismuth	209-2	7235250	7347885	7167091	7250075	1.26	cps
Bromine	81-1	17340	17377	17571	17429	0.71	cps
Bromine	81-2	533	670	610	604	11.33	cps
Cadmium	108-1	383	323	310	339	11.53	cps
Cadmium	106-1	4447	4501	4354	4434	1.67	cps
Cadmium	111-1	4303	4342	4241	4295	1.19	cps
Calcium	43-1	344825	345838	344343	345002	0.22	cps
Calcium	44-1	5313844	5264270	5298689	5292268	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118746	116640	116411	117266	1.10	cps
Cobalt	59-2	219543	216935	220151	218876	0.78	cps
Copper	63-2	378642	380696	380104	379814	0.28	cps
Dysprosium	156-1	92780	92690	90737	92069	1.25	cps
Dysprosium	156-2	70687	71832	71825	71448	0.92	cps
Erbium	164-1	92372	92450	92279	92367	0.09	cps
Erbium	164-2	63597	64786	64498	64294	0.96	cps
Gadolinium	160-1	93969	93902	93496	93789	0.27	cps
Gadolinium	160-2	67016	68175	67769	67653	0.87	cps
Holmium	165-1	15375987	15206993	14760995	15114658	2.10	cps
Holmium	165-2	10229549	10279074	10325169	10277931	0.47	cps
Indium	115-1	12197619	11804688	11920804	11974370	1.69	cps
Indium	115-2	4314355	4338823	4338312	4330497	0.32	cps
Iron	56-2	258565369	263407409	259463856	260478878	0.99	cps
Iron	57-2	6585416	6483859	6605028	6558101	0.99	cps
Iron	54-2	14165311	14249180	14184464	14199652	0.31	cps
Krypton	83-1	297	347	343	329	8.50	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:55:38	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	443375	447286	442198	444286	0.60	cps
Lead	207-1	375221	376716	376465	376134	0.21	cps
Lead	208-1	1727388	1735186	1734752	1732442	0.25	cps
Lithium	6-1	1250597	1244767	1231071	1242145	0.81	cps
Magnesium	24-2	6363903	6365101	6350604	6359869	0.13	cps
Manganese	55-2	4048334	4090679	4043800	4060938	0.64	cps
Molybdenum	94-1	123205	125267	124010	124161	0.84	cps
Molybdenum	95-1	5161	5191	5434	5262	2.85	cps
Molybdenum	96-1	28257	29099	29470	28942	2.15	cps
Molybdenum	97-1	3487	3534	3310	3444	3.42	cps
Molybdenum	98-1	8603	8352	8302	8419	1.91	cps
Neodymium	150-1	136082	137304	135682	136356	0.62	cps
Neodymium	150-2	78567	79412	80823	79601	1.43	cps
Nickel	60-2	87795	88167	88455	88139	0.38	cps
Phosphorus	31-2	25788	26112	25865	25922	0.65	cps
Potassium	39-2	616173	618214	615932	616773	0.20	cps
Rhodium	103-1	11194745	10977678	11118424	11096949	0.99	cps
Rhodium	103-2	6792003	6856691	6738420	6795705	0.87	cps
Scandium	45-1	6439153	6301395	6299713	6346754	1.26	cps
Scandium	45-2	589748	589444	591555	590249	0.19	cps
Selenium	82-1	589	462	438	496	16.29	cps
Selenium	77-2	203	307	197	236	26.18	cps
Selenium	78-2	630	643	587	620	4.78	cps
Silicon	28-1	12731913	12706196	12660334	12699481	0.29	cps
Silver	107-1	1813	1683	1587	1695	6.71	cps
Silver	109-1	1340	1403	1333	1359	2.84	cps
Sodium	23-2	511180	505053	508816	508350	0.61	cps
Strontium	86-1	264031	265952	262963	264315	0.57	cps
Strontium	88-1	2388223	2417647	2360981	2388950	1.19	cps
Sulfur	34-1	165431	164093	164336	164620	0.43	cps
Terbium	159-1	15548483	15531339	15434638	15504820	0.40	cps
Terbium	159-2	10328852	10095886	10130811	10185183	1.23	cps
Thallium	203-1	2314	2250	2470	2345	4.83	cps
Thallium	205-1	5545	5868	5518	5643	3.45	cps
Tin	118-1	23329	23566	23025	23307	1.16	cps
Titanium	47-1	3439324	3422762	3454824	3438970	0.47	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-06LX5	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 18:55:38	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43980	43428	43605	43671	0.65	cps
Vanadium	51-2	553916	553522	555346	554262	0.17	cps
Yttrium	89-1	15177047	15294439	15059461	15176982	0.77	cps
Yttrium	89-2	4078125	4144604	4078646	4100458	0.93	cps
Zinc	66-2	121960	122373	120750	121694	0.69	cps
Zirconium	90-1	325984	333110	325025	328040	1.35	cps
Zirconium	91-1	72236	73328	72156	72574	0.90	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:58:46	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	934687	930064	928858	931203	0.33	cps
Antimony	121-1	720	727	700	716	1.94	cps
Arsenic	75-2	1363	1367	1377	1369	0.51	cps
Barium	135-1	93299	93793	93071	93388	0.39	cps
Barium	137-1	162136	158748	160488	160457	1.06	cps
Beryllium	9-1	217	250	260	242	9.37	cps
Bismuth	209-1	9197759	9176801	9102003	9158855	0.55	cps
Bismuth	209-2	7088733	7194334	7224449	7169172	0.99	cps
Bromine	81-1	16149	15939	16372	16153	1.34	cps
Bromine	81-2	273	270	260	268	2.59	cps
Cadmium	108-1	67	83	83	78	12.37	cps
Cadmium	106-1	3144	3237	3307	3229	2.54	cps
Cadmium	111-1	2467	2555	2573	2532	2.24	cps
Calcium	43-1	67723	67205	65855	66928	1.44	cps
Calcium	44-1	1104716	1093627	1096891	1098411	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24126	24800	24300	24409	1.43	cps
Cobalt	59-2	42567	42273	42854	42565	0.68	cps
Copper	63-2	74990	76028	75305	75441	0.71	cps
Dysprosium	156-1	17151	17868	17915	17644	2.43	cps
Dysprosium	156-2	14361	13810	13830	14000	2.23	cps
Erbium	164-1	17391	17912	18075	17793	2.01	cps
Erbium	164-2	12225	12149	12459	12278	1.32	cps
Gadolinium	160-1	18179	17841	18142	18054	1.02	cps
Gadolinium	160-2	13213	13570	13810	13531	2.22	cps
Holmium	165-1	14731219	14979381	14717608	14809403	1.00	cps
Holmium	165-2	10046754	10093839	10102284	10080959	0.30	cps
Indium	115-1	11663160	11620345	11858596	11714033	1.08	cps
Indium	115-2	4269324	4290596	4259425	4273115	0.37	cps
Iron	56-2	50746946	50855166	50621886	50741333	0.23	cps
Iron	57-2	1268698	1284983	1277593	1277091	0.64	cps
Iron	54-2	2806084	2792011	2792863	2796986	0.28	cps
Krypton	83-1	227	243	220	230	5.23	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:58:46	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87033	86452	87291	86925	0.49	cps
Lead	207-1	74121	72981	74255	73786	0.95	cps
Lead	208-1	338134	339699	340432	339421	0.35	cps
Lithium	6-1	1257793	1231478	1222210	1237160	1.49	cps
Magnesium	24-2	1277514	1255832	1266466	1266604	0.86	cps
Manganese	55-2	782194	782249	781425	781956	0.06	cps
Molybdenum	94-1	24033	24721	24227	24327	1.46	cps
Molybdenum	95-1	1097	1323	1173	1198	9.63	cps
Molybdenum	96-1	5815	5891	5925	5877	0.96	cps
Molybdenum	97-1	663	713	637	671	5.80	cps
Molybdenum	98-1	1883	2020	1807	1903	5.68	cps
Neodymium	150-1	26151	26395	26014	26187	0.74	cps
Neodymium	150-2	15876	15842	15489	15736	1.36	cps
Nickel	60-2	17026	17086	17307	17140	0.86	cps
Phosphorus	31-2	5154	5131	5214	5166	0.83	cps
Potassium	39-2	170139	169320	170314	169924	0.31	cps
Rhodium	103-1	11077597	10861601	11060596	10999931	1.09	cps
Rhodium	103-2	6718612	6798424	6548197	6688411	1.91	cps
Scandium	45-1	6170687	6055828	6099734	6108749	0.95	cps
Scandium	45-2	564671	568959	566628	566753	0.38	cps
Selenium	82-1	413	360	384	386	6.82	cps
Selenium	77-2	90	43	60	64	36.70	cps
Selenium	78-2	477	503	570	517	9.30	cps
Silicon	28-1	3118541	3274033	3129994	3174189	2.73	cps
Silver	107-1	430	410	380	407	6.19	cps
Silver	109-1	313	367	423	368	14.96	cps
Sodium	23-2	137971	136791	136091	136951	0.69	cps
Strontium	86-1	52691	51750	51637	52026	1.11	cps
Strontium	88-1	446925	441569	450470	446321	1.00	cps
Sulfur	34-1	157424	159525	159125	158692	0.70	cps
Terbium	159-1	15062196	15080259	14983802	15042086	0.34	cps
Terbium	159-2	10105687	9954871	10024777	10028445	0.75	cps
Thallium	203-1	603	683	647	644	6.21	cps
Thallium	205-1	1547	1560	1380	1496	6.71	cps
Tin	118-1	5478	5658	5604	5580	1.66	cps
Titanium	47-1	660990	654465	655455	656970	0.54	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-08	Instrumnet Name :	P7
Client Sample ID :	MJNBZ2S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 18:58:46	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8596	8416	8560	8524	1.12	cps
Vanadium	51-2	108993	108006	107966	108322	0.54	cps
Yttrium	89-1	13889679	13710080	13862291	13820683	0.70	cps
Yttrium	89-2	3799719	3780743	3770473	3783645	0.39	cps
Zinc	66-2	23449	24327	24060	23945	1.88	cps
Zirconium	90-1	63419	63842	63952	63738	0.44	cps
Zirconium	91-1	14501	13696	14134	14110	2.85	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:02:02	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4869960	4823468	4801543	4831657	0.72	cps
Antimony	121-1	278316	278156	278493	278322	0.06	cps
Arsenic	75-2	12789	13029	12402	12740	2.48	cps
Barium	135-1	1976963	1918635	1910169	1935256	1.88	cps
Barium	137-1	3386755	3323096	3299825	3336559	1.35	cps
Beryllium	9-1	14113	13593	13559	13755	2.26	cps
Bismuth	209-1	9174262	9089891	9077466	9113873	0.58	cps
Bismuth	209-2	7245781	7104197	7296979	7215652	1.38	cps
Bromine	81-1	16509	16706	16916	16711	1.22	cps
Bromine	81-2	540	537	560	546	2.31	cps
Cadmium	108-1	2797	2624	2664	2695	3.37	cps
Cadmium	106-1	7772	7399	7435	7535	2.73	cps
Cadmium	111-1	40529	39456	38888	39624	2.10	cps
Calcium	43-1	341697	338190	331913	337267	1.47	cps
Calcium	44-1	5290246	5233013	5211238	5244832	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	339607	336088	335165	336953	0.70	cps
Cobalt	59-2	1074156	1075229	1075912	1075099	0.08	cps
Copper	63-2	668835	670375	671169	670126	0.18	cps
Dysprosium	156-1	90721	90660	89861	90414	0.53	cps
Dysprosium	156-2	70151	71983	69950	70694	1.58	cps
Erbium	164-1	92147	90507	91426	91360	0.90	cps
Erbium	164-2	62308	62007	62639	62318	0.51	cps
Gadolinium	160-1	91278	91181	91751	91403	0.33	cps
Gadolinium	160-2	66912	65639	66195	66249	0.96	cps
Holmium	165-1	15260904	14969831	15221157	15150630	1.04	cps
Holmium	165-2	10433161	10283459	10371587	10362736	0.73	cps
Indium	115-1	12191836	12036277	11890834	12039649	1.25	cps
Indium	115-2	4337336	4366367	4288622	4330775	0.91	cps
Iron	56-2	253947650	255104670	258162876	255738398	0.85	cps
Iron	57-2	6341483	6369422	6230726	6313877	1.16	cps
Iron	54-2	14228247	13869312	13894884	13997481	1.43	cps
Krypton	83-1	363	353	303	340	9.45	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:02:02	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	475599	480665	471222	475829	0.99	cps
Lead	207-1	407391	401615	401397	403467	0.84	cps
Lead	208-1	1863188	1853402	1839626	1852072	0.64	cps
Lithium	6-1	1267563	1235425	1230197	1244395	1.63	cps
Magnesium	24-2	6332425	6236376	6158610	6242470	1.39	cps
Manganese	55-2	4429904	4406998	4380889	4405930	0.56	cps
Molybdenum	94-1	120548	120732	119785	120355	0.42	cps
Molybdenum	95-1	5301	5351	5301	5318	0.54	cps
Molybdenum	96-1	28965	28705	28257	28643	1.25	cps
Molybdenum	97-1	3324	3050	3270	3215	4.51	cps
Molybdenum	98-1	8386	8489	8426	8434	0.62	cps
Neodymium	150-1	134353	133296	132475	133375	0.71	cps
Neodymium	150-2	78477	77960	79479	78639	0.98	cps
Nickel	60-2	304602	304519	305728	304950	0.22	cps
Phosphorus	31-2	24954	25141	24880	24992	0.54	cps
Potassium	39-2	598751	602105	597836	599564	0.37	cps
Rhodium	103-1	11184814	10932132	11056438	11057795	1.14	cps
Rhodium	103-2	6856077	6734894	6753895	6781622	0.96	cps
Scandium	45-1	6455395	6477691	6444898	6459328	0.26	cps
Scandium	45-2	595207	586228	590231	590555	0.76	cps
Selenium	82-1	4988	4856	4903	4916	1.36	cps
Selenium	77-2	807	730	710	749	6.81	cps
Selenium	78-2	2327	2250	2150	2242	3.95	cps
Silicon	28-1	12710835	12648214	12571262	12643437	0.55	cps
Silver	107-1	176742	176360	175702	176268	0.30	cps
Silver	109-1	167888	168103	168632	168208	0.23	cps
Sodium	23-2	492391	486883	486058	488444	0.70	cps
Strontium	86-1	258987	261836	255646	258823	1.20	cps
Strontium	88-1	2402063	2321291	2304046	2342467	2.23	cps
Sulfur	34-1	163389	162884	161290	162521	0.67	cps
Terbium	159-1	15799625	15388333	15469300	15552419	1.40	cps
Terbium	159-2	10246271	10139167	10205224	10196887	0.53	cps
Thallium	203-1	129519	128949	130269	129579	0.51	cps
Thallium	205-1	309082	309448	306771	308433	0.47	cps
Tin	118-1	22848	23109	22538	22831	1.25	cps
Titanium	47-1	3435797	3353268	3368980	3386015	1.29	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02	Instrumnet Name :	P7
Client Sample ID :	MJNL72	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:02:02	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42769	43331	42722	42941	0.79	cps
Vanadium	51-2	1034084	1022035	1022369	1026163	0.67	cps
Yttrium	89-1	15535855	15153866	15143499	15277740	1.46	cps
Yttrium	89-2	4089601	4129867	4078353	4099274	0.66	cps
Zinc	66-2	226884	223172	224495	224851	0.84	cps
Zirconium	90-1	322510	321921	322362	322264	0.10	cps
Zirconium	91-1	71794	71426	69741	70987	1.54	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:05:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2098656	2142506	2114589	2118584	1.05	cps
Antimony	121-1	70749	70911	71684	71115	0.70	cps
Arsenic	75-2	19730	19893	19773	19799	0.43	cps
Barium	135-1	89449	88469	90562	89493	1.17	cps
Barium	137-1	153902	154155	154014	154024	0.08	cps
Beryllium	9-1	273	257	293	274	6.69	cps
Bismuth	209-1	9342985	9238675	9206563	9262741	0.77	cps
Bismuth	209-2	7273190	7259642	7217123	7249985	0.40	cps
Bromine	81-1	47583	49653	51626	49621	4.07	cps
Bromine	81-2	7218	7269	7492	7326	1.99	cps
Cadmium	108-1	220	217	217	218	0.88	cps
Cadmium	106-1	3544	3597	3354	3498	3.66	cps
Cadmium	111-1	5641	5513	5373	5509	2.43	cps
Calcium	43-1	234781	234583	232298	233887	0.59	cps
Calcium	44-1	3652333	3661573	3594546	3636151	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138610	137129	137301	137680	0.59	cps
Cobalt	59-2	58216	57697	57721	57878	0.51	cps
Copper	63-2	2182232	2170144	2220948	2191108	1.21	cps
Dysprosium	156-1	27661	27714	27273	27549	0.87	cps
Dysprosium	156-2	21757	21814	21827	21799	0.17	cps
Erbium	164-1	23931	24468	24311	24237	1.14	cps
Erbium	164-2	16350	16820	16750	16640	1.53	cps
Gadolinium	160-1	27427	26933	27697	27352	1.42	cps
Gadolinium	160-2	20488	20362	19764	20205	1.91	cps
Holmium	165-1	15274686	15029555	15010359	15104867	0.98	cps
Holmium	165-2	10229415	10345338	10239252	10271335	0.63	cps
Indium	115-1	12115474	11966914	11970766	12017718	0.70	cps
Indium	115-2	4324391	4265528	4296570	4295496	0.69	cps
Iron	56-2	61862241	61973307	62490402	62108650	0.54	cps
Iron	57-2	1530236	1543676	1565013	1546308	1.13	cps
Iron	54-2	3427078	3362605	3409887	3399857	0.98	cps
Krypton	83-1	240	220	313	258	19.06	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:05:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	545964	549013	545302	546760	0.36	cps
Lead	207-1	472240	478230	479935	476802	0.85	cps
Lead	208-1	2155663	2173771	2159443	2162959	0.44	cps
Lithium	6-1	1280055	1222541	1209836	1237477	3.02	cps
Magnesium	24-2	2154523	2193940	2206354	2184939	1.24	cps
Manganese	55-2	497911	494148	498354	496804	0.47	cps
Molybdenum	94-1	39934	39727	39948	39870	0.31	cps
Molybdenum	95-1	19209	19490	19640	19446	1.12	cps
Molybdenum	96-1	26517	26477	25906	26300	1.30	cps
Molybdenum	97-1	12512	12158	12205	12292	1.56	cps
Molybdenum	98-1	31217	31096	31881	31398	1.35	cps
Neodymium	150-1	46416	45068	44617	45367	2.06	cps
Neodymium	150-2	27023	26058	26211	26430	1.96	cps
Nickel	60-2	45075	43800	44823	44566	1.51	cps
Phosphorus	31-2	11958	12655	12052	12222	3.10	cps
Potassium	39-2	926978	932008	924317	927768	0.42	cps
Rhodium	103-1	11309823	11060104	11011944	11127290	1.44	cps
Rhodium	103-2	6811987	6745666	6642414	6733356	1.27	cps
Scandium	45-1	6273535	6248128	6027884	6183182	2.18	cps
Scandium	45-2	567135	565264	559275	563891	0.73	cps
Selenium	82-1	577	544	522	548	5.04	cps
Selenium	77-2	100	127	137	121	15.65	cps
Selenium	78-2	597	557	507	553	8.15	cps
Silicon	28-1	9977735	10090058	9842176	9969990	1.24	cps
Silver	107-1	12639	12295	12105	12346	2.19	cps
Silver	109-1	11878	11388	11161	11476	3.19	cps
Sodium	23-2	6050409	6095562	6029640	6058537	0.56	cps
Strontium	86-1	204195	204155	203419	203923	0.21	cps
Strontium	88-1	1865931	1818904	1851818	1845551	1.31	cps
Sulfur	34-1	356385	357586	356069	356680	0.22	cps
Terbium	159-1	15373011	15485899	15236616	15365175	0.81	cps
Terbium	159-2	10107434	10089821	10072170	10089808	0.17	cps
Thallium	203-1	3777	3487	3527	3597	4.37	cps
Thallium	205-1	8876	8676	8720	8757	1.20	cps
Tin	118-1	32777	32677	32032	32496	1.24	cps
Titanium	47-1	825386	822014	817030	821477	0.51	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-03	Instrumnet Name :	P7
Client Sample ID :	MJNL72D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:05:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107266	109134	107513	107971	0.94	cps
Vanadium	51-2	137688	138101	136803	137531	0.48	cps
Yttrium	89-1	14181990	14071821	14027104	14093638	0.57	cps
Yttrium	89-2	3835388	3783596	3798692	3805892	0.70	cps
Zinc	66-2	134072	133241	132115	133143	0.74	cps
Zirconium	90-1	78020	76146	77030	77065	1.22	cps
Zirconium	91-1	16920	17204	17340	17155	1.25	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:08:19	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2069378	2090554	2057653	2072528	0.80	cps
Antimony	121-1	70481	70756	71255	70831	0.55	cps
Arsenic	75-2	19446	19006	19169	19207	1.16	cps
Barium	135-1	89777	88865	88993	89212	0.55	cps
Barium	137-1	153896	153249	155339	154161	0.69	cps
Beryllium	9-1	267	280	303	283	6.55	cps
Bismuth	209-1	9293578	9310061	9223816	9275818	0.49	cps
Bismuth	209-2	7284574	7367115	7218892	7290194	1.02	cps
Bromine	81-1	48014	50322	51305	49881	3.39	cps
Bromine	81-2	7155	7362	7492	7336	2.32	cps
Cadmium	108-1	193	213	220	209	6.64	cps
Cadmium	106-1	3494	3260	3300	3352	3.72	cps
Cadmium	111-1	5467	5339	5394	5400	1.19	cps
Calcium	43-1	233242	232907	231729	232626	0.34	cps
Calcium	44-1	3599720	3598774	3591710	3596735	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137052	135236	136699	136329	0.71	cps
Cobalt	59-2	57848	57794	57128	57590	0.70	cps
Copper	63-2	2182548	2214860	2181116	2192841	0.87	cps
Dysprosium	156-1	27684	27287	27534	27501	0.73	cps
Dysprosium	156-2	21730	21867	22014	21870	0.65	cps
Erbium	164-1	23927	24081	23643	23884	0.93	cps
Erbium	164-2	16657	16333	16757	16582	1.34	cps
Gadolinium	160-1	27771	27317	27019	27369	1.38	cps
Gadolinium	160-2	20094	19827	19794	19905	0.83	cps
Holmium	165-1	15054032	14719648	14889366	14887682	1.12	cps
Holmium	165-2	10201450	10263062	10163896	10209469	0.49	cps
Indium	115-1	11994595	12026853	11787798	11936415	1.09	cps
Indium	115-2	4314224	4317439	4271769	4301144	0.59	cps
Iron	56-2	61831212	61828576	61342896	61667561	0.46	cps
Iron	57-2	1549265	1519318	1560716	1543100	1.39	cps
Iron	54-2	3380055	3379903	3346936	3368964	0.57	cps
Krypton	83-1	250	230	247	242	4.43	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:08:19	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	549516	547883	541427	546276	0.78	cps
Lead	207-1	476674	481065	473607	477115	0.79	cps
Lead	208-1	2167163	2177439	2160567	2168390	0.39	cps
Lithium	6-1	1234156	1243552	1234371	1237360	0.43	cps
Magnesium	24-2	2162695	2194200	2136891	2164595	1.33	cps
Manganese	55-2	498442	497694	494291	496809	0.45	cps
Molybdenum	94-1	39506	39537	39413	39485	0.16	cps
Molybdenum	95-1	19586	19743	19470	19600	0.70	cps
Molybdenum	96-1	26858	26023	26511	26464	1.58	cps
Molybdenum	97-1	11965	12169	12155	12096	0.94	cps
Molybdenum	98-1	31955	31501	30929	31462	1.63	cps
Neodymium	150-1	44701	45249	44386	44779	0.97	cps
Neodymium	150-2	26682	26542	26719	26648	0.35	cps
Nickel	60-2	44857	43697	44874	44476	1.52	cps
Phosphorus	31-2	12058	12031	11448	11846	2.91	cps
Potassium	39-2	925602	920177	918209	921329	0.42	cps
Rhodium	103-1	11070562	11093002	10882742	11015435	1.05	cps
Rhodium	103-2	6719787	6683732	6710927	6704816	0.28	cps
Scandium	45-1	6220030	6099692	5976396	6098706	2.00	cps
Scandium	45-2	560768	556735	559515	559006	0.37	cps
Selenium	82-1	440	558	531	510	12.10	cps
Selenium	77-2	77	97	120	98	22.18	cps
Selenium	78-2	567	580	520	556	5.67	cps
Silicon	28-1	10171916	10121228	10107789	10133644	0.33	cps
Silver	107-1	11842	11628	11825	11765	1.01	cps
Silver	109-1	10837	11244	11141	11074	1.91	cps
Sodium	23-2	6027747	5989982	5831911	5949880	1.75	cps
Strontium	86-1	205500	204153	202807	204153	0.66	cps
Strontium	88-1	1861477	1851403	1820780	1844553	1.15	cps
Sulfur	34-1	352996	351395	354170	352854	0.39	cps
Terbium	159-1	15279709	15320229	15070664	15223534	0.88	cps
Terbium	159-2	10220941	10232094	10120559	10191198	0.60	cps
Thallium	203-1	3771	3477	3761	3669	4.54	cps
Thallium	205-1	8536	8383	8313	8410	1.36	cps
Tin	118-1	32360	32610	32156	32375	0.70	cps
Titanium	47-1	819925	812015	815701	815880	0.49	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-02LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL72L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:08:19	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	106960	108814	107887	107887	0.86	cps
Vanadium	51-2	136716	135848	135377	135980	0.50	cps
Yttrium	89-1	14231369	13985616	13970553	14062513	1.04	cps
Yttrium	89-2	3796459	3821254	3774695	3797469	0.61	cps
Zinc	66-2	132515	132747	133410	132890	0.35	cps
Zirconium	90-1	78103	77406	76655	77388	0.94	cps
Zirconium	91-1	16900	17481	17240	17207	1.70	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:11:27	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408694	409248	405981	407974	0.43	cps
Antimony	121-1	13940	14531	14284	14252	2.08	cps
Arsenic	75-2	3794	3771	3824	3796	0.70	cps
Barium	135-1	17708	17210	17267	17395	1.57	cps
Barium	137-1	30549	30035	30072	30219	0.95	cps
Beryllium	9-1	83	60	70	71	16.46	cps
Bismuth	209-1	9108663	8842852	8998359	8983291	1.49	cps
Bismuth	209-2	7137912	7081824	7110357	7110031	0.39	cps
Bromine	81-1	22337	22898	23192	22809	1.90	cps
Bromine	81-2	1650	1663	1653	1656	0.42	cps
Cadmium	108-1	37	40	57	44	24.11	cps
Cadmium	106-1	2944	3137	2967	3016	3.50	cps
Cadmium	111-1	2644	2786	2659	2696	2.88	cps
Calcium	43-1	46635	47167	45555	46452	1.77	cps
Calcium	44-1	753633	757138	738706	749825	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28737	28006	28774	28506	1.52	cps
Cobalt	59-2	11381	11454	11651	11496	1.22	cps
Copper	63-2	419227	415353	414060	416213	0.65	cps
Dysprosium	156-1	5378	5568	5374	5440	2.04	cps
Dysprosium	156-2	4527	4454	4374	4452	1.72	cps
Erbium	164-1	5141	4851	4734	4909	4.27	cps
Erbium	164-2	3377	3257	3100	3245	4.28	cps
Gadolinium	160-1	5538	5408	5501	5482	1.22	cps
Gadolinium	160-2	4234	4304	4337	4292	1.23	cps
Holmium	165-1	14915329	14830232	14408978	14718180	1.84	cps
Holmium	165-2	10112712	9930069	9982492	10008424	0.94	cps
Indium	115-1	11960505	11770908	11737023	11822812	1.02	cps
Indium	115-2	4202886	4291864	4217168	4237306	1.13	cps
Iron	56-2	12275649	12317986	12186650	12260095	0.55	cps
Iron	57-2	310804	306543	311341	309563	0.85	cps
Iron	54-2	687842	682240	678850	682977	0.66	cps
Krypton	83-1	210	220	183	204	9.27	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:11:27	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107726	109621	108015	108454	0.94	cps
Lead	207-1	95882	94671	94892	95148	0.68	cps
Lead	208-1	432246	428479	428615	429780	0.50	cps
Lithium	6-1	1204847	1239227	1179836	1207970	2.47	cps
Magnesium	24-2	423520	423319	419350	422063	0.56	cps
Manganese	55-2	97802	98164	98825	98263	0.53	cps
Molybdenum	94-1	7615	7772	7629	7672	1.13	cps
Molybdenum	95-1	3834	4041	3871	3915	2.82	cps
Molybdenum	96-1	5204	5594	5208	5335	4.20	cps
Molybdenum	97-1	2460	2477	2460	2466	0.39	cps
Molybdenum	98-1	6391	6318	6321	6344	0.65	cps
Neodymium	150-1	8993	8579	8796	8789	2.35	cps
Neodymium	150-2	5228	5204	5264	5232	0.58	cps
Nickel	60-2	9130	8889	9323	9114	2.38	cps
Phosphorus	31-2	2450	2490	2490	2477	0.93	cps
Potassium	39-2	232295	231838	229507	231213	0.65	cps
Rhodium	103-1	10851232	10716696	10880040	10815989	0.81	cps
Rhodium	103-2	6612886	6647186	6561970	6607347	0.65	cps
Scandium	45-1	5991069	6036839	5929015	5985641	0.90	cps
Scandium	45-2	548786	548427	545648	547620	0.31	cps
Selenium	82-1	436	357	396	396	9.99	cps
Selenium	77-2	13	20	27	20	33.35	cps
Selenium	78-2	433	473	450	452	4.44	cps
Silicon	28-1	2596887	2576596	2551465	2574982	0.88	cps
Silver	107-1	2497	2497	2454	2482	1.01	cps
Silver	109-1	2180	2100	2214	2165	2.69	cps
Sodium	23-2	1212716	1238276	1211790	1220927	1.23	cps
Strontium	86-1	40432	40947	40639	40673	0.64	cps
Strontium	88-1	349091	349676	349485	349418	0.09	cps
Sulfur	34-1	188116	186888	187235	187413	0.34	cps
Terbium	159-1	14969738	14702109	14906553	14859467	0.94	cps
Terbium	159-2	9925203	9880777	9676107	9827362	1.35	cps
Thallium	203-1	827	843	930	867	6.40	cps
Thallium	205-1	2094	2127	2180	2134	2.05	cps
Tin	118-1	7645	7479	7332	7485	2.10	cps
Titanium	47-1	162367	162181	161512	162020	0.28	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-04	Instrumnet Name :	P7
Client Sample ID :	MJNL72S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:11:27	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21344	21197	20967	21169	0.90	cps
Vanadium	51-2	27061	26360	26443	26621	1.44	cps
Yttrium	89-1	13248391	13318196	13317984	13294857	0.30	cps
Yttrium	89-2	3645062	3701874	3641573	3662837	0.92	cps
Zinc	66-2	26236	26313	26570	26373	0.66	cps
Zirconium	90-1	15108	14738	15248	15031	1.75	cps
Zirconium	91-1	3250	3177	3324	3250	2.26	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:14:42	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2173569	2162661	2161190	2165807	0.31	cps
Antimony	121-1	350441	350025	348437	349634	0.30	cps
Arsenic	75-2	24998	25215	25135	25116	0.44	cps
Barium	135-1	1448126	1466868	1466916	1460637	0.74	cps
Barium	137-1	2664458	2666411	2652371	2661080	0.29	cps
Beryllium	9-1	13259	13002	12785	13016	1.82	cps
Bismuth	209-1	9358802	9286293	9213909	9286335	0.78	cps
Bismuth	209-2	7242388	7238039	7268924	7249784	0.23	cps
Bromine	81-1	46663	49496	50044	48735	3.72	cps
Bromine	81-2	7645	7475	7405	7509	1.64	cps
Cadmium	108-1	2610	2834	2500	2648	6.42	cps
Cadmium	106-1	6515	6358	6562	6478	1.64	cps
Cadmium	111-1	41202	40274	41853	41109	1.93	cps
Calcium	43-1	231876	228695	229710	230094	0.71	cps
Calcium	44-1	3629100	3619914	3588900	3612638	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	360774	357006	356198	357993	0.68	cps
Cobalt	59-2	929805	920323	926673	925600	0.52	cps
Copper	63-2	2476822	2469765	2453404	2466663	0.49	cps
Dysprosium	156-1	27968	26872	26852	27231	2.34	cps
Dysprosium	156-2	22755	21977	21774	22169	2.34	cps
Erbium	164-1	24244	24825	23850	24307	2.02	cps
Erbium	164-2	16226	16340	16286	16284	0.35	cps
Gadolinium	160-1	27353	27257	27050	27220	0.57	cps
Gadolinium	160-2	20218	19904	19791	19971	1.11	cps
Holmium	165-1	15154951	15186462	14956696	15099370	0.82	cps
Holmium	165-2	10135187	10306449	10190851	10210829	0.86	cps
Indium	115-1	12086490	11782510	11814658	11894553	1.40	cps
Indium	115-2	4280416	4163309	4276752	4240159	1.57	cps
Iron	56-2	62934557	62074196	62136606	62381786	0.77	cps
Iron	57-2	1581856	1552616	1550300	1561591	1.13	cps
Iron	54-2	3424462	3428310	3414223	3422332	0.21	cps
Krypton	83-1	293	233	270	266	11.39	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:14:42	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	581806	583723	594243	586591	1.14	cps
Lead	207-1	512950	509738	514640	512442	0.49	cps
Lead	208-1	2323993	2321420	2335680	2327031	0.33	cps
Lithium	6-1	1253154	1243912	1236878	1244648	0.66	cps
Magnesium	24-2	2124021	2153795	2143684	2140500	0.71	cps
Manganese	55-2	924994	916833	915918	919248	0.54	cps
Molybdenum	94-1	38768	38938	38935	38880	0.25	cps
Molybdenum	95-1	19099	19146	19353	19199	0.70	cps
Molybdenum	96-1	26644	26107	25759	26170	1.70	cps
Molybdenum	97-1	11795	12085	12188	12023	1.70	cps
Molybdenum	98-1	30355	31714	31330	31133	2.25	cps
Neodymium	150-1	44654	45607	44905	45055	1.10	cps
Neodymium	150-2	26201	26418	26328	26316	0.41	cps
Nickel	60-2	265488	264800	264278	264855	0.23	cps
Phosphorus	31-2	11921	11468	11691	11693	1.94	cps
Potassium	39-2	916640	910968	913002	913537	0.31	cps
Rhodium	103-1	11056175	11019505	11017102	11030927	0.20	cps
Rhodium	103-2	6651187	6701629	6670486	6674434	0.38	cps
Scandium	45-1	6104092	6104120	6042921	6083711	0.58	cps
Scandium	45-2	557224	559728	562486	559813	0.47	cps
Selenium	82-1	4824	4845	4968	4879	1.60	cps
Selenium	77-2	597	630	570	599	5.02	cps
Selenium	78-2	2124	1953	2107	2061	4.55	cps
Silicon	28-1	10053194	10082618	9812032	9982615	1.49	cps
Silver	107-1	188352	188652	187305	188103	0.38	cps
Silver	109-1	179959	180562	180628	180383	0.20	cps
Sodium	23-2	5918553	5851191	5871105	5880283	0.59	cps
Strontium	86-1	202780	203884	202533	203066	0.35	cps
Strontium	88-1	1797858	1829738	1808662	1812086	0.89	cps
Sulfur	34-1	349915	352134	348171	350073	0.57	cps
Terbium	159-1	15474088	15191194	15273963	15313081	0.95	cps
Terbium	159-2	9916378	9966719	10251059	10044718	1.80	cps
Thallium	203-1	134615	134742	135890	135082	0.52	cps
Thallium	205-1	317132	323011	319418	319854	0.93	cps
Tin	118-1	32804	32106	32898	32602	1.33	cps
Titanium	47-1	808764	805198	812931	808964	0.48	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01	Instrumnet Name :	P7
Client Sample ID :	MJNL92	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:14:42	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107552	107543	106983	107359	0.30	cps
Vanadium	51-2	618181	616728	614349	616420	0.31	cps
Yttrium	89-1	14145131	14108989	13848532	14034218	1.15	cps
Yttrium	89-2	3761067	3776554	3742320	3759980	0.46	cps
Zinc	66-2	240798	237675	237595	238689	0.77	cps
Zirconium	90-1	76508	75771	74947	75742	1.03	cps
Zirconium	91-1	16499	16930	16750	16726	1.29	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:17:48	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3020609	3041825	3021657	3028030	0.39	cps
Antimony	121-1	1292143	1295207	1293483	1293611	0.12	cps
Arsenic	75-2	304386	302769	300787	302647	0.60	cps
Barium	135-1	567184	569711	569108	568668	0.23	cps
Barium	137-1	976603	983061	970699	976788	0.63	cps
Beryllium	9-1	420	393	437	417	5.25	cps
Bismuth	209-1	9513373	9299363	9302464	9371734	1.31	cps
Bismuth	209-2	7384389	7312483	7359186	7352019	0.50	cps
Bromine	81-1	64758	68310	68608	67225	3.19	cps
Bromine	81-2	11354	11081	11018	11151	1.61	cps
Cadmium	108-1	817	847	827	830	1.84	cps
Cadmium	106-1	4144	4237	4294	4225	1.79	cps
Cadmium	111-1	11482	11479	12026	11663	2.70	cps
Calcium	43-1	227710	230196	227947	228618	0.60	cps
Calcium	44-1	3596316	3579579	3642892	3606262	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187739	187742	185289	186923	0.76	cps
Cobalt	59-2	319963	318147	319006	319039	0.28	cps
Copper	63-2	37086303	37263191	37038805	37129433	0.32	cps
Dysprosium	156-1	25329	26275	25279	25628	2.19	cps
Dysprosium	156-2	19831	20455	20902	20396	2.64	cps
Erbium	164-1	23476	24405	24021	23967	1.95	cps
Erbium	164-2	16497	16904	16840	16747	1.31	cps
Gadolinium	160-1	24852	25794	25744	25463	2.08	cps
Gadolinium	160-2	18823	18542	18933	18766	1.07	cps
Holmium	165-1	15040879	14758746	15191228	14996951	1.46	cps
Holmium	165-2	10447134	10213764	10138828	10266575	1.57	cps
Indium	115-1	12126731	11937325	12050884	12038313	0.79	cps
Indium	115-2	4341548	4387417	4282103	4337023	1.22	cps
Iron	56-2	197055984	196207917	195153084	196138995	0.49	cps
Iron	57-2	4890887	4889522	4854836	4878415	0.42	cps
Iron	54-2	10742234	10645859	10648492	10678862	0.51	cps
Krypton	83-1	257	240	183	227	16.96	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:17:48	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6296321	6289552	6311382	6299085	0.18	cps
Lead	207-1	5489033	5462421	5456607	5469354	0.32	cps
Lead	208-1	25103365	24898548	24977461	24993125	0.41	cps
Lithium	6-1	1241260	1213650	1230310	1228407	1.13	cps
Magnesium	24-2	3025444	3030728	2974017	3010063	1.04	cps
Manganese	55-2	1097547	1093643	1077639	1089610	0.97	cps
Molybdenum	94-1	81230	80597	81056	80961	0.40	cps
Molybdenum	95-1	77102	77443	77165	77237	0.24	cps
Molybdenum	96-1	91947	92567	91641	92052	0.51	cps
Molybdenum	97-1	49393	49473	49119	49328	0.38	cps
Molybdenum	98-1	124774	125301	125863	125313	0.43	cps
Neodymium	150-1	40010	39639	39769	39806	0.47	cps
Neodymium	150-2	22822	23927	23149	23299	2.44	cps
Nickel	60-2	70729	70160	69255	70048	1.06	cps
Phosphorus	31-2	10861	10897	10954	10904	0.43	cps
Potassium	39-2	1534432	1519842	1523539	1525938	0.50	cps
Rhodium	103-1	10866671	10965046	10893410	10908376	0.47	cps
Rhodium	103-2	6705997	6652818	6596411	6651742	0.82	cps
Scandium	45-1	6188821	5947261	6067768	6067950	1.99	cps
Scandium	45-2	569715	561571	556272	562520	1.20	cps
Selenium	82-1	796	830	885	837	5.31	cps
Selenium	77-2	153	137	127	139	9.70	cps
Selenium	78-2	663	703	620	662	6.29	cps
Silicon	28-1	19681965	20787787	19850748	20106833	2.96	cps
Silver	107-1	172930	173200	173270	173133	0.10	cps
Silver	109-1	163420	165357	166434	165071	0.93	cps
Sodium	23-2	10553738	10535887	10542480	10544035	0.09	cps
Strontium	86-1	285050	284719	282673	284148	0.45	cps
Strontium	88-1	2548643	2528647	2531448	2536246	0.43	cps
Sulfur	34-1	865991	869604	850145	861913	1.20	cps
Terbium	159-1	15406791	15215003	15201483	15274426	0.75	cps
Terbium	159-2	10114682	10160648	10060510	10111946	0.50	cps
Thallium	203-1	10451	10444	10584	10493	0.75	cps
Thallium	205-1	23894	24041	23978	23971	0.31	cps
Tin	118-1	489777	492021	488317	490038	0.38	cps
Titanium	47-1	762228	769894	761314	764478	0.62	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-02	Instrumnet Name :	P7
Client Sample ID :	MJNL92D	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:17:48	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56701	56959	56082	56581	0.80	cps
Vanadium	51-2	191110	190341	187900	189784	0.88	cps
Yttrium	89-1	14267266	13876507	14025262	14056345	1.40	cps
Yttrium	89-2	3783303	3784428	3794910	3787547	0.17	cps
Zinc	66-2	1882061	1883741	1850040	1871948	1.01	cps
Zirconium	90-1	98813	98911	99735	99153	0.51	cps
Zirconium	91-1	22204	22170	22287	22220	0.27	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:20:54	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2961425	3019083	3025865	3002124	1.18	cps
Antimony	121-1	1283305	1304544	1299923	1295924	0.86	cps
Arsenic	75-2	303290	301959	303976	303075	0.34	cps
Barium	135-1	566420	571610	572270	570100	0.56	cps
Barium	137-1	975971	989213	987190	984125	0.72	cps
Beryllium	9-1	450	433	387	423	7.75	cps
Bismuth	209-1	9583801	9645009	9469252	9566021	0.93	cps
Bismuth	209-2	7401330	7414442	7493007	7436259	0.67	cps
Bromine	81-1	65233	70259	69455	68316	3.95	cps
Bromine	81-2	10961	10627	10937	10842	1.72	cps
Cadmium	108-1	783	807	847	812	3.94	cps
Cadmium	106-1	4484	4177	4197	4286	4.00	cps
Cadmium	111-1	12222	11887	11515	11875	2.98	cps
Calcium	43-1	231578	233888	232010	232492	0.53	cps
Calcium	44-1	3616038	3619077	3626155	3620423	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184865	186872	187352	186363	0.71	cps
Cobalt	59-2	319868	317583	319580	319010	0.39	cps
Copper	63-2	37404971	37335047	37197501	37312506	0.28	cps
Dysprosium	156-1	25246	25944	25807	25666	1.44	cps
Dysprosium	156-2	20291	21213	20662	20722	2.24	cps
Erbium	164-1	24341	24211	24658	24404	0.94	cps
Erbium	164-2	16383	16230	16413	16342	0.60	cps
Gadolinium	160-1	25664	25874	25607	25715	0.55	cps
Gadolinium	160-2	19247	18803	18626	18892	1.69	cps
Holmium	165-1	15365216	15153102	14878080	15132133	1.61	cps
Holmium	165-2	10287538	10302750	10333556	10307948	0.23	cps
Indium	115-1	12188106	12123961	11892698	12068255	1.29	cps
Indium	115-2	4363777	4323580	4335564	4340974	0.48	cps
Iron	56-2	193660904	197002057	196927364	195863442	0.97	cps
Iron	57-2	4964658	4958770	4862887	4928772	1.16	cps
Iron	54-2	10662396	10619769	10666275	10649480	0.24	cps
Krypton	83-1	237	233	257	242	5.21	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:20:54	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6394917	6427858	6360304	6394360	0.53	cps
Lead	207-1	5526476	5585977	5478623	5530359	0.97	cps
Lead	208-1	25281120	25590369	25123370	25331620	0.94	cps
Lithium	6-1	1246917	1267793	1222982	1245897	1.80	cps
Magnesium	24-2	2974798	2995788	2976776	2982454	0.39	cps
Manganese	55-2	1084490	1087075	1087127	1086231	0.14	cps
Molybdenum	94-1	81542	81425	81183	81383	0.22	cps
Molybdenum	95-1	75905	76917	76472	76431	0.66	cps
Molybdenum	96-1	91755	92362	92939	92352	0.64	cps
Molybdenum	97-1	48928	49376	49420	49241	0.55	cps
Molybdenum	98-1	125423	127326	126031	126260	0.77	cps
Neodymium	150-1	40117	40578	40207	40301	0.61	cps
Neodymium	150-2	23613	23897	23139	23550	1.63	cps
Nickel	60-2	69524	71064	69580	70056	1.25	cps
Phosphorus	31-2	10927	10874	10734	10845	0.92	cps
Potassium	39-2	1530790	1542602	1522137	1531843	0.67	cps
Rhodium	103-1	11037261	11090142	10908411	11011938	0.85	cps
Rhodium	103-2	6696348	6667784	6665310	6676481	0.26	cps
Scandium	45-1	6138524	6103840	6007732	6083365	1.11	cps
Scandium	45-2	556567	566263	556596	559809	1.00	cps
Selenium	82-1	871	895	835	867	3.50	cps
Selenium	77-2	80	127	103	103	22.58	cps
Selenium	78-2	653	730	717	700	5.85	cps
Silicon	28-1	20624537	20857848	20528121	20670169	0.82	cps
Silver	107-1	172626	173908	174883	173806	0.65	cps
Silver	109-1	164788	167488	166616	166298	0.83	cps
Sodium	23-2	10405069	10543250	10431882	10460067	0.70	cps
Strontium	86-1	285507	287935	286894	286779	0.42	cps
Strontium	88-1	2541429	2653067	2570584	2588360	2.24	cps
Sulfur	34-1	859624	858817	852151	856864	0.48	cps
Terbium	159-1	15489278	15385441	15316812	15397177	0.56	cps
Terbium	159-2	9903196	10179631	10191217	10091348	1.62	cps
Thallium	203-1	10337	10137	10571	10348	2.10	cps
Thallium	205-1	24963	24492	24031	24495	1.90	cps
Tin	118-1	484456	491843	488073	488124	0.76	cps
Titanium	47-1	765451	774066	769718	769745	0.56	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-01LX5	Instrumnet Name :	P7
Client Sample ID :	MJNL92L	Dilution Factor :	5
Date & Time Acquired :	2024-12-21 19:20:54	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57655	58184	57518	57786	0.61	cps
Vanadium	51-2	186973	190694	188373	188680	1.00	cps
Yttrium	89-1	14136833	14183636	13854108	14058192	1.27	cps
Yttrium	89-2	3770310	3799882	3746134	3772109	0.71	cps
Zinc	66-2	1850908	1842113	1872659	1855226	0.85	cps
Zirconium	90-1	98487	100595	100366	99816	1.16	cps
Zirconium	91-1	21810	22818	21750	22126	2.71	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:23:57	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	595435	598103	592130	595223	0.50	cps
Antimony	121-1	253658	257043	255241	255314	0.66	cps
Arsenic	75-2	58950	60071	60007	59676	1.06	cps
Barium	135-1	112997	113373	113504	113292	0.23	cps
Barium	137-1	193960	194014	195204	194393	0.36	cps
Beryllium	9-1	137	70	180	129	42.99	cps
Bismuth	209-1	9567047	9100630	9143148	9270275	2.78	cps
Bismuth	209-2	7323035	7160930	7249132	7244366	1.12	cps
Bromine	81-1	26167	27442	27609	27073	2.91	cps
Bromine	81-2	2527	2410	2520	2486	2.64	cps
Cadmium	108-1	170	203	207	193	10.49	cps
Cadmium	106-1	3290	3264	3090	3215	3.38	cps
Cadmium	111-1	4102	4146	3781	4010	4.97	cps
Calcium	43-1	45525	46819	46130	46158	1.40	cps
Calcium	44-1	743377	750406	750500	748095	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39141	38843	38857	38947	0.43	cps
Cobalt	59-2	65398	63159	63644	64067	1.84	cps
Copper	63-2	7568062	7577523	7441738	7529108	1.01	cps
Dysprosium	156-1	4881	5238	5131	5083	3.60	cps
Dysprosium	156-2	4047	3947	4027	4007	1.32	cps
Erbium	164-1	4758	4941	4781	4826	2.07	cps
Erbium	164-2	3534	3374	3214	3374	4.74	cps
Gadolinium	160-1	5014	4934	4888	4945	1.30	cps
Gadolinium	160-2	4324	4001	4237	4187	4.00	cps
Holmium	165-1	15192048	14571433	14613963	14792481	2.34	cps
Holmium	165-2	10181624	10044504	10037394	10087841	0.81	cps
Indium	115-1	12118393	11630800	11522050	11757081	2.70	cps
Indium	115-2	4234307	4198693	4253378	4228793	0.66	cps
Iron	56-2	39171239	38780699	38695239	38882392	0.65	cps
Iron	57-2	980851	974030	980753	978544	0.40	cps
Iron	54-2	2140515	2145474	2117330	2134440	0.70	cps
Krypton	83-1	213	220	230	221	3.79	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:23:57	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1175147	1184189	1183908	1181082	0.44	cps
Lead	207-1	1003019	1010634	1007616	1007090	0.38	cps
Lead	208-1	4828962	4894058	4840647	4854555	0.71	cps
Lithium	6-1	1274570	1229357	1202882	1235603	2.93	cps
Magnesium	24-2	586215	582272	584294	584261	0.34	cps
Manganese	55-2	219872	217502	217165	218180	0.68	cps
Molybdenum	94-1	15221	15488	15659	15456	1.43	cps
Molybdenum	95-1	15228	15742	15492	15487	1.66	cps
Molybdenum	96-1	17607	18952	18465	18342	3.71	cps
Molybdenum	97-1	9873	10087	10227	10062	1.77	cps
Molybdenum	98-1	24888	25285	24801	24991	1.03	cps
Neodymium	150-1	7862	8006	7899	7922	0.94	cps
Neodymium	150-2	4567	4738	4687	4664	1.87	cps
Nickel	60-2	14601	14494	14694	14596	0.69	cps
Phosphorus	31-2	2387	2270	2364	2340	2.64	cps
Potassium	39-2	363338	357978	359812	360376	0.76	cps
Rhodium	103-1	11293944	10768279	10823651	10961958	2.63	cps
Rhodium	103-2	6710805	6571603	6617114	6633174	1.07	cps
Scandium	45-1	6177427	5978246	5824008	5993227	2.96	cps
Scandium	45-2	548963	542240	544387	545196	0.63	cps
Selenium	82-1	494	431	398	441	11.04	cps
Selenium	77-2	27	23	33	28	18.33	cps
Selenium	78-2	453	467	467	462	1.67	cps
Silicon	28-1	4615738	4525214	4612019	4584324	1.12	cps
Silver	107-1	33766	33856	34658	34093	1.44	cps
Silver	109-1	33021	33054	32800	32959	0.42	cps
Sodium	23-2	2155089	2181158	2143746	2159998	0.89	cps
Strontium	86-1	55802	56471	56371	56215	0.64	cps
Strontium	88-1	489293	491528	494087	491636	0.49	cps
Sulfur	34-1	270851	274763	274067	273227	0.76	cps
Terbium	159-1	15623384	14811786	14768467	15067879	3.20	cps
Terbium	159-2	10075870	9948505	9836613	9953663	1.20	cps
Thallium	203-1	2090	2260	2167	2172	3.92	cps
Thallium	205-1	5184	5004	5068	5085	1.80	cps
Tin	118-1	97138	98869	99527	98511	1.25	cps
Titanium	47-1	150463	153392	150581	151478	1.09	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5256-03	Instrumnet Name :	P7
Client Sample ID :	MJNL92S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:23:57	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10875	11138	11315	11109	1.99	cps
Vanadium	51-2	38141	37904	37125	37724	1.41	cps
Yttrium	89-1	14114451	13452655	13466202	13677769	2.77	cps
Yttrium	89-2	3683877	3613338	3624701	3640639	1.04	cps
Zinc	66-2	354887	358138	355165	356063	0.51	cps
Zirconium	90-1	17901	19032	18308	18414	3.11	cps
Zirconium	91-1	4011	4234	4184	4143	2.83	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-03	Instrumnet Name :	P7
Client Sample ID :	MJNKH1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3115049	3080855	3035684	3077196	1.29	cps
Antimony	121-1	1601987	1655859	1609050	1622299	1.80	cps
Arsenic	75-2	305066	304345	304041	304484	0.17	cps
Barium	135-1	2054920	2039295	2016427	2036881	0.95	cps
Barium	137-1	3500990	3539922	3531501	3524137	0.58	cps
Beryllium	9-1	13146	13182	12935	13088	1.02	cps
Bismuth	209-1	9495163	9377908	9483883	9452318	0.68	cps
Bismuth	209-2	7511633	7496420	7466763	7491605	0.30	cps
Bromine	81-1	62990	66207	69261	66153	4.74	cps
Bromine	81-2	10944	11134	10637	10905	2.30	cps
Cadmium	108-1	3197	3170	3204	3190	0.55	cps
Cadmium	106-1	7485	7519	7279	7428	1.75	cps
Cadmium	111-1	47704	47131	47263	47366	0.63	cps
Calcium	43-1	227378	225799	228871	227350	0.68	cps
Calcium	44-1	3635881	3540271	3570205	3582119	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	401765	403917	398650	401444	0.66	cps
Cobalt	59-2	1177432	1167952	1167304	1170896	0.48	cps
Copper	63-2	37130976	37104771	36919609	37051785	0.31	cps
Dysprosium	156-1	25456	25086	25126	25223	0.81	cps
Dysprosium	156-2	20846	20445	20589	20626	0.98	cps
Erbium	164-1	24114	24224	24274	24204	0.34	cps
Erbium	164-2	16650	16066	16507	16407	1.85	cps
Gadolinium	160-1	25891	25530	25487	25636	0.87	cps
Gadolinium	160-2	18659	18416	18833	18636	1.12	cps
Holmium	165-1	15107275	15273524	15117302	15166033	0.61	cps
Holmium	165-2	10335710	10406606	10383673	10375330	0.35	cps
Indium	115-1	11995355	11988538	12145708	12043200	0.74	cps
Indium	115-2	4373446	4331088	4334067	4346201	0.54	cps
Iron	56-2	192714277	195537244	190582184	192944568	1.29	cps
Iron	57-2	4830225	4772738	4826223	4809729	0.67	cps
Iron	54-2	10597102	10647320	10626265	10623562	0.24	cps
Krypton	83-1	230	273	280	261	10.40	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-03	Instrumnet Name :	P7
Client Sample ID :	MJNKH1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6389465	6336657	6375239	6367120	0.43	cps
Lead	207-1	5601109	5473922	5528344	5534458	1.15	cps
Lead	208-1	25403923	24983141	25321298	25236121	0.88	cps
Lithium	6-1	1210114	1248930	1240349	1233131	1.65	cps
Magnesium	24-2	2954719	2933416	2945466	2944534	0.36	cps
Manganese	55-2	1510231	1537350	1511603	1519728	1.01	cps
Molybdenum	94-1	79058	79397	80650	79702	1.05	cps
Molybdenum	95-1	77410	76244	75255	76303	1.41	cps
Molybdenum	96-1	90203	90253	90860	90438	0.40	cps
Molybdenum	97-1	47550	47336	47938	47608	0.64	cps
Molybdenum	98-1	123100	124437	123745	123761	0.54	cps
Neodymium	150-1	39983	40207	39408	39866	1.03	cps
Neodymium	150-2	23593	23603	22645	23280	2.36	cps
Nickel	60-2	289744	286504	286228	287492	0.68	cps
Phosphorus	31-2	10544	10684	10991	10739	2.13	cps
Potassium	39-2	1500792	1510422	1516963	1509392	0.54	cps
Rhodium	103-1	10971222	10878584	10927675	10925827	0.42	cps
Rhodium	103-2	6645063	6683785	6690505	6673118	0.37	cps
Scandium	45-1	6149876	6044813	6007998	6067562	1.21	cps
Scandium	45-2	553900	553289	556287	554492	0.29	cps
Selenium	82-1	5251	5276	5296	5274	0.43	cps
Selenium	77-2	583	660	527	590	11.34	cps
Selenium	78-2	2217	2364	2120	2234	5.49	cps
Silicon	28-1	20616218	20563730	20793721	20657889	0.58	cps
Silver	107-1	343324	346221	342602	344049	0.56	cps
Silver	109-1	328108	330417	330178	329568	0.39	cps
Sodium	23-2	10183995	10103054	10335826	10207625	1.16	cps
Strontium	86-1	279323	281205	279357	279962	0.38	cps
Strontium	88-1	2525292	2506319	2533746	2521786	0.56	cps
Sulfur	34-1	844644	840320	837344	840769	0.44	cps
Terbium	159-1	15382212	15340264	15468154	15396877	0.42	cps
Terbium	159-2	10206351	10195535	10192775	10198220	0.07	cps
Thallium	203-1	140148	140406	141149	140568	0.37	cps
Thallium	205-1	336302	335537	336044	335961	0.12	cps
Tin	118-1	480492	481412	482580	481495	0.22	cps
Titanium	47-1	757616	761188	761375	760060	0.28	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5273-03	Instrumnet Name :	P7
Client Sample ID :	MJNKH1S	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:27:09	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57712	57454	57053	57406	0.58	cps
Vanadium	51-2	665105	662556	661349	663003	0.29	cps
Yttrium	89-1	13965239	13672699	13874388	13837442	1.08	cps
Yttrium	89-2	3782879	3770000	3749916	3767599	0.44	cps
Zinc	66-2	1945061	1938951	1919333	1934448	0.69	cps
Zirconium	90-1	97981	98219	97786	97995	0.22	cps
Zirconium	91-1	22100	21810	21723	21878	0.90	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-04	Instrumnet Name :	P7
Client Sample ID :	MJNKD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:30:09	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3648480	3589596	3564961	3601012	1.19	cps
Antimony	121-1	49522	48391	47996	48637	1.63	cps
Arsenic	75-2	21329	20942	20691	20987	1.53	cps
Barium	135-1	225510	223836	226155	225167	0.53	cps
Barium	137-1	388875	391372	392599	390949	0.49	cps
Beryllium	9-1	457	407	443	436	5.94	cps
Bismuth	209-1	9454100	9201963	9200298	9285454	1.57	cps
Bismuth	209-2	7335377	7280204	7288571	7301384	0.41	cps
Bromine	81-1	24681	25362	25596	25213	1.89	cps
Bromine	81-2	2430	2327	2414	2390	2.32	cps
Cadmium	108-1	150	123	143	139	9.99	cps
Cadmium	106-1	3454	3410	3134	3333	5.21	cps
Cadmium	111-1	2743	2725	2528	2665	4.47	cps
Calcium	43-1	152050	151424	154547	152673	1.08	cps
Calcium	44-1	2394293	2366156	2416487	2392312	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187705	188995	187217	187973	0.49	cps
Cobalt	59-2	116410	114029	116605	115681	1.24	cps
Copper	63-2	194163	194118	193372	193884	0.23	cps
Dysprosium	156-1	30480	30293	31295	30689	1.74	cps
Dysprosium	156-2	23730	24595	23950	24092	1.87	cps
Erbium	164-1	30894	31272	30403	30856	1.41	cps
Erbium	164-2	21520	21674	21550	21581	0.38	cps
Gadolinium	160-1	31639	31439	32177	31752	1.20	cps
Gadolinium	160-2	23744	23163	23042	23316	1.61	cps
Holmium	165-1	15413294	14893483	14963635	15090137	1.87	cps
Holmium	165-2	10281915	10573140	10403155	10419404	1.40	cps
Indium	115-1	12334834	11835746	11815748	11995443	2.45	cps
Indium	115-2	4287062	4263092	4225937	4258697	0.72	cps
Iron	56-2	123696595	121587265	122158455	122480772	0.89	cps
Iron	57-2	3062476	3051589	3036040	3050035	0.44	cps
Iron	54-2	6779354	6803345	6687665	6756788	0.90	cps
Krypton	83-1	223	220	230	224	2.27	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-04	Instrumnet Name :	P7
Client Sample ID :	MJNKD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:30:09	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	111202	110464	108774	110147	1.13	cps
Lead	207-1	93151	92526	91885	92521	0.68	cps
Lead	208-1	430391	426960	425254	427535	0.61	cps
Lithium	6-1	1272266	1221782	1215610	1236553	2.51	cps
Magnesium	24-2	4394412	4362335	4314903	4357216	0.92	cps
Manganese	55-2	1564119	1552063	1532464	1549549	1.03	cps
Molybdenum	94-1	50400	50952	50824	50725	0.57	cps
Molybdenum	95-1	1593	1533	1503	1543	2.97	cps
Molybdenum	96-1	11995	11304	11848	11716	3.11	cps
Molybdenum	97-1	1067	1073	1033	1058	2.03	cps
Molybdenum	98-1	2524	2604	2387	2505	4.38	cps
Neodymium	150-1	43861	43300	44370	43843	1.22	cps
Neodymium	150-2	25814	25553	25867	25745	0.65	cps
Nickel	60-2	120143	120583	118752	119826	0.80	cps
Phosphorus	31-2	13810	13713	14297	13940	2.24	cps
Potassium	39-2	1576137	1617472	1551158	1581589	2.12	cps
Rhodium	103-1	11277101	11033612	10889146	11066620	1.77	cps
Rhodium	103-2	6725893	6655012	6616833	6665913	0.83	cps
Scandium	45-1	6289791	5987706	6006372	6094623	2.78	cps
Scandium	45-2	551806	553398	551907	552371	0.16	cps
Selenium	82-1	474	403	390	422	10.73	cps
Selenium	77-2	97	57	80	78	25.83	cps
Selenium	78-2	610	577	433	540	17.38	cps
Silicon	28-1	14361003	14474926	14508136	14448021	0.53	cps
Silver	107-1	2097	1157	893	1382	45.77	cps
Silver	109-1	1720	1027	850	1199	38.36	cps
Sodium	23-2	5607980	5584890	5535196	5576022	0.67	cps
Strontium	86-1	174626	176376	174655	175219	0.57	cps
Strontium	88-1	1573881	1595197	1569421	1579499	0.87	cps
Sulfur	34-1	152606	150128	150273	151003	0.92	cps
Terbium	159-1	16059686	15313319	15334594	15569200	2.73	cps
Terbium	159-2	10157324	10380000	10261292	10266206	1.09	cps
Thallium	203-1	1507	1350	1407	1421	5.58	cps
Thallium	205-1	3440	3304	3294	3346	2.45	cps
Tin	118-1	13260	12449	13200	12969	3.48	cps
Titanium	47-1	730284	725744	727479	727836	0.31	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-04	Instrumnet Name :	P7
Client Sample ID :	MJNKD1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:30:09	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15830	15903	15389	15707	1.77	cps
Vanadium	51-2	189693	189983	188850	189509	0.31	cps
Yttrium	89-1	14554572	13982128	14032924	14189875	2.23	cps
Yttrium	89-2	3790557	3801496	3740200	3777418	0.87	cps
Zinc	66-2	84618	84839	84571	84676	0.17	cps
Zirconium	90-1	133241	135585	136225	135017	1.16	cps
Zirconium	91-1	29557	30405	29697	29886	1.52	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-05	Instrumnet Name :	P7
Client Sample ID :	MJNKE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:33:20	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3492581	3490566	3423347	3468831	1.14	cps
Antimony	121-1	3709397	3605074	3647426	3653966	1.44	cps
Arsenic	75-2	304541	306007	303443	304663	0.42	cps
Barium	135-1	395187	391899	391930	393005	0.48	cps
Barium	137-1	677257	678771	676967	677665	0.14	cps
Beryllium	9-1	500	457	497	484	4.98	cps
Bismuth	209-1	9302048	9248624	9351643	9300772	0.55	cps
Bismuth	209-2	7241785	7256749	7154957	7217830	0.76	cps
Bromine	81-1	33381	34701	34353	34145	2.00	cps
Bromine	81-2	4137	4124	4151	4137	0.32	cps
Cadmium	108-1	690	583	677	650	8.94	cps
Cadmium	106-1	4164	4321	4247	4244	1.85	cps
Cadmium	111-1	8510	8828	8744	8694	1.89	cps
Calcium	43-1	1344251	1331156	1304393	1326600	1.53	cps
Calcium	44-1	21455593	21224149	21063403	21247715	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177703	178227	177437	177789	0.23	cps
Cobalt	59-2	499755	497732	501366	499618	0.36	cps
Copper	63-2	2556066	2575999	2545246	2559103	0.61	cps
Dysprosium	156-1	30774	30894	30470	30712	0.71	cps
Dysprosium	156-2	24271	24498	24137	24302	0.75	cps
Erbium	164-1	29768	29448	29110	29442	1.12	cps
Erbium	164-2	19904	19901	19988	19931	0.25	cps
Gadolinium	160-1	30994	31121	30456	30857	1.14	cps
Gadolinium	160-2	22785	22425	22441	22550	0.90	cps
Holmium	165-1	15119246	14896896	14895752	14970631	0.86	cps
Holmium	165-2	10239137	10192014	10147826	10192992	0.45	cps
Indium	115-1	12308080	12126252	12159925	12198086	0.79	cps
Indium	115-2	4366549	4270242	4293182	4309991	1.17	cps
Iron	56-2	241688263	243832830	241586303	242369132	0.52	cps
Iron	57-2	6101475	6107977	6085405	6098286	0.19	cps
Iron	54-2	13293773	13492333	13366552	13384220	0.75	cps
Krypton	83-1	227	213	237	226	5.19	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-05	Instrumnet Name :	P7
Client Sample ID :	MJNKE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:33:20	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7147046	7080619	7022318	7083328	0.88	cps
Lead	207-1	6114938	6143691	6188731	6149120	0.60	cps
Lead	208-1	28067480	27999371	27948740	28005197	0.21	cps
Lithium	6-1	1264548	1234081	1217276	1238635	1.93	cps
Magnesium	24-2	3991595	3937109	3959921	3962875	0.69	cps
Manganese	55-2	4021931	4024593	3993035	4013186	0.44	cps
Molybdenum	94-1	66145	66360	64685	65730	1.39	cps
Molybdenum	95-1	56880	55113	55066	55687	1.86	cps
Molybdenum	96-1	68493	68309	67059	67954	1.15	cps
Molybdenum	97-1	35379	34821	35089	35097	0.80	cps
Molybdenum	98-1	88939	90277	89053	89423	0.83	cps
Neodymium	150-1	47938	47493	46878	47436	1.12	cps
Neodymium	150-2	27534	27510	27737	27594	0.45	cps
Nickel	60-2	93513	91423	90920	91952	1.50	cps
Phosphorus	31-2	13139	13419	13710	13423	2.13	cps
Potassium	39-2	1732016	1728486	1757587	1739363	0.91	cps
Rhodium	103-1	11002733	10696257	10675202	10791397	1.70	cps
Rhodium	103-2	6540495	6428628	6416031	6461718	1.06	cps
Scandium	45-1	6072869	5898394	5972627	5981297	1.46	cps
Scandium	45-2	544790	543706	542685	543727	0.19	cps
Selenium	82-1	546	658	571	592	9.96	cps
Selenium	77-2	67	100	67	78	24.74	cps
Selenium	78-2	590	650	537	592	9.57	cps
Silicon	28-1	18367736	17939192	17716854	18007928	1.84	cps
Silver	107-1	18876	19700	18862	19146	2.51	cps
Silver	109-1	17671	18535	18308	18171	2.47	cps
Sodium	23-2	4960471	4954085	4871521	4928693	1.01	cps
Strontium	86-1	1362077	1364279	1359012	1361789	0.19	cps
Strontium	88-1	12411285	12409843	12231038	12350722	0.84	cps
Sulfur	34-1	247016	256518	257304	253613	2.26	cps
Terbium	159-1	15526720	15400783	15083076	15336859	1.49	cps
Terbium	159-2	10000254	10008347	10110438	10039680	0.61	cps
Thallium	203-1	4638	4591	4197	4475	5.40	cps
Thallium	205-1	10624	10511	10434	10523	0.91	cps
Tin	118-1	872572	866511	888968	876017	1.33	cps
Titanium	47-1	810813	803692	799121	804542	0.73	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-05	Instrumnet Name :	P7
Client Sample ID :	MJNKE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:33:20	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	64249	63093	62819	63387	1.20	cps
Vanadium	51-2	240334	238627	237195	238719	0.66	cps
Yttrium	89-1	14030202	13782085	13561340	13791209	1.70	cps
Yttrium	89-2	3747015	3687415	3710678	3715036	0.81	cps
Zinc	66-2	2977582	2951295	2941626	2956834	0.63	cps
Zirconium	90-1	93706	93059	91261	92675	1.37	cps
Zirconium	91-1	20781	20524	20571	20626	0.66	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-06	Instrumnet Name :	P7
Client Sample ID :	MJNKE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:36:21	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2180882	2181345	2120445	2160891	1.62	cps
Antimony	121-1	95189	94105	93783	94359	0.78	cps
Arsenic	75-2	13353	13543	13506	13467	0.75	cps
Barium	135-1	132876	132889	133960	133242	0.47	cps
Barium	137-1	228596	230652	227157	228802	0.77	cps
Beryllium	9-1	287	287	273	282	2.73	cps
Bismuth	209-1	9168435	9271559	9221714	9220569	0.56	cps
Bismuth	209-2	7256791	7258185	7282806	7265927	0.20	cps
Bromine	81-1	20117	21436	20955	20836	3.20	cps
Bromine	81-2	1397	1383	1453	1411	2.63	cps
Cadmium	108-1	137	127	133	132	3.85	cps
Cadmium	106-1	3437	3417	3247	3367	3.10	cps
Cadmium	111-1	3710	3817	3712	3746	1.63	cps
Calcium	43-1	3603934	3660128	3607149	3623737	0.87	cps
Calcium	44-1	57610471	58949127	57901947	58153849	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123164	123799	122408	123124	0.57	cps
Cobalt	59-2	99524	101064	99513	100034	0.89	cps
Copper	63-2	211362	212419	209986	211256	0.58	cps
Dysprosium	156-1	27096	27691	27417	27401	1.09	cps
Dysprosium	156-2	21056	22054	22011	21707	2.60	cps
Erbium	164-1	26378	26345	26171	26298	0.42	cps
Erbium	164-2	17805	17838	18055	17899	0.76	cps
Gadolinium	160-1	27093	27480	27928	27500	1.52	cps
Gadolinium	160-2	20532	20004	20275	20270	1.30	cps
Holmium	165-1	15159279	14982221	15059064	15066855	0.59	cps
Holmium	165-2	10309937	10062767	10296879	10223194	1.36	cps
Indium	115-1	11707759	11659774	11618782	11662105	0.38	cps
Indium	115-2	4190791	4181439	4236428	4202886	0.70	cps
Iron	56-2	89749855	90221832	90256365	90076018	0.31	cps
Iron	57-2	2279644	2294196	2303427	2292423	0.52	cps
Iron	54-2	4873743	4972399	4867551	4904565	1.20	cps
Krypton	83-1	287	230	243	253	11.70	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-06	Instrumnet Name :	P7
Client Sample ID :	MJNKE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:36:21	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	395413	398169	397941	397175	0.39	cps
Lead	207-1	337500	343663	342659	341274	0.97	cps
Lead	208-1	1550210	1567730	1567203	1561714	0.64	cps
Lithium	6-1	1239137	1230406	1202112	1223885	1.58	cps
Magnesium	24-2	2807646	2698024	2697387	2734352	2.32	cps
Manganese	55-2	7814585	7873382	7835216	7841061	0.38	cps
Molybdenum	94-1	15996	16262	15969	16076	1.01	cps
Molybdenum	95-1	3844	4041	3687	3857	4.59	cps
Molybdenum	96-1	7132	7469	7315	7305	2.31	cps
Molybdenum	97-1	2270	2250	2374	2298	2.88	cps
Molybdenum	98-1	5815	5758	5855	5809	0.84	cps
Neodymium	150-1	40742	40906	40983	40877	0.30	cps
Neodymium	150-2	24354	23707	24010	24024	1.35	cps
Nickel	60-2	70876	71356	70448	70893	0.64	cps
Phosphorus	31-2	9960	9937	10170	10022	1.28	cps
Potassium	39-2	733890	735797	726748	732145	0.65	cps
Rhodium	103-1	10516052	10647130	10573108	10578763	0.62	cps
Rhodium	103-2	6452700	6535144	6552917	6513587	0.82	cps
Scandium	45-1	5991489	5965914	5898170	5951858	0.81	cps
Scandium	45-2	537336	540894	540525	539585	0.36	cps
Selenium	82-1	402	396	426	408	3.86	cps
Selenium	77-2	87	83	93	88	5.80	cps
Selenium	78-2	467	600	520	529	12.69	cps
Silicon	28-1	10958784	11029497	10908882	10965721	0.55	cps
Silver	107-1	1900	2017	1847	1921	4.53	cps
Silver	109-1	1883	1793	1827	1835	2.48	cps
Sodium	23-2	1835493	1796775	1819986	1817418	1.07	cps
Strontium	86-1	4025815	4110529	4067468	4067937	1.04	cps
Strontium	88-1	35308959	36043016	35024959	35458978	1.48	cps
Sulfur	34-1	203894	205184	203982	204353	0.35	cps
Terbium	159-1	15308944	15241873	15137247	15229355	0.57	cps
Terbium	159-2	10111470	10023350	10228602	10121141	1.02	cps
Thallium	203-1	1337	1420	1433	1397	3.75	cps
Thallium	205-1	3334	3437	3344	3372	1.69	cps
Tin	118-1	22014	22458	22107	22193	1.05	cps
Titanium	47-1	563544	569281	565930	566252	0.51	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-06	Instrumnet Name :	P7
Client Sample ID :	MJNKE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:36:21	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17752	18062	18006	17940	0.92	cps
Vanadium	51-2	155892	157196	157101	156729	0.46	cps
Yttrium	89-1	13989203	13879767	13582745	13817238	1.52	cps
Yttrium	89-2	3729262	3699820	3734446	3721176	0.50	cps
Zinc	66-2	214900	216882	215002	215595	0.52	cps
Zirconium	90-1	37571	37992	37160	37575	1.11	cps
Zirconium	91-1	8062	8579	8346	8329	3.11	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-07	Instrumnet Name :	P7
Client Sample ID :	MJNKE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:39:30	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3720192	3788991	3694414	3734532	1.31	cps
Antimony	121-1	13783	14040	14154	13992	1.36	cps
Arsenic	75-2	33805	33879	33578	33754	0.46	cps
Barium	135-1	237885	240268	241763	239972	0.81	cps
Barium	137-1	413258	415580	417059	415299	0.46	cps
Beryllium	9-1	477	427	370	424	12.57	cps
Bismuth	209-1	9584509	9132326	9175782	9297539	2.68	cps
Bismuth	209-2	7316958	7405846	7227300	7316701	1.22	cps
Bromine	81-1	16339	16786	16686	16604	1.41	cps
Bromine	81-2	510	530	473	504	5.70	cps
Cadmium	108-1	230	220	270	240	11.02	cps
Cadmium	106-1	3847	3787	3520	3718	4.68	cps
Cadmium	111-1	5938	5904	5696	5846	2.23	cps
Calcium	43-1	162220	162277	161643	162047	0.22	cps
Calcium	44-1	2540976	2551877	2505626	2532827	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	225562	228776	226851	227063	0.71	cps
Cobalt	59-2	137022	135209	134610	135614	0.93	cps
Copper	63-2	182677	182090	180303	181690	0.68	cps
Dysprosium	156-1	25871	26675	26238	26261	1.53	cps
Dysprosium	156-2	20245	20542	20936	20574	1.68	cps
Erbium	164-1	27758	27654	27751	27721	0.21	cps
Erbium	164-2	18736	18706	18389	18610	1.03	cps
Gadolinium	160-1	27103	26906	27253	27087	0.64	cps
Gadolinium	160-2	19761	20185	20482	20142	1.80	cps
Holmium	165-1	15279642	15021758	14920381	15073927	1.23	cps
Holmium	165-2	10387734	10398085	10051234	10279017	1.92	cps
Indium	115-1	12072556	11912159	11806868	11930528	1.12	cps
Indium	115-2	4261930	4252553	4241920	4252134	0.24	cps
Iron	56-2	133586795	132867115	131024495	132492801	1.00	cps
Iron	57-2	3326527	3334915	3256436	3305959	1.30	cps
Iron	54-2	7185876	7210308	7222235	7206139	0.26	cps
Krypton	83-1	247	227	203	226	9.61	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-07	Instrumnet Name :	P7
Client Sample ID :	MJNKE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:39:30	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	49677	49801	49192	49557	0.65	cps
Lead	207-1	40714	39818	40136	40223	1.13	cps
Lead	208-1	188986	188587	188547	188707	0.13	cps
Lithium	6-1	1224707	1157511	1151382	1177866	3.45	cps
Magnesium	24-2	4100631	4149130	4114541	4121434	0.61	cps
Manganese	55-2	2197827	2211493	2190599	2199973	0.48	cps
Molybdenum	94-1	85139	84807	84773	84906	0.24	cps
Molybdenum	95-1	27619	27903	28150	27891	0.95	cps
Molybdenum	96-1	42137	43511	43173	42941	1.67	cps
Molybdenum	97-1	16917	17287	17204	17136	1.13	cps
Molybdenum	98-1	43993	45601	44712	44768	1.80	cps
Neodymium	150-1	35388	36460	36504	36117	1.75	cps
Neodymium	150-2	21770	21329	21193	21431	1.41	cps
Nickel	60-2	178360	182091	179224	179892	1.09	cps
Phosphorus	31-2	10250	11177	10791	10739	4.34	cps
Potassium	39-2	982026	988470	980537	983677	0.43	cps
Rhodium	103-1	11301945	11019242	10992048	11104412	1.55	cps
Rhodium	103-2	6661047	6631413	6742877	6678446	0.86	cps
Scandium	45-1	6154921	5976663	6012917	6048167	1.56	cps
Scandium	45-2	558255	565120	557979	560451	0.72	cps
Selenium	82-1	568	536	529	544	3.84	cps
Selenium	77-2	67	113	143	108	35.85	cps
Selenium	78-2	580	633	573	596	5.52	cps
Silicon	28-1	11882531	11951444	11888971	11907649	0.32	cps
Silver	107-1	1373	1290	1257	1307	4.60	cps
Silver	109-1	1040	1040	1070	1050	1.65	cps
Sodium	23-2	844088	850723	845930	846914	0.40	cps
Strontium	86-1	205366	203368	208190	205641	1.18	cps
Strontium	88-1	1827348	1863504	1868435	1853096	1.21	cps
Sulfur	34-1	611313	608355	612531	610733	0.35	cps
Terbium	159-1	15676879	15446448	15346386	15489904	1.09	cps
Terbium	159-2	10224583	10070274	10075776	10123544	0.86	cps
Thallium	203-1	1680	1723	1617	1673	3.21	cps
Thallium	205-1	3854	3964	3767	3862	2.55	cps
Tin	118-1	7569	7422	7735	7575	2.07	cps
Titanium	47-1	833240	834770	838156	835389	0.30	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-07	Instrumnet Name :	P7
Client Sample ID :	MJNKE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:39:30	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	191566	189990	190630	190729	0.42	cps
Vanadium	51-2	393196	396855	394004	394685	0.49	cps
Yttrium	89-1	14126302	13826378	13895368	13949350	1.13	cps
Yttrium	89-2	3781053	3811293	3745873	3779407	0.87	cps
Zinc	66-2	60589	61138	62694	61474	1.78	cps
Zirconium	90-1	185310	188345	188689	187448	0.99	cps
Zirconium	91-1	41462	42053	42398	41971	1.13	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-08	Instrumnet Name :	P7
Client Sample ID :	MJNKF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:42:38	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3739516	3718681	3759249	3739149	0.54	cps
Antimony	121-1	4997268	5113504	5108386	5073053	1.29	cps
Arsenic	75-2	378233	378161	380161	378852	0.30	cps
Barium	135-1	567079	578153	573698	572977	0.97	cps
Barium	137-1	983289	1007466	992817	994524	1.22	cps
Beryllium	9-1	483	577	530	530	8.80	cps
Bismuth	209-1	10284083	9284566	9331830	9633493	5.85	cps
Bismuth	209-2	7340933	7205135	7272150	7272739	0.93	cps
Bromine	81-1	33512	36021	36716	35416	4.76	cps
Bromine	81-2	4544	4671	4561	4592	1.50	cps
Cadmium	108-1	913	953	1107	991	10.30	cps
Cadmium	106-1	5278	4861	4824	4988	5.05	cps
Cadmium	111-1	11433	11724	11179	11445	2.38	cps
Calcium	43-1	1817471	1852676	1776545	1815564	2.10	cps
Calcium	44-1	28661221	29454962	29277105	29131096	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	176543	176142	174810	175832	0.52	cps
Cobalt	59-2	700164	693035	691768	694989	0.65	cps
Copper	63-2	3781025	3757486	3695683	3744731	1.18	cps
Dysprosium	156-1	30600	31201	31746	31182	1.84	cps
Dysprosium	156-2	24892	24368	24582	24614	1.07	cps
Erbium	164-1	29418	30433	29802	29884	1.72	cps
Erbium	164-2	20926	20882	20826	20878	0.24	cps
Gadolinium	160-1	30811	31355	31535	31234	1.21	cps
Gadolinium	160-2	23403	22468	22685	22852	2.14	cps
Holmium	165-1	16580730	15308084	14680226	15523013	6.24	cps
Holmium	165-2	10414632	10342878	10147940	10301817	1.34	cps
Indium	115-1	13550838	12501254	12332829	12794973	5.16	cps
Indium	115-2	4442716	4492876	4457161	4464251	0.58	cps
Iron	56-2	298908949	300819136	300245982	299991356	0.33	cps
Iron	57-2	7521419	7465772	7450147	7479112	0.50	cps
Iron	54-2	16375592	16387246	16481156	16414665	0.35	cps
Krypton	83-1	203	267	270	247	15.23	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-08	Instrumnet Name :	P7
Client Sample ID :	MJNKF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:42:38	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10570189	10799028	10625754	10664990	1.12	cps
Lead	207-1	9154735	9308829	9156477	9206680	0.96	cps
Lead	208-1	42106776	42791890	42436560	42445075	0.81	cps
Lithium	6-1	1346193	1229400	1183921	1253171	6.68	cps
Magnesium	24-2	4297530	4326940	4252726	4292399	0.87	cps
Manganese	55-2	2764177	2799279	2832136	2798530	1.21	cps
Molybdenum	94-1	70388	71805	70917	71037	1.01	cps
Molybdenum	95-1	48560	50343	49657	49520	1.82	cps
Molybdenum	96-1	64093	64719	64361	64391	0.49	cps
Molybdenum	97-1	30642	31708	31704	31351	1.96	cps
Molybdenum	98-1	78681	81800	81482	80654	2.13	cps
Neodymium	150-1	46098	47329	46376	46601	1.39	cps
Neodymium	150-2	27964	27343	26872	27393	2.00	cps
Nickel	60-2	86454	85428	85961	85948	0.60	cps
Phosphorus	31-2	11885	12235	11901	12007	1.65	cps
Potassium	39-2	1811311	1791067	1818910	1807096	0.80	cps
Rhodium	103-1	11847489	10872952	10710608	11143683	5.52	cps
Rhodium	103-2	6477333	6460209	6588130	6508557	1.07	cps
Scandium	45-1	6604840	6030700	5960911	6198817	5.70	cps
Scandium	45-2	550037	544202	541432	545224	0.81	cps
Selenium	82-1	762	577	630	656	14.56	cps
Selenium	77-2	83	123	107	104	19.24	cps
Selenium	78-2	523	527	630	560	10.83	cps
Silicon	28-1	14076992	14245935	14123467	14148798	0.62	cps
Silver	107-1	27326	28017	27970	27771	1.39	cps
Silver	109-1	25987	26775	26384	26382	1.49	cps
Sodium	23-2	6195977	6096673	6132326	6141658	0.82	cps
Strontium	86-1	1837277	1835597	1840623	1837832	0.14	cps
Strontium	88-1	15882201	16106147	16347187	16111845	1.44	cps
Sulfur	34-1	271526	276551	275794	274624	0.99	cps
Terbium	159-1	16853934	15444176	15157433	15818514	5.74	cps
Terbium	159-2	10236751	10038503	9988594	10087949	1.30	cps
Thallium	203-1	4648	4561	4317	4509	3.80	cps
Thallium	205-1	10344	10544	11098	10662	3.66	cps
Tin	118-1	880566	905437	903228	896410	1.54	cps
Titanium	47-1	836541	854163	849843	846849	1.08	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-08	Instrumnet Name :	P7
Client Sample ID :	MJNKF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:42:38	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54371	55268	54562	54734	0.86	cps
Vanadium	51-2	227018	226427	225534	226326	0.33	cps
Yttrium	89-1	15481993	13979340	13844245	14435192	6.30	cps
Yttrium	89-2	3761230	3770196	3763333	3764920	0.12	cps
Zinc	66-2	4804320	4769344	4802032	4791899	0.41	cps
Zirconium	90-1	112661	115358	114303	114108	1.19	cps
Zirconium	91-1	25248	25973	25719	25647	1.43	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-09	Instrumnet Name :	P7
Client Sample ID :	MJNKF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:45:44	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2630603	2638910	2621969	2630494	0.32	cps
Antimony	121-1	302544	302138	304338	303007	0.39	cps
Arsenic	75-2	28043	27726	27639	27803	0.76	cps
Barium	135-1	166184	165512	166197	165964	0.24	cps
Barium	137-1	280492	284420	285553	283488	0.94	cps
Beryllium	9-1	340	353	320	338	4.97	cps
Bismuth	209-1	9070452	9179361	9163898	9137904	0.64	cps
Bismuth	209-2	7348821	7289174	7163220	7267072	1.30	cps
Bromine	81-1	18415	19333	18956	18901	2.44	cps
Bromine	81-2	1010	977	1077	1021	4.99	cps
Cadmium	108-1	163	177	150	163	8.16	cps
Cadmium	106-1	3520	3560	3450	3510	1.59	cps
Cadmium	111-1	3735	3586	3558	3626	2.63	cps
Calcium	43-1	2987645	2992535	2971517	2983899	0.37	cps
Calcium	44-1	47919993	49023568	48551563	48498374	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131090	129506	129302	129966	0.75	cps
Cobalt	59-2	104930	104376	104088	104465	0.41	cps
Copper	63-2	234300	233074	235932	234435	0.61	cps
Dysprosium	156-1	27150	26515	26408	26691	1.50	cps
Dysprosium	156-2	21360	21236	20856	21150	1.24	cps
Erbium	164-1	27935	27223	27323	27494	1.40	cps
Erbium	164-2	18890	18516	19233	18880	1.90	cps
Gadolinium	160-1	27397	27380	28092	27623	1.47	cps
Gadolinium	160-2	20101	20712	20715	20510	1.72	cps
Holmium	165-1	15043089	15043986	15056415	15047830	0.05	cps
Holmium	165-2	10394253	10337560	10143498	10291771	1.28	cps
Indium	115-1	11796105	11746725	11430709	11657846	1.70	cps
Indium	115-2	4237647	4192464	4217574	4215895	0.54	cps
Iron	56-2	107592115	107499648	106202488	107098084	0.73	cps
Iron	57-2	2734727	2750045	2734466	2739746	0.33	cps
Iron	54-2	5938060	5812705	5809282	5853349	1.25	cps
Krypton	83-1	227	200	220	216	6.44	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-09	Instrumnet Name :	P7
Client Sample ID :	MJNKF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:45:44	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	404473	405140	401911	403841	0.42	cps
Lead	207-1	346428	344341	345207	345325	0.30	cps
Lead	208-1	1582105	1587528	1589743	1586459	0.25	cps
Lithium	6-1	1245125	1220051	1213123	1226099	1.37	cps
Magnesium	24-2	3181705	3195876	3178113	3185231	0.29	cps
Manganese	55-2	1867052	1835851	1884798	1862567	1.33	cps
Molybdenum	94-1	31551	32112	32423	32028	1.38	cps
Molybdenum	95-1	14190	14230	14037	14152	0.72	cps
Molybdenum	96-1	19777	19967	20261	20002	1.22	cps
Molybdenum	97-1	8713	8759	8666	8713	0.54	cps
Molybdenum	98-1	21873	21947	22471	22097	1.47	cps
Neodymium	150-1	38740	38335	38974	38683	0.83	cps
Neodymium	150-2	23106	23076	23076	23086	0.08	cps
Nickel	60-2	74849	74517	74595	74653	0.23	cps
Phosphorus	31-2	9853	9513	9803	9723	1.89	cps
Potassium	39-2	1025736	1019694	1010276	1018569	0.76	cps
Rhodium	103-1	10660728	10753839	10720504	10711690	0.44	cps
Rhodium	103-2	6576918	6608359	6472877	6552718	1.08	cps
Scandium	45-1	5986388	5953932	5869932	5936751	1.01	cps
Scandium	45-2	544257	541062	540041	541786	0.41	cps
Selenium	82-1	408	502	471	461	10.47	cps
Selenium	77-2	87	80	47	71	30.13	cps
Selenium	78-2	507	510	470	496	4.48	cps
Silicon	28-1	13085184	13000006	12936066	13007086	0.58	cps
Silver	107-1	2023	1830	1830	1895	5.89	cps
Silver	109-1	1703	1610	1550	1621	4.77	cps
Sodium	23-2	2054564	2007800	2013295	2025220	1.26	cps
Strontium	86-1	3266025	3201408	3227057	3231497	1.01	cps
Strontium	88-1	28219592	28116324	28060852	28132256	0.29	cps
Sulfur	34-1	355937	354400	355558	355298	0.23	cps
Terbium	159-1	15268029	15181805	15122939	15190925	0.48	cps
Terbium	159-2	10072940	9997476	10217655	10096024	1.11	cps
Thallium	203-1	1360	1353	1377	1363	0.88	cps
Thallium	205-1	3340	3304	3200	3282	2.21	cps
Tin	118-1	47475	47608	47381	47488	0.24	cps
Titanium	47-1	619229	617104	615001	617111	0.34	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-09	Instrumnet Name :	P7
Client Sample ID :	MJNKF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:45:44	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22369	22860	23124	22784	1.68	cps
Vanadium	51-2	167549	167337	164205	166363	1.13	cps
Yttrium	89-1	13793546	13776347	13751014	13773635	0.16	cps
Yttrium	89-2	3742336	3779456	3743657	3755149	0.56	cps
Zinc	66-2	205075	203773	202967	203938	0.52	cps
Zirconium	90-1	63346	64025	64568	63980	0.96	cps
Zirconium	91-1	14250	14390	14821	14487	2.05	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-10	Instrumnet Name :	P7
Client Sample ID :	MJNKG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:48:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2103749	2085842	2058742	2082778	1.09	cps
Antimony	121-1	63777	64383	63436	63865	0.75	cps
Arsenic	75-2	8029	8269	8186	8161	1.49	cps
Barium	135-1	43413	43205	44422	43680	1.49	cps
Barium	137-1	76249	75851	76826	76309	0.64	cps
Beryllium	9-1	297	260	240	266	10.82	cps
Bismuth	209-1	9994505	9387482	9342444	9574810	3.80	cps
Bismuth	209-2	7429176	7355190	7347073	7377146	0.61	cps
Bromine	81-1	27092	29059	29630	28593	4.66	cps
Bromine	81-2	3120	3290	3214	3208	2.65	cps
Cadmium	108-1	177	150	210	179	16.80	cps
Cadmium	106-1	3921	3687	3554	3721	4.99	cps
Cadmium	111-1	5299	5038	5074	5137	2.76	cps
Calcium	43-1	224577	224024	222626	223742	0.45	cps
Calcium	44-1	3462087	3531788	3498410	3497428	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125177	121860	121242	122760	1.72	cps
Cobalt	59-2	68947	68931	67799	68559	0.96	cps
Copper	63-2	95603	93604	93989	94399	1.12	cps
Dysprosium	156-1	23820	24231	24288	24113	1.06	cps
Dysprosium	156-2	18729	19280	18956	18988	1.46	cps
Erbium	164-1	22992	23039	23256	23096	0.61	cps
Erbium	164-2	15749	15956	15722	15809	0.81	cps
Gadolinium	160-1	24441	24325	24097	24288	0.72	cps
Gadolinium	160-2	18048	17851	17695	17865	0.99	cps
Holmium	165-1	16244154	15233414	15221329	15566299	3.77	cps
Holmium	165-2	10524739	10335310	10314112	10391387	1.12	cps
Indium	115-1	12648243	11970887	11907040	12175390	3.37	cps
Indium	115-2	4328375	4285492	4270792	4294886	0.70	cps
Iron	56-2	80452387	80965530	79053110	80157009	1.23	cps
Iron	57-2	2005972	2023689	1981245	2003635	1.06	cps
Iron	54-2	4434924	4394047	4367363	4398778	0.77	cps
Krypton	83-1	240	217	223	227	5.30	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-10	Instrumnet Name :	P7
Client Sample ID :	MJNKG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:48:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	96798	96869	96268	96645	0.34	cps
Lead	207-1	80963	81164	80534	80887	0.40	cps
Lead	208-1	376087	375908	373033	375009	0.46	cps
Lithium	6-1	1276537	1245020	1193711	1238423	3.38	cps
Magnesium	24-2	2751078	2747669	2766837	2755195	0.37	cps
Manganese	55-2	807571	810197	798373	805380	0.77	cps
Molybdenum	94-1	39547	40172	40108	39942	0.86	cps
Molybdenum	95-1	4841	5081	4991	4971	2.44	cps
Molybdenum	96-1	12359	12512	12082	12317	1.77	cps
Molybdenum	97-1	2927	3050	3154	3044	3.73	cps
Molybdenum	98-1	7692	7772	7349	7604	2.96	cps
Neodymium	150-1	36480	36855	36210	36515	0.89	cps
Neodymium	150-2	21787	21597	21426	21603	0.84	cps
Nickel	60-2	67407	67578	67357	67447	0.17	cps
Phosphorus	31-2	9743	9543	10093	9793	2.84	cps
Potassium	39-2	1050858	1062880	1054497	1056078	0.58	cps
Rhodium	103-1	11669320	10962274	10996135	11209243	3.56	cps
Rhodium	103-2	6704892	6832462	6739104	6758819	0.98	cps
Scandium	45-1	6361865	5950358	6017023	6109749	3.62	cps
Scandium	45-2	554880	554820	554093	554598	0.08	cps
Selenium	82-1	482	455	495	477	4.30	cps
Selenium	77-2	113	60	67	80	36.32	cps
Selenium	78-2	500	473	563	512	9.02	cps
Silicon	28-1	9487584	9613079	9614558	9571740	0.76	cps
Silver	107-1	1130	1057	1240	1142	8.08	cps
Silver	109-1	993	1000	1073	1022	4.34	cps
Sodium	23-2	3916418	3937249	3866309	3906659	0.93	cps
Strontium	86-1	205016	208569	205707	206431	0.91	cps
Strontium	88-1	1854407	1860296	1867015	1860573	0.34	cps
Sulfur	34-1	261623	259244	258956	259941	0.56	cps
Terbium	159-1	16563774	15237122	15423841	15741579	4.56	cps
Terbium	159-2	10188062	10094027	10012798	10098295	0.87	cps
Thallium	203-1	2080	1970	1950	2000	3.50	cps
Thallium	205-1	4844	4661	4591	4699	2.79	cps
Tin	118-1	11868	11838	12082	11929	1.11	cps
Titanium	47-1	624229	625876	631034	627046	0.57	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-10	Instrumnet Name :	P7
Client Sample ID :	MJNKG1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:48:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100436	100718	100523	100559	0.14	cps
Vanadium	51-2	187897	187975	185957	187277	0.61	cps
Yttrium	89-1	14405800	13824829	13874746	14035125	2.29	cps
Yttrium	89-2	3787656	3760773	3777157	3775195	0.36	cps
Zinc	66-2	62316	63374	63497	63062	1.03	cps
Zirconium	90-1	100148	102336	103004	101830	1.47	cps
Zirconium	91-1	22360	22544	22931	22612	1.29	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:52:02	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2353517	2333444	2401153	2362705	1.47	cps
Antimony	121-1	4047	4164	4041	4084	1.70	cps
Arsenic	75-2	8336	8436	8966	8579	3.95	cps
Barium	135-1	47860	47977	47445	47761	0.59	cps
Barium	137-1	82491	81740	82286	82172	0.47	cps
Beryllium	9-1	233	220	273	242	11.46	cps
Bismuth	209-1	9480511	9370207	9375431	9408717	0.66	cps
Bismuth	209-2	7282139	7386199	7399602	7355980	0.87	cps
Bromine	81-1	23385	23676	24921	23994	3.40	cps
Bromine	81-2	2073	1980	1967	2007	2.90	cps
Cadmium	108-1	180	193	187	187	3.57	cps
Cadmium	106-1	3457	3731	3420	3536	4.79	cps
Cadmium	111-1	4683	4890	4673	4748	2.58	cps
Calcium	43-1	124703	123024	125759	124495	1.11	cps
Calcium	44-1	1923337	1899198	1947232	1923256	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145140	143872	142751	143921	0.83	cps
Cobalt	59-2	74292	73418	75880	74530	1.67	cps
Copper	63-2	85857	85294	86679	85943	0.81	cps
Dysprosium	156-1	22688	23116	23333	23046	1.42	cps
Dysprosium	156-2	17952	18052	18389	18131	1.26	cps
Erbium	164-1	22164	21937	21410	21837	1.77	cps
Erbium	164-2	14768	14598	14868	14745	0.93	cps
Gadolinium	160-1	23146	23567	23396	23370	0.91	cps
Gadolinium	160-2	16804	16667	16670	16713	0.47	cps
Holmium	165-1	15260866	15147803	15098563	15169077	0.55	cps
Holmium	165-2	10334853	10338970	10314360	10329394	0.13	cps
Indium	115-1	12135871	11958961	12033163	12042665	0.74	cps
Indium	115-2	4321289	4350282	4232712	4301428	1.42	cps
Iron	56-2	87905345	88465942	88154279	88175189	0.32	cps
Iron	57-2	2222541	2196304	2187426	2202090	0.83	cps
Iron	54-2	4833124	4818276	4793327	4814909	0.42	cps
Krypton	83-1	220	227	237	228	3.68	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:52:02	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35259	35583	35115	35319	0.68	cps
Lead	207-1	28340	28547	28523	28470	0.40	cps
Lead	208-1	134428	134585	134787	134600	0.13	cps
Lithium	6-1	1187550	1170424	1169090	1175688	0.88	cps
Magnesium	24-2	2991780	3021814	2988592	3000728	0.61	cps
Manganese	55-2	911838	910831	907994	910221	0.22	cps
Molybdenum	94-1	41455	41348	41759	41521	0.51	cps
Molybdenum	95-1	7976	7469	7849	7764	3.40	cps
Molybdenum	96-1	15608	15435	15562	15535	0.58	cps
Molybdenum	97-1	4574	4844	4701	4706	2.87	cps
Molybdenum	98-1	12259	12369	12385	12338	0.56	cps
Neodymium	150-1	35251	35401	35074	35242	0.47	cps
Neodymium	150-2	20512	20385	20271	20389	0.59	cps
Nickel	60-2	86021	87174	87077	86758	0.74	cps
Phosphorus	31-2	10617	10684	10537	10613	0.69	cps
Potassium	39-2	974351	977047	981250	977549	0.36	cps
Rhodium	103-1	11111424	11131197	11049894	11097505	0.38	cps
Rhodium	103-2	6726542	6790108	6797722	6771458	0.58	cps
Scandium	45-1	6177833	5983319	5999253	6053469	1.78	cps
Scandium	45-2	556074	554300	557420	555931	0.28	cps
Selenium	82-1	457	496	437	463	6.40	cps
Selenium	77-2	70	40	90	67	37.75	cps
Selenium	78-2	517	503	480	500	3.71	cps
Silicon	28-1	10819958	10762563	10829743	10804088	0.34	cps
Silver	107-1	847	883	907	879	3.44	cps
Silver	109-1	737	720	783	747	4.40	cps
Sodium	23-2	3576663	3609545	3587237	3591148	0.47	cps
Strontium	86-1	105688	105266	106028	105661	0.36	cps
Strontium	88-1	914565	914217	924291	917691	0.62	cps
Sulfur	34-1	301625	298364	298240	299410	0.64	cps
Terbium	159-1	15630801	15546548	15343081	15506810	0.95	cps
Terbium	159-2	10232920	10115752	10124051	10157574	0.64	cps
Thallium	203-1	2217	2360	2184	2254	4.17	cps
Thallium	205-1	5341	5354	5391	5362	0.48	cps
Tin	118-1	6385	6388	6335	6369	0.47	cps
Titanium	47-1	723122	718569	720699	720797	0.32	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-11	Instrumnet Name :	P7
Client Sample ID :	MJNKG2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:52:02	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	95428	96136	95472	95679	0.41	cps
Vanadium	51-2	179689	181538	179527	180252	0.62	cps
Yttrium	89-1	14022834	14007901	13971205	14000646	0.19	cps
Yttrium	89-2	3750161	3780385	3810821	3780456	0.80	cps
Zinc	66-2	40097	39950	41083	40377	1.53	cps
Zirconium	90-1	100846	100588	101306	100913	0.36	cps
Zirconium	91-1	22234	22601	22517	22451	0.86	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-12	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:55:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4456463	4495560	4473744	4475256	0.44	cps
Antimony	121-1	9674845	9761280	9753192	9729773	0.49	cps
Arsenic	75-2	1039400	1046470	1043060	1042977	0.34	cps
Barium	135-1	740428	751084	745663	745725	0.71	cps
Barium	137-1	1277707	1299425	1294905	1290679	0.89	cps
Beryllium	9-1	693	787	780	753	6.91	cps
Bismuth	209-1	9615373	9289956	9294306	9399878	1.99	cps
Bismuth	209-2	7410695	7364950	7426720	7400789	0.43	cps
Bromine	81-1	53075	56789	57863	55909	4.49	cps
Bromine	81-2	8576	8893	8699	8723	1.83	cps
Cadmium	108-1	1230	1297	1300	1276	3.10	cps
Cadmium	106-1	5141	4964	5091	5065	1.80	cps
Cadmium	111-1	11531	11329	11700	11520	1.61	cps
Calcium	43-1	540886	545481	545947	544105	0.51	cps
Calcium	44-1	8504515	8526087	8497586	8509396	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	209177	210593	212416	210729	0.77	cps
Cobalt	59-2	1279658	1283077	1283799	1282178	0.17	cps
Copper	63-2	5727687	5814580	5816393	5786220	0.88	cps
Dysprosium	156-1	33049	33550	32979	33193	0.94	cps
Dysprosium	156-2	26983	26669	26926	26859	0.62	cps
Erbium	164-1	32384	32661	32093	32380	0.88	cps
Erbium	164-2	22311	22308	22348	22322	0.10	cps
Gadolinium	160-1	32605	33888	33159	33217	1.94	cps
Gadolinium	160-2	24168	24281	24635	24361	1.00	cps
Holmium	165-1	15433957	15175349	15170888	15260065	0.99	cps
Holmium	165-2	10353115	10275167	10424048	10350777	0.72	cps
Indium	115-1	13157852	13147364	13237801	13181006	0.38	cps
Indium	115-2	4636356	4703033	4707119	4682169	0.85	cps
Iron	56-2	466839313	466523873	461861273	465074820	0.60	cps
Iron	57-2	11445773	11501864	11532303	11493313	0.38	cps
Iron	54-2	25616745	25590685	25499835	25569088	0.24	cps
Krypton	83-1	227	207	227	220	5.25	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-12	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:55:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16031179	16053885	16196411	16093825	0.56	cps
Lead	207-1	13949590	14000612	13827964	13926056	0.64	cps
Lead	208-1	63587033	64151067	63199786	63645962	0.75	cps
Lithium	6-1	1211571	1172538	1165198	1183103	2.11	cps
Magnesium	24-2	4315189	4338014	4297049	4316750	0.48	cps
Manganese	55-2	2791478	2857178	2799248	2815968	1.27	cps
Molybdenum	94-1	151865	155178	153276	153440	1.08	cps
Molybdenum	95-1	137048	139184	138514	138249	0.79	cps
Molybdenum	96-1	165811	166260	168219	166763	0.77	cps
Molybdenum	97-1	86832	87989	87044	87289	0.71	cps
Molybdenum	98-1	223772	226517	225904	225398	0.64	cps
Neodymium	150-1	50393	50630	51152	50725	0.77	cps
Neodymium	150-2	29708	29154	29344	29402	0.96	cps
Nickel	60-2	90729	92144	90333	91069	1.05	cps
Phosphorus	31-2	20731	20551	20911	20731	0.87	cps
Potassium	39-2	2527300	2489130	2499455	2505295	0.79	cps
Rhodium	103-1	11220519	11034086	10890795	11048467	1.50	cps
Rhodium	103-2	6691014	6757369	6775826	6741403	0.66	cps
Scandium	45-1	6258989	6042865	6053011	6118288	1.99	cps
Scandium	45-2	567514	562106	565517	565046	0.48	cps
Selenium	82-1	797	853	798	816	3.91	cps
Selenium	77-2	110	177	163	150	23.52	cps
Selenium	78-2	553	610	743	636	15.35	cps
Silicon	28-1	19034083	19405139	18884938	19108053	1.40	cps
Silver	107-1	43458	44261	45100	44273	1.85	cps
Silver	109-1	41145	41616	42041	41601	1.08	cps
Sodium	23-2	8815571	8795559	8799075	8803402	0.12	cps
Strontium	86-1	513055	522788	518770	518204	0.94	cps
Strontium	88-1	4646356	4625924	4726574	4666285	1.14	cps
Sulfur	34-1	264113	264179	263952	264081	0.04	cps
Terbium	159-1	15881399	15489636	15498235	15623090	1.43	cps
Terbium	159-2	10229709	10128914	10249050	10202558	0.63	cps
Thallium	203-1	7169	7409	7225	7268	1.73	cps
Thallium	205-1	16800	17054	17361	17072	1.64	cps
Tin	118-1	2206922	2255746	2223474	2228714	1.11	cps
Titanium	47-1	960797	960833	968828	963486	0.48	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-12	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:55:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	78184	78857	78951	78664	0.53	cps
Vanadium	51-2	260159	262832	263295	262096	0.65	cps
Yttrium	89-1	14292974	14320198	14021594	14211589	1.16	cps
Yttrium	89-2	3868383	3886837	3853972	3869731	0.43	cps
Zinc	66-2	6663229	6740131	6630679	6678013	0.84	cps
Zirconium	90-1	197391	201938	201347	200225	1.23	cps
Zirconium	91-1	45965	46447	46470	46294	0.62	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-13	Instrumnet Name :	P7
Client Sample ID :	MJNLH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:58:15	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3328879	3341735	3325257	3331957	0.26	cps
Antimony	121-1	3751731	3732367	3762405	3748835	0.41	cps
Arsenic	75-2	272832	271913	270793	271846	0.38	cps
Barium	135-1	341215	343270	345136	343207	0.57	cps
Barium	137-1	591714	594247	594348	593437	0.25	cps
Beryllium	9-1	523	450	437	470	9.93	cps
Bismuth	209-1	9273265	9209477	9432040	9304927	1.23	cps
Bismuth	209-2	7313524	7336167	7365991	7338561	0.36	cps
Bromine	81-1	31156	32295	32502	31985	2.27	cps
Bromine	81-2	3637	3684	3731	3684	1.27	cps
Cadmium	108-1	650	783	587	673	14.91	cps
Cadmium	106-1	4394	4441	4354	4396	0.99	cps
Cadmium	111-1	8793	8936	8817	8849	0.86	cps
Calcium	43-1	1383838	1362044	1378298	1374727	0.82	cps
Calcium	44-1	22218376	22227101	21899102	22114860	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174580	175306	174881	174922	0.21	cps
Cobalt	59-2	446949	443266	443573	444596	0.46	cps
Copper	63-2	2222603	2237001	2269228	2242944	1.06	cps
Dysprosium	156-1	29822	30466	30533	30274	1.30	cps
Dysprosium	156-2	24628	24568	23804	24333	1.89	cps
Erbium	164-1	29384	29615	30143	29714	1.31	cps
Erbium	164-2	20038	20131	20472	20214	1.13	cps
Gadolinium	160-1	30563	30851	30984	30799	0.70	cps
Gadolinium	160-2	22722	22398	22298	22473	0.99	cps
Holmium	165-1	14976388	15186481	15068825	15077231	0.70	cps
Holmium	165-2	10230044	10463337	10198953	10297445	1.40	cps
Indium	115-1	12198282	12190917	12033141	12140780	0.77	cps
Indium	115-2	4343771	4370695	4353699	4356055	0.31	cps
Iron	56-2	228039830	229855743	231453203	229782925	0.74	cps
Iron	57-2	5726896	5776287	5745036	5749407	0.43	cps
Iron	54-2	12590005	12646551	12508235	12581597	0.55	cps
Krypton	83-1	243	217	253	238	7.97	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-13	Instrumnet Name :	P7
Client Sample ID :	MJNLH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:58:15	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6898571	6947618	7020354	6955515	0.88	cps
Lead	207-1	6001036	6016063	6039822	6018974	0.32	cps
Lead	208-1	27573691	27494655	27750553	27606299	0.47	cps
Lithium	6-1	1185972	1191941	1217841	1198584	1.41	cps
Magnesium	24-2	3802581	3863898	3858146	3841542	0.88	cps
Manganese	55-2	3489909	3514331	3436327	3480189	1.15	cps
Molybdenum	94-1	64096	63781	63276	63718	0.65	cps
Molybdenum	95-1	47169	47524	46671	47121	0.91	cps
Molybdenum	96-1	59156	59915	60019	59697	0.79	cps
Molybdenum	97-1	29881	30081	30686	30216	1.39	cps
Molybdenum	98-1	76924	77199	76921	77015	0.21	cps
Neodymium	150-1	45781	46035	46292	46036	0.56	cps
Neodymium	150-2	26675	26816	27073	26854	0.75	cps
Nickel	60-2	83832	84694	83863	84130	0.58	cps
Phosphorus	31-2	12212	12025	11841	12026	1.54	cps
Potassium	39-2	1514113	1496573	1514970	1508552	0.69	cps
Rhodium	103-1	11176902	10829406	10904252	10970186	1.67	cps
Rhodium	103-2	6627150	6636256	6612149	6625185	0.18	cps
Scandium	45-1	6142322	6023175	5906467	6023988	1.96	cps
Scandium	45-2	553983	551387	550769	552046	0.31	cps
Selenium	82-1	573	654	542	589	9.81	cps
Selenium	77-2	83	83	107	91	14.79	cps
Selenium	78-2	570	553	623	582	6.28	cps
Silicon	28-1	17261233	17172442	17112755	17182143	0.43	cps
Silver	107-1	17254	17564	17414	17411	0.89	cps
Silver	109-1	16683	16506	16219	16469	1.42	cps
Sodium	23-2	4085026	4080423	4135393	4100281	0.74	cps
Strontium	86-1	1394794	1375863	1395820	1388826	0.81	cps
Strontium	88-1	12632330	12732208	12625435	12663324	0.47	cps
Sulfur	34-1	247330	249393	250836	249186	0.71	cps
Terbium	159-1	15448232	15506046	15480454	15478244	0.19	cps
Terbium	159-2	10137533	10183424	10027688	10116215	0.79	cps
Thallium	203-1	3924	3697	4064	3895	4.75	cps
Thallium	205-1	9380	9207	9537	9374	1.76	cps
Tin	118-1	582180	587430	593879	587830	1.00	cps
Titanium	47-1	773187	773056	774109	773451	0.07	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-13	Instrumnet Name :	P7
Client Sample ID :	MJNLH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 19:58:15	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53712	53960	53518	53730	0.41	cps
Vanadium	51-2	228062	227408	226996	227489	0.24	cps
Yttrium	89-1	14238900	13897096	13883044	14006347	1.44	cps
Yttrium	89-2	3764067	3782113	3774728	3773636	0.24	cps
Zinc	66-2	3199393	3232958	3205157	3212503	0.56	cps
Zirconium	90-1	97373	99068	100222	98888	1.45	cps
Zirconium	91-1	22043	22601	22347	22330	1.25	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:01:16	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13300510	13251798	13298930	13283746	0.21	cps
Antimony	121-1	6078825	6098753	6028549	6068709	0.60	cps
Arsenic	75-2	295019	290364	291384	292255	0.84	cps
Barium	135-1	8008611	7876780	7855959	7913783	1.05	cps
Barium	137-1	13493125	13581528	13527487	13534047	0.33	cps
Beryllium	9-1	563096	567987	572036	567707	0.79	cps
Bismuth	209-1	8347901	8270751	8176723	8265125	1.04	cps
Bismuth	209-2	6577362	6440773	6544500	6520878	1.09	cps
Bromine	81-1	14824	14060	13887	14257	3.50	cps
Bromine	81-2	190	233	200	208	10.92	cps
Cadmium	108-1	107723	106820	106511	107018	0.59	cps
Cadmium	106-1	154821	155041	154070	154644	0.33	cps
Cadmium	111-1	1674526	1669162	1654922	1666203	0.61	cps
Calcium	43-1	7428360	7391348	7371207	7396972	0.39	cps
Calcium	44-1	118624908	117869622	117630922	118041817	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2325117	2336711	2289577	2317135	1.06	cps
Cobalt	59-2	3604736	3587671	3561276	3584561	0.61	cps
Copper	63-2	25402222	25537015	25421772	25453670	0.29	cps
Dysprosium	156-1	300	347	323	323	7.22	cps
Dysprosium	156-2	477	507	520	501	4.43	cps
Erbium	164-1	387	393	317	366	11.62	cps
Erbium	164-2	190	233	187	203	12.80	cps
Gadolinium	160-1	297	280	273	283	4.24	cps
Gadolinium	160-2	687	590	630	636	7.64	cps
Holmium	165-1	14534203	14503683	14147605	14395164	1.49	cps
Holmium	165-2	9665513	9733854	9889236	9762867	1.17	cps
Indium	115-1	10546881	10437964	10223779	10402875	1.58	cps
Indium	115-2	3738447	3747592	3718673	3734904	0.40	cps
Iron	56-2	542803819	537428339	536120832	538784330	0.66	cps
Iron	57-2	13635575	13534769	13316214	13495520	1.21	cps
Iron	54-2	29534334	29649908	29258506	29480916	0.68	cps
Krypton	83-1	180	177	183	180	1.85	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:01:16	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24979421	25088880	24607889	24892063	1.01	cps
Lead	207-1	21878961	21804832	21925261	21869685	0.28	cps
Lead	208-1	100002985	99873898	99425873	99767585	0.30	cps
Lithium	6-1	1182234	1201119	1172315	1185223	1.23	cps
Magnesium	24-2	103615518	101519772	103079252	102738181	1.06	cps
Manganese	55-2	18569954	18526743	18214665	18437121	1.05	cps
Molybdenum	94-1	20976617	20817311	20882591	20892173	0.38	cps
Molybdenum	95-1	30349328	30210753	29984029	30181370	0.61	cps
Molybdenum	96-1	33409268	33099739	32657539	33055515	1.14	cps
Molybdenum	97-1	19000828	18838875	18877968	18905891	0.45	cps
Molybdenum	98-1	48822853	48845056	48111739	48593216	0.86	cps
Neodymium	150-1	497	470	440	469	6.05	cps
Neodymium	150-2	127	123	167	139	17.36	cps
Nickel	60-2	853081	838327	849027	846812	0.90	cps
Phosphorus	31-2	119743	119290	120348	119794	0.44	cps
Potassium	39-2	66333561	65812626	65285812	65810666	0.80	cps
Rhodium	103-1	9543831	9365819	9200054	9369901	1.83	cps
Rhodium	103-2	5582801	5630787	5703721	5639103	1.08	cps
Scandium	45-1	5472705	5458579	5403112	5444799	0.68	cps
Scandium	45-2	492130	492237	491778	492048	0.05	cps
Selenium	82-1	86495	85188	84617	85433	1.13	cps
Selenium	77-2	8793	9170	9060	9007	2.15	cps
Selenium	78-2	30678	30431	30992	30701	0.92	cps
Silicon	28-1	3177855	3108396	3166817	3151023	1.18	cps
Silver	107-1	7528381	7436588	7389217	7451396	0.95	cps
Silver	109-1	7241277	7104156	7072536	7139323	1.26	cps
Sodium	23-2	166686241	167081318	166463698	166743752	0.19	cps
Strontium	86-1	1873807	1872728	1863062	1869866	0.32	cps
Strontium	88-1	16349754	16383203	16307564	16346840	0.23	cps
Sulfur	34-1	563042	557141	553626	557936	0.85	cps
Terbium	159-1	14583758	14497552	14224009	14435106	1.30	cps
Terbium	159-2	9539354	9500373	9546264	9528664	0.26	cps
Thallium	203-1	6240341	6315803	6256146	6270763	0.63	cps
Thallium	205-1	14949758	15087600	14886201	14974520	0.69	cps
Tin	118-1	4978991	4984030	4914642	4959221	0.78	cps
Titanium	47-1	6873605	6810727	6799535	6827956	0.58	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV039	Instrumnet Name :	P7
Client Sample ID :	CCV039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:01:16	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18995406	18968391	18416896	18793564	1.74	cps
Vanadium	51-2	2073038	2067309	2049243	2063197	0.60	cps
Yttrium	89-1	12497944	12457809	12090346	12348700	1.82	cps
Yttrium	89-2	3326390	3209701	3275936	3270676	1.79	cps
Zinc	66-2	4206034	4211746	4197965	4205248	0.16	cps
Zirconium	90-1	10106055	10293909	10071358	10157108	1.18	cps
Zirconium	91-1	2248574	2296964	2254922	2266820	1.16	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:04:01	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1440	1273	1067	1260	14.84	cps
Antimony	121-1	3270	3154	2474	2966	14.51	cps
Arsenic	75-2	57	50	17	41	52.12	cps
Barium	135-1	1553	1337	1123	1338	16.07	cps
Barium	137-1	2840	2330	1837	2336	21.48	cps
Beryllium	9-1	223	183	150	186	19.79	cps
Bismuth	209-1	9162940	9111618	9093345	9122635	0.40	cps
Bismuth	209-2	7289778	7376938	7390341	7352352	0.74	cps
Bromine	81-1	13670	13376	13613	13553	1.15	cps
Bromine	81-2	210	177	180	189	9.72	cps
Cadmium	108-1	50	37	43	43	15.38	cps
Cadmium	106-1	3054	3110	2910	3025	3.41	cps
Cadmium	111-1	2475	2535	2271	2427	5.70	cps
Calcium	43-1	1743	1617	1213	1525	18.16	cps
Calcium	44-1	31944	28864	23846	28218	14.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1513	1570	1397	1493	5.92	cps
Cobalt	59-2	447	430	257	378	27.85	cps
Copper	63-2	3851	3587	3154	3530	9.97	cps
Dysprosium	156-1	13	0	7	7	99.98	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	50	47	70	56	22.71	cps
Erbium	164-2	37	33	23	31	22.31	cps
Gadolinium	160-1	40	40	33	38	10.19	cps
Gadolinium	160-2	420	480	530	477	11.56	cps
Holmium	165-1	14379164	14335033	14353047	14355748	0.15	cps
Holmium	165-2	9978604	10013813	10211096	10067837	1.24	cps
Indium	115-1	11298896	11107211	11027931	11144679	1.25	cps
Indium	115-2	4149477	4045527	4117249	4104084	1.30	cps
Iron	56-2	72279	64361	57379	64673	11.53	cps
Iron	57-2	2184	2000	1817	2000	9.17	cps
Iron	54-2	5251	4941	4554	4915	7.10	cps
Krypton	83-1	203	263	180	216	19.94	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:04:01	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6775	6088	4844	5902	16.58	cps
Lead	207-1	5825	5284	4324	5144	14.77	cps
Lead	208-1	26627	24089	19856	23524	14.54	cps
Lithium	6-1	1331675	1327304	1336046	1331675	0.33	cps
Magnesium	24-2	10314	8943	7368	8875	16.61	cps
Manganese	55-2	2297	1967	1790	2018	12.75	cps
Molybdenum	94-1	4801	4117	3484	4134	15.93	cps
Molybdenum	95-1	6512	5765	4531	5602	17.86	cps
Molybdenum	96-1	7252	6148	5224	6208	16.35	cps
Molybdenum	97-1	4071	3794	2977	3614	15.73	cps
Molybdenum	98-1	10981	8913	7415	9103	19.67	cps
Neodymium	150-1	0	0	3	1	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	473	393	363	410	13.87	cps
Phosphorus	31-2	123	103	120	116	9.27	cps
Potassium	39-2	58833	57428	57434	57898	1.40	cps
Rhodium	103-1	10461065	10453416	10257737	10390739	1.11	cps
Rhodium	103-2	6451419	6448156	6469754	6456443	0.18	cps
Scandium	45-1	5586078	5596967	5651174	5611406	0.62	cps
Scandium	45-2	509527	506192	509845	508521	0.40	cps
Selenium	82-1	398	292	388	359	16.24	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	397	443	407	416	5.91	cps
Silicon	28-1	540343	538493	536329	538388	0.37	cps
Silver	107-1	2297	2090	1707	2031	14.74	cps
Silver	109-1	2180	1957	1523	1887	17.70	cps
Sodium	23-2	60789	57145	53529	57155	6.35	cps
Strontium	86-1	683	707	577	656	10.57	cps
Strontium	88-1	3640	3124	2437	3067	19.69	cps
Sulfur	34-1	164235	163503	163750	163829	0.23	cps
Terbium	159-1	14745334	14500989	14704456	14650260	0.89	cps
Terbium	159-2	9924884	9947247	9768490	9880207	0.99	cps
Thallium	203-1	2187	1823	1587	1866	16.20	cps
Thallium	205-1	5154	4628	4041	4608	12.09	cps
Tin	118-1	2097	2190	1933	2074	6.27	cps
Titanium	47-1	1510	1483	1043	1346	19.48	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB039	Instrumnet Name :	P7
Client Sample ID :	CCB039	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:04:01	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3507	3044	2537	3029	16.02	cps
Vanadium	51-2	207	157	150	171	18.10	cps
Yttrium	89-1	12810470	12662921	12659399	12710930	0.68	cps
Yttrium	89-2	3481765	3495507	3524003	3500425	0.62	cps
Zinc	66-2	850	770	617	746	15.90	cps
Zirconium	90-1	3094	2630	2300	2675	14.90	cps
Zirconium	91-1	663	580	497	580	14.37	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-14	Instrumnet Name :	P7
Client Sample ID :	MJNLH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:07:18	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3723842	3711027	3670963	3701944	0.75	cps
Antimony	121-1	5150793	5207317	5139626	5165912	0.70	cps
Arsenic	75-2	414993	411636	413316	413315	0.41	cps
Barium	135-1	481987	485768	483384	483713	0.40	cps
Barium	137-1	836817	839896	844096	840270	0.43	cps
Beryllium	9-1	590	613	617	607	2.39	cps
Bismuth	209-1	9379760	9372164	9481760	9411228	0.65	cps
Bismuth	209-2	7465660	7296188	7244532	7335460	1.58	cps
Bromine	81-1	32148	34550	36655	34451	6.55	cps
Bromine	81-2	4631	4431	4634	4565	2.55	cps
Cadmium	108-1	823	843	890	852	4.01	cps
Cadmium	106-1	4587	4277	4344	4403	3.71	cps
Cadmium	111-1	9862	10059	9810	9910	1.32	cps
Calcium	43-1	1742924	1779233	1790390	1770849	1.40	cps
Calcium	44-1	28754291	28645440	28343092	28580941	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187587	186127	186983	186899	0.39	cps
Cobalt	59-2	703436	700468	701014	701639	0.23	cps
Copper	63-2	3503757	3530521	3549007	3527762	0.64	cps
Dysprosium	156-1	31141	31576	30988	31235	0.98	cps
Dysprosium	156-2	24642	24592	24565	24599	0.16	cps
Erbium	164-1	31596	31756	31733	31695	0.27	cps
Erbium	164-2	21557	21477	21587	21540	0.26	cps
Gadolinium	160-1	31405	31201	32127	31578	1.54	cps
Gadolinium	160-2	23269	23049	23169	23163	0.48	cps
Holmium	165-1	15199025	15076241	14974863	15083376	0.74	cps
Holmium	165-2	10300063	10327800	10211915	10279926	0.59	cps
Indium	115-1	12507294	12195453	12226785	12309844	1.39	cps
Indium	115-2	4302087	4333046	4414363	4349832	1.33	cps
Iron	56-2	300220256	294756449	295655209	296877304	0.99	cps
Iron	57-2	7462030	7476398	7407610	7448679	0.49	cps
Iron	54-2	16211231	16112849	16095704	16139928	0.39	cps
Krypton	83-1	243	257	230	243	5.48	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-14	Instrumnet Name :	P7
Client Sample ID :	MJNLH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:07:18	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10231077	10430525	10337339	10332980	0.97	cps
Lead	207-1	8910833	9046646	9043876	9000452	0.86	cps
Lead	208-1	40818905	41274529	41241783	41111739	0.62	cps
Lithium	6-1	1320960	1278722	1237346	1279009	3.27	cps
Magnesium	24-2	4149546	4216264	4195157	4186989	0.81	cps
Manganese	55-2	2606358	2595029	2550455	2583947	1.14	cps
Molybdenum	94-1	72763	72361	72354	72493	0.32	cps
Molybdenum	95-1	57191	57787	58145	57708	0.83	cps
Molybdenum	96-1	71460	72472	72585	72172	0.86	cps
Molybdenum	97-1	35814	37120	36485	36473	1.79	cps
Molybdenum	98-1	93765	93084	93601	93483	0.38	cps
Neodymium	150-1	47774	47961	47162	47632	0.88	cps
Neodymium	150-2	28202	28298	27998	28166	0.54	cps
Nickel	60-2	87812	85622	87228	86887	1.30	cps
Phosphorus	31-2	11508	12122	11955	11861	2.68	cps
Potassium	39-2	1695021	1739574	1701040	1711878	1.41	cps
Rhodium	103-1	10624691	10489647	10483313	10532550	0.76	cps
Rhodium	103-2	6502177	6395854	6466613	6454882	0.84	cps
Scandium	45-1	5885193	5876981	5807275	5856483	0.73	cps
Scandium	45-2	529724	528815	530264	529601	0.14	cps
Selenium	82-1	660	605	638	634	4.38	cps
Selenium	77-2	110	93	103	102	8.21	cps
Selenium	78-2	527	560	573	553	4.34	cps
Silicon	28-1	17400433	17573416	17420018	17464622	0.54	cps
Silver	107-1	26644	26638	26070	26451	1.25	cps
Silver	109-1	25549	24511	25112	25057	2.08	cps
Sodium	23-2	5757772	5718615	5649518	5708635	0.96	cps
Strontium	86-1	2025967	1975310	1972496	1991258	1.51	cps
Strontium	88-1	17378849	17269678	17334748	17327758	0.32	cps
Sulfur	34-1	253449	254912	253936	254099	0.29	cps
Terbium	159-1	15451743	15188846	15202948	15281179	0.97	cps
Terbium	159-2	10017661	10050727	10028345	10032244	0.17	cps
Thallium	203-1	5868	5348	5378	5531	5.28	cps
Thallium	205-1	13640	12162	12446	12749	6.15	cps
Tin	118-1	968136	977587	993817	979847	1.33	cps
Titanium	47-1	896832	903333	896831	898999	0.42	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5248-14	Instrumnet Name :	P7
Client Sample ID :	MJNLH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:07:18	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52936	53588	53354	53293	0.62	cps
Vanadium	51-2	222551	221794	222511	222285	0.19	cps
Yttrium	89-1	13901090	13475363	13422496	13599650	1.93	cps
Yttrium	89-2	3686665	3691360	3721763	3699929	0.51	cps
Zinc	66-2	4260657	4287323	4314849	4287610	0.63	cps
Zirconium	90-1	105630	106815	106583	106343	0.59	cps
Zirconium	91-1	23936	24561	24250	24249	1.29	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-01	Instrumnet Name :	P7
Client Sample ID :	MJNKJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:10:19	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1121544	1109354	1118261	1116387	0.56	cps
Antimony	121-1	124836	123613	124886	124445	0.58	cps
Arsenic	75-2	88052	87593	88768	88138	0.67	cps
Barium	135-1	143576	141865	142316	142586	0.62	cps
Barium	137-1	247279	246607	246858	246915	0.14	cps
Beryllium	9-1	327	317	333	326	2.58	cps
Bismuth	209-1	9637808	9438991	9467982	9514927	1.13	cps
Bismuth	209-2	7448677	7485410	7369363	7434483	0.80	cps
Bromine	81-1	61353	66298	67152	64934	4.82	cps
Bromine	81-2	10767	10934	11231	10978	2.14	cps
Cadmium	108-1	317	273	263	284	9.97	cps
Cadmium	106-1	3734	3484	3460	3559	4.26	cps
Cadmium	111-1	5494	5358	5432	5428	1.26	cps
Calcium	43-1	140224	139615	139672	139837	0.24	cps
Calcium	44-1	2187526	2188377	2138614	2171506	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99032	98717	99723	99157	0.52	cps
Cobalt	59-2	145420	145480	145928	145609	0.19	cps
Copper	63-2	10989003	11077360	10932462	10999609	0.66	cps
Dysprosium	156-1	23056	22668	22438	22721	1.37	cps
Dysprosium	156-2	17915	18219	18295	18143	1.11	cps
Erbium	164-1	21380	21380	21664	21474	0.76	cps
Erbium	164-2	14875	14801	15155	14944	1.25	cps
Gadolinium	160-1	23042	22982	23059	23028	0.18	cps
Gadolinium	160-2	17231	17534	17528	17431	1.00	cps
Holmium	165-1	14960604	14996118	14998444	14985055	0.14	cps
Holmium	165-2	10404090	10396255	10169729	10323358	1.29	cps
Indium	115-1	11791217	11712808	11758981	11754335	0.34	cps
Indium	115-2	4301068	4284523	4230188	4271926	0.87	cps
Iron	56-2	80953077	81667905	81592837	81404607	0.48	cps
Iron	57-2	2014704	2052594	2067851	2045050	1.34	cps
Iron	54-2	4473200	4432201	4495183	4466861	0.72	cps
Krypton	83-1	240	237	243	240	1.39	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-01	Instrumnet Name :	P7
Client Sample ID :	MJNKJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:10:19	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3813036	3821078	3768940	3801018	0.74	cps
Lead	207-1	3254294	3255197	3327081	3278857	1.27	cps
Lead	208-1	15071034	14971210	15113615	15051953	0.49	cps
Lithium	6-1	1255317	1205443	1205143	1221967	2.36	cps
Magnesium	24-2	1999551	1963480	2044030	2002354	2.02	cps
Manganese	55-2	385668	385410	382108	384395	0.52	cps
Molybdenum	94-1	13133	13650	13553	13445	2.04	cps
Molybdenum	95-1	11601	11585	11254	11480	1.70	cps
Molybdenum	96-1	14284	14147	14407	14279	0.91	cps
Molybdenum	97-1	7355	7349	7362	7355	0.09	cps
Molybdenum	98-1	18395	18385	18649	18476	0.81	cps
Neodymium	150-1	33984	34282	34455	34240	0.70	cps
Neodymium	150-2	20278	20482	20432	20397	0.52	cps
Nickel	60-2	25538	25719	25171	25476	1.10	cps
Phosphorus	31-2	14407	14180	14097	14228	1.13	cps
Potassium	39-2	1353294	1329821	1328128	1337081	1.05	cps
Rhodium	103-1	10716960	10715503	10575863	10669442	0.76	cps
Rhodium	103-2	6631554	6720226	6528828	6626869	1.45	cps
Scandium	45-1	5942356	5945145	5833944	5907148	1.07	cps
Scandium	45-2	540676	534417	542405	539166	0.78	cps
Selenium	82-1	421	478	470	456	6.85	cps
Selenium	77-2	77	60	63	67	13.23	cps
Selenium	78-2	490	447	480	472	4.80	cps
Silicon	28-1	13290564	14029823	15203959	14174782	6.81	cps
Silver	107-1	119961	120941	120949	120617	0.47	cps
Silver	109-1	115133	115062	115576	115257	0.24	cps
Sodium	23-2	15853989	15715381	16017908	15862426	0.95	cps
Strontium	86-1	203750	206105	205917	205257	0.64	cps
Strontium	88-1	1860707	1893202	1874363	1876091	0.87	cps
Sulfur	34-1	340794	341470	337493	339919	0.63	cps
Terbium	159-1	15408256	15134525	15232728	15258503	0.91	cps
Terbium	159-2	10088525	10146903	10118568	10117999	0.29	cps
Thallium	203-1	4227	4177	3987	4131	3.07	cps
Thallium	205-1	9734	9750	9387	9623	2.13	cps
Tin	118-1	283531	284980	289058	285856	1.00	cps
Titanium	47-1	242287	234372	232873	236511	2.14	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-01	Instrumnet Name :	P7
Client Sample ID :	MJNKJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:10:19	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29607	30285	28905	29599	2.33	cps
Vanadium	51-2	113795	114484	115188	114489	0.61	cps
Yttrium	89-1	13596634	13645296	13678568	13640166	0.30	cps
Yttrium	89-2	3708901	3703423	3780124	3730816	1.15	cps
Zinc	66-2	673971	674672	675587	674743	0.12	cps
Zirconium	90-1	19170	18588	18512	18757	1.92	cps
Zirconium	91-1	4287	4227	4091	4202	2.40	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-02	Instrumnet Name :	P7
Client Sample ID :	MJNKJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:13:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220004	219060	217471	218845	0.59	cps
Antimony	121-1	53760	53516	53941	53739	0.40	cps
Arsenic	75-2	12946	13093	12869	12969	0.88	cps
Barium	135-1	52001	52209	51573	51928	0.62	cps
Barium	137-1	89775	90801	88262	89612	1.43	cps
Beryllium	9-1	90	117	87	98	16.82	cps
Bismuth	209-1	9476099	9422945	9506214	9468419	0.45	cps
Bismuth	209-2	7338519	7317374	7267925	7307939	0.50	cps
Bromine	81-1	22925	23339	24363	23542	3.15	cps
Bromine	81-2	1840	1680	1613	1711	6.81	cps
Cadmium	108-1	53	43	53	50	11.55	cps
Cadmium	106-1	2850	3294	3100	3081	7.21	cps
Cadmium	111-1	2402	2759	2548	2570	6.99	cps
Calcium	43-1	37877	37038	36534	37150	1.83	cps
Calcium	44-1	609172	608732	596461	604788	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10857	11051	10727	10878	1.50	cps
Cobalt	59-2	27996	27692	27946	27878	0.58	cps
Copper	63-2	307580	308712	304704	306999	0.67	cps
Dysprosium	156-1	9533	9523	9460	9506	0.42	cps
Dysprosium	156-2	7152	7145	6992	7096	1.28	cps
Erbium	164-1	8373	8976	9096	8815	4.40	cps
Erbium	164-2	6091	6135	6105	6110	0.36	cps
Gadolinium	160-1	9483	9690	9680	9618	1.21	cps
Gadolinium	160-2	7335	7585	7142	7354	3.02	cps
Holmium	165-1	15217421	15127253	15200607	15181760	0.32	cps
Holmium	165-2	10159397	10227928	10117401	10168242	0.55	cps
Indium	115-1	12028643	11945654	12017472	11997257	0.38	cps
Indium	115-2	4221354	4146377	4158338	4175356	0.96	cps
Iron	56-2	11688296	11566651	11441709	11565552	1.07	cps
Iron	57-2	290964	290992	291245	291067	0.05	cps
Iron	54-2	639368	643701	638729	640599	0.42	cps
Krypton	83-1	203	217	193	204	5.72	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-02	Instrumnet Name :	P7
Client Sample ID :	MJNKJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:13:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	269439	267281	269830	268850	0.51	cps
Lead	207-1	228389	229359	228331	228693	0.25	cps
Lead	208-1	1056005	1044943	1050713	1050554	0.53	cps
Lithium	6-1	1258724	1173903	1201374	1211334	3.57	cps
Magnesium	24-2	355464	351975	356275	354571	0.64	cps
Manganese	55-2	160947	160904	159289	160380	0.59	cps
Molybdenum	94-1	2097	2217	2157	2157	2.78	cps
Molybdenum	95-1	1853	1770	1830	1818	2.37	cps
Molybdenum	96-1	2374	2287	2287	2316	2.16	cps
Molybdenum	97-1	1180	1217	1177	1191	1.86	cps
Molybdenum	98-1	3094	3080	2900	3025	3.57	cps
Neodymium	150-1	13013	13116	12783	12971	1.32	cps
Neodymium	150-2	7459	7445	7672	7525	1.69	cps
Nickel	60-2	10107	10307	10374	10262	1.35	cps
Phosphorus	31-2	4384	4417	4601	4467	2.61	cps
Potassium	39-2	300670	296412	296514	297865	0.82	cps
Rhodium	103-1	11242204	11107739	10973713	11107886	1.21	cps
Rhodium	103-2	6694400	6663257	6688137	6681931	0.25	cps
Scandium	45-1	5927039	5869259	5759250	5851849	1.46	cps
Scandium	45-2	530770	534918	530797	532162	0.45	cps
Selenium	82-1	382	344	361	362	5.26	cps
Selenium	77-2	37	43	37	39	9.89	cps
Selenium	78-2	410	437	470	439	6.85	cps
Silicon	28-1	5344359	5307296	5364183	5338613	0.54	cps
Silver	107-1	2207	1827	1780	1938	12.08	cps
Silver	109-1	2080	1630	1520	1743	17.02	cps
Sodium	23-2	1482367	1468460	1486522	1479116	0.64	cps
Strontium	86-1	35560	34748	34778	35028	1.31	cps
Strontium	88-1	305469	300286	303508	303088	0.86	cps
Sulfur	34-1	162274	163261	160718	162084	0.79	cps
Terbium	159-1	15657370	15450654	15448476	15518834	0.77	cps
Terbium	159-2	9872759	10058538	9984538	9971945	0.94	cps
Thallium	203-1	617	573	660	617	7.03	cps
Thallium	205-1	1453	1583	1480	1506	4.56	cps
Tin	118-1	14808	14741	15585	15045	3.12	cps
Titanium	47-1	25308	24019	24233	24520	2.82	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-02	Instrumnet Name :	P7
Client Sample ID :	MJNKJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:13:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4227	4484	4294	4335	3.07	cps
Vanadium	51-2	12889	13122	13042	13018	0.91	cps
Yttrium	89-1	14195488	13704456	13748944	13882962	1.96	cps
Yttrium	89-2	3626021	3604177	3625255	3618484	0.34	cps
Zinc	66-2	159215	156469	154961	156882	1.37	cps
Zirconium	90-1	2870	2947	2787	2868	2.79	cps
Zirconium	91-1	643	513	623	593	11.80	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-03	Instrumnet Name :	P7
Client Sample ID :	MJNKJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:16:39	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917132	913583	914684	915133	0.20	cps
Antimony	121-1	69939	69688	69939	69855	0.21	cps
Arsenic	75-2	46268	45072	46075	45805	1.40	cps
Barium	135-1	75312	73884	73967	74388	1.08	cps
Barium	137-1	128770	129836	129341	129316	0.41	cps
Beryllium	9-1	210	230	293	244	17.80	cps
Bismuth	209-1	9744033	9743117	9839102	9775417	0.56	cps
Bismuth	209-2	7520104	7634050	7728640	7627598	1.37	cps
Bromine	81-1	48282	50693	52479	50485	4.17	cps
Bromine	81-2	7559	7485	7055	7366	3.69	cps
Cadmium	108-1	173	233	183	197	16.34	cps
Cadmium	106-1	3654	3284	3547	3495	5.45	cps
Cadmium	111-1	5565	5312	5604	5494	2.89	cps
Calcium	43-1	138471	136252	139396	138040	1.17	cps
Calcium	44-1	2196333	2173221	2128523	2166026	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92132	93279	93410	92941	0.76	cps
Cobalt	59-2	45592	45489	46585	45889	1.32	cps
Copper	63-2	8015667	8004150	8138297	8052705	0.92	cps
Dysprosium	156-1	19166	19534	19016	19239	1.38	cps
Dysprosium	156-2	14404	15055	15265	14908	3.01	cps
Erbium	164-1	17675	17751	18426	17951	2.30	cps
Erbium	164-2	11785	11912	12079	11925	1.23	cps
Gadolinium	160-1	18783	19113	19240	19045	1.24	cps
Gadolinium	160-2	14271	14137	14464	14291	1.15	cps
Holmium	165-1	15066079	15452429	15553349	15357286	1.67	cps
Holmium	165-2	10442482	10505981	10549216	10499227	0.51	cps
Indium	115-1	12050859	12145068	12054153	12083360	0.44	cps
Indium	115-2	4338256	4326608	4303738	4322867	0.41	cps
Iron	56-2	51136974	51168428	51300906	51202103	0.17	cps
Iron	57-2	1285422	1292161	1289920	1289168	0.27	cps
Iron	54-2	2819943	2811743	2848421	2826702	0.68	cps
Krypton	83-1	243	177	193	204	16.97	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-03	Instrumnet Name :	P7
Client Sample ID :	MJNKJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:16:39	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2870149	2833384	2821832	2841788	0.89	cps
Lead	207-1	2466510	2464310	2491905	2474242	0.62	cps
Lead	208-1	11345442	11251707	11322417	11306522	0.43	cps
Lithium	6-1	1215664	1245218	1197643	1219508	1.97	cps
Magnesium	24-2	1548908	1535430	1560376	1548238	0.81	cps
Manganese	55-2	203192	203058	202535	202928	0.17	cps
Molybdenum	94-1	11431	11741	11828	11667	1.79	cps
Molybdenum	95-1	11231	10877	11041	11050	1.60	cps
Molybdenum	96-1	13093	14187	13186	13489	4.50	cps
Molybdenum	97-1	7189	6685	7195	7023	4.17	cps
Molybdenum	98-1	17868	18038	18041	17982	0.55	cps
Neodymium	150-1	29611	29361	29200	29391	0.70	cps
Neodymium	150-2	17374	17531	16703	17203	2.56	cps
Nickel	60-2	38102	38740	38429	38424	0.83	cps
Phosphorus	31-2	8549	8129	7909	8196	3.97	cps
Potassium	39-2	1118755	1121227	1120003	1119995	0.11	cps
Rhodium	103-1	11121863	11045700	11064280	11077281	0.36	cps
Rhodium	103-2	6831216	6812636	6714436	6786096	0.92	cps
Scandium	45-1	5987425	6040777	5936653	5988285	0.87	cps
Scandium	45-2	553113	545222	551458	549931	0.76	cps
Selenium	82-1	451	552	468	490	11.02	cps
Selenium	77-2	70	77	40	62	31.39	cps
Selenium	78-2	533	513	487	511	4.58	cps
Silicon	28-1	8939586	8421358	8686984	8682643	2.98	cps
Silver	107-1	141215	142444	143403	142354	0.77	cps
Silver	109-1	136005	135338	136303	135882	0.36	cps
Sodium	23-2	12731489	12811904	12830597	12791330	0.41	cps
Strontium	86-1	167979	168209	167221	167803	0.31	cps
Strontium	88-1	1515756	1508366	1498877	1507666	0.56	cps
Sulfur	34-1	368148	369394	368682	368741	0.17	cps
Terbium	159-1	15598955	15401327	15571973	15524085	0.69	cps
Terbium	159-2	10300874	10206858	10181189	10229641	0.62	cps
Thallium	203-1	2604	2560	2790	2651	4.61	cps
Thallium	205-1	6682	6282	6241	6402	3.80	cps
Tin	118-1	125875	126937	126614	126475	0.43	cps
Titanium	47-1	236596	235007	235809	235804	0.34	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-03	Instrumnet Name :	P7
Client Sample ID :	MJNKJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:16:39	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32082	31948	32460	32164	0.82	cps
Vanadium	51-2	88571	88853	89624	89016	0.61	cps
Yttrium	89-1	13924532	14013509	14028360	13988800	0.40	cps
Yttrium	89-2	3831915	3767360	3760040	3786438	1.04	cps
Zinc	66-2	278524	276898	281705	279042	0.88	cps
Zirconium	90-1	14364	14671	14464	14500	1.08	cps
Zirconium	91-1	3410	3304	3290	3335	1.97	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-07	Instrumnet Name :	P7
Client Sample ID :	MJNKK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:19:45	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870179	865995	859083	865086	0.65	cps
Antimony	121-1	75054	73962	75306	74774	0.96	cps
Arsenic	75-2	53335	51944	51700	52326	1.69	cps
Barium	135-1	115823	114543	115447	115271	0.57	cps
Barium	137-1	201010	199672	197481	199388	0.89	cps
Beryllium	9-1	213	170	173	186	13.00	cps
Bismuth	209-1	9615581	9357512	9450833	9474642	1.38	cps
Bismuth	209-2	7326844	7416647	7225260	7322917	1.31	cps
Bromine	81-1	45864	47526	48489	47293	2.81	cps
Bromine	81-2	6865	7078	6902	6948	1.64	cps
Cadmium	108-1	250	270	287	269	6.83	cps
Cadmium	106-1	3594	3620	3327	3514	4.62	cps
Cadmium	111-1	5608	5476	5134	5406	4.53	cps
Calcium	43-1	560863	559034	551965	557287	0.84	cps
Calcium	44-1	8748024	8607554	8656575	8670718	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81147	81140	81140	81142	0.00	cps
Cobalt	59-2	77850	77666	76386	77301	1.03	cps
Copper	63-2	10182673	10221232	10065095	10156333	0.80	cps
Dysprosium	156-1	24301	24438	24398	24379	0.29	cps
Dysprosium	156-2	18242	19000	18729	18657	2.06	cps
Erbium	164-1	22178	21774	22094	22015	0.97	cps
Erbium	164-2	14901	14020	14491	14471	3.05	cps
Gadolinium	160-1	24304	24094	24825	24408	1.54	cps
Gadolinium	160-2	17334	18065	17481	17627	2.19	cps
Holmium	165-1	15744056	15088593	15103863	15312170	2.44	cps
Holmium	165-2	10198133	10283268	10210848	10230750	0.45	cps
Indium	115-1	12191203	11718636	11784226	11898022	2.15	cps
Indium	115-2	4223392	4278636	4147429	4216485	1.56	cps
Iron	56-2	57037694	55871086	55566308	56158362	1.38	cps
Iron	57-2	1418014	1395410	1377814	1397079	1.44	cps
Iron	54-2	3119928	3062925	3048122	3076991	1.23	cps
Krypton	83-1	227	213	247	229	7.33	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-07	Instrumnet Name :	P7
Client Sample ID :	MJNKK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:19:45	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2181601	2133002	2149271	2154625	1.15	cps
Lead	207-1	1880227	1889976	1860736	1876979	0.79	cps
Lead	208-1	8608862	8534145	8489632	8544213	0.71	cps
Lithium	6-1	1219096	1175079	1202815	1198997	1.86	cps
Magnesium	24-2	1336344	1336665	1320816	1331275	0.68	cps
Manganese	55-2	267198	262376	261494	263689	1.16	cps
Molybdenum	94-1	13059	13530	12732	13107	3.06	cps
Molybdenum	95-1	10430	10731	10474	10545	1.54	cps
Molybdenum	96-1	13033	13360	13189	13194	1.24	cps
Molybdenum	97-1	6735	6708	6458	6634	2.30	cps
Molybdenum	98-1	17113	17461	17030	17201	1.33	cps
Neodymium	150-1	38873	39057	38426	38785	0.84	cps
Neodymium	150-2	22438	22101	22602	22380	1.14	cps
Nickel	60-2	21345	21095	21018	21153	0.81	cps
Phosphorus	31-2	14040	13980	14143	14054	0.59	cps
Potassium	39-2	951110	942541	936537	943396	0.78	cps
Rhodium	103-1	11122372	10796544	10930921	10949945	1.50	cps
Rhodium	103-2	6717963	6689698	6503949	6637203	1.75	cps
Scandium	45-1	6154220	5908064	5895059	5985781	2.44	cps
Scandium	45-2	536822	534121	530205	533716	0.62	cps
Selenium	82-1	435	426	421	428	1.64	cps
Selenium	77-2	57	93	70	73	25.30	cps
Selenium	78-2	547	457	493	499	9.07	cps
Silicon	28-1	13873479	12680585	12476539	13010201	5.80	cps
Silver	107-1	98790	96310	95639	96913	1.71	cps
Silver	109-1	93412	92895	89910	92072	2.05	cps
Sodium	23-2	9748293	9637194	9706120	9697202	0.58	cps
Strontium	86-1	682504	682931	675635	680356	0.60	cps
Strontium	88-1	6185060	6124653	6090281	6133331	0.78	cps
Sulfur	34-1	357013	358743	357699	357818	0.24	cps
Terbium	159-1	15853026	15245854	15190668	15429849	2.38	cps
Terbium	159-2	10141495	10086591	9957631	10061906	0.94	cps
Thallium	203-1	5288	5408	5204	5300	1.93	cps
Thallium	205-1	12819	12589	12032	12480	3.24	cps
Tin	118-1	116563	118408	117350	117440	0.79	cps
Titanium	47-1	305786	300418	297895	301366	1.34	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-07	Instrumnet Name :	P7
Client Sample ID :	MJNKK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:19:45	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39723	38663	38763	39050	1.50	cps
Vanadium	51-2	62900	63379	63329	63203	0.42	cps
Yttrium	89-1	14184517	13824308	13715671	13908165	1.76	cps
Yttrium	89-2	3753617	3703831	3711395	3722947	0.72	cps
Zinc	66-2	398400	392993	390788	394060	0.99	cps
Zirconium	90-1	18281	18532	18612	18475	0.93	cps
Zirconium	91-1	4134	4281	4227	4214	1.76	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-08	Instrumnet Name :	P7
Client Sample ID :	MJNKK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:22:52	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1359343	1359775	1313035	1344051	2.00	cps
Antimony	121-1	93112	91958	93377	92816	0.81	cps
Arsenic	75-2	83634	84438	81961	83344	1.52	cps
Barium	135-1	183666	187303	183290	184753	1.20	cps
Barium	137-1	320228	318606	316996	318610	0.51	cps
Beryllium	9-1	267	270	223	253	10.28	cps
Bismuth	209-1	9602386	9581845	9400010	9528080	1.17	cps
Bismuth	209-2	7411403	7448490	7284783	7381559	1.16	cps
Bromine	81-1	57816	62361	62361	60846	4.31	cps
Bromine	81-2	9340	9540	10057	9645	3.84	cps
Cadmium	108-1	300	240	213	251	17.68	cps
Cadmium	106-1	3674	3607	3404	3562	3.95	cps
Cadmium	111-1	5941	5908	5732	5861	1.92	cps
Calcium	43-1	154248	153675	152144	153356	0.71	cps
Calcium	44-1	2346164	2430832	2390605	2389200	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108752	107375	107899	108009	0.64	cps
Cobalt	59-2	126612	124818	122535	124655	1.64	cps
Copper	63-2	13548832	13519456	13483283	13517190	0.24	cps
Dysprosium	156-1	24425	24652	24458	24511	0.50	cps
Dysprosium	156-2	19240	18769	18803	18937	1.39	cps
Erbium	164-1	23069	22762	23096	22976	0.81	cps
Erbium	164-2	15722	15028	15102	15284	2.50	cps
Gadolinium	160-1	25163	24939	25002	25035	0.46	cps
Gadolinium	160-2	17291	18152	17731	17725	2.43	cps
Holmium	165-1	15351167	15214733	14869731	15145210	1.64	cps
Holmium	165-2	10289559	10307802	10226308	10274557	0.42	cps
Indium	115-1	11933949	12187845	11850996	11990930	1.46	cps
Indium	115-2	4367960	4282946	4275655	4308854	1.19	cps
Iron	56-2	89830192	88535139	89358612	89241314	0.73	cps
Iron	57-2	2282757	2225715	2222556	2243676	1.51	cps
Iron	54-2	4949762	4913647	4910133	4924514	0.45	cps
Krypton	83-1	210	263	250	241	11.51	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-08	Instrumnet Name :	P7
Client Sample ID :	MJNKK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:22:52	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3211663	3096000	3123887	3143850	1.92	cps
Lead	207-1	2782574	2773417	2674312	2743434	2.19	cps
Lead	208-1	12576382	12532883	12226747	12445337	1.53	cps
Lithium	6-1	1198157	1187001	1194560	1193239	0.48	cps
Magnesium	24-2	2092712	2102445	2078983	2091380	0.56	cps
Manganese	55-2	462322	459715	457728	459922	0.50	cps
Molybdenum	94-1	13476	14160	14461	14032	3.60	cps
Molybdenum	95-1	12722	13146	13039	12969	1.70	cps
Molybdenum	96-1	16556	16833	15892	16427	2.94	cps
Molybdenum	97-1	8643	8292	8336	8424	2.27	cps
Molybdenum	98-1	21155	21793	21232	21394	1.63	cps
Neodymium	150-1	37817	37436	37209	37488	0.82	cps
Neodymium	150-2	21780	21597	22148	21841	1.28	cps
Nickel	60-2	41183	41979	41410	41524	0.99	cps
Phosphorus	31-2	13863	14007	13850	13906	0.63	cps
Potassium	39-2	1326630	1337804	1314495	1326310	0.88	cps
Rhodium	103-1	11025524	11133057	10842950	11000510	1.33	cps
Rhodium	103-2	6819320	6701190	6661275	6727262	1.22	cps
Scandium	45-1	5851377	5869021	5818094	5846164	0.44	cps
Scandium	45-2	547780	551890	548332	549334	0.41	cps
Selenium	82-1	515	426	404	448	13.07	cps
Selenium	77-2	107	63	73	81	27.98	cps
Selenium	78-2	567	560	543	557	2.16	cps
Silicon	28-1	21527713	20056873	19690017	20424868	4.76	cps
Silver	107-1	125618	125699	124105	125141	0.72	cps
Silver	109-1	120015	120906	118980	119967	0.80	cps
Sodium	23-2	14520254	14486737	14202476	14403156	1.21	cps
Strontium	86-1	205896	208779	205568	206748	0.85	cps
Strontium	88-1	1873188	1860368	1868061	1867206	0.35	cps
Sulfur	34-1	434365	430518	426496	430460	0.91	cps
Terbium	159-1	15644339	15579145	15077705	15433730	2.01	cps
Terbium	159-2	10289402	10167783	10275093	10244093	0.65	cps
Thallium	203-1	5124	5111	5488	5241	4.08	cps
Thallium	205-1	12492	12536	12359	12462	0.74	cps
Tin	118-1	204506	203004	200701	202737	0.95	cps
Titanium	47-1	312585	315463	309802	312617	0.91	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-08	Instrumnet Name :	P7
Client Sample ID :	MJNKK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:22:52	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36049	36467	35150	35889	1.87	cps
Vanadium	51-2	107097	107724	108154	107658	0.49	cps
Yttrium	89-1	14210649	13980693	13722876	13971406	1.75	cps
Yttrium	89-2	3797192	3813413	3773212	3794606	0.53	cps
Zinc	66-2	600872	603850	592461	599061	0.99	cps
Zirconium	90-1	17457	18001	17634	17697	1.57	cps
Zirconium	91-1	3987	4057	4187	4077	2.49	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-09	Instrumnet Name :	P7
Client Sample ID :	MJNKK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:25:54	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008891	998051	995585	1000842	0.71	cps
Antimony	121-1	107531	107206	106558	107098	0.46	cps
Arsenic	75-2	89766	89598	89873	89746	0.15	cps
Barium	135-1	109316	109459	109084	109286	0.17	cps
Barium	137-1	189434	189046	189062	189181	0.12	cps
Beryllium	9-1	257	253	247	252	2.02	cps
Bismuth	209-1	9507025	9471728	9599285	9526013	0.69	cps
Bismuth	209-2	7430238	7411444	7541603	7461095	0.94	cps
Bromine	81-1	54758	58248	59473	57493	4.26	cps
Bromine	81-2	8666	8653	9136	8818	3.12	cps
Cadmium	108-1	287	313	323	308	6.16	cps
Cadmium	106-1	3580	3624	3574	3593	0.76	cps
Cadmium	111-1	6120	6152	5949	6074	1.80	cps
Calcium	43-1	145823	144520	143837	144727	0.70	cps
Calcium	44-1	2267804	2238667	2223363	2243278	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87797	86938	86298	87011	0.86	cps
Cobalt	59-2	117993	117415	116367	117258	0.70	cps
Copper	63-2	15601676	15335036	15413862	15450192	0.89	cps
Dysprosium	156-1	22585	22271	22411	22422	0.70	cps
Dysprosium	156-2	17134	16990	17618	17247	1.91	cps
Erbium	164-1	21236	21123	20248	20869	2.59	cps
Erbium	164-2	14074	14020	14641	14245	2.41	cps
Gadolinium	160-1	21864	22361	22498	22241	1.50	cps
Gadolinium	160-2	15906	16483	16650	16346	2.39	cps
Holmium	165-1	15270301	15492329	15098372	15287001	1.29	cps
Holmium	165-2	10285060	10301569	10505677	10364102	1.19	cps
Indium	115-1	12260644	12122530	12106232	12163135	0.70	cps
Indium	115-2	4313131	4359017	4326654	4332934	0.54	cps
Iron	56-2	81744630	80695282	81534875	81324929	0.68	cps
Iron	57-2	2032133	2055170	2032844	2040049	0.64	cps
Iron	54-2	4481658	4484671	4440781	4469037	0.55	cps
Krypton	83-1	217	193	257	222	14.41	cps

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-09	Instrumnet Name :	P7
Client Sample ID :	MJNKK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:25:54	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3453683	3408228	3483220	3448377	1.10	cps
Lead	207-1	3003257	2986026	3000612	2996632	0.31	cps
Lead	208-1	13621804	13494613	13632466	13582961	0.56	cps
Lithium	6-1	1178543	1133321	1141635	1151166	2.09	cps
Magnesium	24-2	1816524	1788754	1805280	1803519	0.77	cps
Manganese	55-2	380437	379612	379884	379978	0.11	cps
Molybdenum	94-1	12208	12442	12929	12527	2.94	cps
Molybdenum	95-1	11905	11905	11741	11850	0.80	cps
Molybdenum	96-1	14571	14858	14758	14729	0.99	cps
Molybdenum	97-1	7312	7145	7392	7283	1.73	cps
Molybdenum	98-1	19456	18702	19076	19078	1.98	cps
Neodymium	150-1	34078	34178	34295	34184	0.32	cps
Neodymium	150-2	19300	19520	19270	19363	0.71	cps
Nickel	60-2	29395	29603	29873	29624	0.81	cps
Phosphorus	31-2	14564	14404	14944	14637	1.90	cps
Potassium	39-2	1243192	1272299	1237129	1250874	1.50	cps
Rhodium	103-1	11111055	11047122	11129214	11095797	0.39	cps
Rhodium	103-2	6827882	6800073	6834093	6820683	0.27	cps
Scandium	45-1	6036292	5924741	6024002	5995011	1.02	cps
Scandium	45-2	559651	555825	559113	558196	0.37	cps
Selenium	82-1	498	515	446	486	7.44	cps
Selenium	77-2	103	83	73	87	17.63	cps
Selenium	78-2	563	560	560	561	0.34	cps
Silicon	28-1	10779828	10730034	10641922	10717261	0.65	cps
Silver	107-1	126166	127494	126798	126819	0.52	cps
Silver	109-1	121121	122140	120520	121260	0.68	cps
Sodium	23-2	13938228	13652355	13780829	13790470	1.04	cps
Strontium	86-1	191171	191762	190643	191192	0.29	cps
Strontium	88-1	1751861	1698408	1730626	1726965	1.56	cps
Sulfur	34-1	459980	455549	457215	457581	0.49	cps
Terbium	159-1	15660149	15286749	15497127	15481342	1.21	cps
Terbium	159-2	10162338	10241745	10180458	10194847	0.41	cps
Thallium	203-1	5858	5945	5975	5926	1.02	cps
Thallium	205-1	14424	14057	13904	14129	1.89	cps
Tin	118-1	221121	221175	220939	221079	0.06	cps
Titanium	47-1	237949	234976	236642	236522	0.63	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5272-09	Instrumnet Name :	P7
Client Sample ID :	MJNKK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:25:54	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25014	25114	24429	24852	1.49	cps
Vanadium	51-2	93621	93873	93296	93596	0.31	cps
Yttrium	89-1	14245666	14085971	13960250	14097295	1.01	cps
Yttrium	89-2	3809777	3850679	3813282	3824580	0.59	cps
Zinc	66-2	530784	525396	525376	527185	0.59	cps
Zirconium	90-1	15952	17602	15925	16493	5.82	cps
Zirconium	91-1	3744	3844	3787	3792	1.32	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:28:59	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6309464	6344326	6213989	6289260	1.07	cps
Antimony	121-1	3934	3864	3787	3862	1.90	cps
Arsenic	75-2	6538	6381	6358	6426	1.52	cps
Barium	135-1	755085	742787	739779	745883	1.09	cps
Barium	137-1	1290834	1282072	1274397	1282434	0.64	cps
Beryllium	9-1	1320	1210	1310	1280	4.75	cps
Bismuth	209-1	8668364	9230413	9236969	9045249	3.61	cps
Bismuth	209-2	7407157	7288300	7121283	7272247	1.97	cps
Bromine	81-1	19066	18675	18255	18665	2.17	cps
Bromine	81-2	777	827	723	776	6.66	cps
Cadmium	108-1	343	367	393	368	6.80	cps
Cadmium	106-1	4337	4524	4071	4311	5.29	cps
Cadmium	111-1	4609	4771	4513	4631	2.82	cps
Calcium	43-1	1048513	1033062	1027751	1036442	1.04	cps
Calcium	44-1	16480516	16229740	16180909	16297055	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2393289	2355449	2379319	2376019	0.81	cps
Cobalt	59-2	232395	229674	230808	230959	0.59	cps
Copper	63-2	542385	541693	542146	542075	0.06	cps
Dysprosium	156-1	93461	91502	92438	92467	1.06	cps
Dysprosium	156-2	71715	72586	71939	72080	0.63	cps
Erbium	164-1	95054	93792	92748	93865	1.23	cps
Erbium	164-2	63487	63992	62931	63470	0.84	cps
Gadolinium	160-1	95583	94241	93351	94392	1.19	cps
Gadolinium	160-2	66225	67465	66788	66826	0.93	cps
Holmium	165-1	14399161	15125632	15303109	14942634	3.21	cps
Holmium	165-2	10421590	10425440	10254769	10367266	0.94	cps
Indium	115-1	11214045	11788695	11825376	11609372	2.95	cps
Indium	115-2	4236584	4198285	4203638	4212836	0.49	cps
Iron	56-2	361476915	361416968	358754688	360549524	0.43	cps
Iron	57-2	8995890	8996519	8953277	8981896	0.28	cps
Iron	54-2	19497985	19547366	19596641	19547331	0.25	cps
Krypton	83-1	413	363	340	372	10.06	cps

Reviewed By:Jaswal
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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:28:59	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	195107	194915	193855	194626	0.35	cps
Lead	207-1	163650	162262	161653	162522	0.63	cps
Lead	208-1	759374	756704	753049	756375	0.42	cps
Lithium	6-1	1096910	1129872	1123469	1116750	1.57	cps
Magnesium	24-2	6611840	6737468	6719887	6689732	1.02	cps
Manganese	55-2	13856945	13893532	13783584	13844687	0.40	cps
Molybdenum	94-1	171043	169266	166400	168903	1.39	cps
Molybdenum	95-1	54699	53594	53093	53795	1.53	cps
Molybdenum	96-1	86692	83936	84639	85089	1.68	cps
Molybdenum	97-1	34484	33565	36301	34783	4.00	cps
Molybdenum	98-1	86829	87590	86236	86885	0.78	cps
Neodymium	150-1	141956	140976	140579	141170	0.50	cps
Neodymium	150-2	81567	81397	80421	81128	0.76	cps
Nickel	60-2	91674	89934	89757	90455	1.17	cps
Phosphorus	31-2	23478	23565	23889	23644	0.92	cps
Potassium	39-2	785775	789576	785087	786813	0.31	cps
Rhodium	103-1	10260842	10799667	10904726	10655078	3.24	cps
Rhodium	103-2	6635922	6618851	6573954	6609576	0.48	cps
Scandium	45-1	5903930	6146232	6167351	6072504	2.41	cps
Scandium	45-2	558418	557716	555890	557341	0.23	cps
Selenium	82-1	419	487	506	471	9.73	cps
Selenium	77-2	283	230	213	242	15.10	cps
Selenium	78-2	617	657	557	610	8.25	cps
Silicon	28-1	14048608	13910929	14052528	14004021	0.58	cps
Silver	107-1	3064	2460	2527	2684	12.33	cps
Silver	109-1	2717	2210	2080	2336	14.40	cps
Sodium	23-2	413441	416365	411910	413905	0.55	cps
Strontium	86-1	423509	419054	415621	419395	0.94	cps
Strontium	88-1	3793951	3787694	3728059	3769902	0.96	cps
Sulfur	34-1	174884	172579	171604	173023	0.97	cps
Terbium	159-1	14329348	15531414	15294336	15051699	4.23	cps
Terbium	159-2	10222105	10301963	10051760	10191943	1.25	cps
Thallium	203-1	3317	3144	3250	3237	2.70	cps
Thallium	205-1	7796	7619	7502	7639	1.93	cps
Tin	118-1	39644	40086	39003	39578	1.38	cps
Titanium	47-1	3042592	3005160	2988017	3011923	0.93	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-01	Instrumnet Name :	P7
Client Sample ID :	MJNBZ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:28:59	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	69123	68701	69592	69139	0.64	cps
Vanadium	51-2	676702	674748	673338	674929	0.25	cps
Yttrium	89-1	14302103	14936789	14712114	14650335	2.20	cps
Yttrium	89-2	4053851	4061643	4028876	4048123	0.42	cps
Zinc	66-2	114189	114542	114468	114399	0.16	cps
Zirconium	90-1	381862	374519	369101	375161	1.71	cps
Zirconium	91-1	83774	84407	83623	83935	0.50	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:32:08	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13570187	13431379	13571045	13524203	0.59	cps
Antimony	121-1	2347	2204	2607	2386	8.57	cps
Arsenic	75-2	5581	5584	5638	5601	0.57	cps
Barium	135-1	572034	586204	575771	578003	1.27	cps
Barium	137-1	999403	997163	991811	996126	0.39	cps
Beryllium	9-1	1360	1430	1283	1358	5.40	cps
Bismuth	209-1	9356284	9195824	9023833	9191980	1.81	cps
Bismuth	209-2	7338831	7330569	7347593	7338998	0.12	cps
Bromine	81-1	17447	17721	17631	17599	0.79	cps
Bromine	81-2	770	780	807	786	2.41	cps
Cadmium	108-1	400	377	310	362	12.89	cps
Cadmium	106-1	4211	4184	4054	4150	2.02	cps
Cadmium	111-1	4499	4638	4409	4515	2.55	cps
Calcium	43-1	445273	444768	444306	444782	0.11	cps
Calcium	44-1	6963914	6977314	6905533	6948920	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148098	146985	145336	146806	0.95	cps
Cobalt	59-2	250239	251396	249058	250231	0.47	cps
Copper	63-2	669904	671915	666567	669462	0.40	cps
Dysprosium	156-1	95428	95958	95559	95648	0.29	cps
Dysprosium	156-2	76245	77070	76222	76512	0.63	cps
Erbium	164-1	84577	83843	82766	83729	1.09	cps
Erbium	164-2	58221	58127	57863	58070	0.32	cps
Gadolinium	160-1	95875	95959	95378	95737	0.33	cps
Gadolinium	160-2	68557	69890	68483	68976	1.15	cps
Holmium	165-1	15561317	15205945	15195841	15321034	1.36	cps
Holmium	165-2	10530382	10518373	10428090	10492282	0.53	cps
Indium	115-1	12162457	11708497	11795151	11888702	2.03	cps
Indium	115-2	4266992	4207370	4296144	4256835	1.06	cps
Iron	56-2	278879323	272916423	272420429	274738725	1.31	cps
Iron	57-2	6940644	6939340	6756574	6878853	1.54	cps
Iron	54-2	15239851	15212011	15099344	15183735	0.49	cps
Krypton	83-1	290	333	273	299	10.36	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:32:08	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	231441	234071	232544	232685	0.57	cps
Lead	207-1	195212	195552	193330	194698	0.61	cps
Lead	208-1	904783	904605	897406	902264	0.47	cps
Lithium	6-1	1218729	1152822	1178402	1183317	2.81	cps
Magnesium	24-2	9546285	9463366	9521248	9510299	0.45	cps
Manganese	55-2	4343388	4321658	4249350	4304799	1.14	cps
Molybdenum	94-1	126764	131144	129694	129201	1.73	cps
Molybdenum	95-1	4224	4144	4044	4137	2.18	cps
Molybdenum	96-1	29787	29132	28635	29185	1.98	cps
Molybdenum	97-1	2534	2710	2634	2626	3.37	cps
Molybdenum	98-1	6622	6765	6428	6605	2.56	cps
Neodymium	150-1	161743	163199	160650	161864	0.79	cps
Neodymium	150-2	93789	95094	95326	94736	0.87	cps
Nickel	60-2	93857	92349	92033	92746	1.05	cps
Phosphorus	31-2	24476	24169	24513	24386	0.77	cps
Potassium	39-2	940379	933923	940144	938149	0.39	cps
Rhodium	103-1	11021558	10931991	10969502	10974351	0.41	cps
Rhodium	103-2	6753579	6614325	6695628	6687844	1.05	cps
Scandium	45-1	6368004	6076302	6234282	6226196	2.35	cps
Scandium	45-2	577194	575324	571552	574690	0.50	cps
Selenium	82-1	567	462	554	527	10.86	cps
Selenium	77-2	240	270	283	264	8.39	cps
Selenium	78-2	637	657	610	634	3.69	cps
Silicon	28-1	10222137	10397853	10958224	10526072	3.65	cps
Silver	107-1	1883	1913	1700	1832	6.30	cps
Silver	109-1	1613	1667	1660	1647	1.76	cps
Sodium	23-2	433605	431426	429288	431440	0.50	cps
Strontium	86-1	447885	443699	444224	445269	0.51	cps
Strontium	88-1	4052068	4011624	4013402	4025698	0.57	cps
Sulfur	34-1	151209	148709	147500	149139	1.27	cps
Terbium	159-1	15839939	15435896	15543075	15606303	1.34	cps
Terbium	159-2	10241389	10364453	10175463	10260435	0.93	cps
Thallium	203-1	1777	1570	1847	1731	8.31	cps
Thallium	205-1	4294	4127	4141	4187	2.21	cps
Tin	118-1	13580	13196	13306	13361	1.48	cps
Titanium	47-1	1268189	1235268	1268868	1257441	1.53	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-02	Instrumnet Name :	P7
Client Sample ID :	MJNBZ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:32:08	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42090	41856	41528	41825	0.67	cps
Vanadium	51-2	466154	459291	460371	461938	0.80	cps
Yttrium	89-1	15089669	14738247	14946163	14924693	1.18	cps
Yttrium	89-2	4071865	3990974	4019503	4027447	1.02	cps
Zinc	66-2	212548	214011	212111	212890	0.47	cps
Zirconium	90-1	334576	345872	341555	340668	1.67	cps
Zirconium	91-1	73441	74104	76234	74593	1.96	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:35:19	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8762025	8699519	8659659	8707068	0.59	cps
Antimony	121-1	3100	3047	3040	3063	1.07	cps
Arsenic	75-2	3811	3957	3894	3887	1.89	cps
Barium	135-1	625230	624176	623188	624198	0.16	cps
Barium	137-1	1075954	1079535	1070737	1075409	0.41	cps
Beryllium	9-1	1227	1237	1243	1236	0.68	cps
Bismuth	209-1	9414974	9367023	9242921	9341640	0.95	cps
Bismuth	209-2	7314565	7369592	7292899	7325685	0.54	cps
Bromine	81-1	17948	18151	18235	18111	0.82	cps
Bromine	81-2	787	790	830	802	3.01	cps
Cadmium	108-1	380	407	363	383	5.70	cps
Cadmium	106-1	3714	3917	3811	3814	2.67	cps
Cadmium	111-1	5414	5508	5336	5419	1.58	cps
Calcium	43-1	362647	364325	358780	361917	0.79	cps
Calcium	44-1	5656542	5678547	5523381	5619490	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127829	127399	127647	127625	0.17	cps
Cobalt	59-2	197985	198039	195823	197282	0.64	cps
Copper	63-2	351049	349331	350684	350355	0.26	cps
Dysprosium	156-1	51568	51133	51069	51257	0.53	cps
Dysprosium	156-2	40124	40458	40391	40324	0.44	cps
Erbium	164-1	46942	46825	46915	46894	0.13	cps
Erbium	164-2	32144	32261	31515	31973	1.25	cps
Gadolinium	160-1	50440	51093	50685	50739	0.65	cps
Gadolinium	160-2	37139	36036	36454	36543	1.52	cps
Holmium	165-1	15378389	15463086	15265059	15368844	0.65	cps
Holmium	165-2	10271239	10345014	10152496	10256250	0.95	cps
Indium	115-1	12178650	11863422	11954643	11998905	1.35	cps
Indium	115-2	4296407	4151292	4162704	4203468	1.92	cps
Iron	56-2	211534210	209752844	207641584	209642879	0.93	cps
Iron	57-2	5275801	5230596	5208147	5238181	0.66	cps
Iron	54-2	11584912	11301677	11367747	11418112	1.30	cps
Krypton	83-1	287	300	240	276	11.43	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:35:19	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367797	367138	366819	367251	0.14	cps
Lead	207-1	303954	304499	304530	304328	0.11	cps
Lead	208-1	1414869	1417842	1411409	1414707	0.23	cps
Lithium	6-1	1198348	1161046	1213307	1190900	2.26	cps
Magnesium	24-2	5760243	5716832	5751954	5743010	0.40	cps
Manganese	55-2	3897944	3820312	3828561	3848939	1.11	cps
Molybdenum	94-1	85600	87004	87404	86669	1.09	cps
Molybdenum	95-1	3751	3944	3947	3881	2.90	cps
Molybdenum	96-1	20581	20962	20651	20732	0.98	cps
Molybdenum	97-1	2424	2317	2507	2416	3.94	cps
Molybdenum	98-1	5905	6315	5945	6055	3.74	cps
Neodymium	150-1	80588	82097	79925	80870	1.38	cps
Neodymium	150-2	47403	46965	47600	47322	0.69	cps
Nickel	60-2	70491	69671	69644	69935	0.69	cps
Phosphorus	31-2	17767	17704	17450	17640	0.95	cps
Potassium	39-2	814192	808646	803944	808927	0.63	cps
Rhodium	103-1	11103248	10952027	10933517	10996264	0.85	cps
Rhodium	103-2	6708032	6646169	6568988	6641063	1.05	cps
Scandium	45-1	6280360	6058855	5987944	6109053	2.50	cps
Scandium	45-2	558131	557510	551830	555824	0.62	cps
Selenium	82-1	471	438	449	453	3.73	cps
Selenium	77-2	163	127	167	152	14.58	cps
Selenium	78-2	630	610	547	596	7.31	cps
Silicon	28-1	11978082	11992427	11860814	11943774	0.60	cps
Silver	107-1	1223	1183	1287	1231	4.23	cps
Silver	109-1	1047	1083	1133	1088	4.00	cps
Sodium	23-2	324346	322509	324094	323650	0.31	cps
Strontium	86-1	442527	442427	439079	441344	0.44	cps
Strontium	88-1	3954622	3987719	3899248	3947197	1.13	cps
Sulfur	34-1	145545	144680	144933	145052	0.31	cps
Terbium	159-1	15685705	15723484	15401384	15603524	1.13	cps
Terbium	159-2	10181340	10209787	10161924	10184350	0.24	cps
Thallium	203-1	1803	1830	1767	1800	1.77	cps
Thallium	205-1	4287	4211	3851	4116	5.67	cps
Tin	118-1	15809	15478	15899	15729	1.41	cps
Titanium	47-1	885161	880660	860741	875521	1.48	cps

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Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-03	Instrumnet Name :	P7
Client Sample ID :	MJNBZ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:35:19	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36661	36400	36367	36476	0.44	cps
Vanadium	51-2	419189	417421	419060	418557	0.24	cps
Yttrium	89-1	14208139	14066491	14148652	14141094	0.50	cps
Yttrium	89-2	3833138	3835714	3854200	3841017	0.30	cps
Zinc	66-2	346016	343271	342731	344006	0.51	cps
Zirconium	90-1	230352	226931	222945	226743	1.63	cps
Zirconium	91-1	51394	50975	49199	50523	2.31	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:38:29	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6617586	6692757	6623387	6644576	0.63	cps
Antimony	121-1	3277	3257	3244	3259	0.52	cps
Arsenic	75-2	4704	4844	4534	4694	3.31	cps
Barium	135-1	616377	616251	615231	615953	0.10	cps
Barium	137-1	1059474	1065821	1057255	1060850	0.42	cps
Beryllium	9-1	1047	1037	970	1018	4.09	cps
Bismuth	209-1	9484465	9259841	9126312	9290206	1.95	cps
Bismuth	209-2	7353358	7232482	7324138	7303326	0.86	cps
Bromine	81-1	18091	18725	18608	18475	1.83	cps
Bromine	81-2	887	913	897	899	1.50	cps
Cadmium	108-1	150	180	190	173	12.01	cps
Cadmium	106-1	3404	3350	3277	3344	1.90	cps
Cadmium	111-1	3644	3597	3576	3606	0.97	cps
Calcium	43-1	457866	455056	452600	455174	0.58	cps
Calcium	44-1	7098170	7060253	7011273	7056565	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132180	132318	131877	132125	0.17	cps
Cobalt	59-2	240023	236840	237782	238215	0.69	cps
Copper	63-2	529932	533387	531924	531748	0.33	cps
Dysprosium	156-1	47002	47534	47513	47350	0.64	cps
Dysprosium	156-2	37196	37724	37283	37401	0.76	cps
Erbium	164-1	46226	46587	46056	46290	0.59	cps
Erbium	164-2	31592	30777	31332	31234	1.33	cps
Gadolinium	160-1	47363	46534	46246	46714	1.24	cps
Gadolinium	160-2	33861	33253	33126	33413	1.18	cps
Holmium	165-1	15179638	14943161	15178265	15100355	0.90	cps
Holmium	165-2	10324616	10315237	10260107	10299987	0.34	cps
Indium	115-1	11673917	11693951	11617287	11661718	0.34	cps
Indium	115-2	4194921	4127795	4133438	4152051	0.90	cps
Iron	56-2	212172904	213116070	213270577	212853183	0.28	cps
Iron	57-2	5293741	5303739	5281658	5293046	0.21	cps
Iron	54-2	11641109	11764912	11593112	11666378	0.76	cps
Krypton	83-1	257	180	237	224	17.72	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:38:29	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	376159	377278	379211	377550	0.41	cps
Lead	207-1	314739	315929	315476	315381	0.19	cps
Lead	208-1	1460278	1462602	1461869	1461583	0.08	cps
Lithium	6-1	1231186	1225426	1210656	1222423	0.87	cps
Magnesium	24-2	5657584	5780270	5715713	5717856	1.07	cps
Manganese	55-2	6124295	6170897	6155992	6150395	0.39	cps
Molybdenum	94-1	30732	31915	30605	31084	2.32	cps
Molybdenum	95-1	3434	3510	3187	3377	5.00	cps
Molybdenum	96-1	11084	11204	10968	11085	1.07	cps
Molybdenum	97-1	1990	2137	2050	2059	3.58	cps
Molybdenum	98-1	5381	5188	5161	5243	2.29	cps
Neodymium	150-1	74763	72000	73480	73414	1.88	cps
Neodymium	150-2	41638	41748	41912	41766	0.33	cps
Nickel	60-2	68338	66607	66584	67176	1.50	cps
Phosphorus	31-2	18054	17954	17894	17967	0.45	cps
Potassium	39-2	1058908	1062400	1057972	1059760	0.22	cps
Rhodium	103-1	10958116	10764945	10916113	10879725	0.93	cps
Rhodium	103-2	6682136	6600639	6588884	6623887	0.77	cps
Scandium	45-1	5919612	5931958	5808368	5886646	1.16	cps
Scandium	45-2	535765	536643	543544	538651	0.79	cps
Selenium	82-1	517	537	491	515	4.56	cps
Selenium	77-2	110	170	100	127	29.89	cps
Selenium	78-2	493	533	493	507	4.56	cps
Silicon	28-1	18359764	18092043	17985414	18145741	1.06	cps
Silver	107-1	2080	2194	2247	2174	3.92	cps
Silver	109-1	1773	1857	1883	1838	3.12	cps
Sodium	23-2	258920	260226	259020	259388	0.28	cps
Strontium	86-1	329493	328557	331633	329894	0.48	cps
Strontium	88-1	3044864	2991603	2975784	3004084	1.20	cps
Sulfur	34-1	150172	151179	150896	150749	0.34	cps
Terbium	159-1	15676898	15405664	15401158	15494574	1.02	cps
Terbium	159-2	10104185	10004066	9964728	10024327	0.72	cps
Thallium	203-1	2517	2524	2604	2548	1.89	cps
Thallium	205-1	6161	6111	6208	6160	0.79	cps
Tin	118-1	15255	15051	15131	15146	0.68	cps
Titanium	47-1	486686	488532	490849	488689	0.43	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-04	Instrumnet Name :	P7
Client Sample ID :	MJNBZ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:38:29	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37206	37309	36811	37109	0.71	cps
Vanadium	51-2	455236	455668	454168	455024	0.17	cps
Yttrium	89-1	14280584	14097562	14156641	14178262	0.66	cps
Yttrium	89-2	3809451	3745417	3782129	3778999	0.85	cps
Zinc	66-2	122004	118496	119671	120057	1.49	cps
Zirconium	90-1	80318	80007	80030	80118	0.22	cps
Zirconium	91-1	18128	17924	18061	18038	0.58	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:41:42	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4254481	4119118	4220041	4197880	1.68	cps
Antimony	121-1	2940	2957	2754	2884	3.92	cps
Arsenic	75-2	3590	3667	3704	3654	1.58	cps
Barium	135-1	676373	677948	673233	675851	0.36	cps
Barium	137-1	1167060	1169734	1168391	1168395	0.11	cps
Beryllium	9-1	780	830	870	827	5.45	cps
Bismuth	209-1	9409375	9229810	9225335	9288173	1.13	cps
Bismuth	209-2	7298394	7232919	7186446	7239253	0.78	cps
Bromine	81-1	16212	16506	15932	16217	1.77	cps
Bromine	81-2	567	560	620	582	5.65	cps
Cadmium	108-1	313	203	187	234	29.36	cps
Cadmium	106-1	3540	3380	3490	3470	2.36	cps
Cadmium	111-1	4658	4626	4709	4665	0.90	cps
Calcium	43-1	303212	299284	302942	301813	0.73	cps
Calcium	44-1	4750466	4718425	4659395	4709429	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99791	100207	99965	99987	0.21	cps
Cobalt	59-2	158976	159726	160423	159708	0.45	cps
Copper	63-2	252682	252613	253801	253032	0.26	cps
Dysprosium	156-1	72546	73062	72288	72632	0.54	cps
Dysprosium	156-2	56141	55914	57333	56463	1.35	cps
Erbium	164-1	69763	70490	70912	70388	0.83	cps
Erbium	164-2	47527	48554	48079	48053	1.07	cps
Gadolinium	160-1	72677	72074	73870	72874	1.25	cps
Gadolinium	160-2	52581	53063	52909	52851	0.47	cps
Holmium	165-1	15033939	15069702	14977818	15027153	0.31	cps
Holmium	165-2	10270077	10279132	10229034	10259414	0.26	cps
Indium	115-1	11991836	11702683	11701195	11798572	1.42	cps
Indium	115-2	4224466	4187643	4149821	4187310	0.89	cps
Iron	56-2	192977764	192756330	191251204	192328433	0.49	cps
Iron	57-2	4657457	4716723	4776510	4716897	1.26	cps
Iron	54-2	10499297	10331802	10372117	10401072	0.84	cps
Krypton	83-1	337	283	307	309	8.65	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:41:42	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	384016	383422	380585	382674	0.48	cps
Lead	207-1	324998	327540	327106	326548	0.42	cps
Lead	208-1	1499570	1498942	1499781	1499431	0.03	cps
Lithium	6-1	1190261	1151913	1163214	1168463	1.69	cps
Magnesium	24-2	4620903	4664185	4561382	4615490	1.12	cps
Manganese	55-2	2391645	2363957	2360227	2371943	0.72	cps
Molybdenum	94-1	34808	35209	35410	35142	0.87	cps
Molybdenum	95-1	3680	3624	3567	3624	1.56	cps
Molybdenum	96-1	11628	11378	11568	11525	1.13	cps
Molybdenum	97-1	2327	2297	2377	2334	1.73	cps
Molybdenum	98-1	5988	5961	5574	5841	3.96	cps
Neodymium	150-1	112497	111906	113002	112469	0.49	cps
Neodymium	150-2	66291	66064	65799	66051	0.37	cps
Nickel	60-2	62677	62325	62513	62505	0.28	cps
Phosphorus	31-2	21489	21011	21108	21203	1.19	cps
Potassium	39-2	755073	750199	751684	752319	0.33	cps
Rhodium	103-1	11011382	10722311	10858179	10863958	1.33	cps
Rhodium	103-2	6709752	6487369	6549689	6582270	1.74	cps
Scandium	45-1	6095109	5947584	5993662	6012118	1.26	cps
Scandium	45-2	549848	551064	542790	547901	0.82	cps
Selenium	82-1	393	443	424	420	5.97	cps
Selenium	77-2	220	223	173	206	13.60	cps
Selenium	78-2	613	543	587	581	6.08	cps
Silicon	28-1	11186254	11134127	11160924	11160435	0.23	cps
Silver	107-1	1080	1183	1063	1109	5.86	cps
Silver	109-1	1053	970	993	1006	4.28	cps
Sodium	23-2	325494	328531	327914	327313	0.49	cps
Strontium	86-1	312800	312924	311462	312395	0.26	cps
Strontium	88-1	2818921	2783828	2892413	2831721	1.96	cps
Sulfur	34-1	148759	150536	150411	149902	0.66	cps
Terbium	159-1	15396745	15143312	15326951	15289003	0.86	cps
Terbium	159-2	10187104	10109499	10060491	10119032	0.63	cps
Thallium	203-1	2044	2007	2134	2061	3.16	cps
Thallium	205-1	5304	5284	4948	5179	3.87	cps
Tin	118-1	12105	11988	12279	12124	1.20	cps
Titanium	47-1	2510428	2465331	2451149	2475636	1.25	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5250-05	Instrumnet Name :	P7
Client Sample ID :	MJNBZ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:41:42	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45769	46006	45271	45682	0.82	cps
Vanadium	51-2	399992	397843	400116	399317	0.32	cps
Yttrium	89-1	14477708	14240710	14345156	14354525	0.83	cps
Yttrium	89-2	3883495	3857673	3858129	3866432	0.38	cps
Zinc	66-2	227835	228447	227459	227914	0.22	cps
Zirconium	90-1	89923	89212	90356	89830	0.64	cps
Zirconium	91-1	19900	19663	19540	19701	0.93	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:44:52	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2839353	2799847	2809829	2816343	0.73	cps
Antimony	121-1	64701	64306	64186	64398	0.42	cps
Arsenic	75-2	25883	25736	25091	25570	1.65	cps
Barium	135-1	132425	129765	129209	130466	1.32	cps
Barium	137-1	225917	224051	225852	225274	0.47	cps
Beryllium	9-1	367	343	363	358	3.53	cps
Bismuth	209-1	9627943	9305711	9300029	9411228	1.99	cps
Bismuth	209-2	7379686	7465868	7485785	7443779	0.76	cps
Bromine	81-1	25482	27415	27780	26892	4.59	cps
Bromine	81-2	2707	2817	2897	2807	3.40	cps
Cadmium	108-1	340	383	333	352	7.71	cps
Cadmium	106-1	3630	3627	3414	3557	3.49	cps
Cadmium	111-1	6671	6372	6325	6456	2.90	cps
Calcium	43-1	114223	113329	113279	113610	0.47	cps
Calcium	44-1	1776636	1775167	1744842	1765549	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124246	123645	121776	123223	1.05	cps
Cobalt	59-2	61228	60535	60247	60670	0.83	cps
Copper	63-2	3886075	3847097	3884942	3872705	0.57	cps
Dysprosium	156-1	31238	30994	31358	31197	0.59	cps
Dysprosium	156-2	25279	24521	24224	24675	2.21	cps
Erbium	164-1	26819	26675	26926	26807	0.47	cps
Erbium	164-2	18209	18459	18142	18270	0.91	cps
Gadolinium	160-1	30911	30483	31265	30886	1.27	cps
Gadolinium	160-2	21937	22882	22481	22434	2.11	cps
Holmium	165-1	15316339	14742904	14810006	14956417	2.10	cps
Holmium	165-2	10202594	10220646	10205339	10209526	0.10	cps
Indium	115-1	11994452	11807535	11668565	11823517	1.38	cps
Indium	115-2	4180982	4183771	4091585	4152113	1.26	cps
Iron	56-2	70101866	69800539	70371409	70091271	0.41	cps
Iron	57-2	1774544	1757150	1800779	1777491	1.24	cps
Iron	54-2	3867677	3833615	3828914	3843402	0.55	cps
Krypton	83-1	243	253	257	251	2.76	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:44:52	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1275257	1275192	1274404	1274951	0.04	cps
Lead	207-1	1095964	1102479	1091832	1096758	0.49	cps
Lead	208-1	5271408	5290411	5329257	5297025	0.56	cps
Lithium	6-1	1216864	1170001	1185633	1190833	2.00	cps
Magnesium	24-2	1910816	1881979	1831502	1874766	2.14	cps
Manganese	55-2	630350	628645	621336	626777	0.76	cps
Molybdenum	94-1	41228	41087	40623	40979	0.77	cps
Molybdenum	95-1	9146	9056	9330	9177	1.52	cps
Molybdenum	96-1	17133	16503	16813	16816	1.88	cps
Molybdenum	97-1	5721	5648	5848	5739	1.76	cps
Molybdenum	98-1	14774	14998	14667	14813	1.14	cps
Neodymium	150-1	52122	51253	51484	51619	0.87	cps
Neodymium	150-2	30540	29588	29989	30039	1.59	cps
Nickel	60-2	52451	51187	52498	52045	1.43	cps
Phosphorus	31-2	11631	11334	11148	11371	2.15	cps
Potassium	39-2	736820	735463	729353	733878	0.54	cps
Rhodium	103-1	11079282	10819019	10634323	10844208	2.06	cps
Rhodium	103-2	6644151	6650379	6559058	6617863	0.77	cps
Scandium	45-1	6072518	5862294	5765472	5900095	2.66	cps
Scandium	45-2	531474	535544	527966	531661	0.71	cps
Selenium	82-1	510	511	483	501	3.17	cps
Selenium	77-2	83	83	113	93	18.56	cps
Selenium	78-2	660	537	537	578	12.32	cps
Silicon	28-1	8694424	8528547	8352924	8525298	2.00	cps
Silver	107-1	28415	29490	29093	28999	1.88	cps
Silver	109-1	27499	26905	27977	27461	1.96	cps
Sodium	23-2	3628104	3618495	3637835	3628144	0.27	cps
Strontium	86-1	124527	124434	123812	124258	0.31	cps
Strontium	88-1	1099819	1085433	1088270	1091174	0.70	cps
Sulfur	34-1	181042	180529	175730	179100	1.64	cps
Terbium	159-1	15556782	15495061	15236672	15429505	1.10	cps
Terbium	159-2	10119770	10260203	9940750	10106908	1.58	cps
Thallium	203-1	1417	1440	1520	1459	3.72	cps
Thallium	205-1	3324	3370	3250	3315	1.83	cps
Tin	118-1	33876	33706	34254	33946	0.83	cps
Titanium	47-1	942943	940537	933804	939095	0.50	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-01	Instrumnet Name :	P7
Client Sample ID :	MJNL27	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:44:52	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39185	39552	39335	39357	0.47	cps
Vanadium	51-2	242579	238128	237038	239248	1.23	cps
Yttrium	89-1	14117190	13651457	13629401	13799349	2.00	cps
Yttrium	89-2	3682866	3702266	3696576	3693903	0.27	cps
Zinc	66-2	109867	110417	109219	109834	0.55	cps
Zirconium	90-1	96992	96099	96454	96515	0.47	cps
Zirconium	91-1	21018	21896	21536	21484	2.05	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:48:01	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2348751	2356731	2325614	2343699	0.69	cps
Antimony	121-1	995826	997164	1001823	998271	0.32	cps
Arsenic	75-2	236223	235490	233739	235151	0.54	cps
Barium	135-1	413357	418526	415730	415871	0.62	cps
Barium	137-1	715369	720513	713125	716336	0.53	cps
Beryllium	9-1	310	267	340	306	12.07	cps
Bismuth	209-1	9578577	9472290	9496203	9515690	0.59	cps
Bismuth	209-2	7451341	7525349	7524495	7500395	0.57	cps
Bromine	81-1	62997	67085	68806	66296	4.50	cps
Bromine	81-2	10664	10987	10637	10763	1.81	cps
Cadmium	108-1	653	693	610	652	6.39	cps
Cadmium	106-1	3861	3767	3781	3803	1.33	cps
Cadmium	111-1	9806	10067	9906	9926	1.33	cps
Calcium	43-1	180621	180253	183009	181294	0.83	cps
Calcium	44-1	2803315	2797817	2777866	2793000	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148392	148950	148802	148715	0.19	cps
Cobalt	59-2	224197	224622	223405	224075	0.28	cps
Copper	63-2	28994196	29225517	29158925	29126213	0.41	cps
Dysprosium	156-1	21653	22011	21416	21693	1.38	cps
Dysprosium	156-2	17214	17344	17638	17399	1.25	cps
Erbium	164-1	20682	20752	20979	20804	0.75	cps
Erbium	164-2	14184	14344	14247	14258	0.57	cps
Gadolinium	160-1	21860	22264	22438	22188	1.34	cps
Gadolinium	160-2	16086	16136	16226	16149	0.44	cps
Holmium	165-1	15040135	14920915	14808501	14923183	0.78	cps
Holmium	165-2	10110348	10099768	10343526	10184547	1.35	cps
Indium	115-1	11870871	11643095	11668221	11727396	1.06	cps
Indium	115-2	4280220	4239486	4172493	4230733	1.29	cps
Iron	56-2	151156248	150949204	148294261	150133238	1.06	cps
Iron	57-2	3713189	3764972	3745667	3741276	0.70	cps
Iron	54-2	8341683	8261891	8129477	8244351	1.30	cps
Krypton	83-1	213	203	197	204	4.10	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:48:01	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5553737	5614483	5580266	5582829	0.55	cps
Lead	207-1	4807406	4863633	4810240	4827093	0.66	cps
Lead	208-1	21970497	22184018	22189908	22114808	0.57	cps
Lithium	6-1	1200107	1207649	1196336	1201364	0.48	cps
Magnesium	24-2	2489933	2515179	2476543	2493885	0.79	cps
Manganese	55-2	810444	822731	804042	812405	1.17	cps
Molybdenum	94-1	62208	62459	61679	62115	0.64	cps
Molybdenum	95-1	57251	57111	58533	57632	1.36	cps
Molybdenum	96-1	68024	69119	68841	68661	0.83	cps
Molybdenum	97-1	36776	36529	37328	36878	1.11	cps
Molybdenum	98-1	94869	93701	95178	94583	0.82	cps
Neodymium	150-1	32467	33844	33797	33369	2.34	cps
Neodymium	150-2	19938	19801	19457	19732	1.26	cps
Nickel	60-2	54760	53729	55097	54529	1.31	cps
Phosphorus	31-2	9850	9736	9493	9693	1.88	cps
Potassium	39-2	1274003	1264516	1269513	1269344	0.37	cps
Rhodium	103-1	10754541	10604496	10728995	10696011	0.75	cps
Rhodium	103-2	6536881	6580779	6585849	6567836	0.41	cps
Scandium	45-1	5802357	5788202	5730619	5773726	0.66	cps
Scandium	45-2	532359	528091	528281	529577	0.46	cps
Selenium	82-1	878	797	865	847	5.16	cps
Selenium	77-2	117	93	97	102	12.35	cps
Selenium	78-2	597	657	650	634	5.18	cps
Silicon	28-1	17353224	16550051	16376549	16759941	3.11	cps
Silver	107-1	140126	139580	141182	140296	0.58	cps
Silver	109-1	134224	133296	136062	134527	1.05	cps
Sodium	23-2	11309488	11276582	11115703	11233924	0.92	cps
Strontium	86-1	239604	242160	240141	240635	0.56	cps
Strontium	88-1	2165523	2197589	2182511	2181874	0.74	cps
Sulfur	34-1	739539	748336	747350	745075	0.65	cps
Terbium	159-1	15156831	15236221	15234663	15209238	0.30	cps
Terbium	159-2	10053694	9857888	10091999	10001193	1.26	cps
Thallium	203-1	8656	8706	8776	8713	0.69	cps
Thallium	205-1	20419	20662	21036	20706	1.50	cps
Tin	118-1	413863	413218	416701	414594	0.45	cps
Titanium	47-1	598476	605107	598278	600620	0.65	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-05	Instrumnet Name :	P7
Client Sample ID :	MJNL93	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:48:01	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49917	50838	51808	50854	1.86	cps
Vanadium	51-2	158267	160271	158293	158944	0.72	cps
Yttrium	89-1	13516477	13591173	13586086	13564579	0.31	cps
Yttrium	89-2	3685507	3685654	3647768	3672976	0.59	cps
Zinc	66-2	1289035	1292242	1284749	1288676	0.29	cps
Zirconium	90-1	77051	76679	77027	76919	0.27	cps
Zirconium	91-1	17290	17280	17674	17415	1.29	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:51:05	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517532	2559925	2537197	2538218	0.84	cps
Antimony	121-1	1178495	1176719	1168365	1174526	0.46	cps
Arsenic	75-2	202255	199654	200282	200730	0.68	cps
Barium	135-1	883039	891952	883975	886322	0.55	cps
Barium	137-1	1600093	1502800	1604330	1569074	3.66	cps
Beryllium	9-1	300	290	273	288	4.68	cps
Bismuth	209-1	9460469	9443257	9398095	9433941	0.34	cps
Bismuth	209-2	7394295	7372463	7336334	7367698	0.40	cps
Bromine	81-1	39947	42661	43544	42051	4.46	cps
Bromine	81-2	5811	5781	5751	5781	0.52	cps
Cadmium	108-1	973	817	957	916	9.40	cps
Cadmium	106-1	4377	4327	4337	4347	0.61	cps
Cadmium	111-1	12678	12648	12617	12648	0.24	cps
Calcium	43-1	274455	277567	275618	275880	0.57	cps
Calcium	44-1	4292410	4283995	4322857	4299754	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134217	134452	133060	133910	0.56	cps
Cobalt	59-2	421336	421555	420504	421132	0.13	cps
Copper	63-2	18993205	18706789	18615941	18771978	1.05	cps
Dysprosium	156-1	26642	26041	26031	26238	1.33	cps
Dysprosium	156-2	20839	20802	20805	20815	0.10	cps
Erbium	164-1	24428	24545	23864	24279	1.50	cps
Erbium	164-2	16517	16647	16607	16590	0.40	cps
Gadolinium	160-1	25911	25747	25583	25747	0.64	cps
Gadolinium	160-2	18950	19010	18843	18934	0.45	cps
Holmium	165-1	15175025	14971222	14798893	14981713	1.26	cps
Holmium	165-2	10411429	10220551	10283020	10305000	0.94	cps
Indium	115-1	11871154	12010491	11744237	11875294	1.12	cps
Indium	115-2	4219430	4154697	4147342	4173823	0.95	cps
Iron	56-2	187252671	187041971	187957231	187417291	0.26	cps
Iron	57-2	4763492	4657610	4731382	4717495	1.15	cps
Iron	54-2	10274434	10346711	10270448	10297198	0.42	cps
Krypton	83-1	240	200	233	224	9.55	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:51:05	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4957127	4916999	4950756	4941627	0.44	cps
Lead	207-1	4295593	4300000	4282454	4292683	0.21	cps
Lead	208-1	19415886	19571467	19556595	19514650	0.44	cps
Lithium	6-1	1194126	1169455	1178264	1180615	1.06	cps
Magnesium	24-2	2421954	2428538	2432585	2427692	0.22	cps
Manganese	55-2	1200313	1203306	1200214	1201277	0.15	cps
Molybdenum	94-1	95633	95143	94368	95048	0.67	cps
Molybdenum	95-1	66641	66390	66296	66442	0.27	cps
Molybdenum	96-1	84331	83379	84465	84058	0.70	cps
Molybdenum	97-1	42054	43103	42582	42580	1.23	cps
Molybdenum	98-1	109540	108543	109486	109189	0.51	cps
Neodymium	150-1	41758	41381	41290	41476	0.60	cps
Neodymium	150-2	24632	24174	23643	24150	2.05	cps
Nickel	60-2	47609	47696	47746	47683	0.15	cps
Phosphorus	31-2	11054	10927	10924	10968	0.68	cps
Potassium	39-2	1230252	1232953	1266993	1243399	1.65	cps
Rhodium	103-1	10795596	10582968	10578459	10652341	1.16	cps
Rhodium	103-2	6587446	6454560	6504423	6515476	1.03	cps
Scandium	45-1	5932869	5721776	5785386	5813343	1.86	cps
Scandium	45-2	526461	526035	520985	524494	0.58	cps
Selenium	82-1	685	659	633	659	3.90	cps
Selenium	77-2	100	90	100	97	5.97	cps
Selenium	78-2	633	590	567	597	5.67	cps
Silicon	28-1	28046834	28375281	27943125	28121747	0.80	cps
Silver	107-1	72557	71763	71602	71974	0.71	cps
Silver	109-1	69542	68946	68156	68881	1.01	cps
Sodium	23-2	5972863	5926209	5927405	5942159	0.45	cps
Strontium	86-1	314136	308439	311225	311267	0.92	cps
Strontium	88-1	2826487	2766114	2799932	2797511	1.08	cps
Sulfur	34-1	563605	562124	551713	559147	1.16	cps
Terbium	159-1	15458259	15132384	15063397	15218013	1.39	cps
Terbium	159-2	9947435	10094553	9959415	10000467	0.82	cps
Thallium	203-1	5248	5631	5595	5491	3.85	cps
Thallium	205-1	13363	13133	12940	13145	1.61	cps
Tin	118-1	285352	285836	288702	286630	0.63	cps
Titanium	47-1	821549	818845	825711	822035	0.42	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	P5255-06	Instrumnet Name :	P7
Client Sample ID :	MJNL94	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:51:05	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66038	65920	66727	66228	0.66	cps
Vanadium	51-2	141069	141042	141836	141315	0.32	cps
Yttrium	89-1	13838050	13287091	13653349	13592830	2.06	cps
Yttrium	89-2	3708297	3579365	3644768	3644144	1.77	cps
Zinc	66-2	2566217	2502029	2563362	2543869	1.43	cps
Zirconium	90-1	154169	154540	153284	153998	0.42	cps
Zirconium	91-1	34658	34644	34661	34654	0.03	cps

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On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P7
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:54:10	DataFile Name :	091CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12531856	12708276	12683791	12641308	0.76	cps
Antimony	121-1	5969911	5930273	5891892	5930692	0.66	cps
Arsenic	75-2	279811	280288	280701	280267	0.16	cps
Barium	135-1	7726819	7697725	7669406	7697983	0.37	cps
Barium	137-1	13209140	13188596	13189960	13195899	0.09	cps
Beryllium	9-1	536245	551123	550980	546116	1.57	cps
Bismuth	209-1	8419931	8348921	8325695	8364849	0.59	cps
Bismuth	209-2	6589808	6493198	6426142	6503049	1.27	cps
Bromine	81-1	14324	14507	13606	14146	3.37	cps
Bromine	81-2	233	223	210	222	5.27	cps
Cadmium	108-1	104976	103315	102965	103752	1.04	cps
Cadmium	106-1	151288	151177	149749	150738	0.57	cps
Cadmium	111-1	1628109	1615725	1626339	1623391	0.41	cps
Calcium	43-1	7096077	7095239	7043112	7078142	0.43	cps
Calcium	44-1	114463815	114696928	114854475	114671739	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2188575	2214245	2225794	2209538	0.86	cps
Cobalt	59-2	3358538	3432787	3382876	3391401	1.12	cps
Copper	63-2	24381925	24234553	24510079	24375519	0.57	cps
Dysprosium	156-1	283	293	307	294	3.98	cps
Dysprosium	156-2	413	457	497	456	9.15	cps
Erbium	164-1	363	293	277	311	14.78	cps
Erbium	164-2	233	207	230	223	6.51	cps
Gadolinium	160-1	260	340	290	297	13.62	cps
Gadolinium	160-2	543	543	617	568	7.46	cps
Holmium	165-1	14318524	13971825	14299042	14196464	1.37	cps
Holmium	165-2	9868991	9687225	9777355	9777857	0.93	cps
Indium	115-1	10473412	10369706	10323680	10388933	0.74	cps
Indium	115-2	3724535	3698883	3678756	3700725	0.62	cps
Iron	56-2	510820232	511800166	513727579	512115992	0.29	cps
Iron	57-2	12875346	12983098	12941942	12933462	0.42	cps
Iron	54-2	28018026	28063437	28132595	28071353	0.21	cps
Krypton	83-1	213	163	233	203	17.73	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P7
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:54:10	DataFile Name :	091CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24591157	24413413	24593121	24532564	0.42	cps
Lead	207-1	21292913	21397581	21513771	21401422	0.52	cps
Lead	208-1	97437221	97696096	98262294	97798537	0.43	cps
Lithium	6-1	1152587	1164915	1175356	1164286	0.98	cps
Magnesium	24-2	96640475	96871055	97448032	96986521	0.43	cps
Manganese	55-2	17475699	17433633	17312649	17407327	0.49	cps
Molybdenum	94-1	20547247	20372841	20185148	20368412	0.89	cps
Molybdenum	95-1	28872017	28787870	28995760	28885216	0.36	cps
Molybdenum	96-1	32273949	32030517	32002742	32102403	0.46	cps
Molybdenum	97-1	18425063	18354048	18504234	18427782	0.41	cps
Molybdenum	98-1	47427469	47011309	47635693	47358157	0.67	cps
Neodymium	150-1	447	507	460	471	6.69	cps
Neodymium	150-2	183	120	173	159	21.43	cps
Nickel	60-2	805533	809063	816815	810470	0.71	cps
Phosphorus	31-2	113336	113167	114192	113565	0.48	cps
Potassium	39-2	61467402	62485942	62304816	62086054	0.88	cps
Rhodium	103-1	9558358	9158262	9271813	9329478	2.21	cps
Rhodium	103-2	5706985	5598504	5505165	5603551	1.80	cps
Scandium	45-1	5464255	5261879	5339110	5355081	1.91	cps
Scandium	45-2	478229	479871	475844	477981	0.42	cps
Selenium	82-1	83727	83102	82775	83201	0.58	cps
Selenium	77-2	8806	8729	8629	8722	1.02	cps
Selenium	78-2	28798	29666	29269	29244	1.49	cps
Silicon	28-1	3064254	3048655	3063440	3058783	0.29	cps
Silver	107-1	7314541	7229602	7103187	7215777	1.47	cps
Silver	109-1	6939462	6842460	6876999	6886307	0.71	cps
Sodium	23-2	159768278	160572404	159233288	159857990	0.42	cps
Strontium	86-1	1830625	1802616	1835905	1823049	0.98	cps
Strontium	88-1	15898305	15654363	15938229	15830299	0.97	cps
Sulfur	34-1	540290	536230	532200	536240	0.75	cps
Terbium	159-1	14811654	14434124	14397208	14547662	1.58	cps
Terbium	159-2	9546602	9370305	9528727	9481878	1.02	cps
Thallium	203-1	6166835	6169563	6158465	6164954	0.09	cps
Thallium	205-1	14693646	14556977	14828554	14693059	0.92	cps
Tin	118-1	4927461	4910132	4953244	4930279	0.44	cps
Titanium	47-1	6590769	6572889	6643219	6602293	0.55	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P7
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:54:10	DataFile Name :	091CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18356000	18749047	18814281	18639776	1.33	cps
Vanadium	51-2	1947803	1947221	1987412	1960812	1.17	cps
Yttrium	89-1	12370055	12228456	12239705	12279406	0.64	cps
Yttrium	89-2	3246217	3252102	3240283	3246201	0.18	cps
Zinc	66-2	4024859	3993427	4052265	4023517	0.73	cps
Zirconium	90-1	9819702	9834247	9747865	9800605	0.47	cps
Zirconium	91-1	2184334	2168251	2162755	2171780	0.52	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P7
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:56:52	DataFile Name :	092CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2300	2180	1940	2140	8.57	cps
Antimony	121-1	3407	3354	3277	3346	1.95	cps
Arsenic	75-2	33	97	47	59	56.70	cps
Barium	135-1	1980	1887	1593	1820	11.09	cps
Barium	137-1	3384	3057	2844	3095	8.79	cps
Beryllium	9-1	243	197	213	218	10.86	cps
Bismuth	209-1	9217073	8910346	8955279	9027566	1.83	cps
Bismuth	209-2	7251608	7200182	7260870	7237553	0.45	cps
Bromine	81-1	12939	13116	13166	13074	0.91	cps
Bromine	81-2	160	183	227	190	17.81	cps
Cadmium	108-1	33	43	23	33	30.00	cps
Cadmium	106-1	3027	2880	2787	2898	4.18	cps
Cadmium	111-1	2580	2341	2317	2413	6.03	cps
Calcium	43-1	2167	1880	1493	1847	18.30	cps
Calcium	44-1	38359	35585	31800	35248	9.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1683	1417	1437	1512	9.82	cps
Cobalt	59-2	687	590	650	642	7.60	cps
Copper	63-2	5918	5651	5088	5552	7.63	cps
Dysprosium	156-1	20	7	13	13	49.99	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	53	53	43	50	11.55	cps
Erbium	164-2	37	63	57	52	26.57	cps
Gadolinium	160-1	17	53	43	38	50.16	cps
Gadolinium	160-2	367	480	427	424	13.36	cps
Holmium	165-1	14099547	14010390	14368354	14159430	1.32	cps
Holmium	165-2	9963792	9841293	9905592	9903559	0.62	cps
Indium	115-1	11119238	10934196	11070839	11041424	0.87	cps
Indium	115-2	4026353	3951333	3999997	3992561	0.95	cps
Iron	56-2	107226	100121	93495	100280	6.85	cps
Iron	57-2	2910	2947	2794	2884	2.78	cps
Iron	54-2	7125	6795	6315	6745	6.04	cps
Krypton	83-1	197	203	190	197	3.39	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P7
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:56:52	DataFile Name :	092CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7799	6812	6305	6972	10.90	cps
Lead	207-1	6928	6322	5308	6186	13.24	cps
Lead	208-1	30373	28359	24405	27712	10.96	cps
Lithium	6-1	1287257	1230657	1247959	1255291	2.31	cps
Magnesium	24-2	16833	15945	14884	15887	6.14	cps
Manganese	55-2	3380	3310	2934	3208	7.49	cps
Molybdenum	94-1	6101	5618	4768	5496	12.29	cps
Molybdenum	95-1	8169	7635	6602	7469	10.67	cps
Molybdenum	96-1	9009	8556	7102	8222	12.12	cps
Molybdenum	97-1	5134	4767	4091	4664	11.35	cps
Molybdenum	98-1	13363	12422	10537	12107	11.88	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	533	433	450	472	11.35	cps
Phosphorus	31-2	127	173	160	153	15.68	cps
Potassium	39-2	63150	61416	60453	61673	2.22	cps
Rhodium	103-1	10171047	10019335	10137869	10109417	0.79	cps
Rhodium	103-2	6329464	6201859	6206614	6245979	1.16	cps
Scandium	45-1	5538305	5413020	5431840	5461055	1.24	cps
Scandium	45-2	491869	489647	488180	489899	0.38	cps
Selenium	82-1	389	368	310	356	11.46	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	400	390	437	409	6.01	cps
Silicon	28-1	535609	532988	528623	532407	0.66	cps
Silver	107-1	2694	2700	2137	2510	12.88	cps
Silver	109-1	2510	2430	1953	2298	13.10	cps
Sodium	23-2	71230	67105	64116	67484	5.29	cps
Strontium	86-1	827	680	650	719	13.15	cps
Strontium	88-1	4341	3911	3397	3883	12.17	cps
Sulfur	34-1	159944	160560	160960	160488	0.32	cps
Terbium	159-1	14829061	14550072	14542336	14640489	1.12	cps
Terbium	159-2	9739912	9513968	9722993	9658958	1.30	cps
Thallium	203-1	2567	2224	1977	2256	13.14	cps
Thallium	205-1	5848	5468	4814	5377	9.72	cps
Tin	118-1	2517	2480	2230	2409	6.48	cps
Titanium	47-1	2063	1870	1470	1801	16.80	cps

Reviewed By:Jaswal
On:12/24/2024 3:55:48 AM
Inst Id :P7

LB Number :	LB134060	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P7
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired :	2024-12-21 20:56:52	DataFile Name :	092CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4568	4067	3544	4060	12.61	cps
Vanadium	51-2	290	260	253	268	7.29	cps
Yttrium	89-1	12452234	12299842	12228358	12326811	0.93	cps
Yttrium	89-2	3449275	3353533	3364896	3389235	1.54	cps
Zinc	66-2	987	1010	980	992	1.59	cps
Zirconium	90-1	3260	3370	2747	3126	10.65	cps
Zirconium	91-1	693	710	543	649	14.15	cps

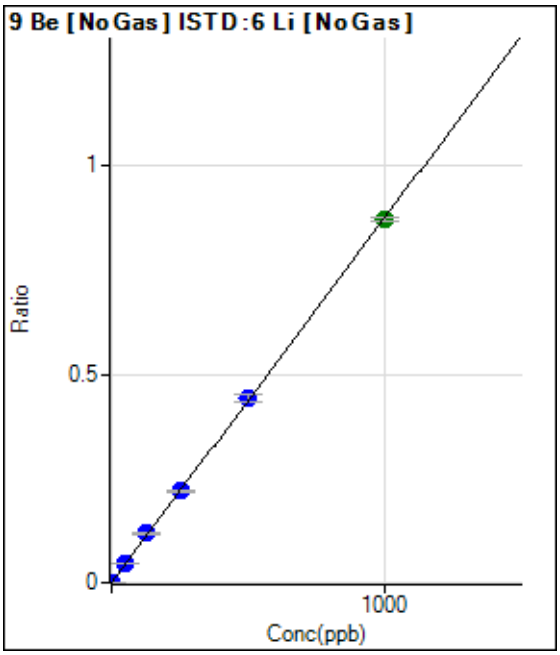
Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122324MS.b\
Analysis File: P7122324MS.batch.bin
DA Date-Time: 2024-12-23 17:01:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-23 10:59:16
2	006CALS.d	S02	2024-12-23 11:05:51
3	007CALS.d	S03	2024-12-23 11:09:06
4	008CALS.d	S04	2024-12-23 11:12:08
5	009CALS.d	S05	2024-12-23 11:14:58
6	010CALS.d	S06	2024-12-23 11:17:46
7	011CALS.d	S07	2024-12-23 11:20:30
8	012CALS.d	S08	2024-12-23 11:23:17

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	11.8
2	☐	1.000	1.175	1823.46	0.0011	P	6.6
3	☐	50.000	54.527	83405.72	0.0477	P	1.3
4	☐	125.000	135.026	209945.46	0.1182	P	2.2
5	☐	250.000	251.410	399224.25	0.2200	P	1.6
6	☐	500.000	506.043	759413.90	0.4428	P	3.3
7	☐	1000.000	995.146	1486101.64	0.8707	A	0.9
8	☐			530.01	0.0003	P	7.2

y = 8.7489E-004 * x + 3.3492E-005

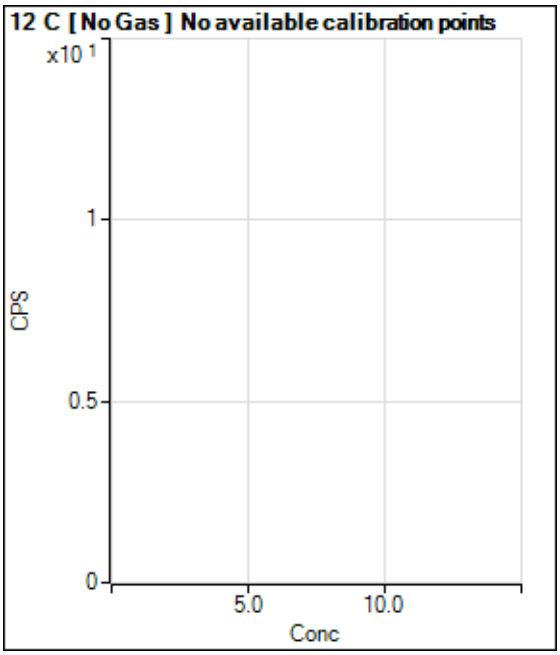
R = 0.9999

DL = 0.01351

BEC = 0.03828

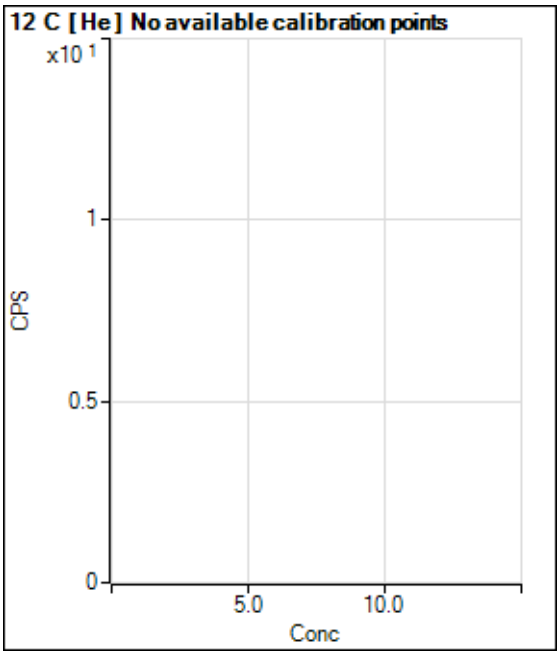
Weight: <None>

Min Conc: 0

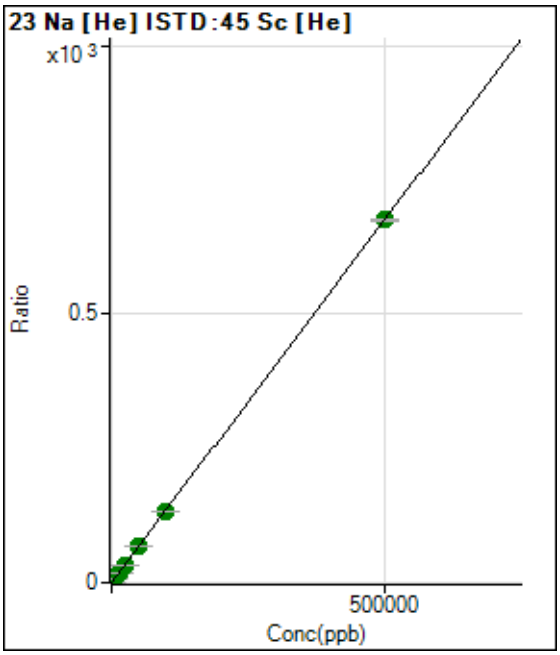


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

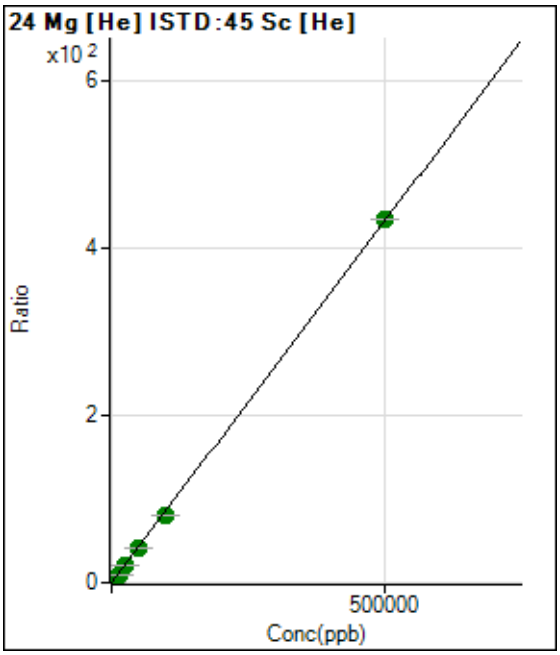


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22209.44	0.0375	P	1.7
2	☐	500.000	509.986	434280.33	0.7258	P	0.3
3	☐	5000.000	4936.720	3985543.38	6.7000	A	1.2
4	☐	12500.000	12559.490	9771609.85	16.9876	A	0.4
5	☐	25000.000	24690.286	16732555.31	33.3592	A	1.0
6	☐	50000.000	49576.905	32400303.68	66.9458	A	0.5
7	☐	100000.00	98623.807	64898651.81	133.1388	A	0.2
8	☐	500000.00	500332.16	350546243.67	675.2788	A	0.8

y = 0.0013 * x + 0.0375
R = 1.0000
DL = 1.398
BEC = 27.78

Weight: <None>
Min Conc: 0

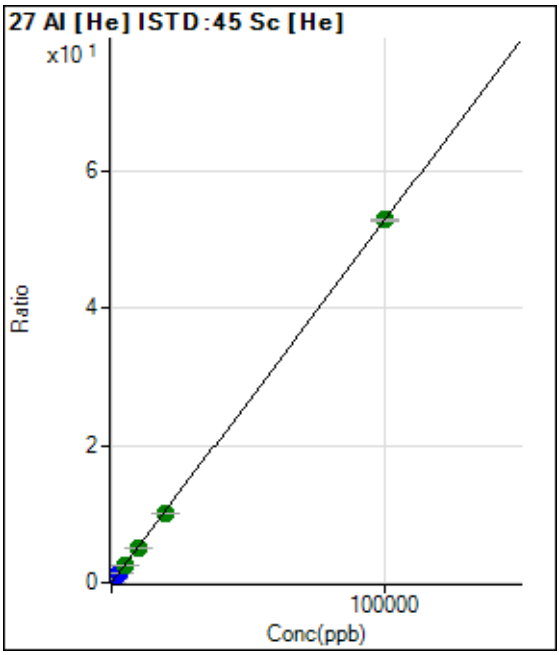
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	582.24	0.0010	P	5.9
2	☐	500.000	522.237	271108.56	0.4531	P	0.1
3	☐	5000.000	4700.869	2421363.60	4.0704	A	0.4
4	☐	12500.000	11775.989	5864395.05	10.1952	A	0.6
5	☐	25000.000	23316.065	10125072.49	20.1852	A	0.4
6	☐	50000.000	46762.604	19592580.82	40.4823	A	0.4
7	☐	100000.00	92700.541	39117677.47	80.2498	A	0.4
8	☐	500000.00	501888.89	225542414.42	434.4750	A	0.1

y = 8.6568E-004 * x + 9.8288E-004
R = 0.9999
DL = 0.2012
BEC = 1.135

Weight: <None>
Min Conc: 0

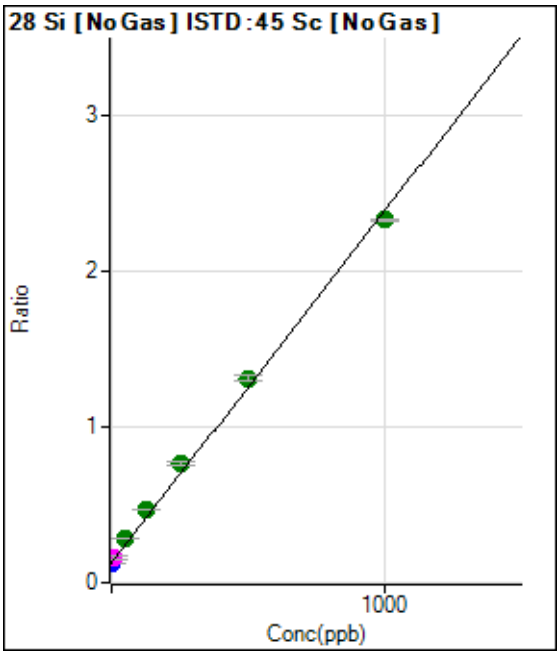


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.12	0.0003	P	13.4
2	☐	20.000	19.892	6434.73	0.0108	P	2.6
3	☐	1000.000	971.777	305255.07	0.5132	P	0.8
4	☐	2500.000	2457.738	746262.79	1.2974	P	1.2
5	☐	5000.000	4804.346	1272026.55	2.5360	A	0.9
6	☐	10000.000	9691.032	2475598.02	5.1152	A	0.7
7	☐	20000.000	19212.774	4943020.69	10.1407	A	1.0
8	☐	100000.00	100199.46	27453679.31	52.8853	A	0.6

y = 5.2780E-004 * x + 2.5514E-004
R = 1.0000
DL = 0.1943
BEC = 0.4834

Weight: <None>
Min Conc: 0

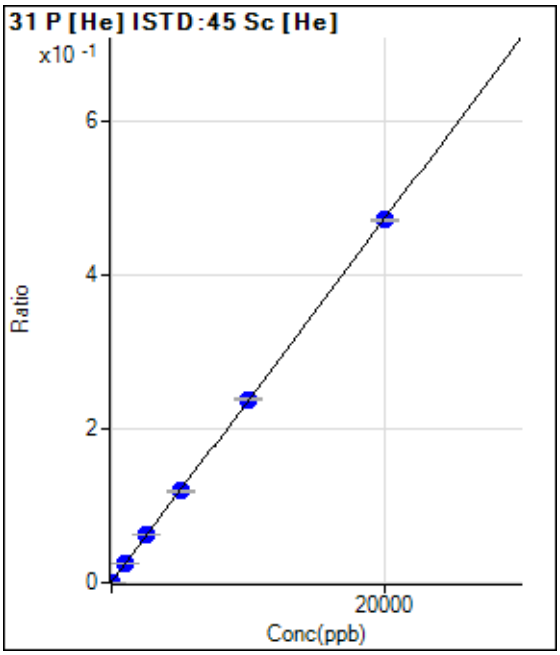
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	850085.00	0.1280	P	0.8
2	☐	10.000	14.916	1063374.44	0.1616	M	15.2
3	☐	50.000	71.146	1922438.81	0.2882	A	0.9
4	☐	125.000	151.579	3097499.08	0.4694	A	0.4
5	☐	250.000	280.694	4760621.56	0.7602	A	3.3
6	☐	500.000	525.120	7304793.78	1.3108	A	2.7
7	☐	1000.000	975.338	13142040.91	2.3249	A	0.5
8	☐			754768.23	0.1293	P	4.4

y = 0.0023 * x + 0.1280
R = 0.9989
DL = 1.316
BEC = 56.82

Weight: <None>
Min Conc: 0

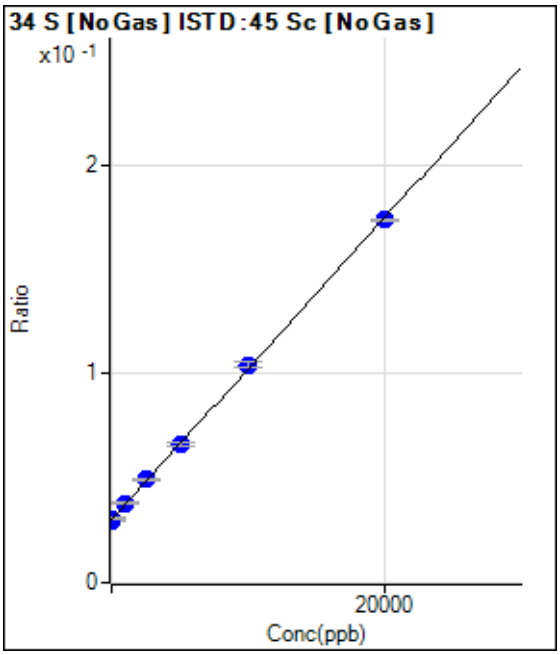


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.688	177.78	0.0003	P	9.1
2	☐	0.000	15.688	623.35	0.0010	P	11.3
3	☐	1000.000	1031.310	14901.80	0.0251	P	1.2
4	☐	2500.000	2622.293	36043.40	0.0627	P	0.4
5	☐	5000.000	5009.190	59732.46	0.1191	P	0.9
6	☐	10000.000	10056.228	115377.06	0.2384	P	0.7
7	☐	20000.000	19952.736	230239.19	0.4723	P	0.7
8	☐			252.22	0.0005	P	15.7

y = 2.3639E-005 * x + 6.7098E-004
R = 1.0000
DL = 9.185
BEC = 28.38

Weight: <None>
Min Conc: 0

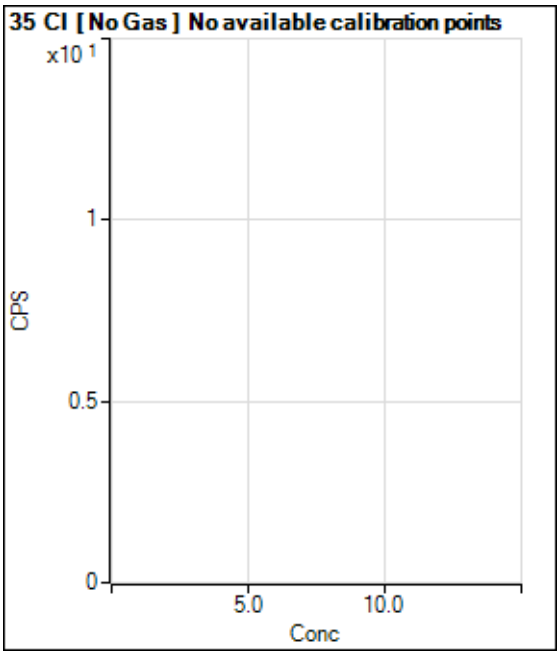
Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-77.910	196606.49	0.0296	P	0.6
2	☐	0.000	77.910	202372.66	0.0307	P	2.5
3	☐	1000.000	1090.931	253700.38	0.0380	P	0.9
4	☐	2500.000	2643.072	324925.97	0.0492	P	0.4
5	☐	5000.000	4971.865	413639.16	0.0661	P	2.9
6	☐	10000.000	10257.775	580680.73	0.1042	P	3.2
7	☐	20000.000	19855.716	980722.64	0.1735	P	0.2
8	☐			157410.28	0.0270	P	5.2

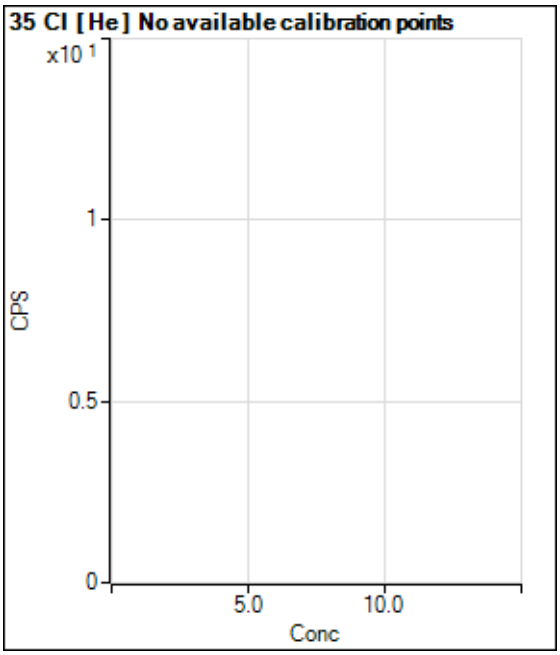
y = 7.2186E-006 * x + 0.0302
R = 0.9998
DL = 196.2
BEC = 4178

Weight: <None>
Min Conc: 0

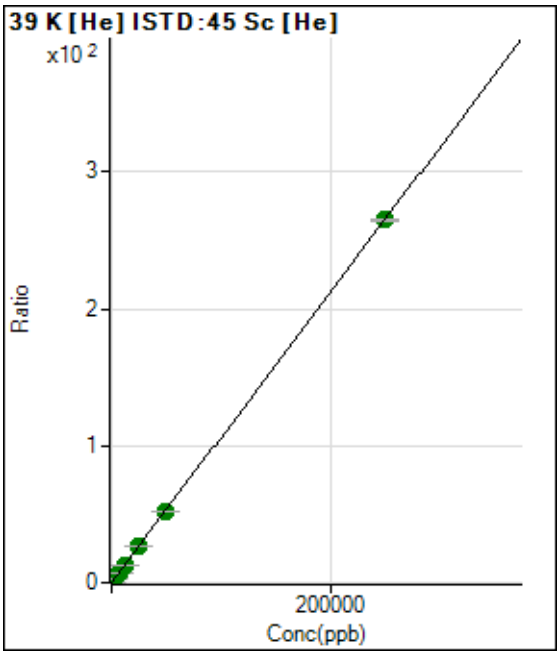


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7



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

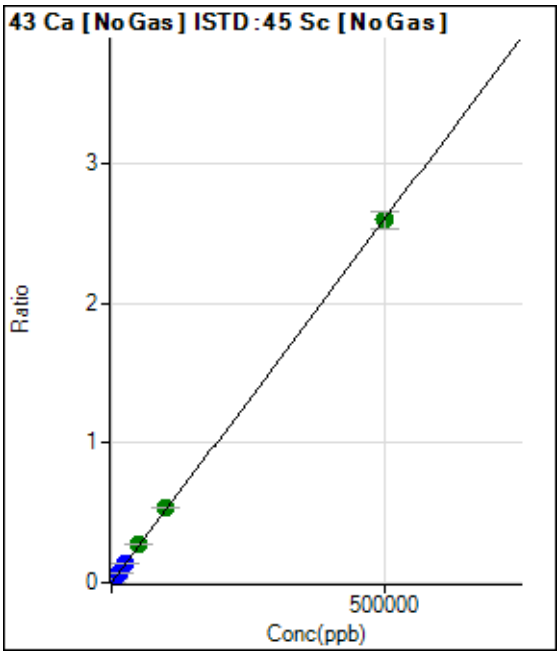


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51499.00	0.0870	P	0.7
2	☐	500.000	550.087	400419.98	0.6692	P	0.1
3	☐	2500.000	2518.457	1637320.50	2.7525	A	2.0
4	☐	6250.000	6304.056	3887990.74	6.7593	A	0.7
5	☐	12500.000	12150.258	6494166.85	12.9470	A	0.8
6	☐	25000.000	24577.965	12632125.64	26.1007	A	0.4
7	☐	50000.000	48986.099	25315818.79	51.9346	A	0.6
8	☐	250000.00	250260.83	137548343.51	264.9669	A	0.3

y = 0.0011 * x + 0.0870
R = 1.0000
DL = 1.604
BEC = 82.15

Weight: <None>
Min Conc: 0

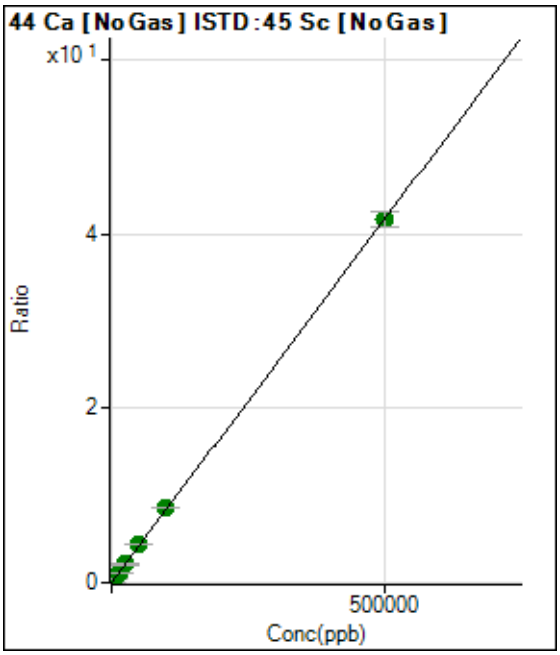
Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.45	0.0000	P	13.1
2	☐	500.000	587.545	20450.52	0.0031	P	2.1
3	☐	5000.000	5443.947	189259.65	0.0284	P	0.2
4	☐	12500.000	13678.357	469954.87	0.0712	P	1.3
5	☐	25000.000	26526.710	864768.21	0.1381	P	2.4
6	☐	50000.000	52825.661	1532080.20	0.2749	A	2.8
7	☐	100000.00	102459.83	3014058.12	0.5332	A	0.6
8	☐	500000.00	499115.14	15152756.58	2.5972	A	5.0

y = 5.2034E-006 * x + 4.7351E-005
R = 1.0000
DL = 3.58
BEC = 9.1

Weight: <None>
Min Conc: 0

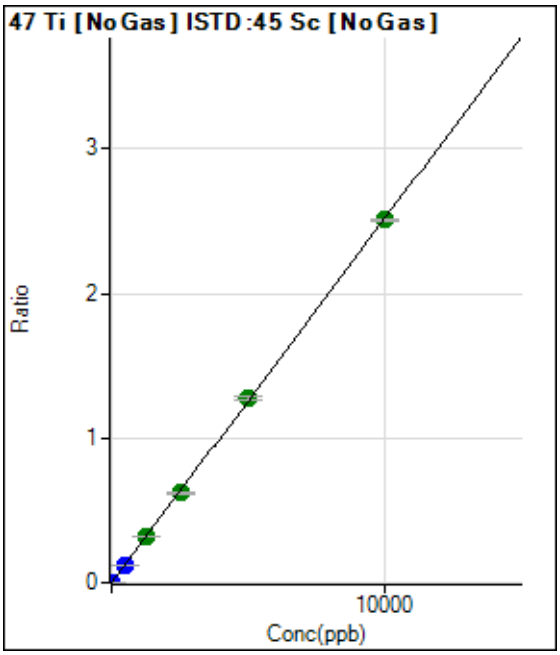


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11684.60	0.0018	P	0.7
2	☐	500.000	586.291	333470.32	0.0506	P	1.2
3	☐	5000.000	5125.377	2860913.29	0.4289	A	0.8
4	☐	12500.000	12950.889	7134322.25	1.0811	A	0.1
5	☐	25000.000	25223.599	13178846.05	2.1040	A	1.9
6	☐	50000.000	52529.936	24407824.36	4.3798	A	2.7
7	☐	100000.00	102348.60	48229505.39	8.5319	A	0.5
8	☐	500000.00	499253.49	242823911.94	41.6114	A	4.4

y = 8.3344E-005 * x + 0.0018
R = 1.0000
DL = 0.4546
BEC = 21.11

Weight: <None>
Min Conc: 0

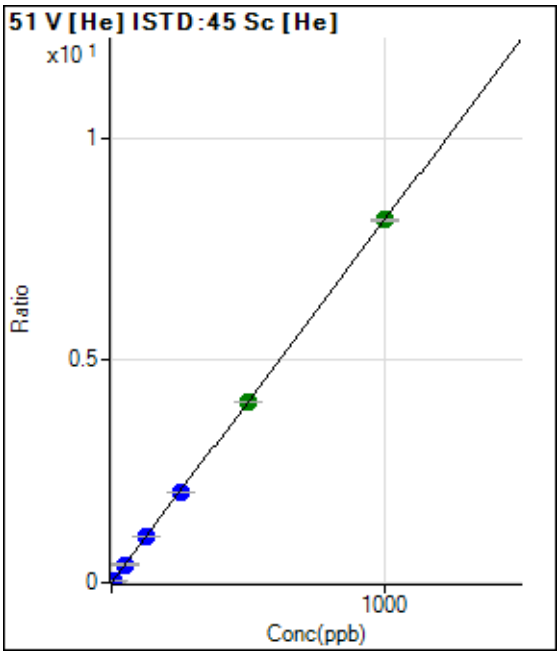
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	11.6
2	☐	5.000	5.388	9024.99	0.0014	P	2.4
3	☐	500.000	501.054	840285.09	0.1260	P	0.3
4	☐	1250.000	1262.737	2094847.38	0.3175	A	0.9
5	☐	2500.000	2470.623	3889649.60	0.6211	A	2.8
6	☐	5000.000	5063.171	7094422.74	1.2729	A	2.2
7	☐	10000.000	9974.114	14174578.54	2.5075	A	0.4
8	☐			4023.92	0.0007	P	17.4

y = 2.5140E-004 * x + 1.5055E-005
R = 1.0000
DL = 0.02078
BEC = 0.05989

Weight: <None>
Min Conc: 0

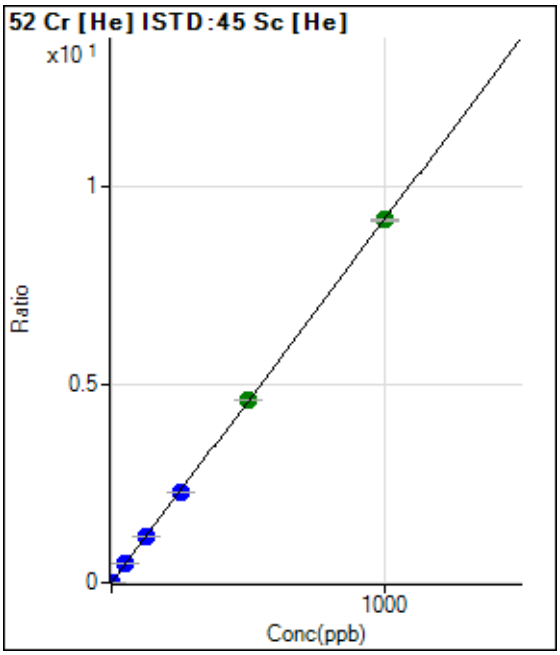


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	45.5
2	☐	5.000	5.431	26491.02	0.0443	P	0.3
3	☐	50.000	50.298	243796.96	0.4098	P	0.7
4	☐	125.000	127.486	597494.36	1.0388	P	1.0
5	☐	250.000	248.044	1013816.15	2.0211	P	0.2
6	☐	500.000	498.830	1967070.04	4.0644	A	0.6
7	☐	1000.000	1000.746	3974628.41	8.1540	A	0.7
8	☐			904.48	0.0017	P	4.9

y = 0.0081 * x + 1.8744E-005
R = 1.0000
DL = 0.003143
BEC = 0.0023

Weight: <None>
Min Conc: 0

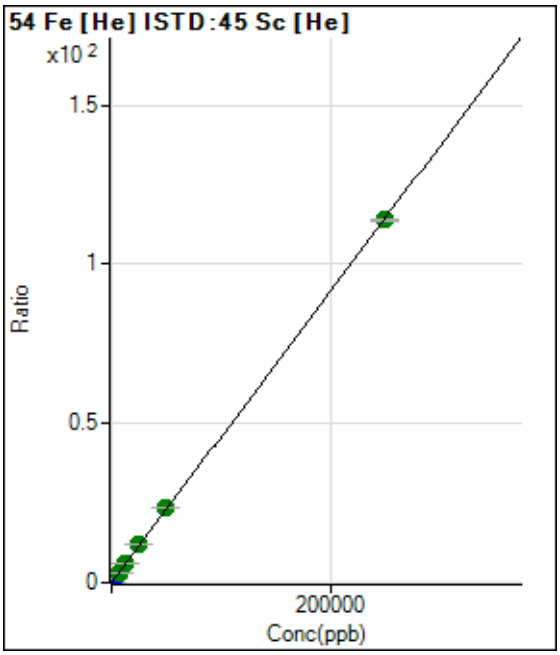
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1567.87	0.0026	P	1.9
2	☐	2.000	2.192	13612.89	0.0227	P	1.9
3	☐	50.000	50.715	278220.19	0.4677	P	1.3
4	☐	125.000	128.183	677647.26	1.1781	P	0.7
5	☐	250.000	249.059	1146964.14	2.2866	P	0.3
6	☐	500.000	501.646	2227665.99	4.6028	A	0.1
7	☐	1000.000	998.978	4466704.21	9.1634	A	0.5
8	☐			7403.18	0.0143	P	2.6

y = 0.0092 * x + 0.0026
R = 1.0000
DL = 0.01602
BEC = 0.2887

Weight: <None>
Min Conc: 0

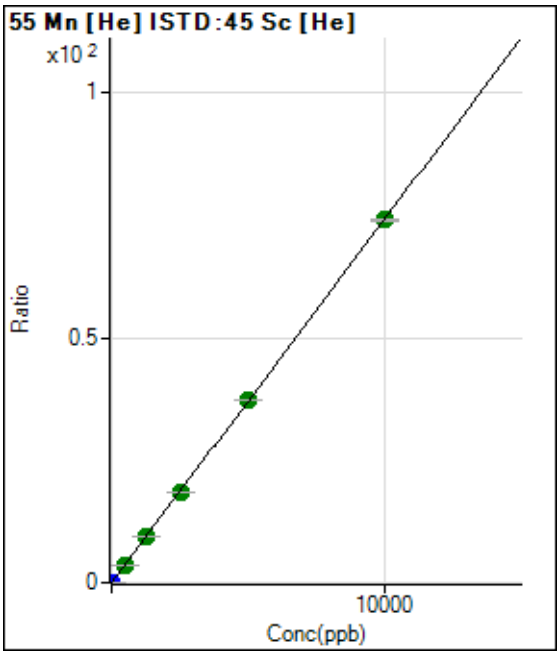


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2503.57	0.0042	P	2.7
2	☐	50.000	60.076	18954.26	0.0317	P	1.1
3	☐	2500.000	2691.404	733985.63	1.2339	P	0.8
4	☐	6250.000	6647.884	1749468.41	3.0415	A	1.2
5	☐	12500.000	13027.820	2987924.44	5.9564	A	0.6
6	☐	25000.000	26133.002	5780691.58	11.9440	A	0.8
7	☐	50000.000	51748.608	11526849.41	23.6473	A	0.5
8	☐	250000.00	249498.72	59176762.45	113.9961	A	0.6

y = 4.5688E-004 * x + 0.0042
R = 1.0000
DL = 0.7513
BEC = 9.253

Weight: <None>
Min Conc: 0

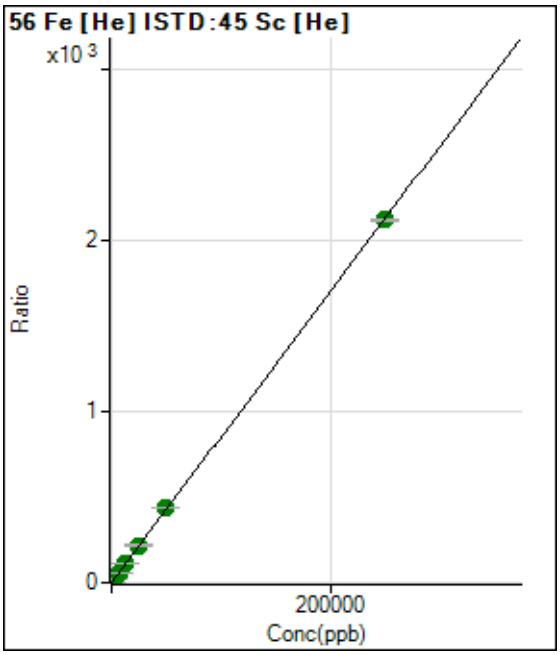
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	262.23	0.0004	P	9.6
2	☐	1.000	1.105	5166.49	0.0086	P	4.1
3	☐	500.000	497.267	2193194.03	3.6869	A	0.6
4	☐	1250.000	1259.459	5370900.75	9.3373	A	0.8
5	☐	2500.000	2497.757	9288500.77	18.5174	A	0.5
6	☐	5000.000	5028.939	18043984.04	37.2821	A	0.5
7	☐	10000.000	9985.046	36083213.90	74.0238	A	0.7
8	☐			17960.17	0.0346	P	9.5

y = 0.0074 * x + 4.4277E-004
R = 1.0000
DL = 0.01718
BEC = 0.05972

Weight: <None>
Min Conc: 0

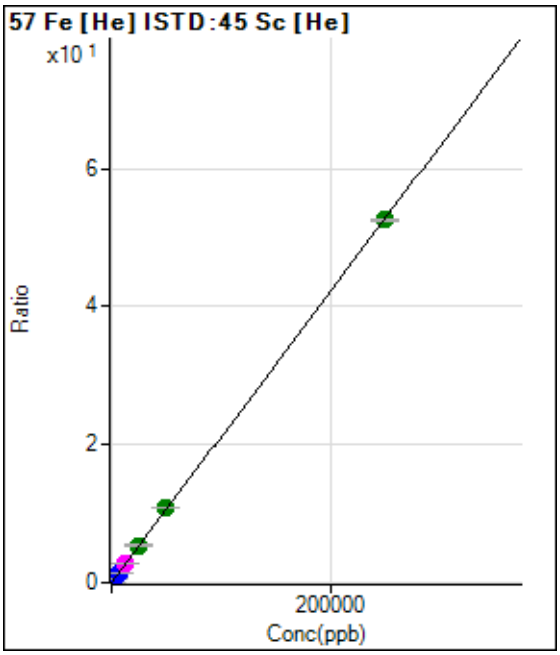


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20023.41	0.0338	P	0.9
2	☐	50.000	56.467	307187.22	0.5134	P	0.5
3	☐	2500.000	2557.956	12942913.00	21.7579	A	0.7
4	☐	6250.000	6498.422	31765592.86	55.2234	A	1.1
5	☐	12500.000	12779.640	54460526.97	108.5684	A	0.6
6	☐	25000.000	25770.815	105943836.20	218.8995	A	0.6
7	☐	50000.000	51346.411	212583070.17	436.1072	A	0.7
8	☐	250000.00	249632.86	1100580036.9	2,120.109	A	0.2

y = 0.0085 * x + 0.0338
R = 1.0000
DL = 0.1113
BEC = 3.981

Weight: <None>
Min Conc: 0

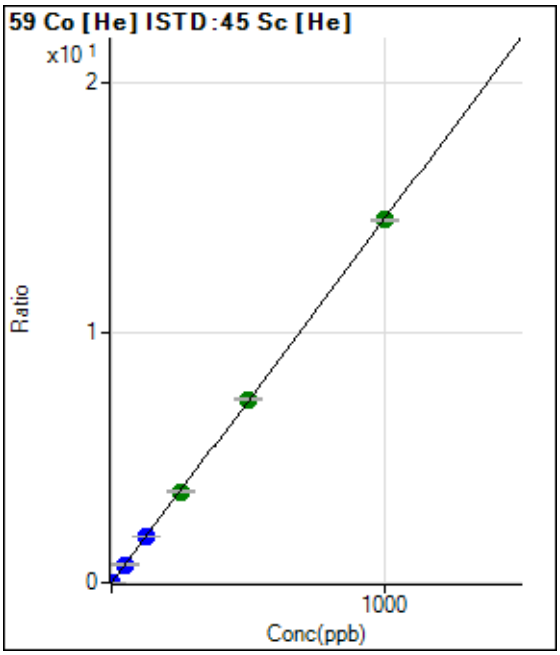
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	916.71	0.0015	P	5.2
2	☐	50.000	58.166	8252.32	0.0138	P	2.3
3	☐	2500.000	2632.356	330526.62	0.5556	P	0.5
4	☐	6250.000	6643.138	805198.64	1.3999	P	1.1
5	☐	12500.000	13011.322	1374445.87	2.7403	M	1.7
6	☐	25000.000	25791.527	2628201.58	5.4305	A	1.3
7	☐	50000.000	51152.350	5249196.13	10.7687	A	0.5
8	☐	250000.00	249653.65	27280362.09	52.5516	A	0.7

y = 2.1049E-004 * x + 0.0015
R = 1.0000
DL = 1.14
BEC = 7.353

Weight: <None>
Min Conc: 0

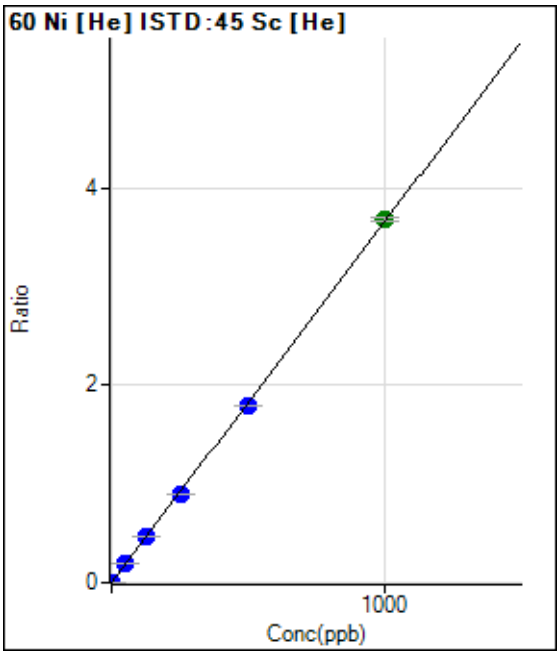


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0002	P	12.5
2	☐	1.000	1.138	10032.31	0.0168	P	1.0
3	☐	50.000	50.218	435327.46	0.7318	P	0.6
4	☐	125.000	126.742	1062210.56	1.8467	P	0.9
5	☐	250.000	250.994	1834407.14	3.6569	A	0.9
6	☐	500.000	503.762	3552153.70	7.3394	A	0.6
7	☐	1000.000	997.641	7084861.84	14.5347	A	0.6
8	☐			18961.01	0.0365	P	1.8

y = 0.0146 * x + 1.8955E-004
R = 1.0000
DL = 0.004884
BEC = 0.01301

Weight: <None>
Min Conc: 0

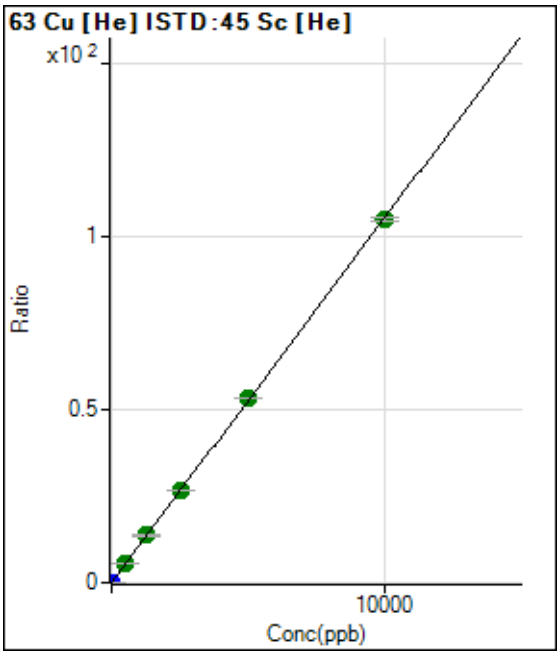
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.90	0.0007	P	7.5
2	☐	1.000	1.087	2782.51	0.0046	P	6.6
3	☐	50.000	50.954	111266.28	0.1870	P	0.8
4	☐	125.000	128.045	269780.06	0.4690	P	0.7
5	☐	250.000	246.718	453002.69	0.9031	P	0.4
6	☐	500.000	489.451	866767.63	1.7909	P	0.3
7	☐	1000.000	1005.667	1793400.28	3.6791	A	1.2
8	☐			6426.99	0.0124	P	2.7

y = 0.0037 * x + 6.7336E-004
R = 0.9999
DL = 0.04162
BEC = 0.1841

Weight: <None>
Min Conc: 0

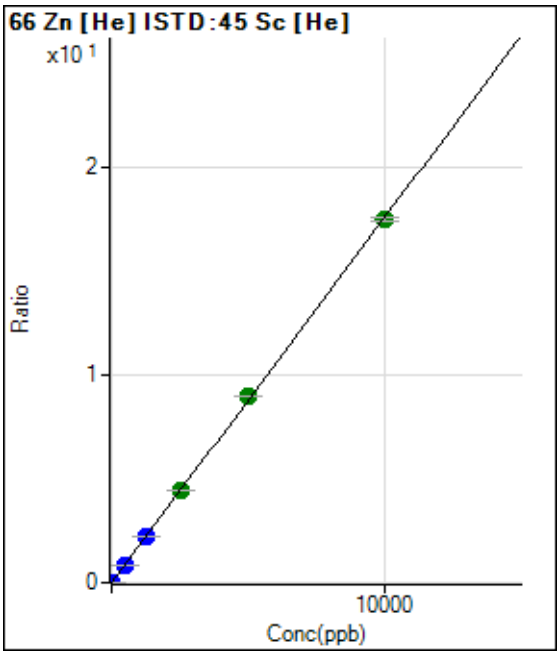


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	733.36	0.0012	P	1.6
2	☐	2.000	2.075	13805.34	0.0231	P	1.4
3	☐	500.000	522.393	3270862.21	5.4986	A	1.1
4	☐	1250.000	1300.955	7874730.16	13.6918	A	2.0
5	☐	2500.000	2534.439	13379105.36	26.6723	A	0.7
6	☐	5000.000	5065.681	25800506.28	53.3097	A	0.6
7	☐	10000.000	9951.061	51045819.79	104.7207	A	0.9
8	☐			10493.76	0.0202	P	6.7

y = 0.0105 * x + 0.0012
R = 1.0000
DL = 0.005674
BEC = 0.1177

Weight: <None>
Min Conc: 0

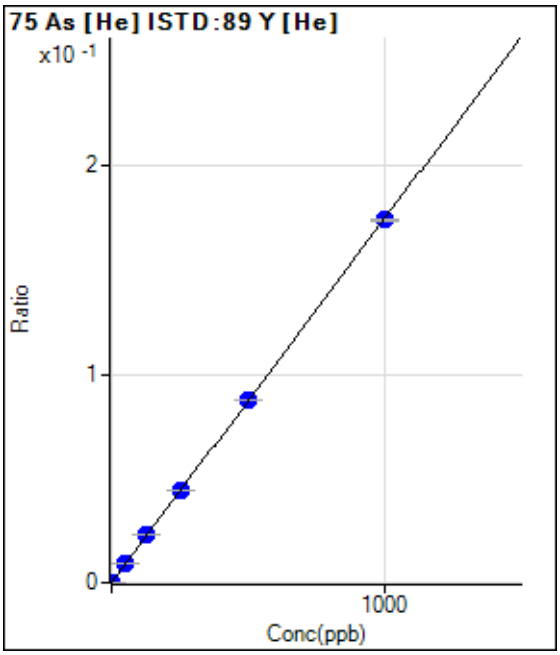
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	245.56	0.0004	P	10.7
2	☐	5.000	5.403	5920.12	0.0099	P	3.1
3	☐	500.000	494.481	516305.88	0.8680	P	1.1
4	☐	1250.000	1252.271	1263976.50	2.1975	P	0.8
5	☐	2500.000	2538.916	2234460.90	4.4548	A	1.1
6	☐	5000.000	5100.369	4331003.72	8.9488	A	0.2
7	☐	10000.000	9940.078	8501006.68	17.4398	A	1.1
8	☐			6474.79	0.0125	P	1.4

y = 0.0018 * x + 4.1474E-004
R = 0.9999
DL = 0.07555
BEC = 0.2364

Weight: <None>
Min Conc: 0

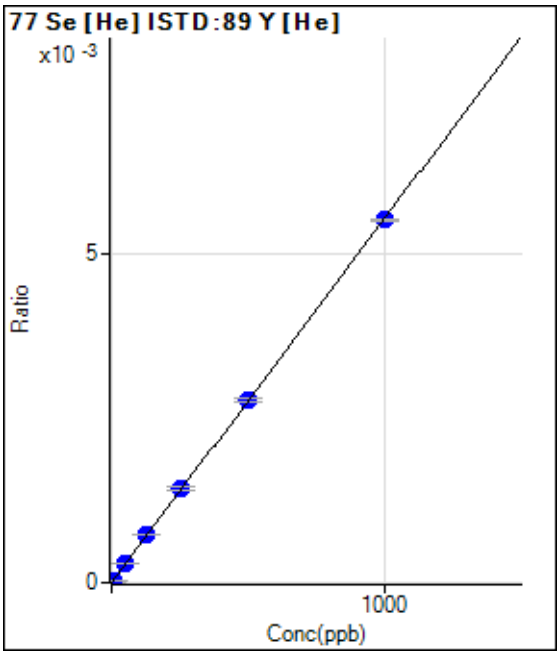


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	92.2
2	☐	1.000	1.134	771.14	0.0002	P	6.3
3	☐	50.000	53.752	35423.32	0.0094	P	0.6
4	☐	125.000	133.814	86966.01	0.0234	P	0.5
5	☐	250.000	254.727	148978.87	0.0445	P	0.5
6	☐	500.000	501.218	288340.05	0.0875	P	0.5
7	☐	1000.000	996.920	573343.30	0.1741	P	0.3
8	☐			357.79	0.0001	P	9.1

y = 1.7464E-004 * x + 2.9089E-006
R = 1.0000
DL = 0.04605
BEC = 0.01666

Weight: <None>
Min Conc: 0

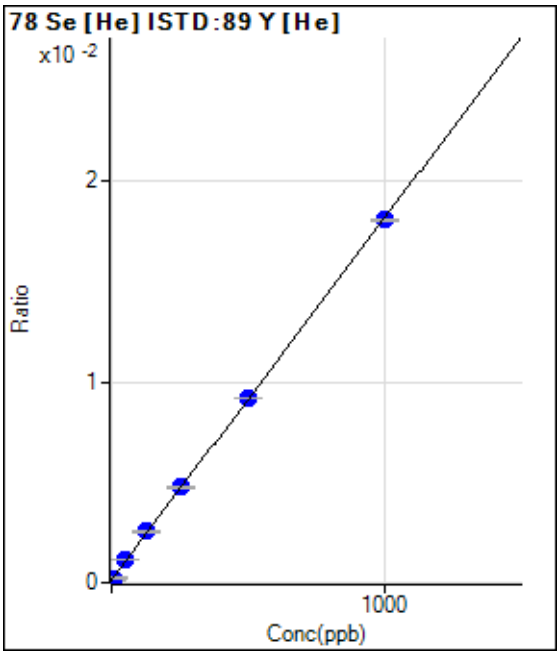
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	5.000	6.137	133.34	0.0000	P	7.5
3	☐	50.000	53.167	1110.05	0.0003	P	6.8
4	☐	125.000	130.751	2689.16	0.0007	P	1.0
5	☐	250.000	258.154	4774.15	0.0014	P	3.1
6	☐	500.000	500.892	9110.64	0.0028	P	2.0
7	☐	1000.000	996.633	18120.05	0.0055	P	0.7
8	☐			2.22	0.0000	P	86.6

y = 5.5204E-006 * x + 8.6202E-007
R = 1.0000
DL = 0.8114
BEC = 0.1562

Weight: <None>
Min Conc: 0

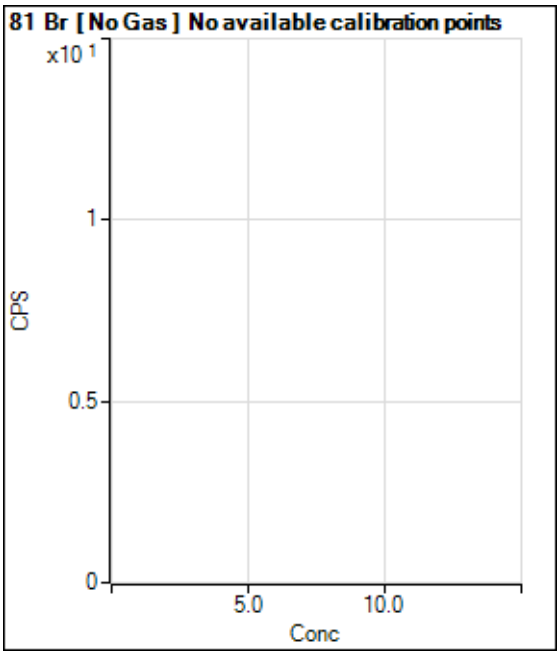


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	527.79	0.0001	P	17.4
2	☐	5.000	5.028	877.81	0.0002	P	10.6
3	☐	50.000	54.345	4217.30	0.0011	P	2.6
4	☐	125.000	134.794	9556.51	0.0026	P	3.1
5	☐	250.000	256.046	15925.32	0.0048	P	1.8
6	☐	500.000	504.263	30406.78	0.0092	P	0.2
7	☐	1000.000	994.916	59534.62	0.0181	P	0.3
8	☐			393.34	0.0001	P	3.4

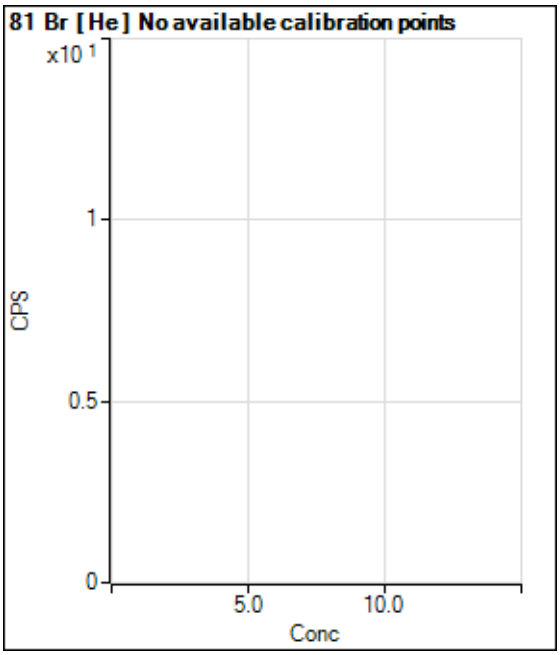
y = 1.8033E-005 * x + 1.3803E-004
R = 0.9999
DL = 4.003
BEC = 7.654

Weight: <None>
Min Conc: 0

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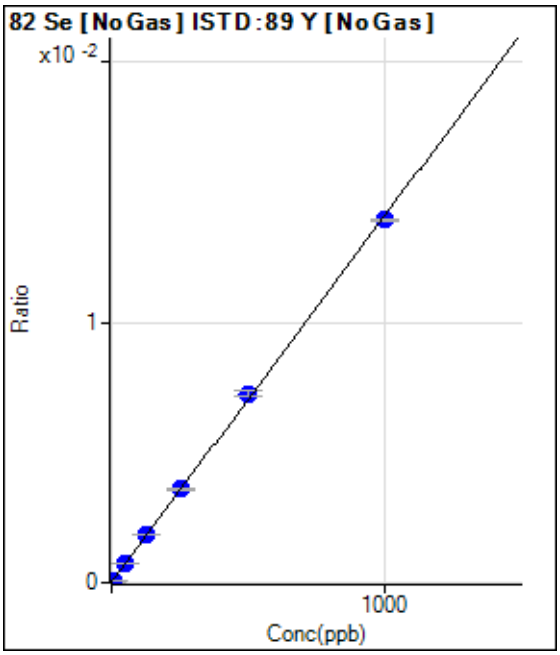


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15671.74		P	1.2
2	☐			15380.34		P	2.8
3	☐			15245.75		P	2.6
4	☐			15280.22		P	0.7
5	☐			13510.72		P	2.0
6	☐			11581.28		P	1.9
7	☐			11748.10		P	1.5
8	☐			12931.30		P	2.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			183.34		P	10.9
2	☐			177.78		P	7.6
3	☐			177.78		P	6.6
4	☐			162.22		P	6.6
5	☐			126.67		P	16.0
6	☐			120.00		P	12.1
7	☐			91.11		P	26.0
8	☐			152.22		P	13.9

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.27	0.0000	P	7.5
2	☐	5.000	5.558	1266.46	0.0001	P	2.6
3	☐	50.000	52.248	10443.85	0.0007	P	1.4
4	☐	125.000	131.768	25953.74	0.0019	P	0.9
5	☐	250.000	254.426	47552.65	0.0036	P	2.6
6	☐	500.000	516.089	87623.98	0.0073	P	3.3
7	☐	1000.000	989.888	171104.76	0.0139	P	0.4
8	☐			329.06	0.0000	P	4.8

y = 1.4064E-005 * x + 1.3125E-005

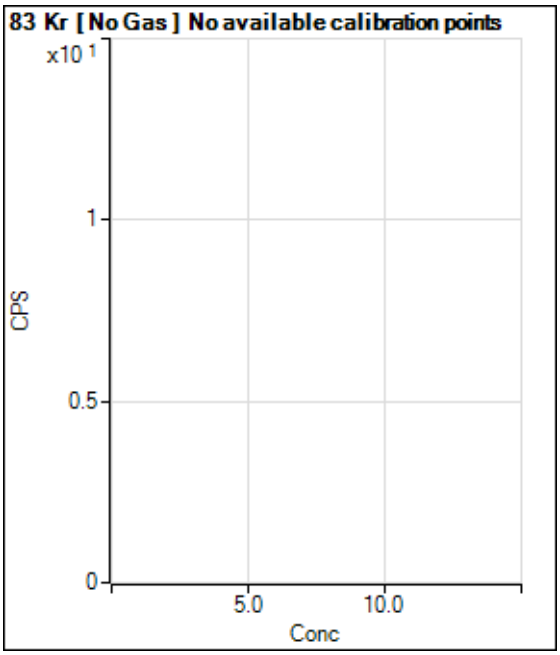
R = 0.9998

DL = 0.2095

BEC = 0.9332

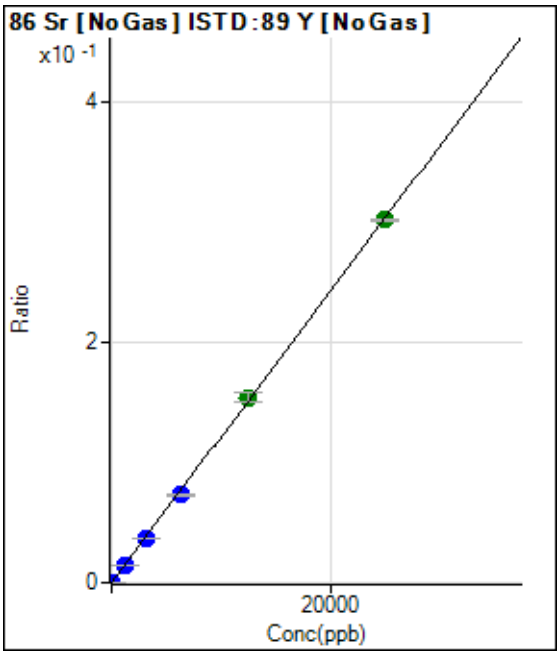
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			258.89		P	12.7
2	☐			223.34		P	14.2
3	☐			226.67		P	1.5
4	☐			235.56		P	14.2
5	☐			207.78		P	14.6
6	☐			207.78		P	25.0
7	☐			212.23		P	4.8
8	☐			235.56		P	10.6

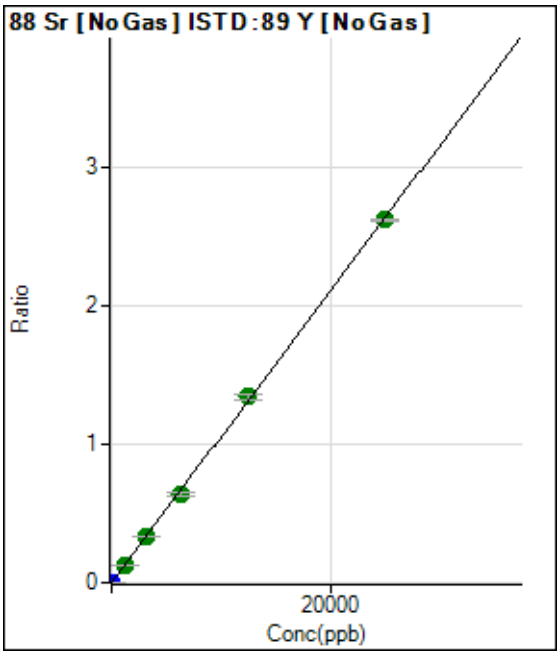
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.46	0.0000	P	15.8
2	☐	1.000	25.848	4801.93	0.0003	P	3.1
3	☐	1250.000	1233.482	208867.66	0.0150	P	0.5
4	☐	3125.000	3091.355	520635.86	0.0374	P	0.2
5	☐	6250.000	6014.990	964042.26	0.0728	P	2.9
6	☐	12500.000	12749.833	1859013.60	0.1543	A	4.4
7	☐	25000.000	24938.866	3705524.77	0.3018	A	0.6
8	☐			11343.33	0.0009	P	4.2

y = 1.2100E-005 * x + 3.3422E-005
R = 0.9999
DL = 1.313
BEC = 2.762

Weight: <None>
Min Conc: 0

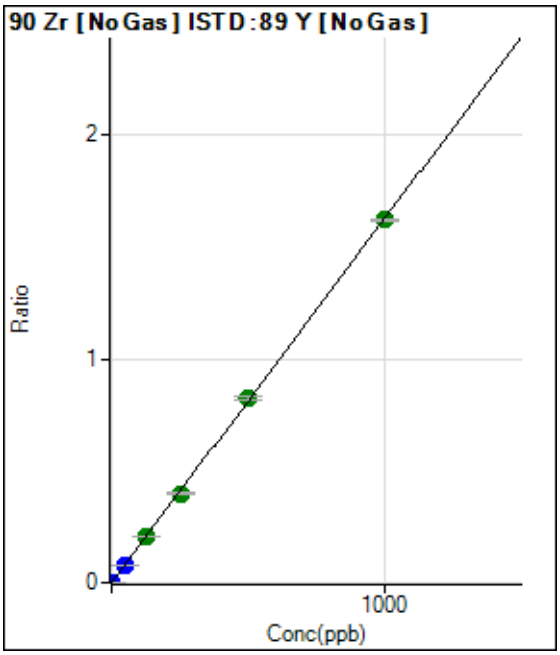


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0000	P	8.5
2	☐	1.000	26.554	39094.08	0.0028	P	1.3
3	☐	1250.000	1240.705	1822756.57	0.1305	A	1.2
4	☐	3125.000	3162.427	4626550.49	0.3327	A	0.9
5	☐	6250.000	6073.357	8461102.93	0.6389	A	2.3
6	☐	12500.000	12751.911	16165625.73	1.3415	A	3.1
7	☐	25000.000	24913.991	32180308.69	2.6209	A	0.6
8	☐			97916.53	0.0080	P	1.5

y = 1.0520E-004 * x + 2.4720E-005
R = 0.9999
DL = 0.06011
BEC = 0.235

Weight: <None>
Min Conc: 0

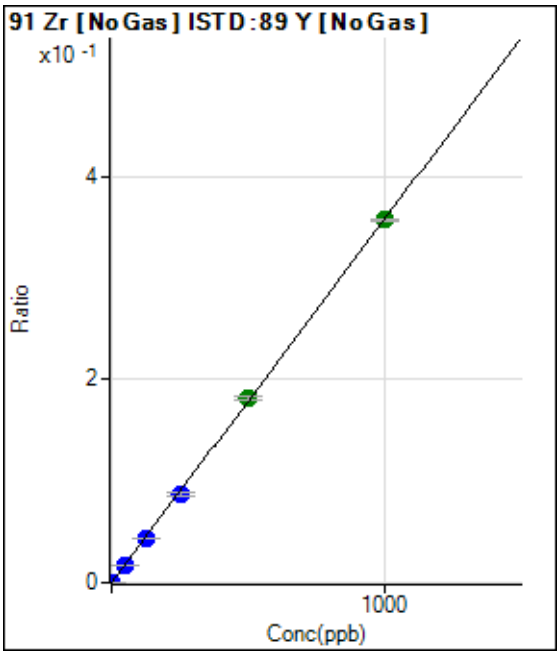
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	666.69	0.0000	P	12.4
2	☐	1.000	1.026	23802.67	0.0017	P	0.4
3	☐	50.000	48.778	1107548.40	0.0793	P	0.5
4	☐	125.000	125.182	2829620.93	0.2035	A	1.6
5	☐	250.000	245.408	5281868.04	0.3989	A	2.4
6	☐	500.000	508.006	9951248.81	0.8256	A	2.1
7	☐	1000.000	997.183	19898436.79	1.6206	A	0.7
8	☐			14686.33	0.0012	P	5.8

y = 0.0016 * x + 4.8023E-005
R = 0.9999
DL = 0.01096
BEC = 0.02955

Weight: <None>
Min Conc: 0

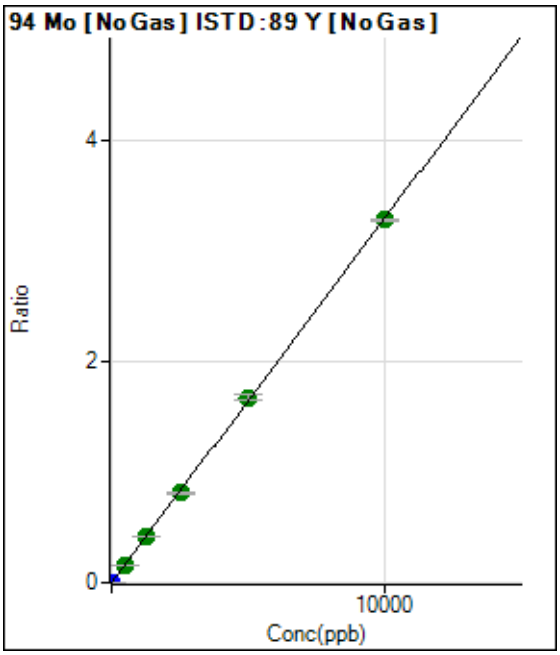


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	28.3
2	☐	1.000	1.034	5259.88	0.0004	P	4.1
3	☐	50.000	49.431	246845.03	0.0177	P	1.3
4	☐	125.000	124.087	616951.41	0.0444	P	0.4
5	☐	250.000	242.998	1150076.40	0.0869	P	3.1
6	☐	500.000	506.851	2183925.63	0.1812	A	1.8
7	☐	1000.000	998.468	4382250.94	0.3569	A	0.9
8	☐			3252.61	0.0003	P	6.9

y = 3.5745E-004 * x + 9.6958E-006
R = 0.9999
DL = 0.02303
BEC = 0.02712

Weight: <None>
Min Conc: 0

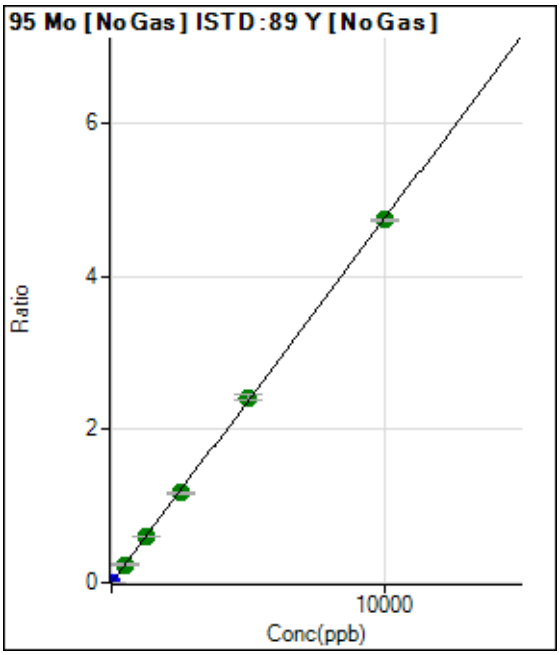
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.12	0.0000	P	3.8
2	☐	5.000	6.201	28619.10	0.0021	P	3.0
3	☐	500.000	499.152	2291813.37	0.1641	A	0.7
4	☐	1250.000	1258.738	5755325.47	0.4139	A	0.6
5	☐	2500.000	2459.207	10705659.91	0.8086	A	3.1
6	☐	5000.000	5086.625	20155013.87	1.6724	A	2.7
7	☐	10000.000	9965.835	40231511.90	3.2766	A	0.6
8	☐			15205.88	0.0012	P	13.0

y = 3.2878E-004 * x + 2.4559E-005
R = 0.9999
DL = 0.008426
BEC = 0.0747

Weight: <None>
Min Conc: 0

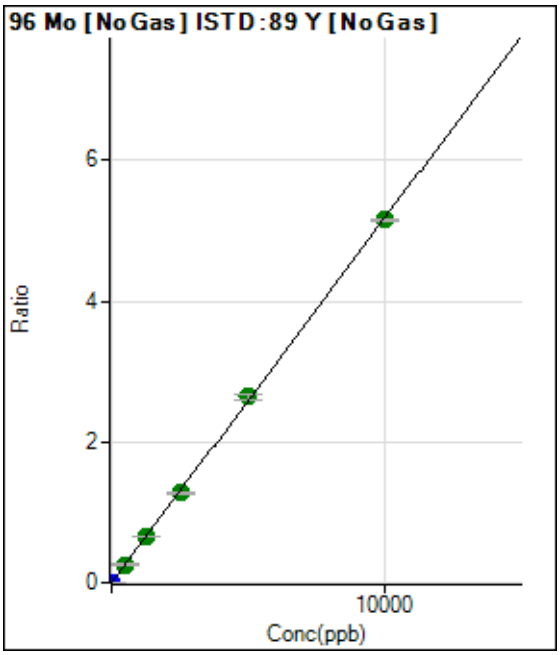


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	156.67	0.0000	P	3.3
2	☐	5.000	5.185	34360.28	0.0025	P	1.2
3	☐	500.000	499.077	3313653.67	0.2373	A	1.5
4	☐	1250.000	1254.380	8294689.25	0.5965	A	0.5
5	☐	2500.000	2467.886	15537025.74	1.1735	A	3.1
6	☐	5000.000	5083.154	29127958.46	2.4171	A	2.9
7	☐	10000.000	9965.950	58185831.91	4.7388	A	0.7
8	☐			16300.58	0.0013	P	18.7

y = 4.7550E-004 * x + 1.1277E-005
R = 0.9999
DL = 0.002336
BEC = 0.02372

Weight: <None>
Min Conc: 0

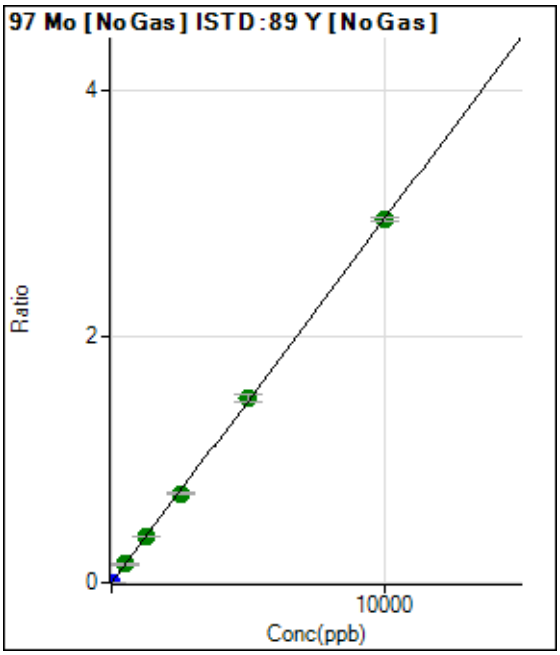
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	260.00	0.0000	P	8.3
2	☐	5.000	5.372	38840.33	0.0028	P	2.3
3	☐	500.000	499.862	3613911.37	0.2588	A	1.3
4	☐	1250.000	1264.473	9104699.17	0.6547	A	0.6
5	☐	2500.000	2468.137	16920377.80	1.2779	A	3.0
6	☐	5000.000	5094.899	31786878.14	2.6380	A	3.5
7	☐	10000.000	9958.714	63311186.84	5.1562	A	0.4
8	☐			28398.00	0.0023	P	11.6

y = 5.1776E-004 * x + 1.8709E-005
R = 0.9999
DL = 0.008997
BEC = 0.03613

Weight: <None>
Min Conc: 0

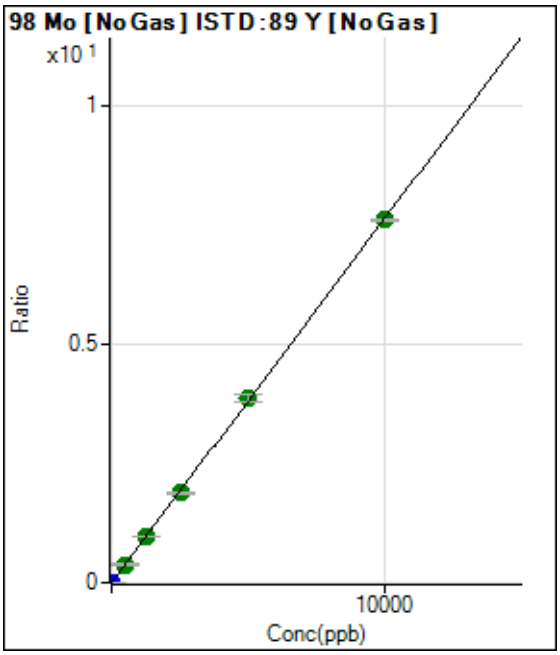


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	10.8
2	☐	5.000	5.277	21708.40	0.0016	P	0.6
3	☐	500.000	502.604	2071773.96	0.1484	A	1.0
4	☐	1250.000	1254.935	5151704.85	0.3705	A	1.3
5	☐	2500.000	2448.491	9569060.14	0.7228	A	3.3
6	☐	5000.000	5073.847	18047362.51	1.4978	A	3.8
7	☐	10000.000	9975.206	36156090.01	2.9447	A	1.1
8	☐			9999.13	0.0008	P	16.0

y = 2.9520E-004 * x + 7.0385E-006
R = 0.9999
DL = 0.007726
BEC = 0.02384

Weight: <None>
Min Conc: 0

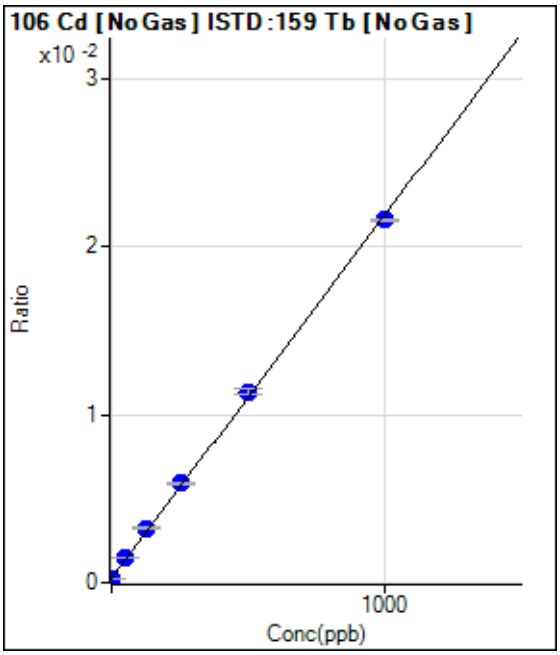
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.23	0.0000	P	9.5
2	☐	5.000	5.203	55359.96	0.0040	P	1.0
3	☐	500.000	498.475	5314070.79	0.3806	A	1.8
4	☐	1250.000	1255.829	13333659.94	0.9588	A	0.7
5	☐	2500.000	2460.325	24869089.91	1.8785	A	3.2
6	☐	5000.000	5073.166	46673103.75	3.8733	A	3.5
7	☐	10000.000	9972.683	93488689.72	7.6141	A	0.8
8	☐			25282.50	0.0021	P	17.2

y = 7.6349E-004 * x + 1.8157E-005
R = 1.0000
DL = 0.00681
BEC = 0.02378

Weight: <None>
Min Conc: 0

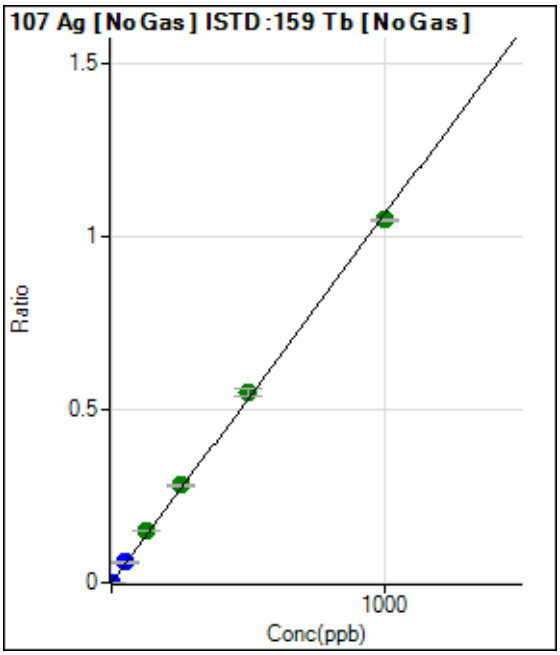


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3512.68	0.0002	P	1.4
2	☐	1.000	1.081	3820.55	0.0003	P	5.5
3	☐	50.000	56.224	21159.92	0.0015	P	2.4
4	☐	125.000	139.462	47228.73	0.0033	P	0.6
5	☐	250.000	261.807	84091.52	0.0059	P	2.3
6	☐	500.000	514.259	153930.91	0.0114	P	3.1
7	☐	1000.000	987.800	298585.78	0.0216	P	0.8
8	☐			3122.59	0.0002	P	3.6

y = 2.1618E-005 * x + 2.4610E-004
R = 0.9997
DL = 0.4883
BEC = 11.38

Weight: <None>
Min Conc: 0

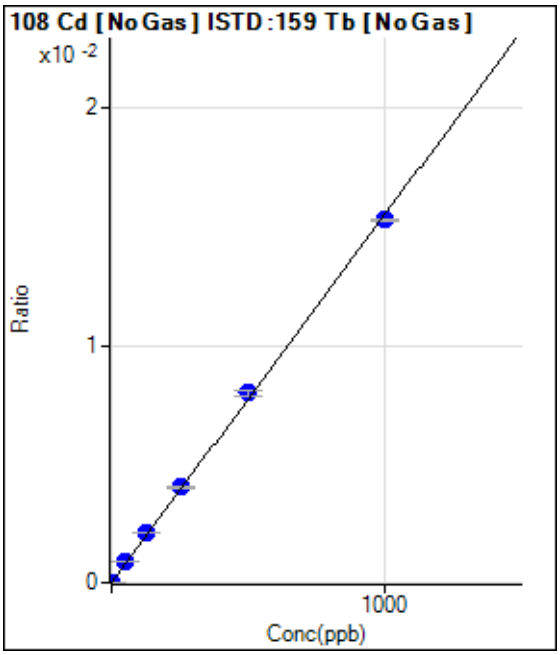
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.22	0.0000	P	25.9
2	☐	1.000	1.141	17289.25	0.0012	P	1.1
3	☐	50.000	54.979	846906.39	0.0585	P	1.0
4	☐	125.000	139.692	2152307.23	0.1486	A	0.7
5	☐	250.000	265.355	4019862.02	0.2823	A	1.9
6	☐	500.000	517.280	7453121.21	0.5503	A	4.0
7	☐	1000.000	985.436	14491065.76	1.0483	A	0.4
8	☐			3931.70	0.0003	P	17.3

y = 0.0011 * x + 5.7617E-006
R = 0.9996
DL = 0.004201
BEC = 0.005416

Weight: <None>
Min Conc: 0

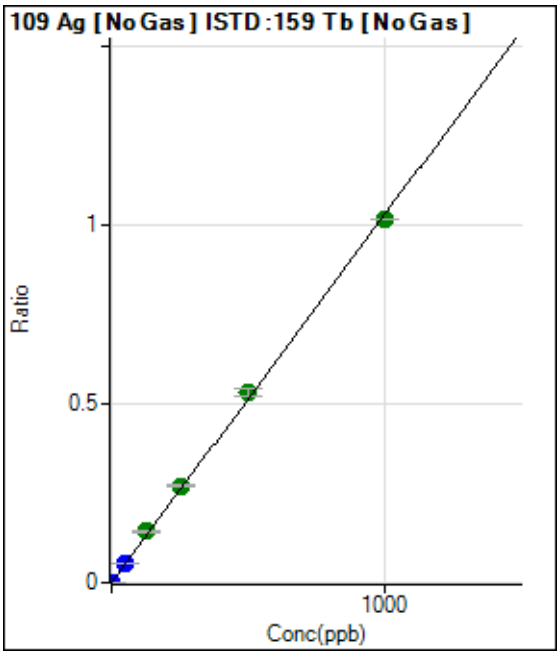


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	32.9
2	☐	1.000	1.073	245.56	0.0000	P	23.3
3	☐	50.000	55.646	12489.89	0.0009	P	1.8
4	☐	125.000	138.112	30995.32	0.0021	P	0.2
5	☐	250.000	260.915	57561.37	0.0040	P	1.9
6	☐	500.000	516.741	108447.81	0.0080	P	2.9
7	☐	1000.000	986.980	211351.12	0.0153	P	0.6
8	☐			117.78	0.0000	P	28.8

y = 1.5490E-005 * x + 7.0001E-007
R = 0.9997
DL = 0.04463
BEC = 0.04519

Weight: <None>
Min Conc: 0

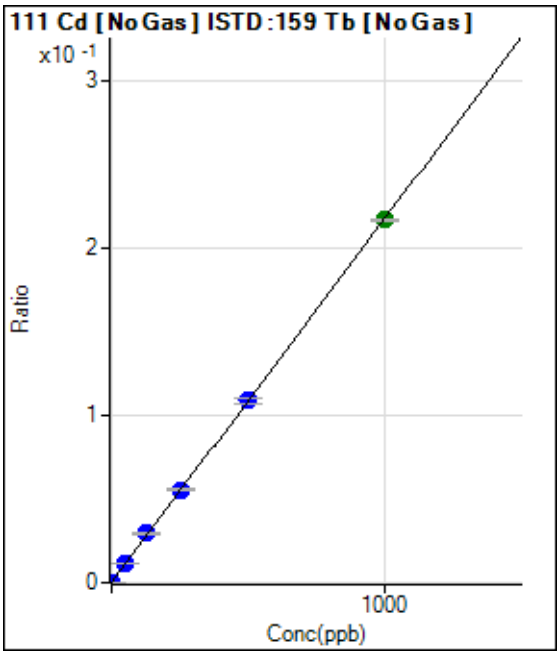
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	25.2
2	☐	1.000	1.146	16756.42	0.0012	P	3.1
3	☐	50.000	53.922	802658.53	0.0554	P	1.2
4	☐	125.000	139.727	2080399.24	0.1436	A	2.1
5	☐	250.000	263.396	3856258.48	0.2708	A	1.3
6	☐	500.000	516.525	7192360.45	0.5310	A	3.6
7	☐	1000.000	986.352	14016827.01	1.0140	A	0.1
8	☐			3720.54	0.0003	P	16.0

y = 0.0010 * x + 3.7384E-006
R = 0.9996
DL = 0.002752
BEC = 0.003636

Weight: <None>
Min Conc: 0

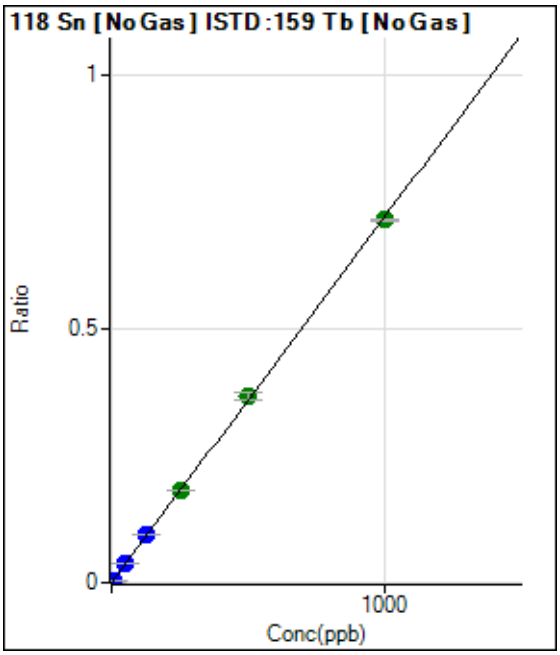


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2467.43	0.0002	P	1.3
2	☐	1.000	1.196	6127.43	0.0004	P	2.0
3	☐	50.000	53.837	171565.86	0.0118	P	1.3
4	☐	125.000	134.238	424185.30	0.0293	P	0.8
5	☐	250.000	253.431	785150.91	0.0551	P	2.2
6	☐	500.000	500.511	1472970.22	0.1087	P	2.9
7	☐	1000.000	997.540	2993167.45	0.2165	A	0.5
8	☐			2957.84	0.0002	P	1.0

y = 2.1689E-004 * x + 1.7287E-004
R = 1.0000
DL = 0.03124
BEC = 0.797

Weight: <None>
Min Conc: 0

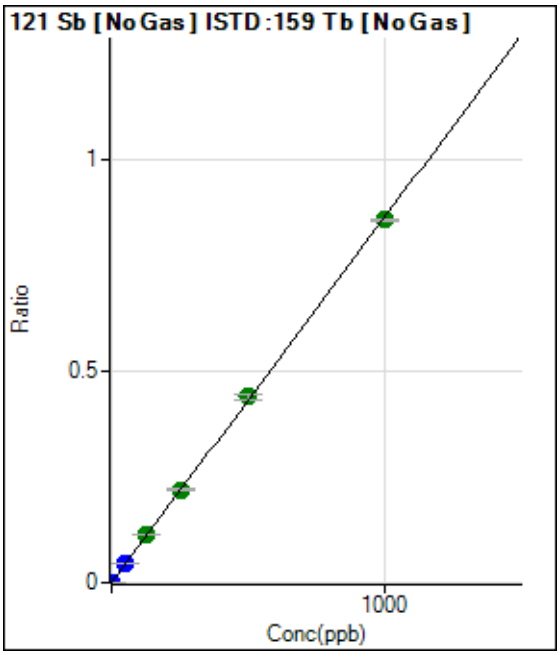
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1402.30	0.0001	P	5.3
2	☐	5.000	5.632	58819.27	0.0041	P	0.8
3	☐	50.000	51.664	539364.34	0.0373	P	1.2
4	☐	125.000	129.293	1348071.49	0.0931	P	0.3
5	☐	250.000	252.608	2588634.92	0.1818	A	1.4
6	☐	500.000	511.538	4983926.87	0.3680	A	3.7
7	☐	1000.000	992.956	9872287.08	0.7142	A	0.5
8	☐			5017.59	0.0004	P	8.5

y = 7.1915E-004 * x + 9.8256E-005
R = 0.9999
DL = 0.02175
BEC = 0.1366

Weight: <None>
Min Conc: 0

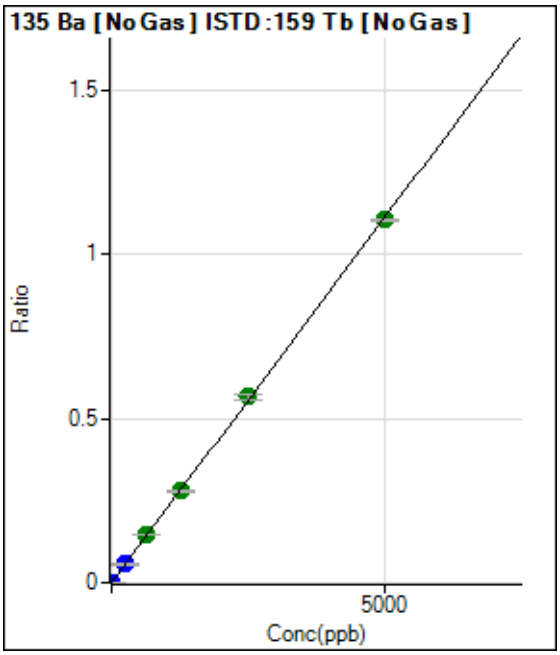


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	0.4
2	☐	2.000	2.227	27293.72	0.0019	P	2.0
3	☐	50.000	51.220	640689.40	0.0443	P	1.0
4	☐	125.000	132.452	1657237.93	0.1144	A	0.1
5	☐	250.000	254.397	3129205.16	0.2198	A	2.5
6	☐	500.000	508.852	5955041.02	0.4396	A	3.0
7	☐	1000.000	993.482	11864001.49	0.8583	A	0.7
8	☐			7154.07	0.0005	P	6.3

y = 8.6389E-004 * x + 1.6345E-006
R = 0.9999
DL = 2.281E-05
BEC = 0.001892

Weight: <None>
Min Conc: 0

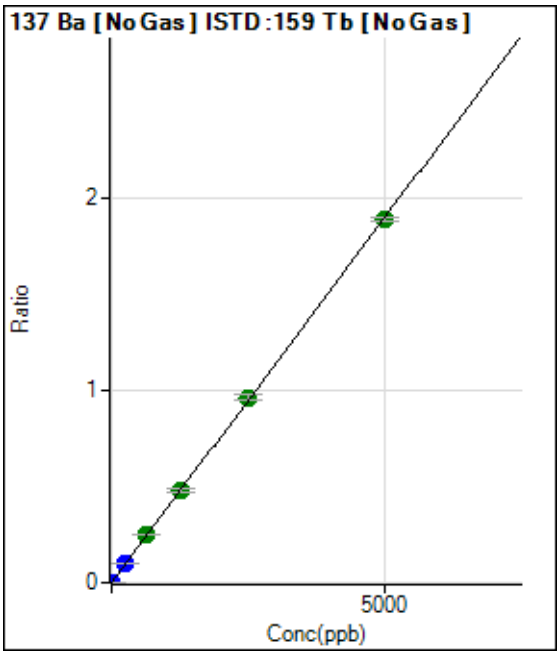
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0000	P	29.3
2	☐	10.000	10.730	33896.95	0.0024	P	0.5
3	☐	250.000	251.001	808302.17	0.0558	P	0.8
4	☐	625.000	661.236	2129891.44	0.1471	A	0.9
5	☐	1250.000	1258.861	3986598.76	0.2800	A	2.1
6	☐	2500.000	2545.594	7668355.93	0.5661	A	3.5
7	☐	5000.000	4970.407	15279932.14	1.1054	A	0.5
8	☐			8074.60	0.0006	P	8.3

y = 2.2239E-004 * x + 4.5132E-006
R = 0.9999
DL = 0.01783
BEC = 0.02029

Weight: <None>
Min Conc: 0

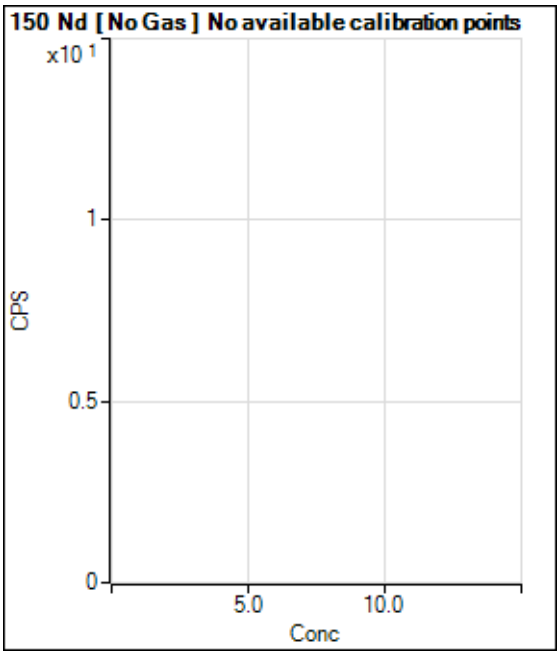


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0000	P	13.2
2	☐	10.000	10.887	58613.37	0.0041	P	0.6
3	☐	250.000	253.880	1393337.79	0.0962	P	0.9
4	☐	625.000	667.783	3665758.14	0.2531	A	0.7
5	☐	1250.000	1261.689	6808608.51	0.4782	A	2.7
6	☐	2500.000	2536.028	13020290.08	0.9612	A	3.3
7	☐	5000.000	4973.520	26056757.11	1.8850	A	1.1
8	☐			13873.55	0.0010	P	6.4

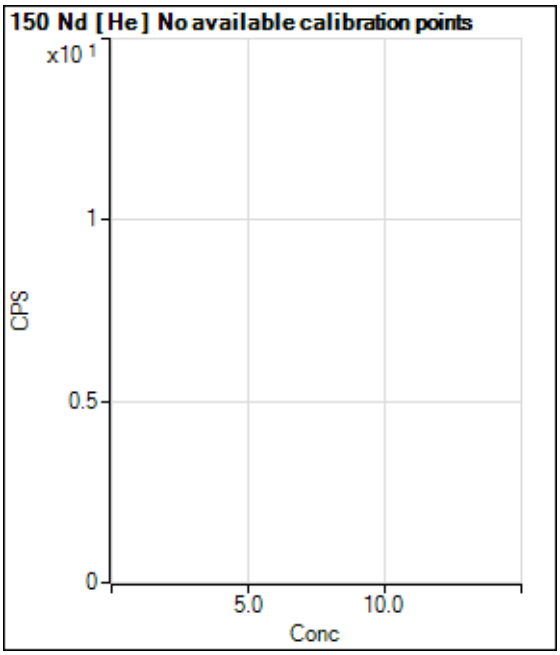
y = 3.7901E-004 * x + 8.0932E-006
R = 0.9999
DL = 0.008466
BEC = 0.02135

Weight: <None>
Min Conc: 0

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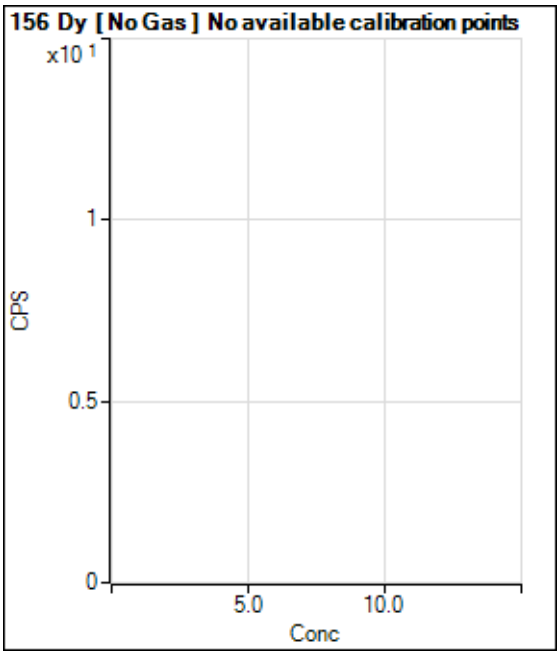


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	100.
2	☐			10.00		P	0.0
3	☐			51.11		P	7.5
4	☐			101.11		P	21.2
5	☐			193.34		P	9.0
6	☐			330.01		P	11.6
7	☐			677.80		P	4.0
8	☐			245.56		P	14.5

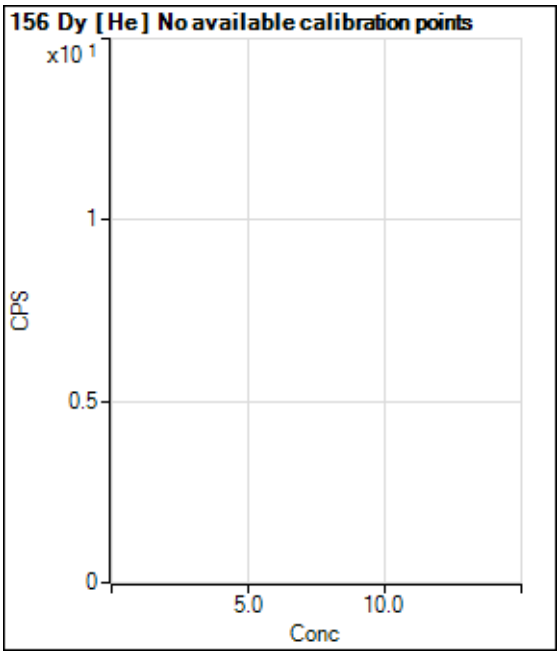


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	100.
3	☐			17.78		P	75.8
4	☐			24.44		P	34.3
5	☐			40.00		P	16.7
6	☐			83.33		P	17.4
7	☐			118.89		P	8.6
8	☐			155.56		P	14.3

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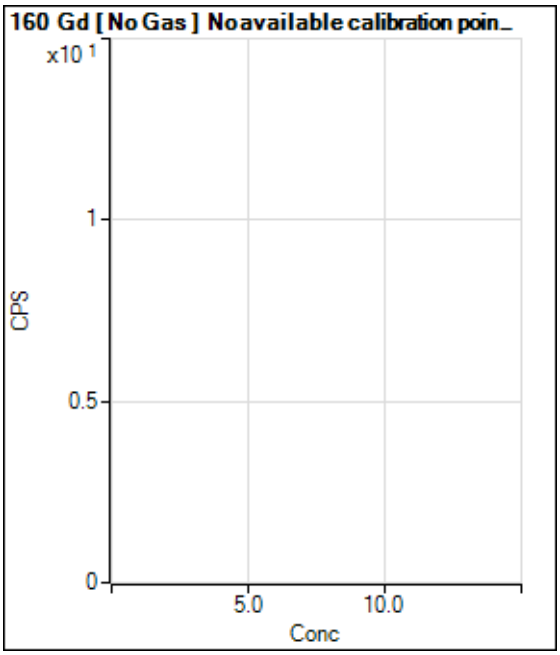


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17.78		P	10.8
2	☐			26.67		P	33.1
3	☐			37.78		P	13.5
4	☐			54.45		P	24.7
5	☐			80.00		P	16.7
6	☐			134.45		P	24.8
7	☐			222.23		P	8.3
8	☐			408.90		P	13.1

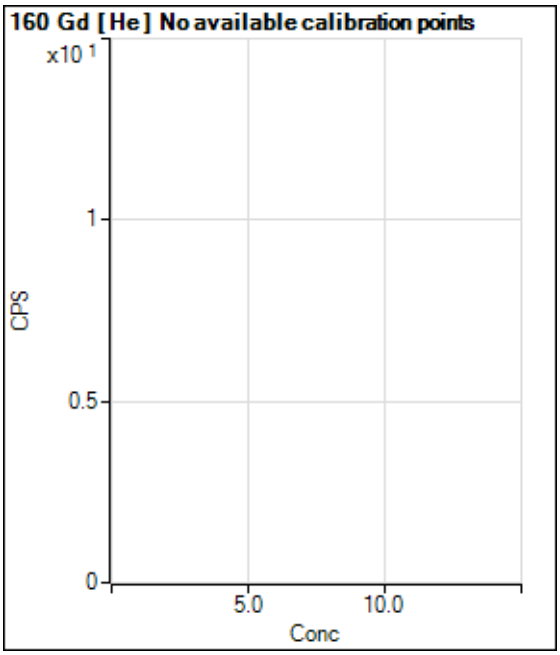


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.0
2	☐			12.22		P	41.7
3	☐			47.78		P	8.1
4	☐			84.45		P	4.6
5	☐			125.56		P	25.1
6	☐			265.56		P	6.2
7	☐			587.79		P	2.4
8	☐			367.79		P	6.9

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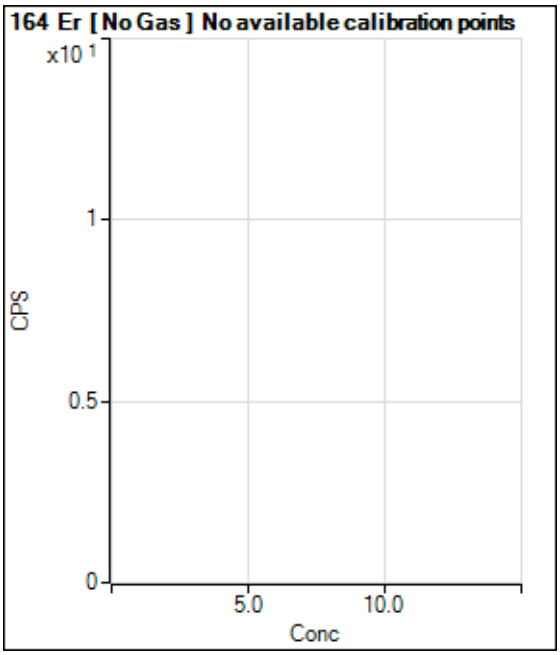


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			71.11		P	28.6
2	☐			67.78		P	2.8
3	☐			54.44		P	9.4
4	☐			78.89		P	20.0
5	☐			84.44		P	16.4
6	☐			105.56		P	23.7
7	☐			188.89		P	11.7
8	☐			465.57		P	10.1

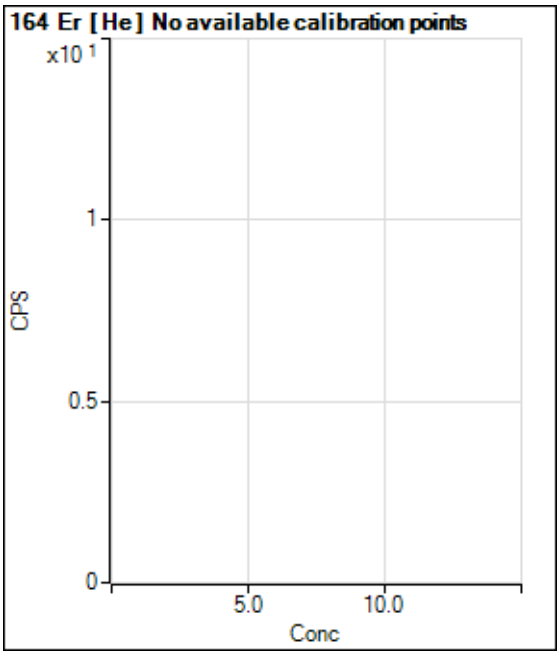


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			383.34		P	19.9
2	☐			377.79		P	13.4
3	☐			421.12		P	5.9
4	☐			408.90		P	16.8
5	☐			378.90		P	7.1
6	☐			402.23		P	5.0
7	☐			485.57		P	11.5
8	☐			711.14		P	9.8

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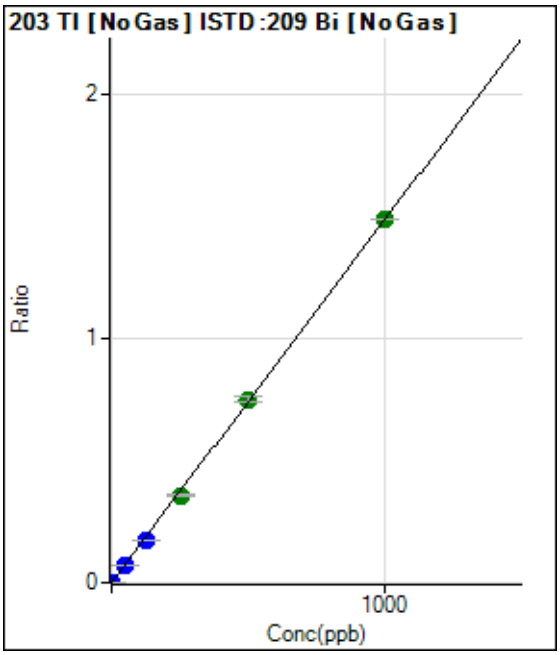


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47.78		P	14.5
2	☐			50.00		P	24.0
3	☐			48.89		P	10.4
4	☐			71.11		P	11.8
5	☐			73.33		P	9.1
6	☐			111.11		P	20.0
7	☐			183.34		P	7.9
8	☐			500.02		P	10.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			35.56		P	5.4
2	☐			46.67		P	7.1
3	☐			25.56		P	37.7
4	☐			42.22		P	40.5
5	☐			61.11		P	43.8
6	☐			97.78		P	20.8
7	☐			140.00		P	18.0
8	☐			336.67		P	6.9

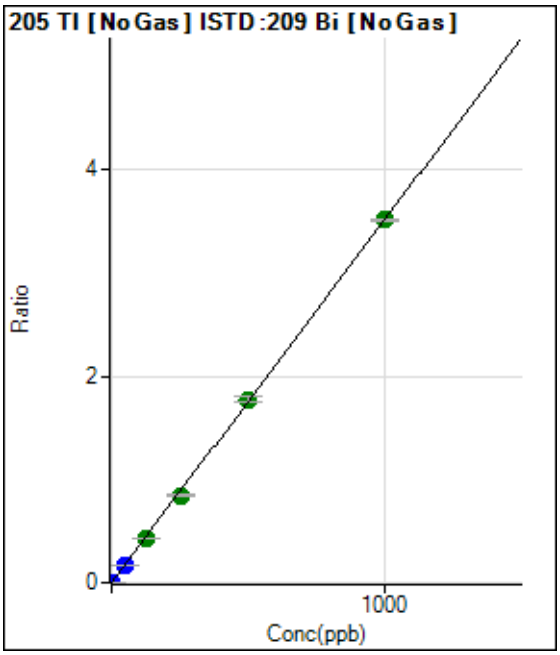
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	276.67	0.0000	P	16.0
2	☐	1.000	0.969	11700.68	0.0015	P	2.1
3	☐	50.000	45.748	547882.63	0.0679	P	1.2
4	☐	125.000	114.755	1378979.17	0.1703	P	0.8
5	☐	250.000	240.659	2896712.53	0.3571	A	1.6
6	☐	500.000	505.822	5827649.71	0.7506	A	3.1
7	☐	1000.000	1000.917	11591823.99	1.4852	A	0.1
8	☐			2544.72	0.0004	P	16.3

y = 0.0015 * x + 3.5033E-005
R = 0.9999
DL = 0.01135
BEC = 0.02361

Weight: <None>
Min Conc: 0

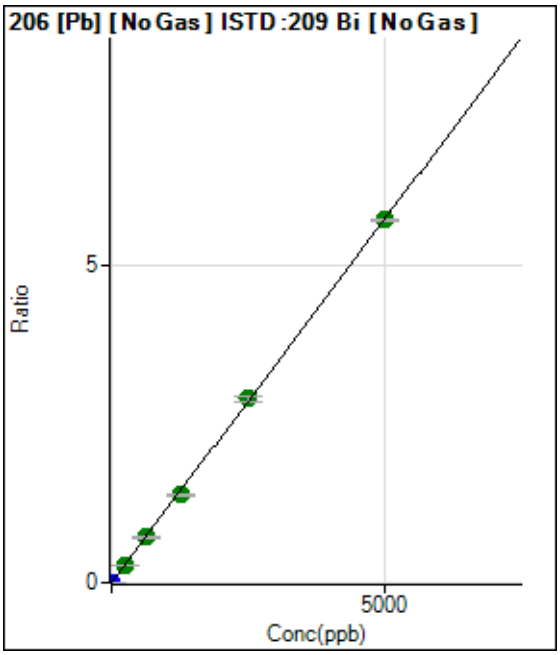


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	646.69	0.0001	P	3.4
2	☐	1.000	0.957	27347.53	0.0034	P	2.8
3	☐	50.000	45.329	1285368.32	0.1593	P	1.3
4	☐	125.000	123.654	3518330.50	0.4345	A	0.2
5	☐	250.000	240.778	6862042.95	0.8460	A	1.9
6	☐	500.000	504.857	13771933.13	1.7738	A	3.2
7	☐	1000.000	1000.279	27429529.03	3.5143	A	0.3
8	☐			5962.51	0.0009	P	15.8

y = 0.0035 * x + 8.1913E-005
R = 0.9999
DL = 0.00238
BEC = 0.02332

Weight: <None>
Min Conc: 0

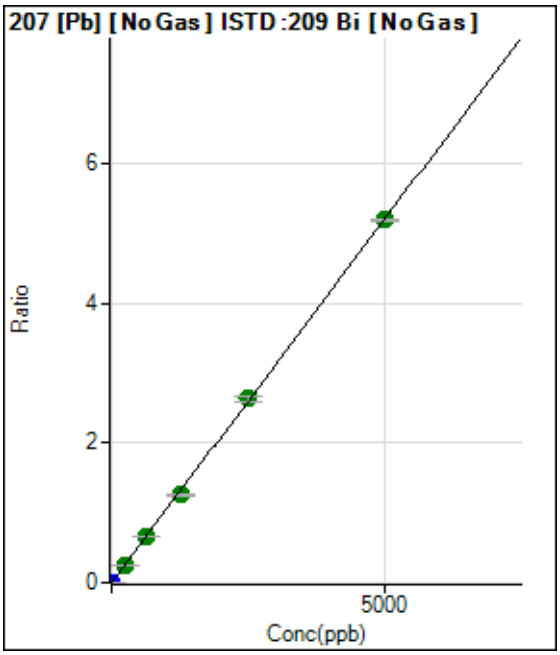
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	357.79	0.0000	P	6.5
2	☐	1.000	0.989	9362.20	0.0012	P	3.0
3	☐	250.000	244.918	2264672.69	0.2807	A	0.5
4	☐	625.000	624.411	5794023.66	0.7156	A	1.3
5	☐	1250.000	1211.313	11258592.96	1.3881	A	2.6
6	☐	2500.000	2529.494	22503956.19	2.8987	A	3.5
7	☐	5000.000	4995.253	44678270.17	5.7243	A	0.3
8	☐			13580.35	0.0019	P	11.4

y = 0.0011 * x + 4.5332E-005
R = 0.9999
DL = 0.007655
BEC = 0.03956

Weight: <None>
Min Conc: 0

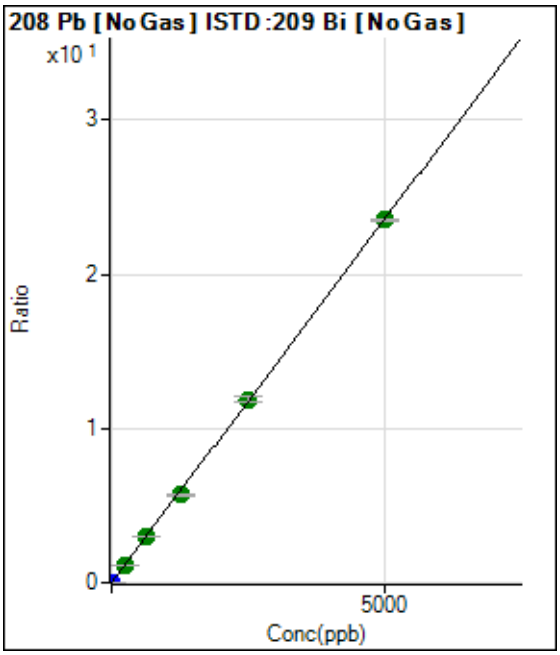


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.67	0.0000	P	13.7
2	☐	1.000	0.976	8339.28	0.0011	P	1.5
3	☐	250.000	246.495	2071847.33	0.2568	A	0.7
4	☐	625.000	628.658	5303135.75	0.6549	A	0.5
5	☐	1250.000	1212.916	10248580.06	1.2636	A	2.5
6	☐	2500.000	2533.868	20494306.22	2.6397	A	3.3
7	☐	5000.000	4992.055	40589001.34	5.2005	A	0.8
8	☐			12432.51	0.0018	P	8.9

y = 0.0010 * x + 3.3778E-005
R = 0.9999
DL = 0.01337
BEC = 0.03242

Weight: <None>
Min Conc: 0

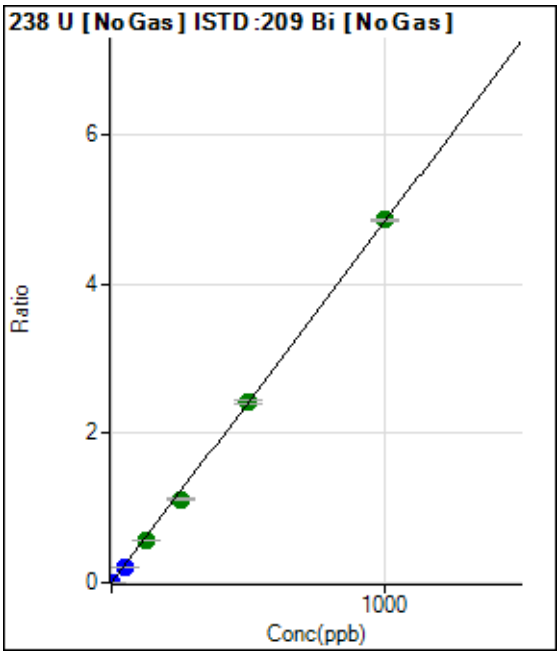
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1303.37	0.0002	P	4.3
2	☐	1.000	0.975	37736.36	0.0048	P	1.7
3	☐	250.000	246.382	9356550.50	1.1598	A	0.3
4	☐	625.000	624.374	23795958.40	2.9388	A	0.5
5	☐	1250.000	1215.182	46389028.20	5.7195	A	2.4
6	☐	2500.000	2527.501	92364922.79	11.8960	A	3.0
7	☐	5000.000	4995.213	183495095.60	23.5105	A	0.7
8	☐			55506.56	0.0080	P	10.7

y = 0.0047 * x + 1.6509E-004
R = 1.0000
DL = 0.004501
BEC = 0.03508

Weight: <None>
Min Conc: 0

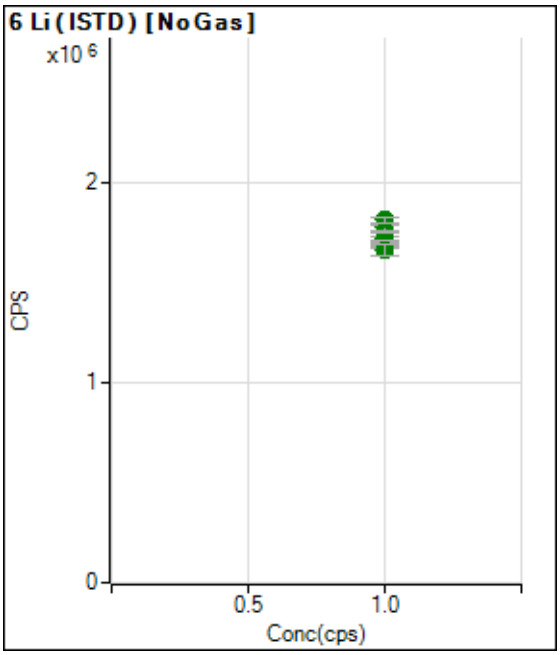


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	56.8
2	☐	1.000	0.895	34396.50	0.0043	P	1.8
3	☐	50.000	43.119	1683865.39	0.2087	P	1.5
4	☐	125.000	118.885	4659868.61	0.5755	A	1.1
5	☐	250.000	231.269	9080149.45	1.1195	A	2.6
6	☐	500.000	501.152	18838300.69	2.4260	A	2.5
7	☐	1000.000	1005.215	37979421.65	4.8661	A	0.7
8	☐			7383.32	0.0011	P	22.0

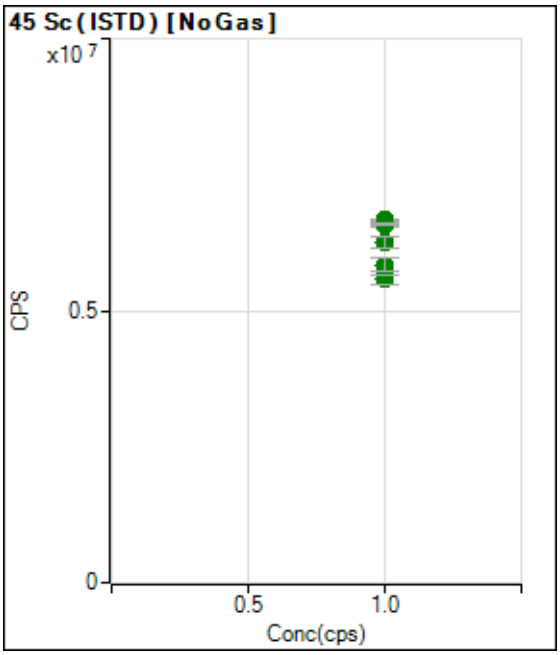
y = 0.0048 * x + 1.1228E-006
R = 0.9998
DL = 0.0003955
BEC = 0.0002319

Weight: <None>
Min Conc: 0

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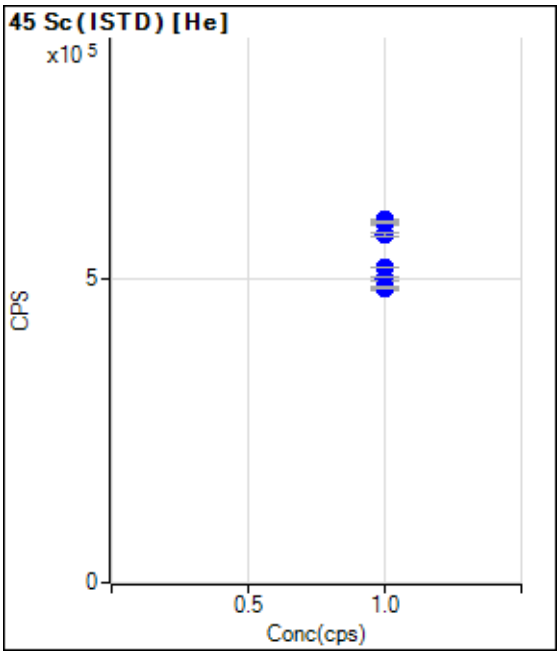


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1694229.80		A	1.9
2	☐	1.000		1718946.97		A	1.7
3	☐	1.000		1747056.95		A	1.5
4	☐	1.000		1777074.02		A	1.5
5	☐	1.000		1815047.99		A	1.6
6	☐	1.000		1716786.35		A	4.3
7	☐	1.000		1706915.16		A	0.9
8	☐	1.000		1664780.58		A	3.6

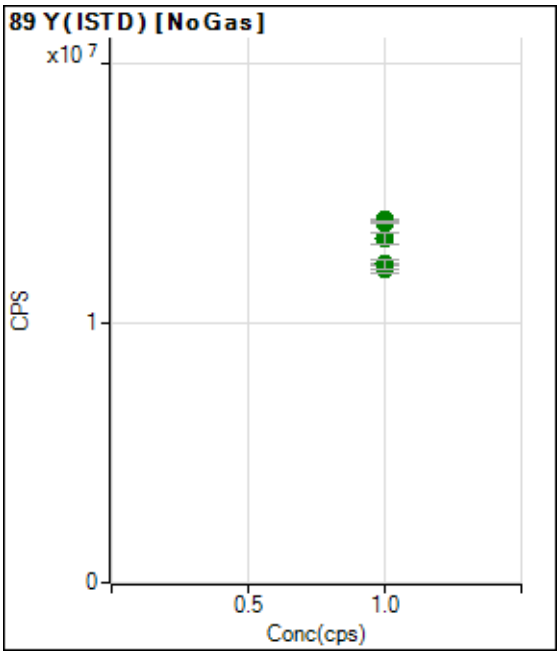


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6642528.37		A	0.3
2	☐	1.000		6587929.83		A	1.3
3	☐	1.000		6670014.55		A	0.5
4	☐	1.000		6598898.16		A	0.8
5	☐	1.000		6266154.56		A	3.4
6	☐	1.000		5575614.64		A	2.8
7	☐	1.000		5652817.76		A	0.2
8	☐	1.000		5842567.34		A	4.2

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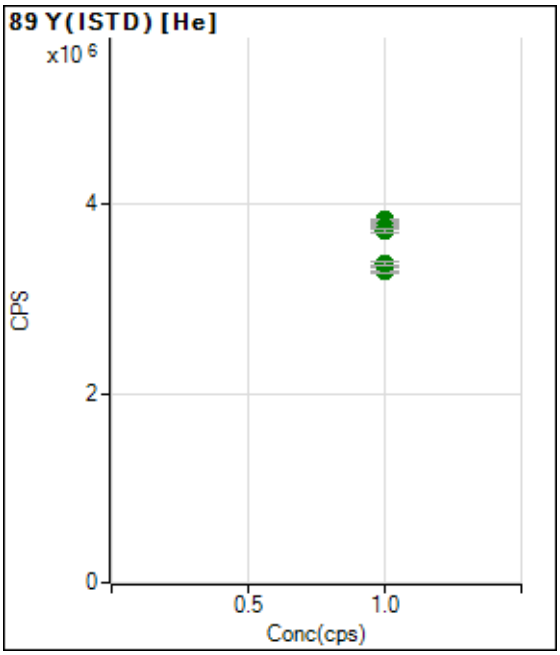


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		592280.24		P	0.5
2	☐	1.000		598379.63		P	0.3
3	☐	1.000		594868.37		P	0.4
4	☐	1.000		575232.58		P	1.2
5	☐	1.000		501625.21		P	1.1
6	☐	1.000		483980.04		P	0.3
7	☐	1.000		487450.14		P	0.3
8	☐	1.000		519115.01		P	0.1

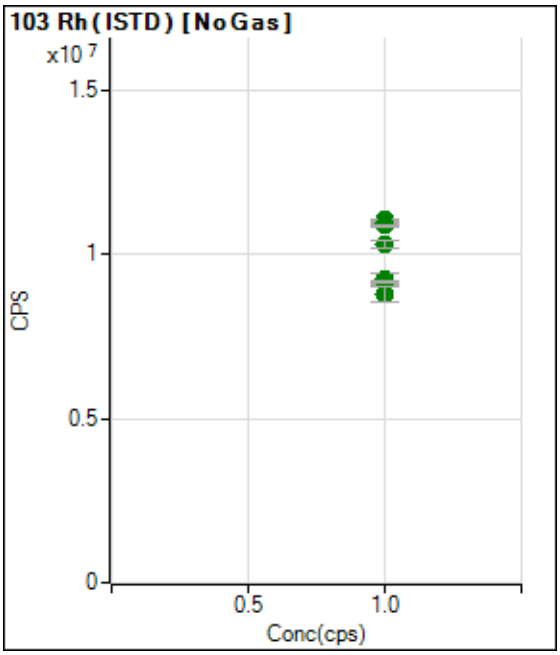


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13890455.77		A	1.0
2	☐	1.000		13872947.43		A	0.9
3	☐	1.000		13963417.99		A	0.6
4	☐	1.000		13906513.26		A	0.6
5	☐	1.000		13247836.33		A	3.2
6	☐	1.000		12057812.18		A	2.9
7	☐	1.000		12278465.09		A	0.3
8	☐	1.000		12271259.54		A	3.1

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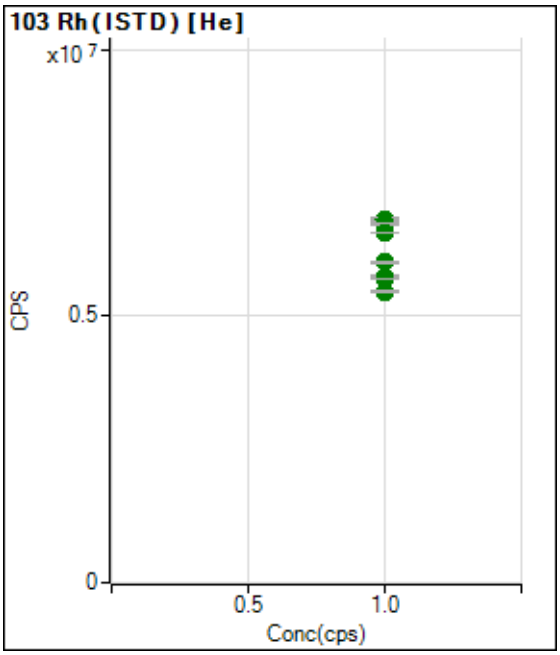


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3828367.06		A	1.0
2	☐	1.000		3838246.02		A	0.2
3	☐	1.000		3772364.25		A	0.8
4	☐	1.000		3720958.63		A	1.2
5	☐	1.000		3348664.39		A	1.0
6	☐	1.000		3293916.82		A	0.2
7	☐	1.000		3293014.85		A	0.5
8	☐	1.000		3371383.98		A	1.0

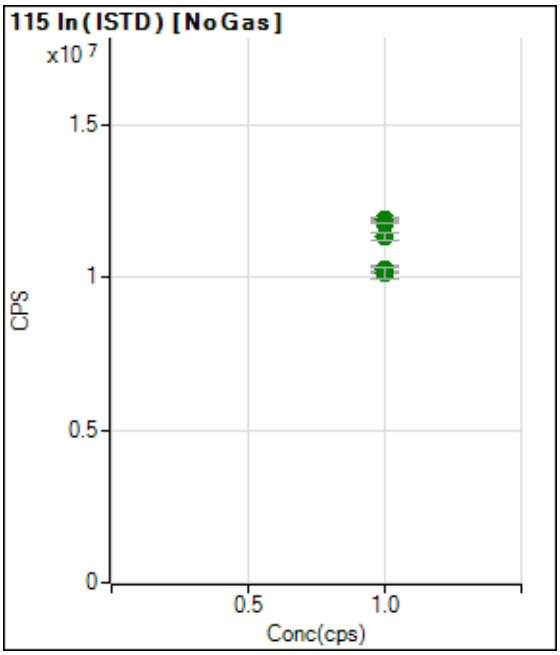


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10991170.25		A	0.2
2	☐	1.000		10982415.39		A	1.1
3	☐	1.000		11056227.20		A	0.7
4	☐	1.000		10885566.92		A	0.5
5	☐	1.000		10319097.42		A	2.7
6	☐	1.000		9254455.21		A	3.3
7	☐	1.000		9172414.72		A	0.5
8	☐	1.000		8791840.28		A	4.8

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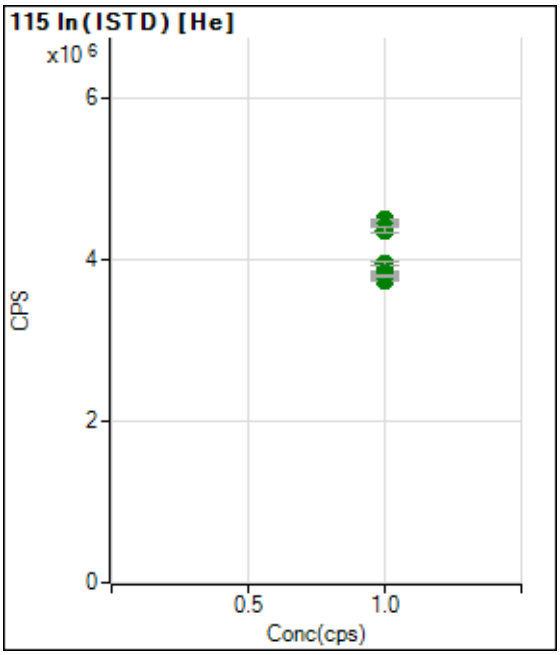


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1	☐	1.000		6793131.43		A	0.3
2	☐	1.000		6801067.75		A	0.9
3	☐	1.000		6731431.43		A	0.8
4	☐	1.000		6558537.40		A	0.5
5	☐	1.000		6009121.44		A	0.6
6	☐	1.000		5746823.73		A	1.0
7	☐	1.000		5691404.84		A	0.3
8	☐	1.000		5455781.38		A	0.4

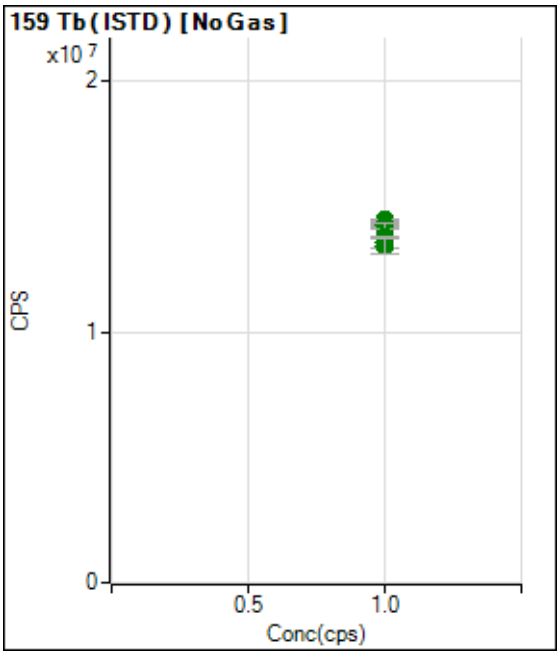


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11874820.08		A	1.1
2	☐	1.000		11824149.34		A	0.8
3	☐	1.000		11873820.93		A	1.0
4	☐	1.000		11786364.14		A	0.2
5	☐	1.000		11342123.49		A	2.5
6	☐	1.000		10259192.49		A	3.0
7	☐	1.000		10244099.36		A	1.1
8	☐	1.000		10136351.45		A	3.7

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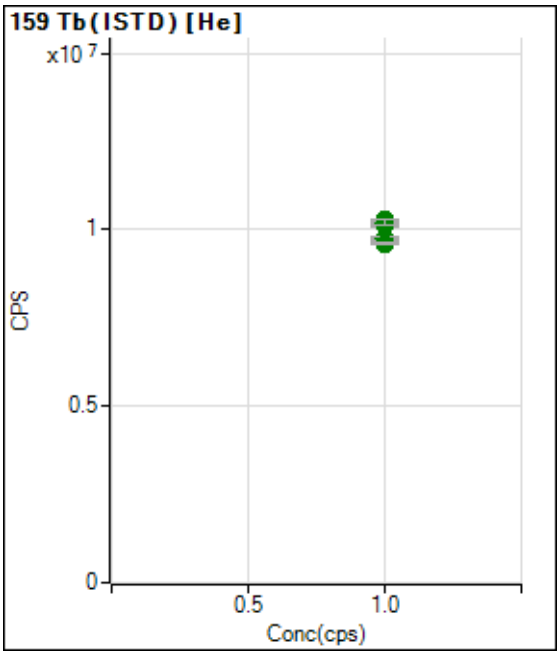


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4474689.53		A	1.1
2	☐	1.000		4491569.47		A	0.7
3	☐	1.000		4413885.91		A	0.7
4	☐	1.000		4359012.06		A	1.6
5	☐	1.000		3951140.16		A	0.9
6	☐	1.000		3839043.01		A	0.6
7	☐	1.000		3743256.40		A	0.7
8	☐	1.000		3801104.30		A	0.6

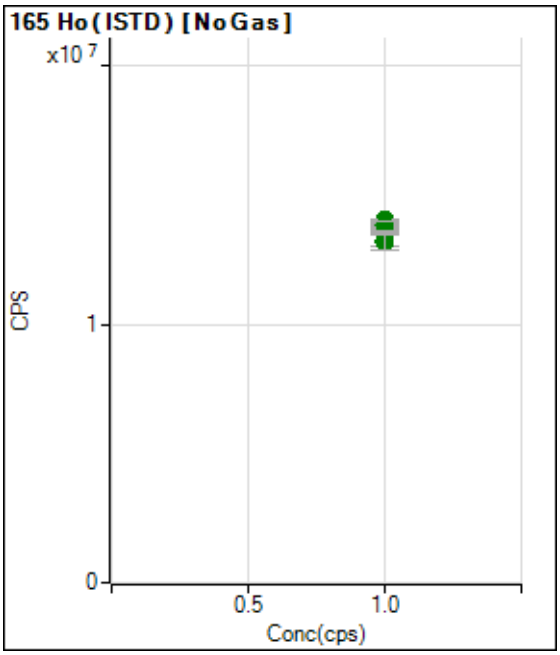


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14273211.04		A	0.4
2	☐	1.000		14177542.29		A	0.2
3	☐	1.000		14479295.06		A	0.7
4	☐	1.000		14483112.98		A	0.3
5	☐	1.000		14242980.06		A	2.0
6	☐	1.000		13555779.52		A	3.4
7	☐	1.000		13823226.60		A	0.3
8	☐	1.000		13433491.33		A	4.1

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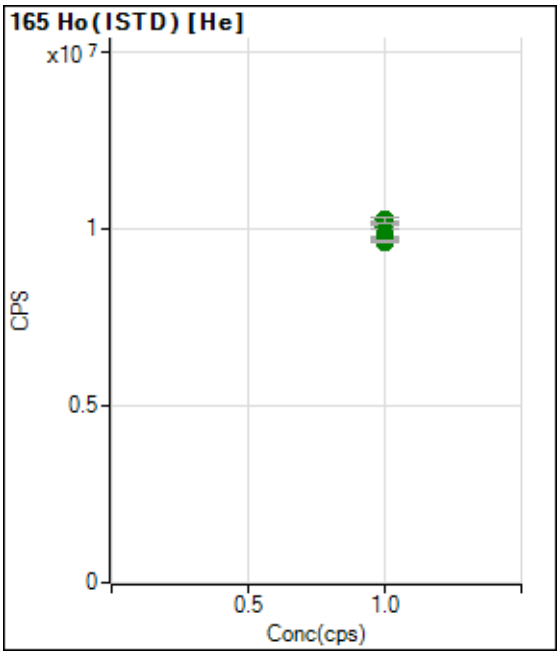


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10110838.67		A	0.9
2	☐	1.000		10273290.89		A	0.3
3	☐	1.000		10233664.99		A	0.5
4	☐	1.000		10206288.39		A	1.3
5	☐	1.000		9748617.77		A	1.2
6	☐	1.000		9725609.58		A	0.2
7	☐	1.000		9735786.66		A	0.9
8	☐	1.000		9603271.24		A	0.3

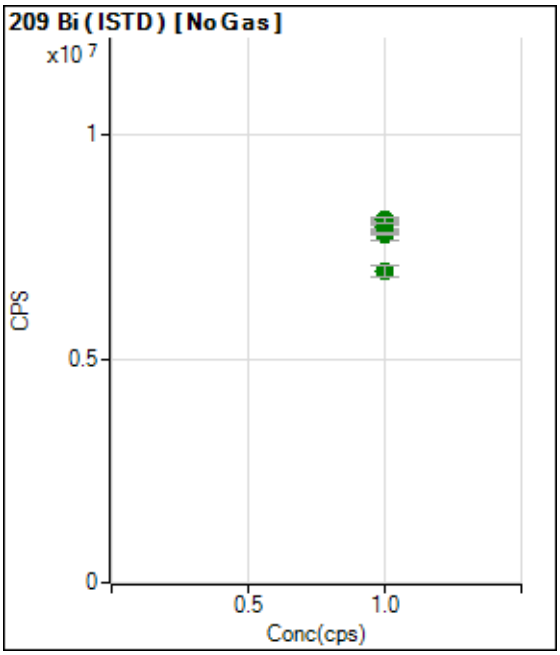


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13835410.49		A	1.3
2	☐	1.000		13767330.07		A	0.5
3	☐	1.000		14030545.62		A	0.3
4	☐	1.000		13976514.79		A	0.7
5	☐	1.000		13855477.44		A	1.9
6	☐	1.000		13241210.64		A	3.2
7	☐	1.000		13574044.10		A	0.2
8	☐	1.000		13166572.58		A	4.4

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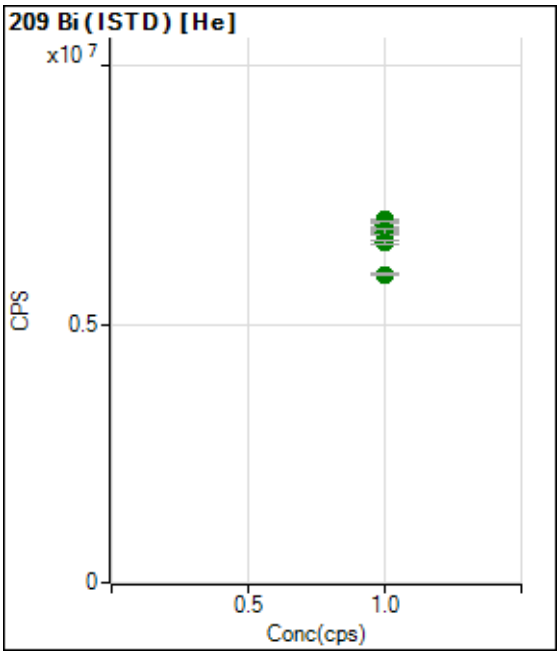


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10062582.35		A	1.2
2	☐	1.000		10184896.86		A	0.9
3	☐	1.000		10171756.24		A	1.0
4	☐	1.000		10264872.49		A	1.4
5	☐	1.000		9762886.59		A	0.7
6	☐	1.000		9780862.98		A	0.8
7	☐	1.000		9738434.99		A	0.4
8	☐	1.000		9645286.94		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7893526.69		A	0.7
2	☐	1.000		7941956.20		A	1.3
3	☐	1.000		8067521.96		A	0.7
4	☐	1.000		8097234.60		A	0.6
5	☐	1.000		8112489.67		A	1.4
6	☐	1.000		7769202.73		A	3.2
7	☐	1.000		7805061.76		A	0.7
8	☐	1.000		6960975.66		A	4.2

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6921079.00		A	0.7
2	☐	1.000		6985818.23		A	0.6
3	☐	1.000		7019977.60		A	0.9
4	☐	1.000		6980726.22		A	0.6
5	☐	1.000		6793355.80		A	0.9
6	☐	1.000		6775103.72		A	1.6
7	☐	1.000		6586026.71		A	0.8
8	☐	1.000		5967244.36		A	0.3

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7
ClientSampleId :TUNE007

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7122324MS.b
Acq. Date-Time	2024-12-23 10:04:46
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		7807	78072.60			0.564	5.000
24		246811	2468108.82			0.722	5.000
25		30340	303397.03			0.492	5.000
26		34397	343971.65			0.668	5.000
59		99131	991313.99			0.855	5.000
113		12681	126806.55			0.704	5.000
115		164586	1645864.52			1.145	5.000
206		29974	299736.11			0.409	5.000
207		25980	259800.37			0.593	5.000
208		62521	625213.62			0.641	5.000
220		0	2.60			34.401	

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

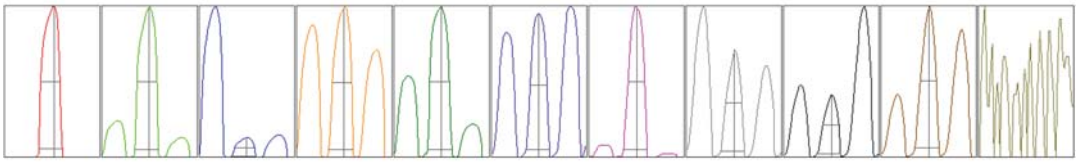
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7822	7761	7871	7812	7771
24	245599	249806	246568	245330	246751
25	30322	30102	30506	30403	30365
26	34344	34021	34534	34594	34493
59	98519	100361	98302	98864	99610
113	12795	12594	12703	12725	12587
115	166506	166646	163926	163344	162511
206	30000	29804	30103	30064	29897
207	26145	25735	26067	25964	25989
208	62835	61924	62839	62713	62296

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	13938.06	9.10	8.90 - 9.10	
24	418713.38	24.00	23.90 - 24.10	
25	52722.64	25.00	24.90 - 25.10	
26	59555.39	26.00	25.90 - 26.10	
59	171377.09	59.00	58.90 - 59.10	
113	24822.11	113.00	112.90 - 113.10	
115	317927.88	115.05	114.90 - 115.10	
206	62411.91	206.05	205.90 - 206.10	
207	53587.97	207.05	206.90 - 207.10	
208	128552.86	208.05	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.733	0.900	
24	0.63	0.742	0.900	
25	0.61	0.757	0.900	
26	0.61	0.777	0.900	
59	0.61	0.777	0.900	
113	0.52	0.741	0.900	
115	0.52	0.748	0.900	
206	0.51	0.751	0.900	
207	0.51	0.729	0.900	
208	0.50	0.774	0.900	
220				

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

Tune Parameters

Plasma Parameters

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

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7
ClientSampleId :TUNE007

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.8 V	Deflect	15.8 V
Extract 2	-135.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.4 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		33953	339530.58			0.383	
89		58512	585118.13			0.434	
205		35632	356316.59			0.265	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	34113	33943	34010	33943	33756
89	58847	58636	58510	58396	58171
205	35749	35672	35664	35562	35511

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.9 V	Deflect	3.8 V

US EPA Tune Check Report

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7
ClientSampleId :TUNE007

Extract 2	-145.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-70 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.4 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 10:59:16	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.07	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	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	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.17	-0.16	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	-0.90	-0.45	1.35	0.00	N/A	ppb
Calcium	44-1	-0.17	0.11	0.06	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	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	-0.03	0.04	0.00	N/A	ppb
Iron	57-2	-0.26	0.44	-0.17	0.00	N/A	ppb
Iron	54-2	-0.15	-0.13	0.29	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 10:59:16	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	0.06	-0.07	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-16.52	-14.37	-16.17	-15.69		ppb
Potassium	39-2	-0.49	-0.08	0.57	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.00	0.07	-0.07	0.00	N/A	ppb
Selenium	77-2	-0.16	-0.16	0.31	0.00	N/A	ppb
Selenium	78-2	0.02	1.32	-1.34	0.00	N/A	ppb
Silicon	28-1	-0.28	-0.22	0.51	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	0.23	0.30	-0.54	0.00	N/A	ppb
Strontium	86-1	-0.07	-0.40	0.47	0.00	N/A	ppb
Strontium	88-1	0.01	0.01	-0.02	0.00	N/A	ppb
Sulfur	34-1	-71.20	-105.03	-57.50	-77.91		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.00	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 10:59:16	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	-0.03	0.00	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:05:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.39	19.85	20.44	19.89	2.65	ppb
Antimony	121-1	2.19	2.28	2.21	2.23	1.99	ppb
Arsenic	75-2	1.06	1.13	1.21	1.13	6.40	ppb
Barium	135-1	10.74	10.67	10.78	10.73	0.51	ppb
Barium	137-1	10.85	10.85	10.96	10.89	0.58	ppb
Beryllium	9-1	1.25	1.09	1.18	1.17	6.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.77	1.25	1.20	1.07	24.31	ppb
Cadmium	106-1	1.83	0.47	0.94	1.08	63.82	ppb
Cadmium	111-1	1.23	1.20	1.16	1.20	3.25	ppb
Calcium	43-1	586.75	600.29	575.59	587.54	2.10	ppb
Calcium	44-1	577.85	591.05	589.97	586.29	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.23	2.20	2.14	2.19	2.14	ppb
Cobalt	59-2	1.15	1.14	1.12	1.14	1.02	ppb
Copper	63-2	2.07	2.10	2.05	2.07	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	56.15	56.77	56.49	56.47	0.55	ppb
Iron	57-2	57.77	56.91	59.82	58.17	2.56	ppb
Iron	54-2	60.92	59.43	59.88	60.08	1.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:05:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	1.02	1.00	0.99	3.09	ppb
Lead	207-1	0.96	0.98	0.99	0.98	1.50	ppb
Lead	208-1	0.96	0.99	0.98	0.97	1.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	521.90	522.26	522.55	522.24	0.06	ppb
Manganese	55-2	1.06	1.16	1.09	1.11	4.31	ppb
Molybdenum	94-1	6.07	6.12	6.41	6.20	2.99	ppb
Molybdenum	95-1	5.12	5.18	5.25	5.19	1.24	ppb
Molybdenum	96-1	5.33	5.28	5.51	5.37	2.27	ppb
Molybdenum	97-1	5.31	5.27	5.25	5.28	0.57	ppb
Molybdenum	98-1	5.26	5.17	5.18	5.20	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.99	1.14	1.09	7.71	ppb
Phosphorus	31-2	12.23	13.44	21.39	15.69	31.69	ppb
Potassium	39-2	550.16	549.24	550.86	550.09	0.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.72	5.38	5.57	5.56	3.08	ppb
Selenium	77-2	6.62	5.67	6.12	6.14	7.70	ppb
Selenium	78-2	3.53	6.14	5.41	5.03	26.74	ppb
Silicon	28-1	2.35	21.23	21.17	14.92	72.99	ppb
Silver	107-1	1.13	1.15	1.14	1.14	1.11	ppb
Silver	109-1	1.16	1.11	1.17	1.15	3.08	ppb
Sodium	23-2	508.32	511.77	509.87	509.99	0.34	ppb
Strontium	86-1	25.25	25.44	26.87	25.85	3.43	ppb
Strontium	88-1	26.93	26.23	26.51	26.55	1.32	ppb
Sulfur	34-1	-44.19	127.45	150.46	77.91	136.52	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.95	0.99	0.97	2.11	ppb
Thallium	205-1	0.95	0.93	0.99	0.96	2.88	ppb
Tin	118-1	5.64	5.68	5.58	5.63	0.81	ppb
Titanium	47-1	5.53	5.27	5.36	5.39	2.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:05:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.91	0.89	0.89	1.82	ppb
Vanadium	51-2	5.44	5.42	5.44	5.43	0.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	5.33	5.60	5.28	5.40	3.20	ppb
Zirconium	90-1	1.02	1.03	1.03	1.03	0.43	ppb
Zirconium	91-1	0.98	1.05	1.06	1.03	4.17	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:09:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	978.26	973.48	963.60	971.78	0.77	ppb
Antimony	121-1	50.63	51.35	51.68	51.22	1.04	ppb
Arsenic	75-2	53.61	54.11	53.53	53.75	0.58	ppb
Barium	135-1	248.80	252.55	251.66	251.00	0.78	ppb
Barium	137-1	251.14	255.37	255.13	253.88	0.94	ppb
Beryllium	9-1	53.90	54.36	55.32	54.53	1.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.86	55.33	56.75	55.65	1.76	ppb
Cadmium	106-1	54.39	56.67	57.60	56.22	2.94	ppb
Cadmium	111-1	53.06	53.96	54.49	53.84	1.34	ppb
Calcium	43-1	5446.16	5453.18	5432.50	5443.95	0.19	ppb
Calcium	44-1	5170.14	5122.18	5083.82	5125.38	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.36	50.70	50.09	50.72	1.26	ppb
Cobalt	59-2	50.55	50.19	49.92	50.22	0.63	ppb
Copper	63-2	528.81	520.05	518.32	522.39	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2572.09	2563.10	2538.68	2557.96	0.68	ppb
Iron	57-2	2646.55	2628.32	2622.21	2632.36	0.48	ppb
Iron	54-2	2716.25	2678.70	2679.26	2691.40	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:09:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	245.53	245.73	243.49	244.92	0.51	ppb
Lead	207-1	246.76	244.69	248.03	246.50	0.68	ppb
Lead	208-1	245.71	247.13	246.30	246.38	0.29	ppb
Lithium	6-1				103		%
Magnesium	24-2	4693.78	4723.98	4684.85	4700.87	0.44	ppb
Manganese	55-2	498.66	499.37	493.78	497.27	0.61	ppb
Molybdenum	94-1	495.47	499.16	502.83	499.15	0.74	ppb
Molybdenum	95-1	498.54	491.98	506.72	499.08	1.48	ppb
Molybdenum	96-1	495.62	496.51	507.46	499.86	1.32	ppb
Molybdenum	97-1	498.68	500.65	508.48	502.60	1.03	ppb
Molybdenum	98-1	493.18	493.40	508.85	498.48	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.15	51.25	50.46	50.95	0.84	ppb
Phosphorus	31-2	1031.47	1018.43	1044.03	1031.31	1.24	ppb
Potassium	39-2	2554.76	2543.07	2457.54	2518.46	2.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	51.42	52.64	52.68	52.25	1.37	ppb
Selenium	77-2	49.06	56.01	54.43	53.17	6.86	ppb
Selenium	78-2	52.86	54.17	56.01	54.35	2.91	ppb
Silicon	28-1	71.99	69.80	71.65	71.15	1.66	ppb
Silver	107-1	54.37	55.23	55.34	54.98	0.97	ppb
Silver	109-1	53.37	53.80	54.60	53.92	1.15	ppb
Sodium	23-2	4967.74	4975.96	4866.45	4936.72	1.24	ppb
Strontium	86-1	1226.77	1236.32	1237.35	1233.48	0.47	ppb
Strontium	88-1	1224.71	1244.48	1252.92	1240.70	1.17	ppb
Sulfur	34-1	1056.54	1073.15	1143.11	1090.93	4.21	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	45.21	45.74	46.30	45.75	1.20	ppb
Thallium	205-1	44.82	45.22	45.95	45.33	1.26	ppb
Tin	118-1	50.96	51.94	52.09	51.66	1.19	ppb
Titanium	47-1	501.37	499.39	502.40	501.05	0.30	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:09:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.51	43.03	43.82	43.12	1.53	ppb
Vanadium	51-2	50.61	50.37	49.91	50.30	0.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	500.52	491.59	491.33	494.48	1.06	ppb
Zirconium	90-1	48.58	48.72	49.03	48.78	0.47	ppb
Zirconium	91-1	48.73	49.61	49.95	49.43	1.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:12:08	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2423.88	2468.64	2480.70	2457.74	1.22	ppb
Antimony	121-1	132.60	132.26	132.50	132.45	0.13	ppb
Arsenic	75-2	133.66	133.29	134.49	133.81	0.46	ppb
Barium	135-1	655.90	667.25	660.56	661.24	0.86	ppb
Barium	137-1	666.20	673.15	664.00	667.78	0.72	ppb
Beryllium	9-1	134.51	138.24	132.33	135.03	2.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.39	138.13	137.82	138.11	0.20	ppb
Cadmium	106-1	138.77	140.55	139.07	139.46	0.68	ppb
Cadmium	111-1	133.74	135.52	133.45	134.24	0.84	ppb
Calcium	43-1	13619.93	13538.18	13876.97	13678.36	1.29	ppb
Calcium	44-1	12951.14	12964.57	12936.96	12950.89	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.24	128.35	128.96	128.18	0.68	ppb
Cobalt	59-2	125.47	127.47	127.28	126.74	0.87	ppb
Copper	63-2	1275.97	1299.68	1327.22	1300.95	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	6442.29	6578.09	6474.88	6498.42	1.09	ppb
Iron	57-2	6560.70	6698.31	6670.40	6643.14	1.10	ppb
Iron	54-2	6559.35	6710.17	6674.13	6647.88	1.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:12:08	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	631.45	615.88	625.91	624.41	1.26	ppb
Lead	207-1	631.76	625.56	628.65	628.66	0.49	ppb
Lead	208-1	626.69	621.01	625.42	624.37	0.48	ppb
Lithium	6-1				105		%
Magnesium	24-2	11701.54	11819.62	11806.81	11775.99	0.55	ppb
Manganese	55-2	1248.19	1267.89	1262.30	1259.46	0.81	ppb
Molybdenum	94-1	1266.19	1251.27	1258.76	1258.74	0.59	ppb
Molybdenum	95-1	1261.09	1249.83	1252.22	1254.38	0.47	ppb
Molybdenum	96-1	1260.94	1259.78	1272.69	1264.47	0.56	ppb
Molybdenum	97-1	1273.23	1244.00	1247.58	1254.93	1.27	ppb
Molybdenum	98-1	1265.09	1248.21	1254.19	1255.83	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.27	127.75	129.12	128.04	0.75	ppb
Phosphorus	31-2	2621.37	2611.49	2634.02	2622.29	0.43	ppb
Potassium	39-2	6253.70	6341.49	6316.98	6304.06	0.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	133.00	130.73	131.58	131.77	0.87	ppb
Selenium	77-2	129.95	132.30	130.00	130.75	1.03	ppb
Selenium	78-2	138.64	129.98	135.76	134.79	3.27	ppb
Silicon	28-1	150.54	151.92	152.27	151.58	0.61	ppb
Silver	107-1	140.71	139.48	138.88	139.69	0.67	ppb
Silver	109-1	141.12	141.65	136.42	139.73	2.06	ppb
Sodium	23-2	12542.87	12519.66	12615.93	12559.49	0.40	ppb
Strontium	86-1	3087.41	3087.83	3098.83	3091.35	0.21	ppb
Strontium	88-1	3192.98	3138.41	3155.89	3162.43	0.88	ppb
Sulfur	34-1	2615.79	2641.96	2671.47	2643.07	1.05	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	114.17	114.35	115.74	114.75	0.75	ppb
Thallium	205-1	123.45	123.51	124.00	123.65	0.24	ppb
Tin	118-1	129.22	129.70	128.96	129.29	0.29	ppb
Titanium	47-1	1253.63	1258.85	1275.73	1262.74	0.91	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:12:08	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.18	117.49	119.99	118.89	1.07	ppb
Vanadium	51-2	126.13	128.60	127.73	127.49	0.98	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1241.39	1255.65	1259.77	1252.27	0.77	ppb
Zirconium	90-1	125.88	122.94	126.72	125.18	1.59	ppb
Zirconium	91-1	123.86	123.74	124.67	124.09	0.41	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:14:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4756.29	4820.85	4835.90	4804.35	0.88	ppb
Antimony	121-1	247.69	255.32	260.18	254.40	2.47	ppb
Arsenic	75-2	254.07	256.25	253.86	254.73	0.52	ppb
Barium	135-1	1229.27	1277.93	1269.39	1258.86	2.06	ppb
Barium	137-1	1222.20	1276.01	1286.86	1261.69	2.74	ppb
Beryllium	9-1	247.64	250.76	255.83	251.41	1.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	255.05	263.91	263.78	260.91	1.95	ppb
Cadmium	106-1	254.53	265.95	264.94	261.81	2.42	ppb
Cadmium	111-1	246.91	257.25	256.13	253.43	2.24	ppb
Calcium	43-1	25783.20	26913.01	26883.92	26526.71	2.43	ppb
Calcium	44-1	24683.71	25542.76	25444.32	25223.60	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.10	249.61	249.47	249.06	0.33	ppb
Cobalt	59-2	251.00	253.27	248.72	250.99	0.91	ppb
Copper	63-2	2521.03	2553.80	2528.49	2534.44	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	12761.22	12869.38	12708.32	12779.64	0.64	ppb
Iron	57-2	12756.31	13165.12	13112.54	13011.32	1.71	ppb
Iron	54-2	13061.19	12939.35	13082.92	13027.82	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:14:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1175.36	1232.61	1225.96	1211.31	2.58	ppb
Lead	207-1	1179.29	1220.17	1239.29	1212.92	2.53	ppb
Lead	208-1	1181.56	1229.39	1234.59	1215.18	2.41	ppb
Lithium	6-1				107		%
Magnesium	24-2	23205.57	23341.09	23401.54	23316.06	0.43	ppb
Manganese	55-2	2487.85	2491.98	2513.44	2497.76	0.55	ppb
Molybdenum	94-1	2376.13	2524.92	2476.58	2459.21	3.09	ppb
Molybdenum	95-1	2381.37	2526.76	2495.53	2467.89	3.10	ppb
Molybdenum	96-1	2386.42	2529.96	2488.03	2468.14	2.99	ppb
Molybdenum	97-1	2354.26	2492.90	2498.32	2448.49	3.33	ppb
Molybdenum	98-1	2368.49	2510.43	2502.06	2460.32	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.84	247.73	246.59	246.72	0.39	ppb
Phosphorus	31-2	4962.50	5054.96	5010.11	5009.19	0.92	ppb
Potassium	39-2	12049.07	12170.15	12231.56	12150.26	0.76	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				85		%
Selenium	82-1	246.72	257.21	259.34	254.43	2.66	ppb
Selenium	77-2	250.58	257.37	266.51	258.15	3.10	ppb
Selenium	78-2	261.38	253.22	253.54	256.05	1.81	ppb
Silicon	28-1	268.04	289.31	284.73	280.69	3.99	ppb
Silver	107-1	259.90	269.55	266.61	265.35	1.86	ppb
Silver	109-1	259.71	266.74	263.74	263.40	1.34	ppb
Sodium	23-2	24422.23	24720.84	24927.79	24690.29	1.03	ppb
Strontium	86-1	5811.05	6116.13	6117.79	6014.99	2.94	ppb
Strontium	88-1	5928.44	6203.81	6087.83	6073.36	2.28	ppb
Sulfur	34-1	4670.08	5143.11	5102.41	4971.86	5.27	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	236.40	242.06	243.52	240.66	1.56	ppb
Thallium	205-1	235.67	244.54	242.13	240.78	1.90	ppb
Tin	118-1	250.09	256.51	251.23	252.61	1.36	ppb
Titanium	47-1	2394.86	2486.50	2530.51	2470.62	2.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:14:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	224.43	235.24	234.13	231.27	2.57	ppb
Vanadium	51-2	248.35	247.55	248.23	248.04	0.17	ppb
Yttrium	89-1				95		%
Yttrium	89-2				87		%
Zinc	66-2	2507.63	2545.50	2563.62	2538.92	1.13	ppb
Zirconium	90-1	238.96	250.19	247.08	245.41	2.36	ppb
Zirconium	91-1	234.31	246.48	248.20	243.00	3.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:17:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9751.88	9706.99	9614.23	9691.03	0.72	ppb
Antimony	121-1	526.54	501.39	498.62	508.85	3.02	ppb
Arsenic	75-2	498.62	503.05	501.98	501.22	0.46	ppb
Barium	135-1	2647.20	2482.66	2506.93	2545.59	3.49	ppb
Barium	137-1	2630.74	2477.87	2499.47	2536.03	3.26	ppb
Beryllium	9-1	523.66	490.10	504.37	506.04	3.33	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	533.71	506.27	510.24	516.74	2.87	ppb
Cadmium	106-1	532.83	506.20	503.75	514.26	3.14	ppb
Cadmium	111-1	517.20	493.20	491.13	500.51	2.90	ppb
Calcium	43-1	54397.87	51435.51	52643.61	52825.66	2.82	ppb
Calcium	44-1	54164.15	51663.82	51761.84	52529.94	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.68	502.02	501.24	501.65	0.08	ppb
Cobalt	59-2	506.53	500.71	504.04	503.76	0.58	ppb
Copper	63-2	5091.34	5072.07	5033.63	5065.68	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				96		%
Holmium	165-2				97		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	25848.64	25603.56	25860.25	25770.81	0.56	ppb
Iron	57-2	26171.12	25592.50	25610.96	25791.53	1.28	ppb
Iron	54-2	26298.08	25885.28	26215.65	26133.00	0.84	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:17:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2629.27	2500.95	2458.27	2529.49	3.52	ppb
Lead	207-1	2625.11	2512.21	2464.29	2533.87	3.26	ppb
Lead	208-1	2607.62	2517.24	2457.64	2527.50	2.99	ppb
Lithium	6-1				101		%
Magnesium	24-2	46977.57	46638.62	46671.62	46762.60	0.40	ppb
Manganese	55-2	5031.60	5000.34	5054.88	5028.94	0.54	ppb
Molybdenum	94-1	5242.10	5000.86	5016.92	5086.63	2.65	ppb
Molybdenum	95-1	5254.57	4988.95	5005.93	5083.15	2.93	ppb
Molybdenum	96-1	5299.78	5019.87	4965.05	5094.90	3.52	ppb
Molybdenum	97-1	5295.18	4960.76	4965.60	5073.85	3.78	ppb
Molybdenum	98-1	5275.81	4989.21	4954.47	5073.17	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.76	491.25	488.35	489.45	0.32	ppb
Phosphorus	31-2	9980.45	10126.93	10061.31	10056.23	0.73	ppb
Potassium	39-2	24671.57	24561.64	24500.69	24577.96	0.35	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	82-1	535.58	505.44	507.25	516.09	3.27	ppb
Selenium	77-2	494.98	495.04	512.66	500.89	2.03	ppb
Selenium	78-2	505.45	503.73	503.61	504.26	0.21	ppb
Silicon	28-1	542.91	514.11	518.35	525.12	2.96	ppb
Silver	107-1	540.54	509.12	502.18	517.28	3.95	ppb
Silver	109-1	538.25	505.65	505.67	516.52	3.64	ppb
Sodium	23-2	49857.89	49422.72	49450.10	49576.91	0.49	ppb
Strontium	86-1	13394.70	12465.17	12389.62	12749.83	4.39	ppb
Strontium	88-1	13204.95	12476.07	12574.72	12751.91	3.10	ppb
Sulfur	34-1	10780.55	9938.94	10053.84	10257.77	4.45	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	523.78	496.90	496.78	505.82	3.07	ppb
Thallium	205-1	520.97	504.98	488.62	504.86	3.20	ppb
Tin	118-1	533.62	500.71	500.29	511.54	3.74	ppb
Titanium	47-1	5178.21	4955.57	5055.73	5063.17	2.20	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:17:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	515.48	496.28	491.70	501.15	2.52	ppb
Vanadium	51-2	499.42	501.58	495.49	498.83	0.62	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%
Zinc	66-2	5107.12	5102.03	5091.96	5100.37	0.15	ppb
Zirconium	90-1	520.29	500.84	502.88	508.01	2.10	ppb
Zirconium	91-1	517.39	502.95	500.21	506.85	1.82	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:20:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19422.13	19059.23	19156.96	19212.77	0.98	ppb
Antimony	121-1	990.74	1001.72	987.98	993.48	0.73	ppb
Arsenic	75-2	993.90	999.63	997.23	996.92	0.29	ppb
Barium	135-1	4990.43	4974.58	4946.21	4970.41	0.45	ppb
Barium	137-1	5023.50	4980.33	4916.74	4973.52	1.08	ppb
Beryllium	9-1	995.78	985.75	1003.91	995.15	0.91	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	980.86	986.51	993.57	986.98	0.65	ppb
Cadmium	106-1	979.25	989.06	995.09	987.80	0.81	ppb
Cadmium	111-1	999.60	991.65	1001.37	997.54	0.52	ppb
Calcium	43-1	101811.21	102683.34	102884.95	102459.83	0.56	ppb
Calcium	44-1	101698.61	102677.89	102669.31	102348.60	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1004.08	998.42	994.43	998.98	0.49	ppb
Cobalt	59-2	1000.22	991.29	1001.41	997.64	0.55	ppb
Copper	63-2	10056.02	9916.05	9881.11	9951.06	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	51426.72	51663.97	50948.54	51346.41	0.71	ppb
Iron	57-2	50928.65	51136.85	51391.55	51152.35	0.45	ppb
Iron	54-2	51561.85	51655.24	52028.74	51748.61	0.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:20:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5007.38	4978.88	4999.50	4995.25	0.29	ppb
Lead	207-1	4983.01	4959.50	5033.66	4992.05	0.76	ppb
Lead	208-1	5007.17	4955.58	5022.89	4995.21	0.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	93129.46	92576.83	92395.34	92700.54	0.41	ppb
Manganese	55-2	10024.19	10026.53	9904.42	9985.05	0.70	ppb
Molybdenum	94-1	9902.33	10022.13	9973.05	9965.84	0.60	ppb
Molybdenum	95-1	9881.63	9992.85	10023.36	9965.95	0.75	ppb
Molybdenum	96-1	9926.49	10003.20	9946.45	9958.71	0.40	ppb
Molybdenum	97-1	9937.13	9885.91	10102.58	9975.21	1.14	ppb
Molybdenum	98-1	9903.92	9955.48	10058.65	9972.68	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.75	1016.31	1007.95	1005.67	1.19	ppb
Phosphorus	31-2	20107.87	19848.50	19901.85	19952.74	0.69	ppb
Potassium	39-2	48940.09	49282.68	48735.53	48986.10	0.56	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	82-1	985.02	993.65	990.99	989.89	0.45	ppb
Selenium	77-2	988.69	1000.77	1000.44	996.63	0.69	ppb
Selenium	78-2	998.32	994.82	991.61	994.92	0.34	ppb
Silicon	28-1	980.45	974.38	971.19	975.34	0.48	ppb
Silver	107-1	986.56	988.49	981.25	985.44	0.38	ppb
Silver	109-1	985.96	987.61	985.48	986.35	0.11	ppb
Sodium	23-2	98385.31	98733.04	98753.07	98623.81	0.21	ppb
Strontium	86-1	24781.63	24988.07	25046.90	24938.87	0.56	ppb
Strontium	88-1	24807.99	24855.67	25078.31	24913.99	0.58	ppb
Sulfur	34-1	19805.76	19853.16	19908.23	19855.72	0.26	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	1001.37	1000.05	1001.33	1000.92	0.08	ppb
Thallium	205-1	1002.68	997.56	1000.60	1000.28	0.26	ppb
Tin	118-1	991.40	989.24	998.23	992.96	0.47	ppb
Titanium	47-1	9956.15	9941.40	10024.79	9974.11	0.45	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:20:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1009.07	997.32	1009.26	1005.22	0.68	ppb
Vanadium	51-2	1008.80	997.67	995.77	1000.75	0.70	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%
Zinc	66-2	10059.78	9926.23	9834.23	9940.08	1.14	ppb
Zirconium	90-1	995.27	991.65	1004.63	997.18	0.67	ppb
Zirconium	91-1	998.70	989.68	1007.03	998.47	0.87	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:23:17	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100056.97	99640.34	100901.08	100199.46	0.64	ppb
Antimony	121-1	0.64	0.63	0.57	0.61	6.36	ppb
Arsenic	75-2	0.64	0.61	0.53	0.59	9.38	ppb
Barium	135-1	2.89	2.69	2.45	2.68	8.39	ppb
Barium	137-1	2.81	2.79	2.50	2.70	6.41	ppb
Beryllium	9-1	0.36	0.31	0.31	0.32	8.09	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.71	0.43	0.52	31.24	ppb
Cadmium	106-1	-1.02	-0.25	-0.60	-0.62		ppb
Cadmium	111-1	0.22	0.23	0.21	0.22	4.75	ppb
Calcium	43-1	470444.93	517213.20	509687.30	499115.15	5.03	ppb
Calcium	44-1	473953.28	512752.71	511054.49	499253.49	4.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.30	1.22	1.28	1.27	3.25	ppb
Cobalt	59-2	2.46	2.48	2.54	2.49	1.83	ppb
Copper	63-2	1.95	1.77	1.70	1.80	7.11	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				95		%
Holmium	165-2				96		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	249046.45	249758.50	250093.63	249632.86	0.21	ppb
Iron	57-2	248166.08	249116.92	251677.97	249653.66	0.73	ppb
Iron	54-2	248371.34	251217.33	248907.51	249498.72	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:23:17	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.85	1.65	1.47	1.66	11.64	ppb
Lead	207-1	1.82	1.70	1.52	1.68	9.02	ppb
Lead	208-1	1.83	1.66	1.47	1.65	10.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	502102.86	502054.27	501509.57	501888.90	0.07	ppb
Manganese	55-2	5.11	4.46	4.26	4.61	9.67	ppb
Molybdenum	94-1	4.14	3.76	3.17	3.69	13.30	ppb
Molybdenum	95-1	3.27	2.79	2.23	2.76	18.88	ppb
Molybdenum	96-1	4.91	4.48	3.88	4.43	11.69	ppb
Molybdenum	97-1	3.13	2.80	2.26	2.73	16.17	ppb
Molybdenum	98-1	3.11	2.71	2.19	2.67	17.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.17	3.30	3.13	3.20	2.84	ppb
Phosphorus	31-2	-4.23	-8.79	-10.47	-7.83		ppb
Potassium	39-2	249481.06	250188.45	251113.00	250260.83	0.33	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	0.88	0.98	1.06	0.97	9.42	ppb
Selenium	77-2	-0.16	0.02	0.02	-0.04		ppb
Selenium	78-2	-1.22	-0.94	-1.39	-1.18		ppb
Silicon	28-1	-2.25	2.65	1.43	0.61	420.07	ppb
Silver	107-1	0.31	0.27	0.22	0.27	17.62	ppb
Silver	109-1	0.30	0.27	0.22	0.26	16.25	ppb
Sodium	23-2	495608.51	502215.58	503172.42	500332.17	0.82	ppb
Strontium	86-1	70.65	77.07	73.36	73.70	4.37	ppb
Strontium	88-1	74.37	76.65	75.89	75.64	1.54	ppb
Sulfur	34-1	-659.34	-371.62	-292.20	-441.06		ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.27	0.21	0.19	0.22	18.07	ppb
Thallium	205-1	0.26	0.22	0.18	0.22	17.49	ppb
Tin	118-1	0.41	0.40	0.33	0.38	11.49	ppb
Titanium	47-1	3.12	2.72	2.17	2.67	17.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:23:17	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.22	0.17	0.22	21.98	ppb
Vanadium	51-2	0.22	0.21	0.20	0.21	4.93	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	6.99	6.82	6.81	6.87	1.45	ppb
Zirconium	90-1	0.73	0.73	0.66	0.71	6.09	ppb
Zirconium	91-1	0.76	0.72	0.66	0.71	7.13	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICV007	Instrumnet Name :	P7
Client Sample ID :	ICV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:06:59	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	477.31	474.07	474.05	475.15	0.40	ppb
Antimony	121-1	212.53	210.86	215.03	212.81	0.99	ppb
Arsenic	75-2	215.17	218.71	218.60	217.49	0.92	ppb
Barium	135-1	99.82	100.43	100.89	100.38	0.53	ppb
Barium	137-1	101.33	101.86	102.31	101.83	0.48	ppb
Beryllium	9-1	106.22	109.98	105.39	107.20	2.28	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.73	97.55	100.45	97.91	2.43	ppb
Cadmium	106-1	94.30	93.66	96.55	94.84	1.60	ppb
Cadmium	111-1	107.66	107.22	108.49	107.79	0.60	ppb
Calcium	43-1	2100.13	2098.90	2092.76	2097.26	0.19	ppb
Calcium	44-1	2114.85	2131.20	2109.10	2118.38	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.25	103.53	104.62	103.80	0.70	ppb
Cobalt	59-2	102.30	102.02	102.77	102.36	0.37	ppb
Copper	63-2	97.46	96.99	97.52	97.32	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	2025.65	2012.69	2041.12	2026.49	0.70	ppb
Iron	57-2	2085.50	2089.97	2076.00	2083.82	0.34	ppb
Iron	54-2	2176.10	2171.60	2169.47	2172.39	0.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICV007	Instrumnet Name :	P7
Client Sample ID :	ICV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:06:59	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	204.87	199.68	202.64	202.39	1.29	ppb
Lead	207-1	177.90	178.48	181.24	179.21	1.00	ppb
Lead	208-1	194.18	193.37	194.91	194.15	0.40	ppb
Lithium	6-1				106		%
Magnesium	24-2	1106.35	1100.31	1105.70	1104.12	0.30	ppb
Manganese	55-2	100.36	100.96	100.38	100.57	0.34	ppb
Molybdenum	94-1	0.02	0.03	0.01	0.02	57.71	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	11.60	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	18.72	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	7.10	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	12.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.17	104.50	104.62	104.76	0.34	ppb
Phosphorus	31-2	-12.15	-12.66	-17.37	-14.06		ppb
Potassium	39-2	1926.10	1924.85	2025.88	1958.94	2.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	216.99	219.95	216.70	217.88	0.82	ppb
Selenium	77-2	224.77	224.59	227.88	225.75	0.82	ppb
Selenium	78-2	216.27	223.69	225.10	221.69	2.14	ppb
Silicon	28-1	-7.72	-7.29	-7.70	-7.57		ppb
Silver	107-1	50.85	51.57	52.27	51.57	1.38	ppb
Silver	109-1	50.74	51.48	51.65	51.29	0.94	ppb
Sodium	23-2	1946.08	1935.58	1914.69	1932.12	0.83	ppb
Strontium	86-1	5.74	5.59	5.71	5.68	1.41	ppb
Strontium	88-1	6.00	5.81	6.05	5.95	2.12	ppb
Sulfur	34-1	-143.00	-101.77	-112.50	-119.09		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	200.59	197.44	201.19	199.74	1.01	ppb
Thallium	205-1	197.34	198.31	198.37	198.01	0.29	ppb
Tin	118-1	0.01	0.01	0.01	0.01	4.42	ppb
Titanium	47-1	0.02	0.02	0.00	0.01	93.22	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICV007	Instrumnet Name :	P7
Client Sample ID :	ICV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:06:59	DataFile Name :	017ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	39.53	ppb
Vanadium	51-2	101.01	100.84	100.62	100.82	0.19	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	198.54	197.78	196.51	197.61	0.52	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	25.22	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	17.14	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICB007	Instrumnet Name :	P7
Client Sample ID :	ICB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:25:40	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.07	0.01	0.06	71.31	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	18.62	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	188.07	ppb
Beryllium	9-1	0.00	-0.03	0.00	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.02	0.03	0.04	74.09	ppb
Cadmium	106-1	-1.12	-1.42	-1.15	-1.23		ppb
Cadmium	111-1	-0.08	-0.10	-0.09	-0.09		ppb
Calcium	43-1	4.21	2.40	3.24	3.29	27.52	ppb
Calcium	44-1	-1.79	-1.11	-1.22	-1.37		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	-0.01	0.01	0.01	190.21	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				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	-0.09	-0.03	-0.07	-0.06		ppb
Iron	57-2	0.22	0.78	0.57	0.52	53.70	ppb
Iron	54-2	1.07	0.68	0.71	0.82	26.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICB007	Instrumnet Name :	P7
Client Sample ID :	ICB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:25:40	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	0.00	0.00	106.85	ppb
Lead	207-1	0.01	0.01	0.01	0.01	14.22	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.21	0.18	0.11	0.17	31.04	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00		ppb
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	56.51	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	59.98	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00		ppb
Phosphorus	31-2	-17.14	-16.36	-13.34	-15.61		ppb
Potassium	39-2	1.47	2.04	2.24	1.92	20.63	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.29	-0.31	-0.45	-0.35		ppb
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	-0.65	-1.86	-0.79	-1.10		ppb
Silicon	28-1	-4.74	-4.80	-5.57	-5.04		ppb
Silver	107-1	0.00	0.01	0.00	0.01	29.10	ppb
Silver	109-1	0.01	0.00	0.01	0.01	29.14	ppb
Sodium	23-2	-0.02	0.05	0.03	0.02	192.15	ppb
Strontium	86-1	-0.01	0.15	-0.27	-0.04		ppb
Strontium	88-1	0.03	-0.02	-0.01	0.00		ppb
Sulfur	34-1	167.91	107.31	53.55	109.59	52.21	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.00	0.00	856.91	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	92.71	ppb
Tin	118-1	0.01	0.02	0.01	0.01	48.58	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00		ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICB007	Instrumnet Name :	P7
Client Sample ID :	ICB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:25:40	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	73.35	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	477.26	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.04	0.02	0.04	0.03	33.14	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	398.64	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSA007	Instrumnet Name :	P7
Client Sample ID :	ICSA007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:29:38	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93288.72	93231.23	93599.84	93373.26	0.21	ppb
Antimony	121-1	1.12	1.11	1.11	1.11	0.74	ppb
Arsenic	75-2	0.30	0.37	0.38	0.35	11.92	ppb
Barium	135-1	1.45	1.34	1.39	1.40	4.00	ppb
Barium	137-1	1.40	1.42	1.43	1.42	0.80	ppb
Beryllium	9-1	0.31	0.28	0.30	0.30	5.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.74	9.37	8.88	9.33	4.67	ppb
Cadmium	106-1	-1.62	-2.41	-2.65	-2.22		ppb
Cadmium	111-1	0.26	0.23	0.17	0.22	19.37	ppb
Calcium	43-1	103466.27	102323.46	105595.69	103795.14	1.60	ppb
Calcium	44-1	103058.98	101867.83	105154.91	103360.57	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.69	20.87	20.78	20.78	0.42	ppb
Cobalt	59-2	1.31	1.19	1.27	1.26	4.69	ppb
Copper	63-2	7.30	7.19	7.15	7.22	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	107012.82	104547.86	105416.03	105658.91	1.18	ppb
Iron	57-2	106049.52	104501.31	104891.57	105147.46	0.77	ppb
Iron	54-2	105830.05	105004.62	104986.88	105273.85	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSA007	Instrumnet Name :	P7
Client Sample ID :	ICSA007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:29:38	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.78	4.91	4.98	4.89	2.01	ppb
Lead	207-1	4.30	4.43	4.41	4.38	1.62	ppb
Lead	208-1	4.49	4.59	4.59	4.56	1.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	95440.82	94504.69	94140.44	94695.32	0.71	ppb
Manganese	55-2	8.46	8.38	8.26	8.36	1.20	ppb
Molybdenum	94-1	1639.01	1629.20	1647.97	1638.73	0.57	ppb
Molybdenum	95-1	1996.84	2006.22	2033.96	2012.34	0.96	ppb
Molybdenum	96-1	1982.92	2008.00	1993.10	1994.68	0.63	ppb
Molybdenum	97-1	1986.85	2043.13	2025.13	2018.37	1.42	ppb
Molybdenum	98-1	2003.53	2031.76	2019.23	2018.17	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	5.48	5.37	5.46	1.41	ppb
Phosphorus	31-2	103879.63	102850.30	103763.66	103497.86	0.54	ppb
Potassium	39-2	100085.54	99936.03	100529.74	100183.77	0.31	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	-0.08	-0.23	-0.23	-0.18		ppb
Selenium	77-2	0.02	0.19	0.19	0.13	73.67	ppb
Selenium	78-2	-1.12	-1.57	-1.19	-1.29		ppb
Silicon	28-1	-3.68	-5.02	-3.67	-4.13		ppb
Silver	107-1	0.05	0.04	0.03	0.04	24.72	ppb
Silver	109-1	0.05	0.04	0.04	0.04	14.54	ppb
Sodium	23-2	100408.10	100464.99	100167.65	100346.92	0.16	ppb
Strontium	86-1	860.09	861.29	859.90	860.43	0.09	ppb
Strontium	88-1	852.18	861.26	863.25	858.90	0.69	ppb
Sulfur	34-1	103256.55	101879.85	104626.57	103254.32	1.33	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.10	0.10	0.10	0.10	2.56	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	9.62	ppb
Tin	118-1	0.24	0.23	0.21	0.23	6.83	ppb
Titanium	47-1	2060.97	2042.92	2073.92	2059.27	0.76	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSA007	Instrumnet Name :	P7
Client Sample ID :	ICSA007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:29:38	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	5.38	ppb
Vanadium	51-2	0.17	0.18	0.16	0.17	6.08	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	11.28	11.55	11.43	11.42	1.17	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	24.61	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	12.15	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSAB007	Instrumnet Name :	P7
Client Sample ID :	ICSAB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:32:42	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91965.04	90983.78	92105.70	91684.84	0.67	ppb
Antimony	121-1	19.82	21.10	21.35	20.76	3.96	ppb
Arsenic	75-2	20.97	21.65	21.45	21.36	1.64	ppb
Barium	135-1	19.80	20.86	21.14	20.60	3.45	ppb
Barium	137-1	19.97	21.69	21.72	21.13	4.75	ppb
Beryllium	9-1	20.42	21.54	21.13	21.03	2.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.46	27.23	26.23	25.97	5.40	ppb
Cadmium	106-1	14.68	15.96	15.91	15.52	4.66	ppb
Cadmium	111-1	18.40	19.94	20.11	19.48	4.84	ppb
Calcium	43-1	97190.00	103881.55	104064.39	101711.98	3.85	ppb
Calcium	44-1	96309.68	102850.59	105002.21	101387.50	4.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.99	40.92	40.96	40.95	0.08	ppb
Cobalt	59-2	21.49	21.16	21.36	21.34	0.78	ppb
Copper	63-2	26.17	25.68	25.88	25.91	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				103		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	103515.61	103586.22	103774.75	103625.53	0.13	ppb
Iron	57-2	103669.26	101246.17	102457.31	102457.58	1.18	ppb
Iron	54-2	103956.41	104349.14	103607.56	103971.04	0.36	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSAB007	Instrumnet Name :	P7
Client Sample ID :	ICSAB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:32:42	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.29	24.65	24.77	24.24	3.39	ppb
Lead	207-1	22.07	23.16	23.18	22.80	2.79	ppb
Lead	208-1	22.55	23.55	23.61	23.24	2.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	93590.59	92518.51	93439.60	93182.90	0.62	ppb
Manganese	55-2	28.16	27.90	28.43	28.16	0.94	ppb
Molybdenum	94-1	1536.17	1646.73	1629.61	1604.17	3.71	ppb
Molybdenum	95-1	1862.89	1979.68	1982.27	1941.61	3.51	ppb
Molybdenum	96-1	1856.94	1947.61	1969.38	1924.64	3.10	ppb
Molybdenum	97-1	1873.82	1964.92	2004.80	1947.85	3.45	ppb
Molybdenum	98-1	1885.96	1964.56	2002.63	1951.05	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.02	25.49	25.04	25.18	1.05	ppb
Phosphorus	31-2	102010.17	102033.85	102309.02	102117.68	0.16	ppb
Potassium	39-2	98372.97	98594.68	98409.86	98459.17	0.12	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	18.95	21.65	20.42	20.34	6.65	ppb
Selenium	77-2	22.83	20.58	21.17	21.53	5.41	ppb
Selenium	78-2	21.54	20.03	21.15	20.91	3.74	ppb
Silicon	28-1	-5.62	-2.66	-1.53	-3.27		ppb
Silver	107-1	17.86	19.22	19.44	18.84	4.55	ppb
Silver	109-1	17.76	19.04	19.34	18.71	4.50	ppb
Sodium	23-2	98915.01	97478.19	99140.32	98511.17	0.92	ppb
Strontium	86-1	803.31	848.80	868.13	840.08	3.96	ppb
Strontium	88-1	795.38	844.88	858.74	833.00	4.00	ppb
Sulfur	34-1	95906.65	100370.66	103279.80	99852.37	3.72	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	18.46	19.68	19.68	19.27	3.67	ppb
Thallium	205-1	18.50	19.41	19.53	19.15	2.95	ppb
Tin	118-1	0.13	0.16	0.17	0.16	14.72	ppb
Titanium	47-1	1914.46	2064.21	2061.04	2013.24	4.25	ppb

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LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSAB007	Instrumnet Name :	P7
Client Sample ID :	ICSAB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:32:42	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	4.84	ppb
Vanadium	51-2	20.21	20.37	20.73	20.44	1.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	31.83	30.96	31.62	31.47	1.44	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.06	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	40.41	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:35:47	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51151.93	50763.98	50413.52	50776.48	0.73	ppb
Antimony	121-1	459.95	513.82	514.17	495.98	6.29	ppb
Arsenic	75-2	503.69	504.42	505.21	504.44	0.15	ppb
Barium	135-1	2373.45	2593.56	2580.30	2515.77	4.91	ppb
Barium	137-1	2365.10	2631.82	2626.06	2541.00	6.00	ppb
Beryllium	9-1	469.63	518.22	529.00	505.62	6.26	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	458.17	505.96	503.13	489.08	5.48	ppb
Cadmium	106-1	457.85	507.06	506.72	490.54	5.77	ppb
Cadmium	111-1	440.78	488.94	485.28	471.66	5.68	ppb
Calcium	43-1	237599.87	261497.12	267395.01	255497.33	6.18	ppb
Calcium	44-1	237710.68	263626.48	265018.30	255451.82	6.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.48	504.89	505.16	506.18	0.40	ppb
Cobalt	59-2	497.99	489.92	488.86	492.26	1.01	ppb
Copper	63-2	4837.52	4824.50	4755.69	4805.90	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				100		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	129626.88	128593.74	127039.27	128419.96	1.01	ppb
Iron	57-2	129432.58	128077.71	127094.45	128201.58	0.92	ppb
Iron	54-2	129283.58	128126.12	128298.97	128569.56	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:35:47	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2349.73	2614.96	2588.49	2517.73	5.80	ppb
Lead	207-1	2356.43	2631.37	2633.45	2540.42	6.27	ppb
Lead	208-1	2364.04	2622.38	2632.53	2539.65	5.99	ppb
Lithium	6-1				98		%
Magnesium	24-2	240801.67	239310.21	237686.87	239266.25	0.65	ppb
Manganese	55-2	5053.81	4968.18	4961.01	4994.34	1.03	ppb
Molybdenum	94-1	4687.50	5174.03	5278.29	5046.61	6.25	ppb
Molybdenum	95-1	4630.22	5145.16	5274.13	5016.50	6.79	ppb
Molybdenum	96-1	4678.47	5218.99	5293.47	5063.64	6.63	ppb
Molybdenum	97-1	4665.97	5213.50	5258.28	5045.91	6.54	ppb
Molybdenum	98-1	4694.47	5200.81	5252.94	5049.41	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.44	468.59	465.36	469.13	0.87	ppb
Phosphorus	31-2	10154.80	10179.35	10065.96	10133.37	0.59	ppb
Potassium	39-2	125882.51	125749.16	125246.53	125626.07	0.27	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	442.70	494.81	497.89	478.46	6.48	ppb
Selenium	77-2	503.30	486.90	476.35	488.85	2.78	ppb
Selenium	78-2	495.80	486.19	499.53	493.84	1.39	ppb
Silicon	28-1	187.10	211.88	211.85	203.61	7.02	ppb
Silver	107-1	463.83	503.81	508.00	491.88	4.96	ppb
Silver	109-1	464.74	510.45	504.60	493.27	5.04	ppb
Sodium	23-2	249551.88	246861.12	248253.85	248222.29	0.54	ppb
Strontium	86-1	11719.73	12820.77	13055.06	12531.85	5.69	ppb
Strontium	88-1	11611.27	12641.45	13100.78	12451.16	6.13	ppb
Sulfur	34-1	8581.05	9775.27	9965.67	9440.66	7.95	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	476.59	524.57	526.44	509.20	5.55	ppb
Thallium	205-1	479.57	524.29	525.82	509.89	5.15	ppb
Tin	118-1	468.26	515.50	515.39	499.71	5.45	ppb
Titanium	47-1	4706.14	5059.76	5176.74	4980.88	4.92	ppb

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LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:35:47	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	476.91	525.93	518.80	507.21	5.22	ppb
Vanadium	51-2	509.36	505.93	508.31	507.87	0.35	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	4781.91	4702.80	4709.62	4731.44	0.93	ppb
Zirconium	90-1	464.97	513.73	526.56	501.75	6.48	ppb
Zirconium	91-1	469.65	520.23	531.61	507.16	6.50	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:43:41	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.04	0.01	0.01	666.41	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	17.61	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.01	0.00	92.00	ppb
Barium	137-1	0.02	0.01	0.01	0.01	30.83	ppb
Beryllium	9-1	0.02	0.00	0.03	0.01	113.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.01	0.02	0.01	217.22	ppb
Cadmium	106-1	-1.95	-1.73	-1.54	-1.74		ppb
Cadmium	111-1	-0.13	-0.12	-0.10	-0.12		ppb
Calcium	43-1	1.87	0.55	1.34	1.25	52.93	ppb
Calcium	44-1	-0.88	-1.59	-1.28	-1.25		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.04	0.03	0.03	12.92	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				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	0.35	0.31	0.22	0.29	22.62	ppb
Iron	57-2	-0.43	-0.02	0.29	-0.05		ppb
Iron	54-2	-0.12	0.44	0.25	0.19	147.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:43:41	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.04	0.05	5.60	ppb
Lead	207-1	0.06	0.05	0.05	0.05	12.75	ppb
Lead	208-1	0.05	0.05	0.04	0.05	7.75	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.91	0.86	0.83	0.87	4.53	ppb
Manganese	55-2	0.02	0.01	0.02	0.02	39.32	ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	6.66	ppb
Molybdenum	95-1	0.05	0.06	0.04	0.05	17.20	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	12.73	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	5.55	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	11.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-9.74	-17.41	-16.61	-14.59		ppb
Potassium	39-2	-0.16	0.48	1.00	0.44	132.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	-0.25	-0.43	-0.53	-0.41		ppb
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	-1.44	-0.78	-1.55	-1.25		ppb
Silicon	28-1	-11.60	-11.77	-11.44	-11.60		ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.00	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.14	ppb
Sodium	23-2	14.06	13.80	13.71	13.86	1.30	ppb
Strontium	86-1	0.06	-0.08	-0.47	-0.16		ppb
Strontium	88-1	0.07	0.06	0.08	0.07	11.99	ppb
Sulfur	34-1	-329.77	-340.53	-314.07	-328.13		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.02	0.03	19.98	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.61	ppb
Tin	118-1	0.00	0.04	0.00	0.01	192.85	ppb
Titanium	47-1	0.04	0.05	0.00	0.03	103.15	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:43:41	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	19.68	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	123.90	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	0.03	0.02	0.09	0.05	79.16	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.64	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	81.99	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BL	Instrumnet Name :	P7
Client Sample ID :	PBW834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:56:05	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.57	0.88	0.75	21.65	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.70	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.01	0.00	0.01	0.00	131.55	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	668.79	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	65.90	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.03	0.04	0.02	242.09	ppb
Cadmium	106-1	-1.02	-1.45	-1.22	-1.23		ppb
Cadmium	111-1	-0.08	-0.10	-0.08	-0.09		ppb
Calcium	43-1	1.02	2.21	1.70	1.64	36.38	ppb
Calcium	44-1	-1.93	-1.94	-0.73	-1.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.01	0.00	234.22	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	79.65	ppb
Copper	63-2	0.06	0.05	0.06	0.06	17.92	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				98		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	0.04	0.15	-0.02	0.06	151.27	ppb
Iron	57-2	0.29	0.05	0.22	0.18	66.68	ppb
Iron	54-2	0.18	-0.13	0.91	0.32	167.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BL	Instrumnet Name :	P7
Client Sample ID :	PBW834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:56:05	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.01	0.01	19.10	ppb
Lead	207-1	0.01	0.01	0.02	0.02	26.55	ppb
Lead	208-1	0.01	0.01	0.02	0.02	17.96	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.00	0.61	0.70	0.77	26.80	ppb
Manganese	55-2	0.04	0.06	0.04	0.05	16.97	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	19.97	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	224.32	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	86.45	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	20.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-17.13	-12.98	-18.04	-16.05		ppb
Potassium	39-2	1.13	0.65	3.04	1.61	78.92	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.30	0.03	-0.85	-0.37		ppb
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	-0.73	-0.65	-1.45	-0.94		ppb
Silicon	28-1	-10.29	-8.16	-6.65	-8.37		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.05	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.25	ppb
Sodium	23-2	5.32	6.31	6.20	5.95	9.10	ppb
Strontium	86-1	-0.27	0.28	0.33	0.11	301.28	ppb
Strontium	88-1	0.01	0.02	0.04	0.02	52.69	ppb
Sulfur	34-1	-162.59	-29.58	81.74	-36.81		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.02	0.01	21.96	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	10.09	ppb
Tin	118-1	0.01	0.01	0.00	0.01	55.33	ppb
Titanium	47-1	0.02	0.01	-0.03	0.00		ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BL	Instrumnet Name :	P7
Client Sample ID :	PBW834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:56:05	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	4.48	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.19	0.21	0.23	0.21	9.98	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	622.12	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	261.07	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BS	Instrumnet Name :	P7
Client Sample ID :	LCS834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:59:23	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9752.09	9702.87	9697.23	9717.40	0.31	ppb
Antimony	121-1	503.75	520.40	518.04	514.06	1.75	ppb
Arsenic	75-2	513.50	510.80	501.93	508.74	1.19	ppb
Barium	135-1	2516.49	2544.33	2586.10	2548.97	1.37	ppb
Barium	137-1	2530.18	2587.85	2590.55	2569.52	1.33	ppb
Beryllium	9-1	486.20	493.69	486.83	488.91	0.85	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	511.13	526.24	526.90	521.42	1.71	ppb
Cadmium	106-1	512.66	527.09	527.85	522.53	1.64	ppb
Cadmium	111-1	491.89	505.79	509.30	502.33	1.83	ppb
Calcium	43-1	49853.73	51440.91	52025.82	51106.82	2.20	ppb
Calcium	44-1	49508.78	51597.17	51777.82	50961.25	2.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.95	503.49	499.44	500.96	0.44	ppb
Cobalt	59-2	497.81	504.33	505.48	502.54	0.82	ppb
Copper	63-2	5028.21	5038.86	5004.61	5023.89	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	25584.58	25583.41	25553.24	25573.74	0.07	ppb
Iron	57-2	25615.37	25585.75	25890.06	25697.06	0.65	ppb
Iron	54-2	25967.93	25986.97	25797.89	25917.59	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BS	Instrumnet Name :	P7
Client Sample ID :	LCS834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:59:23	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2416.22	2487.23	2423.82	2442.42	1.60	ppb
Lead	207-1	2422.50	2486.65	2455.91	2455.02	1.31	ppb
Lead	208-1	2405.21	2475.29	2445.30	2441.93	1.44	ppb
Lithium	6-1				107		%
Magnesium	24-2	46250.51	46726.33	46759.24	46578.69	0.61	ppb
Manganese	55-2	4948.81	5036.65	4964.32	4983.26	0.94	ppb
Molybdenum	94-1	4827.39	4906.34	4928.54	4887.42	1.09	ppb
Molybdenum	95-1	4866.90	4891.90	4972.02	4910.27	1.12	ppb
Molybdenum	96-1	4903.02	4921.19	4956.55	4926.92	0.55	ppb
Molybdenum	97-1	4859.01	4933.10	4953.65	4915.26	1.01	ppb
Molybdenum	98-1	4846.70	4942.35	4972.08	4920.37	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.74	480.86	484.10	482.24	0.35	ppb
Phosphorus	31-2	10118.54	10144.53	10084.87	10115.98	0.30	ppb
Potassium	39-2	24507.63	24653.41	24471.97	24544.34	0.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	82-1	494.06	509.23	502.38	501.89	1.51	ppb
Selenium	77-2	515.27	519.94	497.73	510.98	2.29	ppb
Selenium	78-2	528.70	521.93	519.29	523.31	0.93	ppb
Silicon	28-1	501.89	504.83	513.05	506.59	1.14	ppb
Silver	107-1	516.46	522.46	531.66	523.53	1.46	ppb
Silver	109-1	518.39	522.98	535.90	525.75	1.73	ppb
Sodium	23-2	48976.80	49476.91	49386.49	49280.07	0.54	ppb
Strontium	86-1	12178.04	12645.20	12333.99	12385.74	1.92	ppb
Strontium	88-1	12116.85	12391.31	12305.78	12271.31	1.14	ppb
Sulfur	34-1	9615.01	9798.76	9877.19	9763.65	1.38	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	488.28	492.94	485.68	488.97	0.75	ppb
Thallium	205-1	481.41	491.65	481.59	484.88	1.21	ppb
Tin	118-1	499.73	514.70	518.78	511.07	1.96	ppb
Titanium	47-1	4892.31	4998.71	5022.52	4971.18	1.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BS	Instrumnet Name :	P7
Client Sample ID :	LCS834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:59:23	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	463.75	478.03	466.36	469.38	1.62	ppb
Vanadium	51-2	494.87	500.06	501.71	498.88	0.71	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	5053.01	5044.58	5054.94	5050.84	0.11	ppb
Zirconium	90-1	483.26	491.89	491.48	488.88	1.00	ppb
Zirconium	91-1	481.70	489.39	501.89	491.00	2.08	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:02:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24920.21	24712.97	24590.30	24741.16	0.67	ppb
Antimony	121-1	0.29	0.24	0.20	0.24	19.07	ppb
Arsenic	75-2	1.42	1.36	1.52	1.43	5.58	ppb
Barium	135-1	41.88	41.89	41.99	41.92	0.14	ppb
Barium	137-1	42.35	42.44	42.82	42.54	0.58	ppb
Beryllium	9-1	0.82	0.67	0.74	0.74	10.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.34	0.25	0.30	16.00	ppb
Cadmium	106-1	1.27	1.19	1.15	1.20	5.09	ppb
Cadmium	111-1	0.26	0.23	0.20	0.23	11.65	ppb
Calcium	43-1	90026.54	90574.78	91079.54	90560.29	0.58	ppb
Calcium	44-1	88598.93	90420.31	90527.32	89848.86	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.99	8.14	7.94	8.02	1.28	ppb
Cobalt	59-2	68.79	68.62	68.42	68.61	0.27	ppb
Copper	63-2	15.96	15.87	15.66	15.83	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				99		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	215397.12	215596.92	214400.37	215131.47	0.30	ppb
Iron	57-2	213764.46	213157.66	211889.26	212937.13	0.45	ppb
Iron	54-2	213914.84	218112.61	213939.39	215322.28	1.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:02:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.24	1.11	1.07	1.14	8.11	ppb
Lead	207-1	1.14	1.10	1.02	1.09	5.58	ppb
Lead	208-1	1.19	1.10	1.04	1.11	6.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	38914.42	38543.14	38856.31	38771.29	0.52	ppb
Manganese	55-2	3343.12	3361.54	3318.81	3341.16	0.64	ppb
Molybdenum	94-1	2.00	1.85	1.83	1.89	4.80	ppb
Molybdenum	95-1	0.76	0.61	0.53	0.64	18.35	ppb
Molybdenum	96-1	2.09	1.92	1.86	1.96	6.24	ppb
Molybdenum	97-1	0.77	0.66	0.53	0.65	18.23	ppb
Molybdenum	98-1	0.75	0.55	0.49	0.60	23.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.51	27.49	27.15	27.38	0.74	ppb
Phosphorus	31-2	621.89	619.54	622.76	621.39	0.27	ppb
Potassium	39-2	741.41	741.35	734.89	739.22	0.51	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	0.32	0.36	0.24	0.31	19.63	ppb
Selenium	77-2	16.42	15.15	16.24	15.94	4.32	ppb
Selenium	78-2	-0.04	1.43	0.92	0.77	96.90	ppb
Silicon	28-1	11047.89	11323.67	11335.07	11235.54	1.45	ppb
Silver	107-1	0.15	0.12	0.09	0.12	23.40	ppb
Silver	109-1	0.13	0.12	0.09	0.11	19.79	ppb
Sodium	23-2	12742.27	12706.69	12761.50	12736.82	0.22	ppb
Strontium	86-1	4048.09	4050.68	4083.22	4060.66	0.48	ppb
Strontium	88-1	4167.09	4214.13	4173.84	4185.02	0.61	ppb
Sulfur	34-1	243341.61	246619.44	245887.05	245282.70	0.70	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.10	0.09	0.10	18.13	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	12.55	ppb
Tin	118-1	0.28	0.25	0.24	0.25	8.05	ppb
Titanium	47-1	4.90	4.39	4.24	4.51	7.62	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:02:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.57	2.58	2.47	2.54	2.46	ppb
Vanadium	51-2	248.98	250.62	249.15	249.58	0.36	ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	248.78	246.52	248.79	248.03	0.53	ppb
Zirconium	90-1	0.72	0.71	0.70	0.71	1.51	ppb
Zirconium	91-1	0.78	0.68	0.71	0.72	7.25	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:05:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24613.57	24702.81	24295.10	24537.16	0.87	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	4.78	ppb
Arsenic	75-2	1.59	1.37	1.44	1.46	7.82	ppb
Barium	135-1	40.78	41.69	41.19	41.22	1.11	ppb
Barium	137-1	42.13	42.45	42.75	42.44	0.73	ppb
Beryllium	9-1	0.70	0.63	0.70	0.68	6.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.23	0.17	0.23	29.27	ppb
Cadmium	106-1	1.54	1.56	1.09	1.40	19.00	ppb
Cadmium	111-1	0.20	0.19	0.17	0.19	6.85	ppb
Calcium	43-1	89562.98	89045.29	88348.25	88985.51	0.69	ppb
Calcium	44-1	89562.10	88737.89	88498.75	88932.91	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.70	7.81	7.82	7.77	0.83	ppb
Cobalt	59-2	67.96	68.89	68.36	68.40	0.68	ppb
Copper	63-2	15.54	15.41	15.21	15.38	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	213632.79	214765.60	213227.27	213875.22	0.37	ppb
Iron	57-2	212199.35	214301.36	213707.45	213402.72	0.51	ppb
Iron	54-2	213801.49	215773.32	214849.12	214807.98	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:05:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.89	0.88	0.90	0.89	0.86	ppb
Lead	207-1	0.82	0.84	0.79	0.82	3.21	ppb
Lead	208-1	0.85	0.85	0.82	0.84	2.29	ppb
Lithium	6-1				98		%
Magnesium	24-2	38504.19	38897.77	38391.39	38597.78	0.69	ppb
Manganese	55-2	3311.12	3356.99	3321.80	3329.97	0.72	ppb
Molybdenum	94-1	1.39	1.30	1.32	1.34	3.49	ppb
Molybdenum	95-1	0.21	0.18	0.17	0.19	10.99	ppb
Molybdenum	96-1	1.57	1.56	1.52	1.55	1.51	ppb
Molybdenum	97-1	0.23	0.20	0.16	0.19	17.10	ppb
Molybdenum	98-1	0.17	0.16	0.13	0.15	13.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.00	27.52	27.11	27.21	0.99	ppb
Phosphorus	31-2	627.60	625.17	624.07	625.61	0.29	ppb
Potassium	39-2	728.53	743.12	735.35	735.67	0.99	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	0.41	0.29	0.41	0.37	19.75	ppb
Selenium	77-2	14.89	14.64	17.11	15.54	8.74	ppb
Selenium	78-2	1.76	1.04	1.13	1.31	30.01	ppb
Silicon	28-1	11027.01	11057.13	10943.56	11009.23	0.53	ppb
Silver	107-1	0.04	0.03	0.04	0.04	11.71	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.03	ppb
Sodium	23-2	12612.71	12790.35	12528.32	12643.79	1.06	ppb
Strontium	86-1	4054.77	4027.59	4035.14	4039.17	0.35	ppb
Strontium	88-1	4149.42	4146.20	4154.08	4149.90	0.10	ppb
Sulfur	34-1	239219.15	241805.47	240713.00	240579.21	0.54	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.05	0.05	1.24	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.21	ppb
Tin	118-1	0.20	0.21	0.21	0.21	1.28	ppb
Titanium	47-1	3.91	3.78	3.73	3.80	2.42	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:05:13	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.46	2.54	2.48	2.49	1.70	ppb
Vanadium	51-2	247.87	250.05	248.42	248.78	0.46	ppb
Yttrium	89-1				122		%
Yttrium	89-2				119		%
Zinc	66-2	245.64	248.16	246.72	246.84	0.51	ppb
Zirconium	90-1	0.62	0.60	0.59	0.60	2.36	ppb
Zirconium	91-1	0.66	0.63	0.60	0.63	4.79	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	25
Date & Time Acquired :	2024-12-23 13:08:22	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5043.27	4995.42	5026.92	5021.87	0.48	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	12.87	ppb
Arsenic	75-2	0.33	0.35	0.30	0.33	6.84	ppb
Barium	135-1	8.52	8.57	8.46	8.52	0.59	ppb
Barium	137-1	8.51	8.46	8.44	8.47	0.48	ppb
Beryllium	9-1	0.14	0.17	0.16	0.15	10.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.02	0.07	0.05	116.64	ppb
Cadmium	106-1	-1.00	-1.53	-1.29	-1.27		ppb
Cadmium	111-1	-0.06	-0.09	-0.07	-0.07		ppb
Calcium	43-1	18265.69	18882.41	19005.22	18717.77	2.12	ppb
Calcium	44-1	17761.87	17773.88	18206.99	17914.25	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.67	1.58	1.62	1.62	2.68	ppb
Cobalt	59-2	14.30	13.89	14.01	14.07	1.48	ppb
Copper	63-2	3.25	3.29	3.28	3.27	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				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	44294.70	43914.22	44176.41	44128.44	0.44	ppb
Iron	57-2	43552.04	43213.16	43291.80	43352.33	0.41	ppb
Iron	54-2	44384.81	44277.16	43691.66	44117.88	0.85	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	25
Date & Time Acquired :	2024-12-23 13:08:22	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.21	0.20	0.20	1.91	ppb
Lead	207-1	0.20	0.18	0.19	0.19	4.20	ppb
Lead	208-1	0.20	0.19	0.19	0.19	0.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	7717.59	7806.84	7833.71	7786.05	0.78	ppb
Manganese	55-2	687.48	677.23	676.74	680.48	0.89	ppb
Molybdenum	94-1	0.31	0.31	0.34	0.32	5.95	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.04	ppb
Molybdenum	96-1	0.38	0.38	0.37	0.38	1.93	ppb
Molybdenum	97-1	0.06	0.03	0.05	0.05	31.32	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	8.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.76	5.72	5.52	5.67	2.24	ppb
Phosphorus	31-2	123.51	115.11	115.16	117.92	4.10	ppb
Potassium	39-2	147.04	147.23	147.68	147.31	0.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.23	-0.29	-0.37	-0.14		ppb
Selenium	77-2	3.84	3.39	4.15	3.80	10.06	ppb
Selenium	78-2	-0.69	-0.38	-0.87	-0.65		ppb
Silicon	28-1	2196.13	2275.42	2285.08	2252.21	2.17	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.42	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.38	ppb
Sodium	23-2	2562.85	2587.40	2553.28	2567.84	0.69	ppb
Strontium	86-1	969.57	993.24	980.48	981.10	1.21	ppb
Strontium	88-1	1002.56	1029.05	1025.42	1019.01	1.41	ppb
Sulfur	34-1	49203.96	49607.60	50188.05	49666.54	1.00	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.54	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.32	ppb
Tin	118-1	0.06	0.06	0.07	0.06	5.03	ppb
Titanium	47-1	0.76	0.76	0.72	0.74	2.87	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	25
Date & Time Acquired :	2024-12-23 13:08:22	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.49	0.47	0.48	1.91	ppb
Vanadium	51-2	50.52	50.48	50.27	50.43	0.27	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	51.91	51.95	52.71	52.19	0.86	ppb
Zirconium	90-1	0.14	0.15	0.15	0.15	3.87	ppb
Zirconium	91-1	0.15	0.15	0.14	0.15	5.14	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:11:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25160.10	25210.30	25064.27	25144.89	0.30	ppb
Antimony	121-1	113.39	114.30	114.68	114.13	0.58	ppb
Arsenic	75-2	100.10	99.00	98.13	99.07	1.00	ppb
Barium	135-1	606.44	599.64	598.32	601.47	0.73	ppb
Barium	137-1	596.54	601.13	590.19	595.96	0.92	ppb
Beryllium	9-1	121.41	123.91	119.98	121.77	1.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	126.01	121.82	123.99	123.94	1.69	ppb
Cadmium	106-1	128.97	127.98	127.28	128.07	0.66	ppb
Cadmium	111-1	122.57	123.47	123.26	123.10	0.38	ppb
Calcium	43-1	93327.45	92761.74	92052.55	92713.92	0.69	ppb
Calcium	44-1	92517.29	93233.97	92567.03	92772.77	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.42	123.99	122.87	123.43	0.45	ppb
Cobalt	59-2	182.64	183.12	182.43	182.73	0.19	ppb
Copper	63-2	1023.09	1017.47	1014.88	1018.48	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	206815.95	209318.38	207686.18	207940.17	0.61	ppb
Iron	57-2	206559.84	208698.14	206363.30	207207.09	0.62	ppb
Iron	54-2	208259.55	210353.56	209643.22	209418.78	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:11:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	479.47	477.37	471.93	476.25	0.82	ppb
Lead	207-1	480.05	489.40	490.85	486.77	1.20	ppb
Lead	208-1	475.33	483.34	479.73	479.47	0.84	ppb
Lithium	6-1				98		%
Magnesium	24-2	44940.23	44959.32	44788.07	44895.87	0.21	ppb
Manganese	55-2	4029.52	4097.61	4051.38	4059.50	0.86	ppb
Molybdenum	94-1	592.92	601.36	595.25	596.51	0.73	ppb
Molybdenum	95-1	513.02	519.71	524.49	519.08	1.11	ppb
Molybdenum	96-1	528.10	535.11	531.79	531.67	0.66	ppb
Molybdenum	97-1	519.67	522.57	518.37	520.20	0.41	ppb
Molybdenum	98-1	513.51	520.53	517.30	517.11	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.41	141.17	141.03	140.87	0.29	ppb
Phosphorus	31-2	590.30	592.55	579.58	587.48	1.18	ppb
Potassium	39-2	6111.94	6071.88	6033.71	6072.51	0.64	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	82-1	92.77	95.76	94.46	94.33	1.59	ppb
Selenium	77-2	108.03	112.54	109.76	110.11	2.07	ppb
Selenium	78-2	95.65	104.65	100.97	100.42	4.51	ppb
Silicon	28-1	10366.20	10403.14	10359.02	10376.12	0.23	ppb
Silver	107-1	0.21	0.21	0.21	0.21	0.51	ppb
Silver	109-1	0.12	0.13	0.12	0.12	4.80	ppb
Sodium	23-2	21170.70	21224.09	20951.97	21115.59	0.68	ppb
Strontium	86-1	6014.09	6134.37	6131.80	6093.42	1.13	ppb
Strontium	88-1	6193.51	6362.18	6331.14	6295.61	1.43	ppb
Sulfur	34-1	225087.14	225095.37	225080.40	225087.64	0.00	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	106.73	108.86	107.59	107.73	0.99	ppb
Thallium	205-1	118.50	119.05	117.08	118.21	0.86	ppb
Tin	118-1	105.79	107.45	107.28	106.84	0.86	ppb
Titanium	47-1	421.60	419.40	423.30	421.43	0.46	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:11:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	115.15	116.36	118.14	116.55	1.29	ppb
Vanadium	51-2	362.25	356.52	355.64	358.13	1.00	ppb
Yttrium	89-1				122		%
Yttrium	89-2				116		%
Zinc	66-2	1174.73	1180.55	1166.01	1173.76	0.62	ppb
Zirconium	90-1	92.69	95.57	94.23	94.16	1.53	ppb
Zirconium	91-1	91.74	94.25	92.86	92.95	1.35	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:14:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24757.14	24625.31	24984.21	24788.89	0.73	ppb
Antimony	121-1	111.86	114.01	113.29	113.06	0.97	ppb
Arsenic	75-2	97.82	98.55	96.44	97.60	1.10	ppb
Barium	135-1	586.35	596.66	592.94	591.98	0.88	ppb
Barium	137-1	588.70	594.48	592.65	591.94	0.50	ppb
Beryllium	9-1	118.55	114.99	120.71	118.08	2.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	121.25	122.88	123.63	122.59	0.99	ppb
Cadmium	106-1	123.63	127.80	126.19	125.87	1.67	ppb
Cadmium	111-1	119.74	121.36	122.55	121.22	1.16	ppb
Calcium	43-1	93422.23	93459.48	93831.93	93571.21	0.24	ppb
Calcium	44-1	92267.31	93332.45	92969.66	92856.47	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.12	120.99	121.31	120.81	0.51	ppb
Cobalt	59-2	177.41	177.63	179.14	178.06	0.53	ppb
Copper	63-2	1009.00	1007.56	1022.94	1013.17	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				102		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	203883.96	203814.73	206407.14	204701.95	0.72	ppb
Iron	57-2	202900.40	202659.38	202886.07	202815.28	0.07	ppb
Iron	54-2	205023.22	204966.55	206975.89	205655.22	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:14:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	485.51	469.05	475.94	476.83	1.73	ppb
Lead	207-1	485.50	477.45	483.03	482.00	0.86	ppb
Lead	208-1	480.65	470.57	481.05	477.42	1.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	44284.83	43901.09	44600.89	44262.27	0.79	ppb
Manganese	55-2	3978.34	3979.74	4017.15	3991.74	0.55	ppb
Molybdenum	94-1	587.01	590.96	599.68	592.55	1.09	ppb
Molybdenum	95-1	513.48	513.77	524.78	517.34	1.25	ppb
Molybdenum	96-1	527.38	527.38	534.42	529.73	0.77	ppb
Molybdenum	97-1	510.81	517.26	529.07	519.04	1.78	ppb
Molybdenum	98-1	511.99	516.45	521.49	516.64	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.27	136.96	137.43	137.22	0.17	ppb
Phosphorus	31-2	555.11	603.83	603.02	587.32	4.75	ppb
Potassium	39-2	5930.14	6027.25	6093.19	6016.86	1.36	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	93.39	94.05	95.68	94.37	1.25	ppb
Selenium	77-2	109.70	108.89	105.22	107.94	2.21	ppb
Selenium	78-2	93.34	99.00	92.72	95.02	3.64	ppb
Silicon	28-1	10333.05	10350.36	10399.83	10361.08	0.33	ppb
Silver	107-1	0.21	0.21	0.22	0.21	3.61	ppb
Silver	109-1	0.12	0.12	0.12	0.12	1.70	ppb
Sodium	23-2	20748.07	20986.91	20939.36	20891.44	0.61	ppb
Strontium	86-1	6018.48	6092.78	6126.91	6079.39	0.91	ppb
Strontium	88-1	6241.40	6295.03	6239.16	6258.53	0.51	ppb
Sulfur	34-1	225374.10	224799.88	229491.62	226555.20	1.13	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	107.22	106.93	107.11	107.09	0.14	ppb
Thallium	205-1	116.50	115.51	115.98	115.99	0.43	ppb
Tin	118-1	105.26	107.09	108.40	106.92	1.48	ppb
Titanium	47-1	416.12	423.34	421.33	420.27	0.89	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:14:22	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	116.10	115.97	116.61	116.23	0.29	ppb
Vanadium	51-2	352.52	353.83	351.29	352.55	0.36	ppb
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	1155.11	1159.26	1164.55	1159.64	0.41	ppb
Zirconium	90-1	91.96	94.34	93.72	93.34	1.33	ppb
Zirconium	91-1	90.70	91.43	93.82	91.98	1.77	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:17:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24758.91	25136.71	24873.70	24923.11	0.78	ppb
Antimony	121-1	113.14	114.95	114.83	114.31	0.89	ppb
Arsenic	75-2	96.56	99.59	97.46	97.87	1.59	ppb
Barium	135-1	582.35	607.30	603.04	597.56	2.23	ppb
Barium	137-1	592.08	607.36	610.72	603.39	1.65	ppb
Beryllium	9-1	119.79	121.50	122.49	121.26	1.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	120.58	124.20	122.50	122.43	1.48	ppb
Cadmium	106-1	125.27	128.07	126.21	126.52	1.13	ppb
Cadmium	111-1	120.79	124.53	123.18	122.83	1.54	ppb
Calcium	43-1	91445.87	93972.60	94974.65	93464.37	1.95	ppb
Calcium	44-1	92375.13	94454.39	94854.70	93894.74	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.61	123.64	122.12	122.79	0.63	ppb
Cobalt	59-2	188.83	187.88	180.45	185.72	2.47	ppb
Copper	63-2	1027.28	1031.94	1019.31	1026.18	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				102		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	209577.69	208656.92	207087.48	208440.70	0.60	ppb
Iron	57-2	208243.06	209148.94	204173.18	207188.39	1.28	ppb
Iron	54-2	210480.13	209537.93	207265.61	209094.56	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:17:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	476.02	485.48	488.23	483.24	1.32	ppb
Lead	207-1	490.52	496.73	490.99	492.75	0.70	ppb
Lead	208-1	481.42	487.80	488.07	485.77	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	44323.96	45067.84	44792.59	44728.13	0.84	ppb
Manganese	55-2	4102.25	4087.36	4046.55	4078.72	0.71	ppb
Molybdenum	94-1	598.76	606.36	600.43	601.85	0.66	ppb
Molybdenum	95-1	527.26	526.53	529.39	527.73	0.28	ppb
Molybdenum	96-1	538.17	540.80	532.54	537.17	0.79	ppb
Molybdenum	97-1	528.03	530.79	524.52	527.78	0.60	ppb
Molybdenum	98-1	519.83	529.94	526.37	525.38	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.67	141.05	139.16	140.96	1.25	ppb
Phosphorus	31-2	591.95	594.62	591.97	592.85	0.26	ppb
Potassium	39-2	6094.58	5990.86	6135.47	6073.63	1.23	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	94.16	95.21	95.48	94.95	0.73	ppb
Selenium	77-2	103.15	107.55	114.92	108.54	5.48	ppb
Selenium	78-2	97.24	98.45	97.05	97.58	0.78	ppb
Silicon	28-1	10026.18	10544.23	10684.06	10418.16	3.33	ppb
Silver	107-1	0.23	0.22	0.21	0.22	3.96	ppb
Silver	109-1	0.13	0.12	0.13	0.13	5.94	ppb
Sodium	23-2	20751.77	21200.74	21073.79	21008.77	1.10	ppb
Strontium	86-1	6109.52	6104.63	6146.79	6120.31	0.38	ppb
Strontium	88-1	6294.30	6291.40	6383.56	6323.09	0.83	ppb
Sulfur	34-1	221611.89	229403.25	230950.15	227321.76	2.20	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	107.10	107.57	108.34	107.67	0.58	ppb
Thallium	205-1	115.51	117.29	116.31	116.37	0.77	ppb
Tin	118-1	106.75	108.21	108.61	107.86	0.91	ppb
Titanium	47-1	414.63	431.62	434.36	426.87	2.50	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:17:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	114.20	115.71	115.97	115.30	0.83	ppb
Vanadium	51-2	363.90	356.27	361.81	360.66	1.09	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	1183.10	1193.66	1185.11	1187.29	0.47	ppb
Zirconium	90-1	94.24	95.67	95.32	95.08	0.78	ppb
Zirconium	91-1	93.14	93.79	93.93	93.62	0.45	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:20:07	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50822.60	51386.56	51023.46	51077.54	0.56	ppb
Antimony	121-1	506.80	503.08	515.52	508.47	1.26	ppb
Arsenic	75-2	499.18	491.17	493.71	494.69	0.83	ppb
Barium	135-1	2550.59	2548.25	2589.90	2562.91	0.91	ppb
Barium	137-1	2588.22	2567.76	2616.76	2590.91	0.95	ppb
Beryllium	9-1	495.26	510.83	503.85	503.31	1.55	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	496.55	485.86	503.45	495.29	1.79	ppb
Cadmium	106-1	494.78	491.06	507.92	497.92	1.78	ppb
Cadmium	111-1	478.41	472.90	485.46	478.92	1.31	ppb
Calcium	43-1	255792.67	258248.10	267257.53	260432.77	2.32	ppb
Calcium	44-1	256635.32	257245.81	267178.08	260353.07	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.57	511.41	503.74	506.57	0.83	ppb
Cobalt	59-2	483.03	494.02	493.01	490.02	1.24	ppb
Copper	63-2	4809.15	4887.43	4858.66	4851.75	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	130081.09	130552.50	129277.11	129970.23	0.50	ppb
Iron	57-2	129832.98	129808.32	128803.17	129481.49	0.45	ppb
Iron	54-2	129872.23	130279.32	130956.11	130369.22	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:20:07	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2520.40	2575.37	2551.96	2549.24	1.08	ppb
Lead	207-1	2522.67	2565.37	2594.15	2560.73	1.40	ppb
Lead	208-1	2538.18	2566.07	2572.76	2559.00	0.72	ppb
Lithium	6-1				97		%
Magnesium	24-2	240984.62	243046.30	240815.79	241615.57	0.51	ppb
Manganese	55-2	5024.26	5031.97	5005.87	5020.70	0.27	ppb
Molybdenum	94-1	5083.90	5145.31	5216.64	5148.62	1.29	ppb
Molybdenum	95-1	5083.95	5152.26	5240.68	5158.96	1.52	ppb
Molybdenum	96-1	5101.94	5117.56	5243.55	5154.35	1.51	ppb
Molybdenum	97-1	5071.95	5087.72	5202.21	5120.63	1.39	ppb
Molybdenum	98-1	5080.08	5114.37	5171.98	5122.15	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.49	474.38	466.92	469.60	0.88	ppb
Phosphorus	31-2	10026.40	10110.79	10131.98	10089.72	0.55	ppb
Potassium	39-2	124743.07	127233.76	126401.17	126126.00	1.01	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	478.78	486.61	496.25	487.22	1.80	ppb
Selenium	77-2	503.61	462.48	476.49	480.86	4.35	ppb
Selenium	78-2	497.07	491.42	490.76	493.08	0.70	ppb
Silicon	28-1	204.55	208.43	217.79	210.26	3.24	ppb
Silver	107-1	501.98	487.09	510.10	499.72	2.34	ppb
Silver	109-1	492.22	489.80	500.03	494.02	1.08	ppb
Sodium	23-2	248446.65	249296.91	250104.51	249282.69	0.33	ppb
Strontium	86-1	12661.39	12742.48	12908.54	12770.80	0.99	ppb
Strontium	88-1	12686.33	12901.75	12843.00	12810.36	0.87	ppb
Sulfur	34-1	9261.57	9585.75	10019.56	9622.29	3.95	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	509.21	516.29	506.07	510.53	1.03	ppb
Thallium	205-1	507.96	511.87	513.19	511.00	0.53	ppb
Tin	118-1	508.03	499.32	515.43	507.60	1.59	ppb
Titanium	47-1	4949.07	5043.17	5169.32	5053.86	2.19	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:20:07	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.72	514.55	508.46	505.24	2.23	ppb
Vanadium	51-2	512.64	511.62	522.68	515.65	1.19	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	4761.34	4816.23	4772.19	4783.25	0.61	ppb
Zirconium	90-1	505.98	507.82	515.87	509.89	1.03	ppb
Zirconium	91-1	503.94	512.15	522.22	512.77	1.79	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:23:36	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.35	2.88	2.71	2.98	11.10	ppb
Antimony	121-1	0.18	0.17	0.14	0.16	12.32	ppb
Arsenic	75-2	0.03	0.01	0.03	0.02	50.41	ppb
Barium	135-1	0.26	0.25	0.22	0.24	9.52	ppb
Barium	137-1	0.27	0.24	0.20	0.24	14.10	ppb
Beryllium	9-1	0.11	0.10	0.07	0.09	21.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.18	-0.02	0.10	103.13	ppb
Cadmium	106-1	-1.85	-1.51	-1.93	-1.76		ppb
Cadmium	111-1	-0.08	-0.05	-0.09	-0.07		ppb
Calcium	43-1	32.22	27.73	20.10	26.68	22.97	ppb
Calcium	44-1	27.72	25.91	20.81	24.81	14.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.03	0.02	68.45	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	20.05	ppb
Copper	63-2	0.39	0.33	0.29	0.34	15.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	11.06	10.36	9.28	10.24	8.76	ppb
Iron	57-2	10.03	11.07	8.65	9.92	12.22	ppb
Iron	54-2	12.01	10.58	8.72	10.44	15.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:23:36	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.30	0.26	0.24	0.27	11.62	ppb
Lead	207-1	0.31	0.28	0.23	0.28	15.50	ppb
Lead	208-1	0.30	0.27	0.24	0.27	12.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	15.83	14.68	13.91	14.81	6.55	ppb
Manganese	55-2	0.38	0.36	0.30	0.34	12.01	ppb
Molybdenum	94-1	0.69	0.59	0.47	0.58	18.62	ppb
Molybdenum	95-1	0.64	0.55	0.44	0.55	18.59	ppb
Molybdenum	96-1	0.61	0.56	0.48	0.55	11.85	ppb
Molybdenum	97-1	0.62	0.54	0.49	0.55	12.02	ppb
Molybdenum	98-1	0.62	0.56	0.47	0.55	13.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.01	0.02	0.03	142.98	ppb
Phosphorus	31-2	-12.08	-12.92	-11.04	-12.01		ppb
Potassium	39-2	8.95	8.74	6.35	8.01	18.03	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	-0.22	-0.25	-0.04	-0.17		ppb
Selenium	77-2	0.01	0.01	-0.16	-0.04		ppb
Selenium	78-2	-0.67	-0.98	-0.68	-0.78		ppb
Silicon	28-1	-13.30	-12.81	-12.17	-12.76		ppb
Silver	107-1	0.08	0.08	0.06	0.07	14.77	ppb
Silver	109-1	0.09	0.07	0.06	0.07	17.63	ppb
Sodium	23-2	26.85	25.66	23.99	25.50	5.63	ppb
Strontium	86-1	0.92	0.58	0.34	0.61	47.01	ppb
Strontium	88-1	1.46	1.42	1.21	1.36	9.77	ppb
Sulfur	34-1	-539.91	-528.72	-489.83	-519.49		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.06	0.05	0.06	8.40	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	10.97	ppb
Tin	118-1	0.08	0.06	0.06	0.07	14.16	ppb
Titanium	47-1	0.59	0.52	0.39	0.50	20.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:23:36	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.04	0.05	11.84	ppb
Vanadium	51-2	0.03	0.04	0.03	0.03	15.07	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	0.30	0.32	0.34	0.32	6.11	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	8.24	ppb
Zirconium	91-1	0.06	0.07	0.05	0.06	17.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-04DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-08-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:27:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30341.01	30279.89	30025.33	30215.41	0.55	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	5.68	ppb
Arsenic	75-2	1.83	1.53	1.64	1.67	8.86	ppb
Barium	135-1	37.70	38.45	39.13	38.43	1.86	ppb
Barium	137-1	38.63	39.28	39.42	39.11	1.07	ppb
Beryllium	9-1	0.39	0.41	0.37	0.39	4.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.18	0.20	0.17	24.71	ppb
Cadmium	106-1	1.58	0.48	0.09	0.72	107.29	ppb
Cadmium	111-1	0.21	0.13	0.10	0.15	40.42	ppb
Calcium	43-1	58313.05	58914.28	58621.01	58616.11	0.51	ppb
Calcium	44-1	57893.34	58376.31	59687.34	58652.33	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.92	13.01	12.98	12.97	0.36	ppb
Cobalt	59-2	60.16	60.51	60.99	60.55	0.69	ppb
Copper	63-2	27.39	27.48	27.06	27.31	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				101		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	173128.03	173833.97	174325.32	173762.44	0.35	ppb
Iron	57-2	171795.34	172544.94	172812.78	172384.35	0.31	ppb
Iron	54-2	173571.86	173959.49	174606.75	174046.03	0.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-04DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-08-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:27:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.46	1.46	1.50	1.47	1.61	ppb
Lead	207-1	1.35	1.32	1.42	1.37	3.53	ppb
Lead	208-1	1.40	1.41	1.47	1.43	2.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	42531.18	42529.86	42488.81	42516.62	0.06	ppb
Manganese	55-2	1893.84	1895.10	1920.09	1903.01	0.78	ppb
Molybdenum	94-1	1.12	1.16	1.10	1.13	2.72	ppb
Molybdenum	95-1	0.11	0.12	0.13	0.12	6.12	ppb
Molybdenum	96-1	1.22	1.26	1.20	1.23	2.43	ppb
Molybdenum	97-1	0.14	0.12	0.13	0.13	7.90	ppb
Molybdenum	98-1	0.10	0.09	0.11	0.10	8.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.45	55.24	54.70	54.80	0.73	ppb
Phosphorus	31-2	1191.92	1239.18	1203.75	1211.62	2.03	ppb
Potassium	39-2	864.51	872.28	877.15	871.31	0.73	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	82-1	0.46	0.47	0.52	0.48	6.45	ppb
Selenium	77-2	11.50	12.14	14.72	12.78	13.33	ppb
Selenium	78-2	1.24	0.98	0.70	0.97	27.88	ppb
Silicon	28-1	9565.37	9718.09	9829.80	9704.42	1.37	ppb
Silver	107-1	0.04	0.04	0.04	0.04	6.60	ppb
Silver	109-1	0.03	0.04	0.03	0.03	4.19	ppb
Sodium	23-2	21446.28	21557.65	21478.67	21494.20	0.27	ppb
Strontium	86-1	3319.48	3341.92	3368.14	3343.18	0.73	ppb
Strontium	88-1	3447.30	3509.76	3446.31	3467.79	1.05	ppb
Sulfur	34-1	223144.65	223959.74	228521.81	225208.73	1.29	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.04	0.04	0.04	8.91	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.53	ppb
Tin	118-1	0.19	0.19	0.20	0.20	4.04	ppb
Titanium	47-1	6.11	5.98	6.18	6.09	1.66	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-04DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-08-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:27:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.19	2.21	2.20	2.20	0.32	ppb
Vanadium	51-2	255.16	256.88	253.39	255.14	0.68	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	298.38	295.90	297.34	297.21	0.42	ppb
Zirconium	90-1	0.51	0.53	0.53	0.52	2.76	ppb
Zirconium	91-1	0.54	0.59	0.55	0.56	4.97	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-06DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-09-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:30:23	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16450.85	16157.02	16106.91	16238.26	1.14	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	11.59	ppb
Arsenic	75-2	1.90	1.67	1.77	1.78	6.52	ppb
Barium	135-1	40.93	41.31	40.91	41.05	0.55	ppb
Barium	137-1	42.03	42.50	42.44	42.32	0.60	ppb
Beryllium	9-1	0.47	0.47	0.48	0.47	1.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.27	0.15	0.20	31.50	ppb
Cadmium	106-1	1.14	1.30	1.72	1.39	21.90	ppb
Cadmium	111-1	0.16	0.15	0.18	0.16	10.83	ppb
Calcium	43-1	103743.82	103797.84	104375.09	103972.25	0.34	ppb
Calcium	44-1	102369.91	103091.88	103835.76	103099.18	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.28	4.28	4.20	4.25	1.15	ppb
Cobalt	59-2	56.92	56.80	56.07	56.60	0.81	ppb
Copper	63-2	3.63	3.62	3.67	3.64	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				101		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	222593.02	220707.51	219942.28	221080.93	0.62	ppb
Iron	57-2	220638.49	219116.83	218385.61	219380.31	0.52	ppb
Iron	54-2	221771.23	220844.52	220989.56	221201.77	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-06DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-09-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:30:23	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.47	0.46	0.46	0.46	1.04	ppb
Lead	207-1	0.41	0.41	0.42	0.42	1.94	ppb
Lead	208-1	0.43	0.43	0.43	0.43	0.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	34371.41	33916.65	33952.33	34080.13	0.74	ppb
Manganese	55-2	3652.96	3621.56	3632.81	3635.78	0.44	ppb
Molybdenum	94-1	0.97	0.91	0.96	0.95	3.24	ppb
Molybdenum	95-1	0.15	0.14	0.14	0.14	3.11	ppb
Molybdenum	96-1	1.44	1.43	1.39	1.42	1.71	ppb
Molybdenum	97-1	0.17	0.13	0.14	0.15	13.86	ppb
Molybdenum	98-1	0.11	0.11	0.09	0.10	9.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.33	18.30	18.25	18.29	0.20	ppb
Phosphorus	31-2	134.68	142.43	142.81	139.98	3.28	ppb
Potassium	39-2	663.11	663.46	657.13	661.23	0.54	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	82-1	0.63	0.22	0.41	0.42	48.85	ppb
Selenium	77-2	13.79	13.71	16.03	14.51	9.08	ppb
Selenium	78-2	1.13	1.79	1.13	1.35	27.96	ppb
Silicon	28-1	9349.72	9576.15	9463.49	9463.12	1.20	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.71	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.02	ppb
Sodium	23-2	9564.76	9584.83	9509.36	9552.99	0.41	ppb
Strontium	86-1	5138.82	5229.99	5171.21	5180.01	0.89	ppb
Strontium	88-1	5332.00	5376.98	5403.06	5370.68	0.67	ppb
Sulfur	34-1	230293.72	231176.59	233261.88	231577.40	0.66	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	13.28	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	4.15	ppb
Tin	118-1	0.17	0.20	0.17	0.18	9.37	ppb
Titanium	47-1	2.53	2.61	2.67	2.60	2.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-06DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-09-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:30:23	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.14	4.21	4.17	4.17	0.84	ppb
Vanadium	51-2	292.96	292.71	291.21	292.29	0.32	ppb
Yttrium	89-1				120		%
Yttrium	89-2				117		%
Zinc	66-2	234.69	234.24	232.80	233.91	0.42	ppb
Zirconium	90-1	0.40	0.41	0.39	0.40	1.70	ppb
Zirconium	91-1	0.39	0.41	0.39	0.40	2.67	ppb

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:33:31	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21416.53	21294.77	21160.09	21290.47	0.60	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	2.43	ppb
Arsenic	75-2	1.13	1.21	1.16	1.17	3.69	ppb
Barium	135-1	35.95	37.10	37.49	36.85	2.18	ppb
Barium	137-1	36.64	37.65	37.99	37.43	1.88	ppb
Beryllium	9-1	0.65	0.63	0.74	0.68	8.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.32	0.15	0.23	38.42	ppb
Cadmium	106-1	1.05	1.21	1.18	1.15	7.37	ppb
Cadmium	111-1	0.12	0.12	0.14	0.13	9.22	ppb
Calcium	43-1	75378.92	79253.12	78509.81	77713.95	2.65	ppb
Calcium	44-1	75272.05	77522.18	78288.79	77027.68	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.61	5.62	5.41	5.55	2.11	ppb
Cobalt	59-2	67.50	67.06	65.45	66.67	1.62	ppb
Copper	63-2	13.42	13.35	13.00	13.26	1.69	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				103		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	207037.66	203329.49	198832.36	203066.51	2.02	ppb
Iron	57-2	202602.12	200057.29	195285.65	199315.02	1.86	ppb
Iron	54-2	205933.47	202749.64	199006.29	202563.13	1.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:33:31	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.57	0.59	0.59	0.58	2.15	ppb
Lead	207-1	0.51	0.55	0.53	0.53	4.10	ppb
Lead	208-1	0.54	0.55	0.57	0.55	2.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	31091.50	30799.39	29874.77	30588.56	2.08	ppb
Manganese	55-2	3090.63	3064.31	2991.01	3048.65	1.69	ppb
Molybdenum	94-1	1.58	1.61	1.60	1.60	1.11	ppb
Molybdenum	95-1	0.09	0.10	0.09	0.09	8.28	ppb
Molybdenum	96-1	1.40	1.44	1.41	1.42	1.59	ppb
Molybdenum	97-1	0.09	0.09	0.09	0.09	1.36	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.06	8.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.59	16.31	15.88	16.26	2.22	ppb
Phosphorus	31-2	469.64	490.81	490.60	483.68	2.51	ppb
Potassium	39-2	729.12	708.08	696.86	711.35	2.30	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	0.70	0.78	0.35	0.61	37.07	ppb
Selenium	77-2	13.96	15.12	13.50	14.19	5.87	ppb
Selenium	78-2	0.05	0.89	0.67	0.53	81.18	ppb
Silicon	28-1	11006.82	11600.56	11601.87	11403.08	3.01	ppb
Silver	107-1	0.03	0.03	0.02	0.03	8.38	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.42	ppb
Sodium	23-2	10721.17	10600.88	10286.91	10536.32	2.13	ppb
Strontium	86-1	3831.09	3940.36	3898.05	3889.83	1.42	ppb
Strontium	88-1	3967.29	4095.35	4018.19	4026.94	1.60	ppb
Sulfur	34-1	209052.52	212422.78	216256.93	212577.41	1.70	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.02	0.03	20.02	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.95	ppb
Tin	118-1	0.22	0.23	0.24	0.23	4.09	ppb
Titanium	47-1	3.88	3.96	3.95	3.93	1.16	ppb

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On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:33:31	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.18	2.29	2.32	2.26	3.25	ppb
Vanadium	51-2	220.96	216.66	212.36	216.66	1.98	ppb
Yttrium	89-1				123		%
Yttrium	89-2				119		%
Zinc	66-2	248.46	244.83	238.68	243.99	2.03	ppb
Zirconium	90-1	0.79	0.83	0.82	0.81	2.33	ppb
Zirconium	91-1	0.84	0.83	0.86	0.84	1.60	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:36:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19943.39	19554.93	19535.99	19678.10	1.17	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	7.54	ppb
Arsenic	75-2	1.19	1.37	1.14	1.24	9.47	ppb
Barium	135-1	37.04	37.22	37.03	37.10	0.28	ppb
Barium	137-1	37.63	37.70	37.99	37.77	0.50	ppb
Beryllium	9-1	0.66	0.67	0.62	0.65	3.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.19	0.07	0.17	51.89	ppb
Cadmium	106-1	2.09	1.16	0.16	1.14	85.25	ppb
Cadmium	111-1	0.22	0.16	0.07	0.15	48.66	ppb
Calcium	43-1	91642.10	92268.36	94501.54	92804.00	1.62	ppb
Calcium	44-1	92197.26	92067.53	93377.95	92547.58	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.77	4.69	4.71	4.72	0.88	ppb
Cobalt	59-2	61.77	62.28	62.01	62.02	0.41	ppb
Copper	63-2	10.18	10.14	10.06	10.13	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	199442.42	199109.54	198319.73	198957.23	0.29	ppb
Iron	57-2	198958.67	197696.92	197454.56	198036.72	0.41	ppb
Iron	54-2	197647.46	200106.06	198883.17	198878.90	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:36:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.42	0.44	0.45	0.44	3.54	ppb
Lead	207-1	0.42	0.41	0.43	0.42	3.05	ppb
Lead	208-1	0.41	0.42	0.43	0.42	2.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	31195.97	31151.49	31267.62	31205.02	0.19	ppb
Manganese	55-2	3473.13	3524.35	3476.25	3491.24	0.82	ppb
Molybdenum	94-1	1.28	1.30	1.33	1.30	1.90	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.08	9.30	ppb
Molybdenum	96-1	1.30	1.33	1.34	1.33	1.50	ppb
Molybdenum	97-1	0.08	0.09	0.09	0.08	7.14	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.64	15.70	15.11	15.48	2.10	ppb
Phosphorus	31-2	379.76	377.14	371.07	375.99	1.19	ppb
Potassium	39-2	701.48	698.63	702.09	700.73	0.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	0.55	0.44	0.62	0.54	17.56	ppb
Selenium	77-2	12.70	14.76	13.91	13.79	7.48	ppb
Selenium	78-2	0.75	1.52	1.29	1.19	33.13	ppb
Silicon	28-1	10100.80	10126.58	10297.81	10175.06	1.05	ppb
Silver	107-1	0.03	0.02	0.02	0.02	12.65	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.72	ppb
Sodium	23-2	9442.34	9334.84	9376.62	9384.60	0.58	ppb
Strontium	86-1	4296.39	4307.92	4356.72	4320.35	0.74	ppb
Strontium	88-1	4446.71	4478.94	4485.33	4470.33	0.46	ppb
Sulfur	34-1	217978.55	219476.73	220839.28	219431.52	0.65	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.02	0.02	12.78	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.07	ppb
Tin	118-1	0.17	0.19	0.18	0.18	5.47	ppb
Titanium	47-1	3.34	3.25	3.34	3.31	1.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:36:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.39	2.42	2.46	2.42	1.40	ppb
Vanadium	51-2	217.72	217.93	217.33	217.66	0.14	ppb
Yttrium	89-1				123		%
Yttrium	89-2				116		%
Zinc	66-2	231.93	233.00	230.87	231.94	0.46	ppb
Zirconium	90-1	0.64	0.63	0.64	0.64	0.97	ppb
Zirconium	91-1	0.64	0.63	0.67	0.65	2.96	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-12DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-12-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:39:49	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33149.76	33315.41	33424.27	33296.48	0.42	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.31	ppb
Arsenic	75-2	1.52	1.73	1.53	1.59	7.54	ppb
Barium	135-1	32.15	32.79	32.85	32.60	1.18	ppb
Barium	137-1	32.98	33.26	33.56	33.27	0.88	ppb
Beryllium	9-1	0.16	0.16	0.19	0.17	11.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.19	0.27	0.18	44.65	ppb
Cadmium	106-1	0.67	0.99	0.14	0.60	71.41	ppb
Cadmium	111-1	0.14	0.15	0.07	0.12	33.65	ppb
Calcium	43-1	46705.09	48033.90	47080.00	47273.00	1.45	ppb
Calcium	44-1	45936.82	47791.84	47651.25	47126.63	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.24	16.06	16.17	16.16	0.57	ppb
Cobalt	59-2	55.50	55.67	55.56	55.58	0.15	ppb
Copper	63-2	31.34	31.39	31.30	31.34	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	152645.70	151617.41	152207.30	152156.80	0.34	ppb
Iron	57-2	151417.07	148999.56	151420.64	150612.42	0.93	ppb
Iron	54-2	152102.18	151487.03	152214.20	151934.47	0.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-12DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-12-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:39:49	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.41	1.41	1.40	1.41	0.36	ppb
Lead	207-1	1.31	1.29	1.31	1.30	0.97	ppb
Lead	208-1	1.34	1.35	1.36	1.35	0.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	44661.35	44709.52	44440.36	44603.74	0.32	ppb
Manganese	55-2	1212.08	1200.70	1208.55	1207.11	0.48	ppb
Molybdenum	94-1	0.88	0.91	0.97	0.92	4.91	ppb
Molybdenum	95-1	0.07	0.06	0.08	0.07	15.86	ppb
Molybdenum	96-1	1.07	1.14	1.12	1.11	3.23	ppb
Molybdenum	97-1	0.10	0.10	0.09	0.10	7.65	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.18	71.57	72.47	72.07	0.64	ppb
Phosphorus	31-2	1164.80	1188.36	1193.25	1182.14	1.29	ppb
Potassium	39-2	901.30	902.46	894.29	899.35	0.49	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	0.98	0.52	0.45	0.65	44.10	ppb
Selenium	77-2	13.33	14.13	11.67	13.04	9.64	ppb
Selenium	78-2	1.64	1.96	1.11	1.57	27.27	ppb
Silicon	28-1	8555.19	8810.15	8933.19	8766.18	2.20	ppb
Silver	107-1	0.04	0.04	0.04	0.04	9.12	ppb
Silver	109-1	0.03	0.04	0.04	0.04	17.21	ppb
Sodium	23-2	23296.63	23243.30	23292.86	23277.60	0.13	ppb
Strontium	86-1	2909.46	3043.07	3047.78	3000.10	2.62	ppb
Strontium	88-1	3058.82	3118.86	3094.82	3090.83	0.98	ppb
Sulfur	34-1	213474.15	220269.68	222484.38	218742.73	2.15	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.03	0.03	5.65	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	13.22	ppb
Tin	118-1	0.12	0.13	0.14	0.13	4.72	ppb
Titanium	47-1	3.99	3.95	4.21	4.05	3.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-12DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-12-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:39:49	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.08	2.12	2.15	2.12	1.74	ppb
Vanadium	51-2	279.63	278.20	277.44	278.42	0.40	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	297.75	298.50	300.13	298.80	0.41	ppb
Zirconium	90-1	0.42	0.44	0.45	0.44	3.12	ppb
Zirconium	91-1	0.42	0.49	0.44	0.45	7.82	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-14DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-13-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:43:00	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25015.33	24952.41	25238.78	25068.84	0.60	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	5.88	ppb
Arsenic	75-2	1.78	1.72	1.92	1.81	5.62	ppb
Barium	135-1	35.42	35.55	35.37	35.45	0.27	ppb
Barium	137-1	35.93	36.27	35.86	36.02	0.60	ppb
Beryllium	9-1	0.21	0.26	0.23	0.23	11.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.07	0.23	0.16	52.10	ppb
Cadmium	106-1	0.74	1.23	0.44	0.80	49.80	ppb
Cadmium	111-1	0.13	0.15	0.10	0.12	21.88	ppb
Calcium	43-1	57403.87	58680.01	60849.69	58977.85	2.95	ppb
Calcium	44-1	58406.80	57850.28	58345.42	58200.83	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.82	14.58	14.66	14.69	0.85	ppb
Cobalt	59-2	59.08	58.77	58.20	58.68	0.76	ppb
Copper	63-2	27.88	27.68	27.90	27.82	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				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	172806.33	173775.23	173776.33	173452.63	0.32	ppb
Iron	57-2	172894.01	170748.04	171514.10	171718.72	0.63	ppb
Iron	54-2	175392.69	174443.76	174502.73	174779.73	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-14DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-13-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:43:00	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.06	1.03	1.04	1.04	1.10	ppb
Lead	207-1	0.97	0.98	0.97	0.97	0.57	ppb
Lead	208-1	1.01	0.99	1.02	1.01	1.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	43503.63	43625.02	43862.44	43663.70	0.42	ppb
Manganese	55-2	1669.06	1651.99	1663.10	1661.39	0.52	ppb
Molybdenum	94-1	1.02	1.04	1.09	1.05	3.30	ppb
Molybdenum	95-1	0.10	0.09	0.08	0.09	9.48	ppb
Molybdenum	96-1	1.22	1.29	1.28	1.27	3.21	ppb
Molybdenum	97-1	0.11	0.10	0.12	0.11	9.50	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.84	64.18	63.62	63.88	0.44	ppb
Phosphorus	31-2	1062.81	1056.83	1050.00	1056.55	0.61	ppb
Potassium	39-2	929.41	922.67	920.25	924.11	0.51	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	0.44	0.22	0.40	0.35	32.70	ppb
Selenium	77-2	14.57	12.17	13.18	13.31	9.06	ppb
Selenium	78-2	1.75	1.74	1.41	1.63	11.79	ppb
Silicon	28-1	9386.20	9507.33	9542.57	9478.70	0.87	ppb
Silver	107-1	0.03	0.04	0.03	0.03	18.01	ppb
Silver	109-1	0.03	0.04	0.03	0.03	14.96	ppb
Sodium	23-2	26858.81	26611.12	26609.08	26693.00	0.54	ppb
Strontium	86-1	3558.24	3591.31	3621.02	3590.19	0.87	ppb
Strontium	88-1	3691.70	3690.44	3718.20	3700.11	0.42	ppb
Sulfur	34-1	218781.99	217439.42	217838.94	218020.12	0.32	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.02	0.02	20.75	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.93	ppb
Tin	118-1	0.48	0.49	0.48	0.48	0.55	ppb
Titanium	47-1	5.22	5.21	5.56	5.33	3.74	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-14DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-13-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:43:00	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.11	2.14	2.13	2.12	0.78	ppb
Vanadium	51-2	270.00	270.64	270.25	270.30	0.12	ppb
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	291.90	286.19	287.93	288.68	1.01	ppb
Zirconium	90-1	0.48	0.49	0.48	0.49	0.84	ppb
Zirconium	91-1	0.49	0.45	0.49	0.48	4.88	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-16DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-14-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:46:07	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32836.29	32636.49	32275.02	32582.60	0.87	ppb
Antimony	121-1	0.49	0.49	0.50	0.49	1.74	ppb
Arsenic	75-2	1.48	1.57	1.45	1.50	3.99	ppb
Barium	135-1	34.53	35.23	35.75	35.17	1.74	ppb
Barium	137-1	35.44	35.64	36.09	35.72	0.93	ppb
Beryllium	9-1	0.21	0.20	0.24	0.22	8.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.23	0.17	0.33	0.24	31.22	ppb
Cadmium	106-1	1.52	1.11	0.54	1.06	46.32	ppb
Cadmium	111-1	0.20	0.18	0.14	0.17	17.07	ppb
Calcium	43-1	45352.00	45689.24	45579.15	45540.13	0.38	ppb
Calcium	44-1	45536.34	45413.69	45427.93	45459.32	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.39	16.38	16.24	16.34	0.50	ppb
Cobalt	59-2	54.69	54.94	54.92	54.85	0.25	ppb
Copper	63-2	30.87	30.87	30.71	30.82	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	136788.05	137743.63	137029.87	137187.18	0.36	ppb
Iron	57-2	135604.87	135860.75	135298.79	135588.14	0.21	ppb
Iron	54-2	136014.08	137879.15	137900.78	137264.67	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-16DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-14-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:46:07	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.08	2.10	2.13	2.10	1.26	ppb
Lead	207-1	1.91	1.98	1.92	1.93	1.98	ppb
Lead	208-1	1.99	2.05	2.03	2.02	1.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	45156.82	45061.52	44770.21	44996.18	0.45	ppb
Manganese	55-2	1311.30	1329.90	1318.15	1319.78	0.71	ppb
Molybdenum	94-1	0.76	0.74	0.79	0.76	3.22	ppb
Molybdenum	95-1	0.09	0.09	0.08	0.09	7.62	ppb
Molybdenum	96-1	1.03	1.07	1.03	1.04	2.26	ppb
Molybdenum	97-1	0.10	0.11	0.11	0.11	7.29	ppb
Molybdenum	98-1	0.07	0.09	0.07	0.08	10.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.86	66.69	67.42	66.99	0.57	ppb
Phosphorus	31-2	837.74	785.48	809.14	810.79	3.23	ppb
Potassium	39-2	866.18	868.04	866.48	866.90	0.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	0.26	0.02	0.39	0.23	83.62	ppb
Selenium	77-2	14.17	12.86	13.11	13.38	5.18	ppb
Selenium	78-2	1.29	0.79	1.76	1.28	38.14	ppb
Silicon	28-1	8410.30	8428.20	8492.43	8443.64	0.51	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.21	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.31	ppb
Sodium	23-2	21678.36	21734.47	21519.00	21643.94	0.52	ppb
Strontium	86-1	2628.27	2651.71	2648.63	2642.87	0.48	ppb
Strontium	88-1	2724.15	2725.32	2739.74	2729.74	0.32	ppb
Sulfur	34-1	225830.35	222094.50	224557.79	224160.88	0.85	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.03	0.03	20.02	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	6.39	ppb
Tin	118-1	0.48	0.49	0.50	0.49	2.65	ppb
Titanium	47-1	5.30	5.01	5.27	5.19	3.09	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-16DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-14-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:46:07	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.97	2.06	2.07	2.03	2.68	ppb
Vanadium	51-2	267.84	268.73	269.11	268.56	0.24	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	291.07	293.49	290.58	291.71	0.54	ppb
Zirconium	90-1	0.34	0.36	0.33	0.34	3.74	ppb
Zirconium	91-1	0.32	0.35	0.35	0.34	5.16	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-18DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-06R-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:49:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20275.73	19972.40	19833.34	20027.16	1.13	ppb
Antimony	121-1	2.21	2.26	2.28	2.25	1.57	ppb
Arsenic	75-2	1.48	1.52	1.56	1.52	2.71	ppb
Barium	135-1	39.20	39.93	40.34	39.82	1.45	ppb
Barium	137-1	39.76	40.67	40.62	40.35	1.26	ppb
Beryllium	9-1	0.49	0.52	0.44	0.48	9.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.22	0.31	0.22	41.10	ppb
Cadmium	106-1	1.64	1.34	1.22	1.40	15.35	ppb
Cadmium	111-1	0.17	0.15	0.17	0.16	7.78	ppb
Calcium	43-1	87692.53	87411.98	88360.49	87821.67	0.55	ppb
Calcium	44-1	87103.53	87221.65	87340.56	87221.91	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.51	8.50	8.38	8.47	0.90	ppb
Cobalt	59-2	63.07	62.09	61.92	62.36	1.00	ppb
Copper	63-2	16.99	16.74	16.58	16.77	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	199116.84	198609.51	198581.95	198769.43	0.15	ppb
Iron	57-2	201700.29	197770.10	195865.34	198445.25	1.50	ppb
Iron	54-2	204138.13	200068.12	197156.36	200454.20	1.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-18DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-06R-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:49:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.60	0.58	0.62	0.60	3.42	ppb
Lead	207-1	0.57	0.54	0.54	0.55	3.18	ppb
Lead	208-1	0.57	0.57	0.58	0.57	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	37630.96	36992.86	36892.30	37172.04	1.08	ppb
Manganese	55-2	3037.18	2999.10	2983.86	3006.71	0.91	ppb
Molybdenum	94-1	1.05	1.03	1.04	1.04	0.80	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	2.29	ppb
Molybdenum	96-1	1.38	1.30	1.34	1.34	2.81	ppb
Molybdenum	97-1	0.09	0.12	0.12	0.11	12.62	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.06	8.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.98	35.63	35.03	35.55	1.35	ppb
Phosphorus	31-2	352.40	360.38	357.53	356.77	1.13	ppb
Potassium	39-2	869.66	853.16	845.20	856.01	1.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	82-1	0.40	0.77	0.53	0.57	33.27	ppb
Selenium	77-2	13.04	16.30	16.38	15.24	12.50	ppb
Selenium	78-2	1.66	0.76	0.84	1.09	46.20	ppb
Silicon	28-1	9981.44	10256.46	10134.64	10124.18	1.36	ppb
Silver	107-1	0.04	0.03	0.03	0.03	7.66	ppb
Silver	109-1	0.03	0.04	0.04	0.03	16.53	ppb
Sodium	23-2	19729.66	19260.39	19058.04	19349.36	1.78	ppb
Strontium	86-1	4436.87	4449.59	4443.40	4443.29	0.14	ppb
Strontium	88-1	4585.65	4631.36	4610.82	4609.28	0.50	ppb
Sulfur	34-1	230648.24	226556.59	227439.80	228214.88	0.94	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.02	0.02	16.84	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.34	ppb
Tin	118-1	0.14	0.17	0.17	0.16	10.23	ppb
Titanium	47-1	2.97	3.14	3.09	3.07	2.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-18DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-06R-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:49:18	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.57	2.59	2.54	2.56	1.04	ppb
Vanadium	51-2	253.25	249.58	250.37	251.07	0.77	ppb
Yttrium	89-1				124		%
Yttrium	89-2				117		%
Zinc	66-2	266.80	261.37	258.96	262.37	1.53	ppb
Zirconium	90-1	0.48	0.49	0.48	0.48	1.28	ppb
Zirconium	91-1	0.49	0.48	0.45	0.47	4.69	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165699TB	Instrumnet Name :	P7
Client Sample ID :	PB165699TB	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:52:26	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.12	3.32	3.21	3.21	3.12	ppb
Antimony	121-1	1.75	1.74	1.78	1.76	1.39	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	56.69	ppb
Barium	135-1	0.01	0.03	0.01	0.02	42.16	ppb
Barium	137-1	0.02	0.03	0.02	0.02	25.47	ppb
Beryllium	9-1	0.03	0.00	0.03	0.02	84.85	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.06	-0.03	0.00	1305.80	ppb
Cadmium	106-1	-1.40	-1.53	-1.64	-1.52		ppb
Cadmium	111-1	-0.09	-0.11	-0.11	-0.10		ppb
Calcium	43-1	23.89	18.47	11.44	17.93	34.79	ppb
Calcium	44-1	20.00	12.28	9.29	13.85	39.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.19	0.18	0.19	4.19	ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	22.23	ppb
Copper	63-2	0.06	0.06	0.05	0.06	4.75	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				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	12.97	12.13	10.73	11.94	9.45	ppb
Iron	57-2	13.98	14.42	12.11	13.50	9.11	ppb
Iron	54-2	15.59	13.18	11.44	13.41	15.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165699TB	Instrumnet Name :	P7
Client Sample ID :	PB165699TB	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:52:26	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.14	0.13	0.13	1.12	ppb
Lead	207-1	0.15	0.15	0.14	0.15	5.13	ppb
Lead	208-1	0.14	0.14	0.14	0.14	2.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.56	2.52	2.20	2.43	8.11	ppb
Manganese	55-2	1.78	1.74	1.74	1.75	1.19	ppb
Molybdenum	94-1	0.02	0.02	0.00	0.01	71.12	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	69.74	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	68.55	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	24.33	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	85.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.14	0.07	0.10	35.56	ppb
Phosphorus	31-2	-14.91	-18.54	-13.78	-15.74		ppb
Potassium	39-2	4.71	3.38	3.61	3.90	18.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.29	-0.27	-0.44	-0.33		ppb
Selenium	77-2	0.01	-0.16	-0.16	-0.10		ppb
Selenium	78-2	-0.22	0.22	-1.17	-0.39		ppb
Silicon	28-1	-3.10	-2.88	-3.74	-3.24		ppb
Silver	107-1	0.00	0.00	0.00	0.00	16.75	ppb
Silver	109-1	0.00	0.00	0.00	0.00	27.40	ppb
Sodium	23-2	130.87	130.48	128.55	129.97	0.96	ppb
Strontium	86-1	0.74	0.28	0.16	0.40	77.00	ppb
Strontium	88-1	1.18	0.89	0.69	0.92	26.95	ppb
Sulfur	34-1	3236.74	3231.34	3225.40	3231.16	0.18	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.00	0.00	71.11	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.11	0.13	0.11	17.44	ppb
Titanium	47-1	0.06	0.08	0.07	0.07	18.55	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165699TB	Instrumnet Name :	P7
Client Sample ID :	PB165699TB	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:52:26	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	66.91	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	21.85	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.69	0.70	0.81	0.73	9.63	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	234.14	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	170.50	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:55:45	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51828.04	51522.72	51312.50	51554.42	0.50	ppb
Antimony	121-1	510.17	506.56	498.45	505.06	1.19	ppb
Arsenic	75-2	504.19	504.31	502.60	503.70	0.19	ppb
Barium	135-1	2580.57	2581.66	2564.96	2575.73	0.36	ppb
Barium	137-1	2582.50	2626.54	2556.79	2588.61	1.36	ppb
Beryllium	9-1	491.15	502.42	492.00	495.19	1.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.83	496.09	502.40	499.44	0.63	ppb
Cadmium	106-1	501.76	501.70	498.57	500.68	0.36	ppb
Cadmium	111-1	478.86	477.82	476.09	477.59	0.29	ppb
Calcium	43-1	260243.52	260798.51	261145.64	260729.22	0.17	ppb
Calcium	44-1	262662.84	260600.52	261585.85	261616.40	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.82	511.62	516.91	513.78	0.54	ppb
Cobalt	59-2	501.18	498.33	502.05	500.52	0.39	ppb
Copper	63-2	4837.28	4868.26	4846.04	4850.53	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				102		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	129652.87	131552.36	130575.40	130593.54	0.73	ppb
Iron	57-2	128938.91	130464.53	130005.08	129802.84	0.60	ppb
Iron	54-2	130570.45	131117.23	131159.56	130949.08	0.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:55:45	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2592.04	2587.00	2554.58	2577.87	0.79	ppb
Lead	207-1	2586.18	2560.94	2539.35	2562.16	0.91	ppb
Lead	208-1	2577.74	2571.26	2548.97	2565.99	0.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	241643.53	241298.42	241592.76	241511.57	0.08	ppb
Manganese	55-2	5071.41	5103.74	5075.77	5083.64	0.35	ppb
Molybdenum	94-1	5071.03	5131.79	5057.28	5086.70	0.78	ppb
Molybdenum	95-1	5123.06	5090.46	5065.98	5093.17	0.56	ppb
Molybdenum	96-1	5111.06	5160.43	5133.81	5135.10	0.48	ppb
Molybdenum	97-1	5077.91	5129.83	5076.82	5094.86	0.59	ppb
Molybdenum	98-1	5051.42	5137.22	5065.36	5084.67	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.06	472.57	474.28	472.30	0.45	ppb
Phosphorus	31-2	10094.41	10184.23	10156.41	10145.02	0.45	ppb
Potassium	39-2	127234.98	128048.02	127593.04	127625.35	0.32	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	82-1	478.39	491.14	483.79	484.44	1.32	ppb
Selenium	77-2	476.60	479.79	489.73	482.04	1.42	ppb
Selenium	78-2	493.02	492.02	492.06	492.37	0.12	ppb
Silicon	28-1	207.56	204.93	209.44	207.31	1.09	ppb
Silver	107-1	502.93	494.15	497.47	498.18	0.89	ppb
Silver	109-1	503.14	497.29	501.52	500.65	0.60	ppb
Sodium	23-2	248742.49	251630.23	253823.38	251398.70	1.01	ppb
Strontium	86-1	12699.74	12834.07	12779.62	12771.14	0.53	ppb
Strontium	88-1	12682.74	12727.00	12615.24	12674.99	0.44	ppb
Sulfur	34-1	9901.28	9691.00	9793.12	9795.13	1.07	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	524.24	510.84	509.26	514.78	1.60	ppb
Thallium	205-1	521.36	517.59	510.85	516.60	1.03	ppb
Tin	118-1	505.90	511.07	506.69	507.89	0.55	ppb
Titanium	47-1	5018.72	5050.82	5013.95	5027.83	0.40	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:55:45	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.33	505.30	508.96	507.87	0.44	ppb
Vanadium	51-2	514.07	519.16	528.01	520.42	1.36	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	4810.45	4805.28	4793.59	4803.11	0.18	ppb
Zirconium	90-1	505.55	507.00	498.94	503.83	0.85	ppb
Zirconium	91-1	506.49	508.82	507.35	507.55	0.23	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:58:28	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.95	0.85	1.23	1.01	19.29	ppb
Antimony	121-1	0.25	0.22	0.18	0.22	15.80	ppb
Arsenic	75-2	0.00	0.02	0.00	0.01	190.00	ppb
Barium	135-1	0.25	0.12	0.09	0.15	55.83	ppb
Barium	137-1	0.23	0.11	0.07	0.14	62.35	ppb
Beryllium	9-1	0.09	0.08	0.09	0.09	9.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.06	0.03	0.06	48.04	ppb
Cadmium	106-1	-1.54	-1.58	-2.27	-1.80		ppb
Cadmium	111-1	-0.05	-0.08	-0.14	-0.09		ppb
Calcium	43-1	25.24	14.91	10.27	16.80	45.60	ppb
Calcium	44-1	22.55	10.07	5.17	12.60	71.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.01	0.00	643.16	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	17.21	ppb
Copper	63-2	0.15	0.15	0.12	0.14	12.18	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				100		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	3.78	3.68	3.50	3.65	3.82	ppb
Iron	57-2	4.46	3.45	4.38	4.10	13.64	ppb
Iron	54-2	4.36	4.17	3.87	4.14	6.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:58:28	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.15	0.10	0.16	38.19	ppb
Lead	207-1	0.26	0.14	0.12	0.17	44.83	ppb
Lead	208-1	0.24	0.15	0.11	0.17	41.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.07	5.84	5.37	5.76	6.19	ppb
Manganese	55-2	0.15	0.15	0.15	0.15	0.83	ppb
Molybdenum	94-1	0.59	0.39	0.26	0.41	39.72	ppb
Molybdenum	95-1	0.59	0.35	0.24	0.39	44.96	ppb
Molybdenum	96-1	0.57	0.34	0.24	0.38	44.54	ppb
Molybdenum	97-1	0.55	0.34	0.24	0.38	41.87	ppb
Molybdenum	98-1	0.55	0.34	0.25	0.38	39.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.02	0.00		ppb
Phosphorus	31-2	-12.64	-12.84	-13.61	-13.03		ppb
Potassium	39-2	10.75	10.73	8.97	10.15	10.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	-0.19	-0.48	-0.58	-0.42		ppb
Selenium	77-2	-0.16	-0.16	-0.16	-0.16		ppb
Selenium	78-2	-1.05	-0.59	-1.79	-1.14		ppb
Silicon	28-1	-8.12	-11.52	-12.79	-10.81		ppb
Silver	107-1	0.09	0.06	0.05	0.07	27.55	ppb
Silver	109-1	0.08	0.05	0.05	0.06	31.25	ppb
Sodium	23-2	18.00	17.51	18.08	17.86	1.71	ppb
Strontium	86-1	0.97	0.65	0.47	0.70	36.40	ppb
Strontium	88-1	1.17	0.57	0.45	0.73	52.76	ppb
Sulfur	34-1	-63.27	-246.23	-346.73	-218.74		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.05	0.03	0.04	26.42	ppb
Thallium	205-1	0.07	0.04	0.03	0.05	40.78	ppb
Tin	118-1	0.09	0.07	0.05	0.07	31.40	ppb
Titanium	47-1	0.54	0.28	0.23	0.35	47.98	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:58:28	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.02	0.02	0.03	41.07	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	8.39	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	0.15	0.19	0.18	0.17	10.94	ppb
Zirconium	90-1	0.06	0.04	0.03	0.04	29.25	ppb
Zirconium	91-1	0.06	0.04	0.02	0.04	40.34	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:01:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74050.66	74058.88	74795.53	74301.69	0.58	ppb
Antimony	121-1	0.61	0.63	0.62	0.62	1.73	ppb
Arsenic	75-2	245.92	245.81	245.36	245.70	0.12	ppb
Barium	135-1	165.99	167.46	168.95	167.47	0.89	ppb
Barium	137-1	169.30	170.57	170.43	170.10	0.41	ppb
Beryllium	9-1	0.90	0.85	0.97	0.91	6.91	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.17	6.70	6.97	6.62	6.15	ppb
Cadmium	106-1	6.40	6.31	6.04	6.25	2.99	ppb
Cadmium	111-1	6.46	6.53	6.33	6.44	1.56	ppb
Calcium	43-1	9479.80	9706.06	9579.23	9588.37	1.18	ppb
Calcium	44-1	9103.03	9161.26	9074.28	9112.86	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	328.49	323.27	330.02	327.26	1.08	ppb
Cobalt	59-2	95.62	95.39	95.69	95.57	0.16	ppb
Copper	63-2	2480.23	2469.80	2476.87	2475.63	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	158882.62	156231.07	157144.69	157419.46	0.86	ppb
Iron	57-2	155507.22	155635.51	155038.01	155393.58	0.20	ppb
Iron	54-2	157701.33	157360.16	158011.38	157690.96	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:01:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	486.26	489.64	496.62	490.84	1.08	ppb
Lead	207-1	496.25	503.35	502.39	500.66	0.77	ppb
Lead	208-1	488.47	493.55	495.88	492.63	0.77	ppb
Lithium	6-1				110		%
Magnesium	24-2	50948.78	50886.26	51422.12	51085.72	0.57	ppb
Manganese	55-2	2851.92	2836.02	2826.05	2838.00	0.46	ppb
Molybdenum	94-1	7.66	7.89	7.88	7.81	1.64	ppb
Molybdenum	95-1	0.54	0.56	0.57	0.55	2.84	ppb
Molybdenum	96-1	2.46	2.45	2.52	2.48	1.54	ppb
Molybdenum	97-1	0.55	0.59	0.59	0.58	4.03	ppb
Molybdenum	98-1	0.51	0.53	0.52	0.52	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	180.65	181.64	181.79	181.36	0.34	ppb
Phosphorus	31-2	750.46	759.73	769.30	759.83	1.24	ppb
Potassium	39-2	1746.73	1772.75	1765.45	1761.64	0.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				118		%
Scandium	45-2				112		%
Selenium	82-1	1.90	2.33	1.92	2.05	12.01	ppb
Selenium	77-2	8.17	11.94	10.06	10.05	18.73	ppb
Selenium	78-2	2.72	2.62	1.91	2.42	18.30	ppb
Silicon	28-1	2852.20	2918.07	2850.92	2873.73	1.34	ppb
Silver	107-1	3.38	3.38	3.40	3.39	0.39	ppb
Silver	109-1	3.30	3.33	3.38	3.34	1.25	ppb
Sodium	23-2	73.49	73.86	73.03	73.46	0.57	ppb
Strontium	86-1	1023.49	1053.51	1050.44	1042.48	1.58	ppb
Strontium	88-1	1062.99	1089.26	1092.72	1081.66	1.50	ppb
Sulfur	34-1	-1006.12	-1029.62	-1052.95	-1029.56		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.19	0.18	0.18	0.18	1.68	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	1.93	ppb
Tin	118-1	0.17	0.21	0.17	0.18	10.33	ppb
Titanium	47-1	1098.63	1137.06	1126.93	1120.87	1.78	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:01:46	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.53	0.53	0.53	1.01	ppb
Vanadium	51-2	423.31	419.80	421.83	421.65	0.42	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	490.69	489.45	491.22	490.45	0.19	ppb
Zirconium	90-1	3.96	4.07	4.03	4.02	1.39	ppb
Zirconium	91-1	3.95	4.05	4.18	4.06	2.85	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5191-13A	Instrumnet Name :	P7
Client Sample ID :	MYD033ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:04:49	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28263.60	28240.92	28142.33	28215.61	0.23	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	4.02	ppb
Arsenic	75-2	35.08	34.25	34.87	34.73	1.24	ppb
Barium	135-1	190.56	193.99	190.53	191.70	1.04	ppb
Barium	137-1	191.70	196.77	192.86	193.78	1.37	ppb
Beryllium	9-1	0.67	0.75	0.67	0.70	6.72	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.75	0.89	0.62	0.75	17.64	ppb
Cadmium	106-1	-0.04	0.42	-0.28	0.04	1001.13	ppb
Cadmium	111-1	0.13	0.16	0.16	0.15	10.07	ppb
Calcium	43-1	14825.53	15154.86	14969.68	14983.36	1.10	ppb
Calcium	44-1	14142.12	14542.40	14437.52	14374.01	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.02	89.86	89.24	89.37	0.48	ppb
Cobalt	59-2	32.02	32.12	32.15	32.10	0.21	ppb
Copper	63-2	93.36	93.73	93.24	93.44	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				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	65612.78	66073.40	66130.81	65939.00	0.43	ppb
Iron	57-2	65073.92	65281.01	65032.23	65129.05	0.20	ppb
Iron	54-2	66285.88	65886.30	66039.21	66070.46	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5191-13A	Instrumnet Name :	P7
Client Sample ID :	MYD033ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:04:49	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.01	19.42	19.56	19.33	1.47	ppb
Lead	207-1	15.14	15.25	15.23	15.21	0.40	ppb
Lead	208-1	16.22	16.43	16.43	16.36	0.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	21853.35	21825.68	21839.38	21839.47	0.06	ppb
Manganese	55-2	1046.43	1047.54	1055.08	1049.68	0.45	ppb
Molybdenum	94-1	10.28	10.76	10.29	10.44	2.62	ppb
Molybdenum	95-1	0.41	0.41	0.39	0.40	3.19	ppb
Molybdenum	96-1	1.91	1.94	1.92	1.93	0.86	ppb
Molybdenum	97-1	0.41	0.40	0.41	0.41	0.93	ppb
Molybdenum	98-1	0.38	0.41	0.40	0.40	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.65	63.43	63.87	63.65	0.34	ppb
Phosphorus	31-2	1800.02	1803.19	1763.62	1788.94	1.23	ppb
Potassium	39-2	2222.39	2226.50	2239.85	2229.58	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	-0.22	0.15	-0.40	-0.15		ppb
Selenium	77-2	4.13	6.82	4.03	4.99	31.71	ppb
Selenium	78-2	1.34	-0.06	1.75	1.01	93.67	ppb
Silicon	28-1	1354.00	1383.90	1387.56	1375.15	1.34	ppb
Silver	107-1	0.06	0.06	0.05	0.06	8.43	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.02	ppb
Sodium	23-2	272.79	271.95	273.43	272.72	0.27	ppb
Strontium	86-1	1658.32	1679.56	1656.27	1664.72	0.77	ppb
Strontium	88-1	1688.11	1745.72	1716.13	1716.65	1.68	ppb
Sulfur	34-1	-759.40	-692.37	-670.66	-707.48		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.08	0.09	0.09	5.86	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	0.74	ppb
Tin	118-1	0.47	0.48	0.48	0.48	0.76	ppb
Titanium	47-1	1635.27	1651.49	1650.50	1645.75	0.55	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5191-13A	Instrumnet Name :	P7
Client Sample ID :	MYD033ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:04:49	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.37	1.37	1.37	0.33	ppb
Vanadium	51-2	118.06	118.37	117.50	117.98	0.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	169.26	170.57	170.10	169.97	0.39	ppb
Zirconium	90-1	5.49	5.65	5.52	5.56	1.54	ppb
Zirconium	91-1	5.59	5.71	5.58	5.62	1.24	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:08:00	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8402.49	8297.87	8301.82	8334.06	0.71	ppb
Antimony	121-1	290.85	305.92	302.01	299.59	2.61	ppb
Arsenic	75-2	800.43	787.28	797.28	795.00	0.86	ppb
Barium	135-1	118.29	122.82	122.10	121.07	2.01	ppb
Barium	137-1	119.71	124.66	124.47	122.95	2.28	ppb
Beryllium	9-1	0.32	0.36	0.35	0.34	5.79	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.70	2.87	3.08	2.88	6.53	ppb
Cadmium	106-1	2.08	2.07	1.54	1.90	16.38	ppb
Cadmium	111-1	1.31	1.44	1.39	1.38	4.65	ppb
Calcium	43-1	7092.64	7359.89	7260.79	7237.77	1.87	ppb
Calcium	44-1	6803.59	7152.09	6870.01	6941.90	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.81	21.67	21.43	21.64	0.89	ppb
Cobalt	59-2	81.81	80.70	80.05	80.85	1.10	ppb
Copper	63-2	519.30	509.33	503.90	510.84	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	51198.37	50811.54	50153.78	50721.23	1.04	ppb
Iron	57-2	50867.68	49397.15	49249.42	49838.08	1.80	ppb
Iron	54-2	51250.38	50683.57	50794.58	50909.51	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:08:00	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	766.91	790.08	788.77	781.92	1.66	ppb
Lead	207-1	773.91	782.07	779.17	778.38	0.53	ppb
Lead	208-1	767.08	782.17	781.71	776.99	1.10	ppb
Lithium	6-1				107		%
Magnesium	24-2	4932.53	4920.20	4836.73	4896.49	1.06	ppb
Manganese	55-2	354.61	342.47	344.77	347.29	1.86	ppb
Molybdenum	94-1	18.34	19.54	19.09	18.99	3.20	ppb
Molybdenum	95-1	10.39	10.82	10.53	10.58	2.08	ppb
Molybdenum	96-1	11.66	12.12	11.89	11.89	1.95	ppb
Molybdenum	97-1	10.44	10.98	10.78	10.73	2.53	ppb
Molybdenum	98-1	10.33	10.81	10.61	10.59	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.75	22.97	23.07	23.26	1.81	ppb
Phosphorus	31-2	699.99	697.25	678.02	691.75	1.73	ppb
Potassium	39-2	2099.69	2106.13	2105.08	2103.63	0.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.96	0.31	0.22	0.50	81.53	ppb
Selenium	77-2	2.36	4.36	2.80	3.17	33.14	ppb
Selenium	78-2	0.23	-0.17	2.15	0.74	168.72	ppb
Silicon	28-1	1145.04	1176.59	1173.34	1164.99	1.49	ppb
Silver	107-1	1.46	1.58	1.53	1.52	4.07	ppb
Silver	109-1	1.46	1.57	1.51	1.51	3.78	ppb
Sodium	23-2	6311.06	6265.82	6245.41	6274.10	0.54	ppb
Strontium	86-1	1440.21	1513.48	1498.04	1483.91	2.60	ppb
Strontium	88-1	1503.85	1553.97	1524.95	1527.59	1.65	ppb
Sulfur	34-1	685.33	846.56	692.13	741.34	12.30	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.34	0.38	0.35	0.35	5.46	ppb
Thallium	205-1	0.35	0.35	0.36	0.35	1.58	ppb
Tin	118-1	98.46	102.53	101.61	100.87	2.12	ppb
Titanium	47-1	362.21	374.66	368.99	368.62	1.69	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:08:00	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.04	1.03	1.03	1.77	ppb
Vanadium	51-2	30.07	29.50	29.38	29.65	1.25	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	3597.02	3506.30	3550.28	3551.20	1.28	ppb
Zirconium	90-1	5.50	5.71	5.60	5.60	1.83	ppb
Zirconium	91-1	5.72	5.95	5.92	5.86	2.17	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:11:01	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8282.63	8353.65	8235.81	8290.70	0.72	ppb
Antimony	121-1	296.95	303.31	300.49	300.25	1.06	ppb
Arsenic	75-2	782.17	800.20	805.34	795.90	1.53	ppb
Barium	135-1	118.75	122.58	121.76	121.03	1.67	ppb
Barium	137-1	120.01	124.25	123.18	122.48	1.80	ppb
Beryllium	9-1	0.35	0.34	0.34	0.34	1.98	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.69	2.58	3.12	2.80	10.19	ppb
Cadmium	106-1	2.17	2.39	2.31	2.29	4.93	ppb
Cadmium	111-1	1.36	1.45	1.38	1.40	3.34	ppb
Calcium	43-1	7112.96	7227.78	7297.56	7212.77	1.29	ppb
Calcium	44-1	6808.30	6940.79	6934.47	6894.52	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.76	21.73	21.82	21.77	0.21	ppb
Cobalt	59-2	80.51	80.55	81.20	80.75	0.48	ppb
Copper	63-2	508.08	510.16	520.77	513.00	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	50599.93	51233.05	50721.44	50851.47	0.66	ppb
Iron	57-2	49547.11	50298.99	50198.83	50014.97	0.82	ppb
Iron	54-2	50858.55	50892.27	50757.42	50836.08	0.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:11:01	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	768.28	786.07	786.42	780.26	1.33	ppb
Lead	207-1	774.27	774.91	794.52	781.24	1.47	ppb
Lead	208-1	764.96	777.98	787.50	776.82	1.46	ppb
Lithium	6-1				106		%
Magnesium	24-2	4799.32	4837.80	4922.78	4853.30	1.30	ppb
Manganese	55-2	350.16	348.48	346.88	348.51	0.47	ppb
Molybdenum	94-1	18.42	19.00	18.78	18.73	1.56	ppb
Molybdenum	95-1	10.32	10.66	10.52	10.50	1.65	ppb
Molybdenum	96-1	11.66	11.95	11.80	11.80	1.24	ppb
Molybdenum	97-1	10.43	10.74	10.53	10.56	1.51	ppb
Molybdenum	98-1	10.36	10.74	10.58	10.56	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.84	23.16	23.75	23.25	1.98	ppb
Phosphorus	31-2	706.34	707.57	731.33	715.08	1.97	ppb
Potassium	39-2	2055.77	2118.75	2152.60	2109.04	2.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.77	-0.02	0.78	0.51	90.27	ppb
Selenium	77-2	2.28	1.88	2.21	2.13	10.13	ppb
Selenium	78-2	-0.05	1.60	0.33	0.63	138.22	ppb
Silicon	28-1	1140.41	1179.57	1193.44	1171.14	2.35	ppb
Silver	107-1	1.45	1.55	1.51	1.50	3.20	ppb
Silver	109-1	1.45	1.49	1.52	1.49	2.54	ppb
Sodium	23-2	6267.70	6226.72	6317.50	6270.64	0.73	ppb
Strontium	86-1	1441.04	1474.86	1484.12	1466.67	1.55	ppb
Strontium	88-1	1493.59	1538.80	1530.53	1520.97	1.58	ppb
Sulfur	34-1	516.36	646.19	687.31	616.62	14.47	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.32	0.32	0.32	1.34	ppb
Thallium	205-1	0.31	0.31	0.33	0.32	4.37	ppb
Tin	118-1	98.99	101.47	101.49	100.65	1.43	ppb
Titanium	47-1	360.16	371.50	371.47	367.71	1.78	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:11:01	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.02	1.03	1.02	1.02	ppb
Vanadium	51-2	29.76	29.59	29.69	29.68	0.30	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	3516.50	3532.80	3617.00	3555.43	1.52	ppb
Zirconium	90-1	5.47	5.65	5.55	5.55	1.59	ppb
Zirconium	91-1	5.63	5.78	5.79	5.73	1.60	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	10
Date & Time Acquired :	2024-12-23 14:14:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1667.54	1655.34	1639.59	1654.16	0.85	ppb
Antimony	121-1	55.78	57.70	57.88	57.12	2.04	ppb
Arsenic	75-2	166.04	165.31	164.43	165.26	0.49	ppb
Barium	135-1	23.87	24.97	24.66	24.50	2.32	ppb
Barium	137-1	23.97	24.91	25.01	24.63	2.34	ppb
Beryllium	9-1	0.09	0.10	0.07	0.09	19.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.62	0.80	0.69	0.70	12.98	ppb
Cadmium	106-1	-0.42	-1.40	-1.16	-0.99		ppb
Cadmium	111-1	0.22	0.17	0.13	0.17	27.23	ppb
Calcium	43-1	1427.25	1469.06	1484.49	1460.27	2.03	ppb
Calcium	44-1	1439.78	1472.03	1482.95	1464.92	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.44	4.30	4.42	4.39	1.76	ppb
Cobalt	59-2	16.40	16.47	16.56	16.48	0.47	ppb
Copper	63-2	100.63	100.28	100.33	100.42	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	10225.95	10270.37	10194.40	10230.24	0.37	ppb
Iron	57-2	10321.10	10383.31	10227.13	10310.51	0.76	ppb
Iron	54-2	10313.57	10281.14	10314.80	10303.17	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	10
Date & Time Acquired :	2024-12-23 14:14:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	144.67	146.65	147.44	146.25	0.97	ppb
Lead	207-1	140.04	143.38	144.23	142.55	1.55	ppb
Lead	208-1	147.95	151.19	153.01	150.72	1.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	973.34	976.27	958.54	969.38	0.98	ppb
Manganese	55-2	69.36	68.89	67.79	68.68	1.17	ppb
Molybdenum	94-1	3.79	3.81	3.84	3.81	0.58	ppb
Molybdenum	95-1	2.18	2.17	2.19	2.18	0.63	ppb
Molybdenum	96-1	2.35	2.46	2.41	2.41	2.24	ppb
Molybdenum	97-1	2.14	2.10	2.15	2.13	1.05	ppb
Molybdenum	98-1	2.13	2.18	2.12	2.14	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.87	4.86	4.64	4.79	2.73	ppb
Phosphorus	31-2	127.68	121.80	127.08	125.52	2.57	ppb
Potassium	39-2	445.29	443.68	444.62	444.53	0.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.28	-0.23	-0.32	-0.09		ppb
Selenium	77-2	0.98	1.30	0.49	0.92	44.05	ppb
Selenium	78-2	-0.14	-0.14	-0.87	-0.38		ppb
Silicon	28-1	231.50	238.24	242.95	237.57	2.42	ppb
Silver	107-1	0.29	0.31	0.32	0.31	5.32	ppb
Silver	109-1	0.30	0.30	0.29	0.30	2.30	ppb
Sodium	23-2	1264.08	1256.47	1237.64	1252.73	1.09	ppb
Strontium	86-1	294.99	300.05	302.57	299.20	1.29	ppb
Strontium	88-1	296.15	300.22	301.24	299.20	0.90	ppb
Sulfur	34-1	-753.33	-677.28	-649.35	-693.32		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.07	0.08	0.07	1.45	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	4.20	ppb
Tin	118-1	20.02	20.74	20.68	20.48	1.96	ppb
Titanium	47-1	72.88	74.54	75.56	74.32	1.82	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	10
Date & Time Acquired :	2024-12-23 14:14:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.21	0.20	0.93	ppb
Vanadium	51-2	6.03	6.03	5.99	6.01	0.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	700.11	699.41	694.72	698.08	0.42	ppb
Zirconium	90-1	1.10	1.12	1.14	1.12	2.02	ppb
Zirconium	91-1	1.15	1.23	1.16	1.18	3.58	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:17:18	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8576.54	8657.31	8566.62	8600.16	0.58	ppb
Antimony	121-1	317.36	320.71	322.45	320.17	0.81	ppb
Arsenic	75-2	826.01	824.82	820.92	823.91	0.32	ppb
Barium	135-1	327.99	334.19	336.69	332.96	1.35	ppb
Barium	137-1	351.85	356.42	355.12	354.46	0.66	ppb
Beryllium	9-1	5.61	5.75	5.81	5.72	1.79	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.34	8.54	8.18	8.36	2.14	ppb
Cadmium	106-1	7.04	7.20	7.06	7.10	1.22	ppb
Cadmium	111-1	6.99	7.03	7.15	7.06	1.22	ppb
Calcium	43-1	7476.22	7495.57	7573.82	7515.20	0.69	ppb
Calcium	44-1	7134.91	7066.23	7122.49	7107.87	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.82	43.34	43.77	43.64	0.60	ppb
Cobalt	59-2	134.56	135.94	135.72	135.40	0.55	ppb
Copper	63-2	539.90	544.70	542.36	542.32	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	51639.58	51667.72	51464.42	51590.57	0.21	ppb
Iron	57-2	50963.72	50745.92	51347.25	51018.96	0.60	ppb
Iron	54-2	51451.34	51963.30	52570.82	51995.15	1.08	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:17:18	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	780.46	785.29	790.66	785.47	0.65	ppb
Lead	207-1	788.36	788.43	807.88	794.89	1.42	ppb
Lead	208-1	786.64	789.86	798.77	791.75	0.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	4952.76	4932.19	4856.83	4913.93	1.03	ppb
Manganese	55-2	403.01	403.04	402.36	402.80	0.10	ppb
Molybdenum	94-1	19.04	19.44	19.01	19.16	1.25	ppb
Molybdenum	95-1	10.77	10.82	10.93	10.84	0.76	ppb
Molybdenum	96-1	12.14	12.01	12.16	12.10	0.67	ppb
Molybdenum	97-1	10.94	10.90	10.96	10.93	0.24	ppb
Molybdenum	98-1	10.81	10.83	11.03	10.89	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.87	78.23	77.19	77.43	0.92	ppb
Phosphorus	31-2	706.92	704.06	728.28	713.09	1.86	ppb
Potassium	39-2	2140.78	2137.57	2151.58	2143.31	0.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	12.01	12.23	11.59	11.94	2.71	ppb
Selenium	77-2	14.81	13.85	14.79	14.48	3.77	ppb
Selenium	78-2	13.19	11.79	12.38	12.45	5.63	ppb
Silicon	28-1	1196.71	1203.36	1214.82	1204.96	0.76	ppb
Silver	107-1	7.09	7.13	7.27	7.16	1.27	ppb
Silver	109-1	7.04	7.05	7.18	7.09	1.07	ppb
Sodium	23-2	6330.70	6347.62	6344.76	6341.03	0.14	ppb
Strontium	86-1	1501.01	1513.50	1521.95	1512.15	0.70	ppb
Strontium	88-1	1543.52	1559.60	1559.06	1554.06	0.59	ppb
Sulfur	34-1	683.94	576.56	600.48	620.33	9.09	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	5.00	4.99	5.08	5.02	0.93	ppb
Thallium	205-1	4.93	5.01	5.08	5.01	1.45	ppb
Tin	118-1	102.53	104.29	104.57	103.80	1.06	ppb
Titanium	47-1	377.91	378.52	382.44	379.63	0.65	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:17:18	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.04	1.05	1.04	1.71	ppb
Vanadium	51-2	82.88	82.84	83.56	83.09	0.49	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	3557.07	3637.93	3648.34	3614.45	1.38	ppb
Zirconium	90-1	5.59	5.71	5.65	5.65	1.09	ppb
Zirconium	91-1	5.86	5.98	5.89	5.91	1.08	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:20:22	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7747.22	7904.97	7822.30	7824.83	1.01	ppb
Antimony	121-1	309.51	315.22	315.00	313.24	1.03	ppb
Arsenic	75-2	767.68	770.42	779.66	772.59	0.81	ppb
Barium	135-1	113.58	115.32	115.04	114.65	0.81	ppb
Barium	137-1	115.10	116.90	117.92	116.64	1.22	ppb
Beryllium	9-1	0.40	0.34	0.32	0.35	11.75	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.02	2.49	2.68	2.73	9.79	ppb
Cadmium	106-1	1.95	1.96	1.25	1.72	23.72	ppb
Cadmium	111-1	1.21	1.29	1.13	1.21	6.85	ppb
Calcium	43-1	8672.92	8823.45	8737.91	8744.76	0.86	ppb
Calcium	44-1	8258.35	8343.39	8428.86	8343.53	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.43	20.76	20.51	20.57	0.84	ppb
Cobalt	59-2	77.58	77.79	77.98	77.78	0.25	ppb
Copper	63-2	481.33	472.03	476.36	476.57	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	49020.24	49168.80	48654.29	48947.78	0.54	ppb
Iron	57-2	48052.84	48592.09	47769.02	48137.98	0.87	ppb
Iron	54-2	49035.61	49064.44	48574.70	48891.58	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:20:22	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	724.02	725.53	727.83	725.79	0.26	ppb
Lead	207-1	723.54	721.83	727.03	724.14	0.37	ppb
Lead	208-1	720.50	725.03	723.75	723.09	0.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	4573.05	4510.42	4579.52	4554.33	0.84	ppb
Manganese	55-2	339.13	344.97	334.75	339.62	1.51	ppb
Molybdenum	94-1	17.03	17.43	17.83	17.43	2.28	ppb
Molybdenum	95-1	9.79	10.07	9.99	9.95	1.44	ppb
Molybdenum	96-1	11.05	11.04	11.17	11.09	0.64	ppb
Molybdenum	97-1	9.81	10.10	10.18	10.03	1.94	ppb
Molybdenum	98-1	9.83	10.01	10.18	10.01	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.81	22.14	22.47	22.14	1.49	ppb
Phosphorus	31-2	705.17	744.89	729.23	726.43	2.75	ppb
Potassium	39-2	2057.39	2064.72	2080.03	2067.38	0.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.24	0.44	0.57	0.42	39.62	ppb
Selenium	77-2	2.80	2.81	3.35	2.98	10.48	ppb
Selenium	78-2	-0.50	-0.02	-0.20	-0.24		ppb
Silicon	28-1	959.12	972.33	972.60	968.02	0.80	ppb
Silver	107-1	1.40	1.44	1.44	1.43	1.51	ppb
Silver	109-1	1.40	1.44	1.42	1.42	1.20	ppb
Sodium	23-2	5877.78	5827.73	5859.14	5854.88	0.43	ppb
Strontium	86-1	1554.66	1552.16	1569.78	1558.87	0.61	ppb
Strontium	88-1	1594.29	1612.16	1637.13	1614.53	1.33	ppb
Sulfur	34-1	160.59	201.46	217.41	193.15	15.17	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.27	0.27	0.31	0.28	9.12	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	0.53	ppb
Tin	118-1	91.63	92.60	93.51	92.58	1.02	ppb
Titanium	47-1	329.91	338.33	337.23	335.16	1.37	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:20:22	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.89	0.93	0.91	1.85	ppb
Vanadium	51-2	28.47	28.82	28.62	28.64	0.60	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	3353.70	3366.39	3341.99	3354.03	0.36	ppb
Zirconium	90-1	5.08	5.09	5.22	5.13	1.50	ppb
Zirconium	91-1	5.31	5.20	5.39	5.30	1.83	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:23:22	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50539.08	49880.48	49845.50	50088.35	0.78	ppb
Antimony	121-1	472.00	501.39	490.35	487.91	3.04	ppb
Arsenic	75-2	487.52	484.68	482.30	484.84	0.54	ppb
Barium	135-1	2382.94	2519.81	2486.81	2463.18	2.90	ppb
Barium	137-1	2415.01	2541.24	2523.31	2493.19	2.74	ppb
Beryllium	9-1	471.08	478.26	480.85	476.73	1.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	466.45	496.54	485.67	482.89	3.16	ppb
Cadmium	106-1	474.39	494.84	486.70	485.31	2.12	ppb
Cadmium	111-1	447.24	468.93	468.94	461.70	2.71	ppb
Calcium	43-1	243768.20	255604.20	257487.91	252286.77	2.95	ppb
Calcium	44-1	240314.06	258072.71	258919.64	252435.47	4.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.66	490.66	489.51	494.27	1.47	ppb
Cobalt	59-2	485.29	484.58	481.96	483.94	0.36	ppb
Copper	63-2	4707.82	4716.02	4733.48	4719.10	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				101		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	126349.35	125773.73	125535.47	125886.19	0.33	ppb
Iron	57-2	125867.15	126698.16	126134.01	126233.10	0.34	ppb
Iron	54-2	127307.23	127934.13	126110.36	127117.24	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:23:22	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2414.67	2612.99	2495.08	2507.58	3.98	ppb
Lead	207-1	2412.25	2587.64	2492.21	2497.37	3.52	ppb
Lead	208-1	2417.30	2584.44	2499.82	2500.52	3.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	236200.78	234535.70	236503.74	235746.74	0.45	ppb
Manganese	55-2	4924.12	4866.91	4851.91	4880.98	0.78	ppb
Molybdenum	94-1	4735.36	4888.50	4927.01	4850.29	2.09	ppb
Molybdenum	95-1	4718.52	4924.62	4904.90	4849.35	2.35	ppb
Molybdenum	96-1	4718.65	4941.30	4903.49	4854.48	2.45	ppb
Molybdenum	97-1	4742.53	4958.29	4889.08	4863.30	2.27	ppb
Molybdenum	98-1	4749.58	4956.52	4888.98	4865.03	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.03	457.36	457.43	459.27	0.71	ppb
Phosphorus	31-2	9841.57	9764.47	9832.02	9812.69	0.43	ppb
Potassium	39-2	123152.68	122423.27	122371.48	122649.14	0.36	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	82-1	450.37	475.18	474.54	466.70	3.03	ppb
Selenium	77-2	476.34	476.50	484.84	479.23	1.01	ppb
Selenium	78-2	485.50	491.56	467.41	481.49	2.61	ppb
Silicon	28-1	188.07	206.24	207.61	200.64	5.44	ppb
Silver	107-1	477.28	489.67	478.37	481.77	1.42	ppb
Silver	109-1	472.11	483.88	485.88	480.62	1.55	ppb
Sodium	23-2	246240.53	247689.88	245291.49	246407.30	0.49	ppb
Strontium	86-1	11837.44	12424.60	12472.57	12244.87	2.89	ppb
Strontium	88-1	11829.60	12313.43	12465.08	12202.70	2.72	ppb
Sulfur	34-1	9092.69	9956.56	9896.48	9648.58	5.00	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	481.54	511.63	510.02	501.06	3.38	ppb
Thallium	205-1	483.34	518.90	501.19	501.14	3.55	ppb
Tin	118-1	475.59	502.25	490.78	489.54	2.73	ppb
Titanium	47-1	4694.91	4963.88	5028.86	4895.88	3.62	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:23:22	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	468.53	498.62	493.20	486.79	3.29	ppb
Vanadium	51-2	502.04	504.43	501.73	502.73	0.29	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%
Zinc	66-2	4638.75	4633.49	4635.00	4635.75	0.06	ppb
Zirconium	90-1	471.24	493.46	491.18	485.29	2.52	ppb
Zirconium	91-1	466.98	493.31	500.01	486.76	3.59	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:26:08	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.83	2.01	1.53	2.12	31.02	ppb
Antimony	121-1	0.26	0.22	0.22	0.23	10.23	ppb
Arsenic	75-2	0.07	0.02	0.02	0.04	86.73	ppb
Barium	135-1	0.39	0.36	0.26	0.34	19.72	ppb
Barium	137-1	0.36	0.38	0.31	0.35	9.83	ppb
Beryllium	9-1	0.15	0.11	0.11	0.12	20.33	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.06	0.03	0.05	34.70	ppb
Cadmium	106-1	-1.12	-1.72	-0.89	-1.25		ppb
Cadmium	111-1	0.00	-0.03	0.03	0.00		ppb
Calcium	43-1	47.45	43.31	32.55	41.10	18.71	ppb
Calcium	44-1	38.43	39.33	27.68	35.15	18.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.01	0.02	32.99	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	39.08	ppb
Copper	63-2	0.34	0.23	0.21	0.26	26.75	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				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	7.76	6.00	4.59	6.11	25.93	ppb
Iron	57-2	7.76	6.10	5.26	6.37	19.92	ppb
Iron	54-2	8.75	5.91	4.39	6.35	34.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:26:08	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.43	0.46	0.35	0.42	13.52	ppb
Lead	207-1	0.45	0.44	0.35	0.41	13.85	ppb
Lead	208-1	0.44	0.44	0.35	0.41	12.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	14.43	10.25	8.50	11.06	27.55	ppb
Manganese	55-2	0.34	0.25	0.17	0.25	34.97	ppb
Molybdenum	94-1	0.82	0.85	0.68	0.78	11.92	ppb
Molybdenum	95-1	0.83	0.85	0.64	0.77	14.60	ppb
Molybdenum	96-1	0.85	0.80	0.66	0.77	12.99	ppb
Molybdenum	97-1	0.82	0.80	0.71	0.78	7.91	ppb
Molybdenum	98-1	0.86	0.81	0.64	0.77	14.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	63.96	ppb
Phosphorus	31-2	-12.51	-16.89	-17.02	-15.47		ppb
Potassium	39-2	12.93	13.06	10.12	12.04	13.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	-0.33	-0.49	-0.37	-0.40		ppb
Selenium	77-2	0.01	0.02	0.01	0.01	13.78	ppb
Selenium	78-2	-1.05	-0.64	-0.41	-0.70		ppb
Silicon	28-1	-14.47	-13.57	-14.97	-14.34		ppb
Silver	107-1	0.13	0.12	0.10	0.12	15.84	ppb
Silver	109-1	0.13	0.11	0.10	0.11	13.43	ppb
Sodium	23-2	29.25	27.04	23.34	26.54	11.24	ppb
Strontium	86-1	1.40	1.11	1.16	1.22	13.07	ppb
Strontium	88-1	1.94	1.73	1.55	1.74	11.16	ppb
Sulfur	34-1	-282.38	-150.53	-280.21	-237.70		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.12	0.12	0.08	0.11	21.47	ppb
Thallium	205-1	0.14	0.12	0.10	0.12	17.01	ppb
Tin	118-1	0.10	0.09	0.08	0.09	12.54	ppb
Titanium	47-1	0.74	0.77	0.58	0.70	14.70	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:26:08	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.05	0.06	16.30	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	25.51	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.32	0.32	0.22	0.29	21.39	ppb
Zirconium	90-1	0.09	0.09	0.07	0.08	10.89	ppb
Zirconium	91-1	0.09	0.10	0.08	0.09	13.02	ppb

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 10:59:16	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	173	147	151	13.48	cps
Antimony	121-1	23	23	23	23	0.00	cps
Arsenic	75-2	0	20	13	11	91.66	cps
Barium	135-1	70	80	43	64	29.41	cps
Barium	137-1	133	110	103	116	13.64	cps
Beryllium	9-1	50	60	60	57	10.19	cps
Bismuth	209-1	7951849	7837903	7890828	7893527	0.72	cps
Bismuth	209-2	6976952	6890811	6895473	6921079	0.70	cps
Bromine	81-1	15728	15458	15829	15672	1.22	cps
Bromine	81-2	203	183	163	183	10.91	cps
Cadmium	108-1	13	10	7	10	33.30	cps
Cadmium	106-1	3580	3460	3497	3513	1.75	cps
Cadmium	111-1	2510	2432	2460	2467	1.61	cps
Calcium	43-1	283	300	360	314	12.82	cps
Calcium	44-1	11591	11785	11678	11685	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1540	1583	1580	1568	1.54	cps
Cobalt	59-2	100	110	127	112	12.01	cps
Copper	63-2	723	737	740	733	1.20	cps
Dysprosium	156-1	17	20	17	18	10.81	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	40	50	53	48	14.52	cps
Erbium	164-2	33	37	37	36	5.42	cps
Gadolinium	160-1	53	67	93	71	28.64	cps
Gadolinium	160-2	297	440	413	383	19.89	cps
Holmium	165-1	14009303	13856685	13640244	13835410	1.34	cps
Holmium	165-2	10201488	9971341	10014918	10062582	1.21	cps
Indium	115-1	11977318	11920606	11726536	11874820	1.11	cps
Indium	115-2	4510664	4419738	4493666	4474690	1.08	cps
Iron	56-2	20003	19947	20120	20023	0.44	cps
Iron	57-2	887	973	890	917	5.36	cps
Iron	54-2	2470	2474	2567	2504	2.19	cps
Krypton	83-1	297	237	243	259	12.70	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 10:59:16	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	363	377	333	358	6.20	cps
Lead	207-1	260	233	307	267	13.92	cps
Lead	208-1	1377	1253	1280	1303	4.98	cps
Lithium	6-1	1726347	1660938	1695405	1694230	1.93	cps
Magnesium	24-2	587	617	543	582	6.33	cps
Manganese	55-2	237	287	263	262	9.54	cps
Molybdenum	94-1	350	347	327	341	3.70	cps
Molybdenum	95-1	163	150	157	157	4.26	cps
Molybdenum	96-1	287	240	253	260	9.25	cps
Molybdenum	97-1	93	90	110	98	10.96	cps
Molybdenum	98-1	243	233	280	252	9.74	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	400	430	367	399	7.94	cps
Phosphorus	31-2	167	197	170	178	9.25	cps
Potassium	39-2	51363	51581	51554	51499	0.23	cps
Rhodium	103-1	11014207	10988398	10970906	10991170	0.20	cps
Rhodium	103-2	6802775	6804933	6771686	6793131	0.27	cps
Scandium	45-1	6643827	6664526	6619232	6642528	0.34	cps
Scandium	45-2	594270	593749	588822	592280	0.51	cps
Selenium	82-1	184	194	169	182	6.94	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	530	613	440	528	16.43	cps
Silicon	28-1	846039	849567	854650	850085	0.51	cps
Silver	107-1	70	107	70	82	25.75	cps
Silver	109-1	40	67	53	53	25.00	cps
Sodium	23-2	22470	22507	21652	22209	2.18	cps
Strontium	86-1	457	393	543	464	16.21	cps
Strontium	88-1	360	360	310	343	8.41	cps
Sulfur	34-1	196969	195956	196895	196606	0.29	cps
Terbium	159-1	14336934	14257282	14225417	14273211	0.40	cps
Terbium	159-2	10179293	10141589	10011633	10110839	0.87	cps
Thallium	203-1	327	267	237	277	16.57	cps
Thallium	205-1	673	620	647	647	4.12	cps
Tin	118-1	1340	1480	1387	1402	5.08	cps
Titanium	47-1	87	107	107	100	11.55	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 10:59:16	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	3	10	9	57.30	cps
Vanadium	51-2	10	17	7	11	45.82	cps
Yttrium	89-1	14021496	13750525	13899346	13890456	0.98	cps
Yttrium	89-2	3829861	3788340	3866900	3828367	1.03	cps
Zinc	66-2	220	247	270	246	10.19	cps
Zirconium	90-1	580	687	733	667	11.79	cps
Zirconium	91-1	110	177	117	134	27.31	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:05:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6298	6405	6601	6435	2.39	cps
Antimony	121-1	26889	27894	27099	27294	1.94	cps
Arsenic	75-2	723	767	823	771	6.50	cps
Barium	135-1	33980	33710	34001	33897	0.48	cps
Barium	137-1	58499	58429	58911	58613	0.44	cps
Beryllium	9-1	1910	1703	1857	1823	5.88	cps
Bismuth	209-1	8051830	7918237	7855801	7941956	1.26	cps
Bismuth	209-2	7021615	6936202	6999637	6985818	0.63	cps
Bromine	81-1	15178	15879	15084	15380	2.82	cps
Bromine	81-2	170	193	170	178	7.58	cps
Cadmium	108-1	180	283	273	246	23.21	cps
Cadmium	106-1	4057	3634	3771	3821	5.66	cps
Cadmium	111-1	6255	6133	5995	6127	2.12	cps
Calcium	43-1	20661	20604	20087	20451	1.55	cps
Calcium	44-1	332649	331517	336245	333470	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13886	13633	13319	13613	2.09	cps
Cobalt	59-2	10137	10053	9907	10032	1.16	cps
Copper	63-2	13853	13957	13606	13805	1.30	cps
Dysprosium	156-1	30	17	33	27	33.06	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	53	60	37	50	24.03	cps
Erbium	164-2	50	43	47	47	7.15	cps
Gadolinium	160-1	70	67	67	68	2.84	cps
Gadolinium	160-2	323	423	387	378	13.39	cps
Holmium	165-1	13841377	13708279	13752334	13767330	0.49	cps
Holmium	165-2	10270954	10088216	10195521	10184897	0.90	cps
Indium	115-1	11856362	11894711	11721375	11824149	0.77	cps
Indium	115-2	4522600	4489120	4462989	4491569	0.67	cps
Iron	56-2	306697	307850	307015	307187	0.19	cps
Iron	57-2	8232	8072	8452	8252	2.31	cps
Iron	54-2	19256	18725	18882	18954	1.44	cps
Krypton	83-1	227	190	253	223	14.24	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:05:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9183	9573	9330	9362	2.11	cps
Lead	207-1	8319	8349	8349	8339	0.21	cps
Lead	208-1	37577	38231	37400	37736	1.16	cps
Lithium	6-1	1689351	1719961	1747528	1718947	1.69	cps
Magnesium	24-2	271932	270369	271024	271109	0.29	cps
Manganese	55-2	5004	5384	5111	5166	3.80	cps
Molybdenum	94-1	27977	28545	29336	28619	2.39	cps
Molybdenum	95-1	33896	34684	34501	34360	1.20	cps
Molybdenum	96-1	38474	38554	39493	38840	1.46	cps
Molybdenum	97-1	21803	21917	21406	21708	1.24	cps
Molybdenum	98-1	55883	55525	54672	55360	1.12	cps
Neodymium	150-1	10	10	10	10	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	2887	2564	2897	2783	6.82	cps
Phosphorus	31-2	577	590	703	623	11.17	cps
Potassium	39-2	401941	398777	400542	400420	0.40	cps
Rhodium	103-1	11020172	11079650	10847424	10982415	1.10	cps
Rhodium	103-2	6870745	6762545	6769914	6801068	0.89	cps
Scandium	45-1	6663741	6497829	6602219	6587930	1.27	cps
Scandium	45-2	600583	596721	597835	598380	0.33	cps
Selenium	82-1	1297	1245	1258	1266	2.14	cps
Selenium	77-2	143	123	133	133	7.50	cps
Selenium	78-2	773	953	907	878	10.64	cps
Silicon	28-1	888017	1142370	1159736	1063374	14.30	cps
Silver	107-1	17107	17444	17317	17289	0.98	cps
Silver	109-1	17040	16162	17067	16756	3.07	cps
Sodium	23-2	434530	434518	433793	434280	0.10	cps
Strontium	86-1	4694	4781	4931	4802	2.49	cps
Strontium	88-1	39576	39005	38701	39094	1.14	cps
Sulfur	34-1	198859	201959	206300	202373	1.85	cps
Terbium	159-1	14201927	14176090	14154609	14177542	0.17	cps
Terbium	159-2	10288500	10294716	10236657	10273291	0.31	cps
Thallium	203-1	11852	11432	11819	11701	2.00	cps
Thallium	205-1	27621	26559	27862	27348	2.53	cps
Tin	118-1	58970	59251	58237	58819	0.89	cps
Titanium	47-1	9366	8713	8996	9025	3.63	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:05:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34267	34942	33980	34396	1.44	cps
Vanadium	51-2	26643	26340	26490	26491	0.57	cps
Yttrium	89-1	13851695	14012449	13754698	13872947	0.94	cps
Yttrium	89-2	3833578	3833383	3847777	3838246	0.22	cps
Zinc	66-2	5861	6111	5788	5920	2.86	cps
Zirconium	90-1	23652	24117	23639	23803	1.14	cps
Zirconium	91-1	5008	5408	5364	5260	4.17	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:09:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305989	306071	303705	305255	0.44	cps
Antimony	121-1	636096	644590	641383	640689	0.67	cps
Arsenic	75-2	35626	35365	35279	35423	0.51	cps
Barium	135-1	804678	816099	804129	808302	0.84	cps
Barium	137-1	1384282	1406377	1389354	1393338	0.83	cps
Beryllium	9-1	81201	84324	84692	83406	2.30	cps
Bismuth	209-1	8092996	8110291	7999279	8067522	0.74	cps
Bismuth	209-2	7049024	7060200	6950708	7019978	0.86	cps
Bromine	81-1	14807	15592	15338	15246	2.62	cps
Bromine	81-2	177	167	190	178	6.58	cps
Cadmium	108-1	12369	12462	12639	12490	1.10	cps
Cadmium	106-1	20678	21376	21426	21160	1.98	cps
Cadmium	111-1	169881	172546	172271	171566	0.85	cps
Calcium	43-1	188454	190686	188640	189260	0.65	cps
Calcium	44-1	2872382	2875853	2834505	2860913	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280551	278399	275711	278220	0.87	cps
Cobalt	59-2	436316	435514	434153	435327	0.25	cps
Copper	63-2	3297039	3259229	3256319	3270862	0.69	cps
Dysprosium	156-1	37	43	33	38	13.48	cps
Dysprosium	156-2	43	50	50	48	8.06	cps
Erbium	164-1	43	53	50	49	10.42	cps
Erbium	164-2	20	37	20	26	37.66	cps
Gadolinium	160-1	53	60	50	54	9.35	cps
Gadolinium	160-2	397	447	420	421	5.94	cps
Holmium	165-1	14072726	14010332	14008579	14030546	0.26	cps
Holmium	165-2	10259764	10199410	10056095	10171756	1.03	cps
Indium	115-1	11752830	11981863	11886771	11873821	0.97	cps
Indium	115-2	4416329	4443137	4382191	4413886	0.69	cps
Iron	56-2	12959223	12980798	12888718	12942913	0.37	cps
Iron	57-2	330896	330323	330361	330527	0.10	cps
Iron	54-2	737606	731206	733145	733986	0.45	cps
Krypton	83-1	227	230	223	227	1.47	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:09:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2277449	2284167	2232402	2264673	1.24	cps
Lead	207-1	2080713	2067633	2067195	2071847	0.37	cps
Lead	208-1	9360451	9434867	9274333	9356551	0.86	cps
Lithium	6-1	1720679	1771806	1748685	1747057	1.47	cps
Magnesium	24-2	2407444	2435461	2421186	2421364	0.58	cps
Manganese	55-2	2189995	2204466	2185120	2193194	0.46	cps
Molybdenum	94-1	2282503	2300933	2292004	2291813	0.40	cps
Molybdenum	95-1	3321220	3279590	3340151	3313654	0.93	cps
Molybdenum	96-1	3595295	3604009	3642430	3613911	0.69	cps
Molybdenum	97-1	2062492	2071933	2080897	2071774	0.44	cps
Molybdenum	98-1	5275462	5281066	5385685	5314071	1.17	cps
Neodymium	150-1	47	53	53	51	7.52	cps
Neodymium	150-2	20	30	3	18	75.79	cps
Nickel	60-2	111215	112017	110567	111266	0.65	cps
Phosphorus	31-2	14841	14734	15131	14902	1.38	cps
Potassium	39-2	1653192	1654381	1604388	1637320	1.74	cps
Rhodium	103-1	11086177	11113897	10968607	11056227	0.70	cps
Rhodium	103-2	6789248	6724998	6680048	6731431	0.82	cps
Scandium	45-1	6638936	6708936	6662171	6670015	0.53	cps
Scandium	45-2	592341	595406	596859	594868	0.39	cps
Selenium	82-1	10315	10563	10453	10444	1.19	cps
Selenium	77-2	1033	1160	1137	1110	6.07	cps
Selenium	78-2	4151	4171	4331	4217	2.34	cps
Silicon	28-1	1926114	1913369	1927834	1922439	0.41	cps
Silver	107-1	841114	853772	845834	846906	0.76	cps
Silver	109-1	797918	803656	806402	802659	0.54	cps
Sodium	23-2	3993500	4020765	3942365	3985543	1.00	cps
Strontium	86-1	208423	210176	208004	208868	0.55	cps
Strontium	88-1	1805282	1835578	1827410	1822757	0.86	cps
Sulfur	34-1	250870	254320	255911	253700	1.02	cps
Terbium	159-1	14541941	14529229	14366714	14479295	0.67	cps
Terbium	159-2	10212603	10196192	10292199	10233665	0.50	cps
Thallium	203-1	543115	550729	549804	547883	0.76	cps
Thallium	205-1	1275086	1289116	1291903	1285368	0.70	cps
Tin	118-1	534365	544164	539565	539364	0.91	cps
Titanium	47-1	836901	842396	841558	840285	0.35	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:09:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1665466	1689376	1696754	1683865	0.97	cps
Vanadium	51-2	244282	244367	242742	243797	0.38	cps
Yttrium	89-1	14009612	14018514	13862128	13963418	0.63	cps
Yttrium	89-2	3803583	3741113	3772397	3772364	0.83	cps
Zinc	66-2	520400	513768	514749	516306	0.69	cps
Zirconium	90-1	1106756	1110659	1105230	1107548	0.25	cps
Zirconium	91-1	244182	248710	247643	246845	0.96	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:12:08	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	744941	749253	744594	746263	0.35	cps
Antimony	121-1	1653321	1655916	1662477	1657238	0.28	cps
Arsenic	75-2	86906	87673	86319	86966	0.78	cps
Barium	135-1	2105383	2150696	2133596	2129891	1.07	cps
Barium	137-1	3644428	3697732	3655115	3665758	0.77	cps
Beryllium	9-1	208766	211953	209117	209945	0.83	cps
Bismuth	209-1	8080363	8147836	8063505	8097235	0.55	cps
Bismuth	209-2	6992457	6935869	7013852	6980726	0.58	cps
Bromine	81-1	15158	15351	15331	15280	0.70	cps
Bromine	81-2	150	167	170	162	6.61	cps
Cadmium	108-1	30950	31020	31017	30995	0.13	cps
Cadmium	106-1	46849	47601	47237	47229	0.80	cps
Cadmium	111-1	421158	428512	422886	424185	0.91	cps
Calcium	43-1	469844	467466	472555	469955	0.54	cps
Calcium	44-1	7162847	7177030	7063090	7134322	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	680818	678214	673910	677647	0.51	cps
Cobalt	59-2	1064326	1067852	1054453	1062211	0.65	cps
Copper	63-2	7817992	7864148	7942051	7874730	0.80	cps
Dysprosium	156-1	40	67	57	54	24.75	cps
Dysprosium	156-2	87	80	87	84	4.56	cps
Erbium	164-1	63	70	80	71	11.80	cps
Erbium	164-2	57	47	23	42	40.52	cps
Gadolinium	160-1	67	97	73	79	19.97	cps
Gadolinium	160-2	357	487	383	409	16.79	cps
Holmium	165-1	13864710	14061860	14002974	13976515	0.72	cps
Holmium	165-2	10230349	10423724	10140544	10264872	1.41	cps
Indium	115-1	11812407	11788389	11758296	11786364	0.23	cps
Indium	115-2	4384769	4414000	4278268	4359012	1.64	cps
Iron	56-2	31872428	32138914	31285437	31765593	1.37	cps
Iron	57-2	804875	811514	799207	805199	0.77	cps
Iron	54-2	1747171	1765049	1736185	1749468	0.83	cps
Krypton	83-1	203	270	233	236	14.17	cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:12:08	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5847332	5750783	5783955	5794024	0.85	cps
Lead	207-1	5318296	5310048	5281063	5303136	0.37	cps
Lead	208-1	23834786	23816176	23736913	23795958	0.22	cps
Lithium	6-1	1773510	1751985	1805727	1777074	1.52	cps
Magnesium	24-2	5897908	5883294	5811983	5864395	0.78	cps
Manganese	55-2	5387373	5404290	5321039	5370901	0.82	cps
Molybdenum	94-1	5757997	5760446	5747533	5755325	0.12	cps
Molybdenum	95-1	8293782	8321285	8269001	8294689	0.32	cps
Molybdenum	96-1	9029899	9133032	9151167	9104699	0.72	cps
Molybdenum	97-1	5198567	5141962	5114586	5151705	0.83	cps
Molybdenum	98-1	13359166	13343799	13298015	13333660	0.24	cps
Neodymium	150-1	77	117	110	101	21.19	cps
Neodymium	150-2	23	33	17	24	34.31	cps
Nickel	60-2	271394	269039	268907	269780	0.52	cps
Phosphorus	31-2	36467	35879	35785	36043	1.03	cps
Potassium	39-2	3904075	3908920	3850977	3887991	0.83	cps
Rhodium	103-1	10837107	10942571	10877023	10885567	0.49	cps
Rhodium	103-2	6590253	6557514	6527845	6558537	0.48	cps
Scandium	45-1	6625188	6631439	6540067	6598898	0.77	cps
Scandium	45-2	582179	574935	568583	575233	1.18	cps
Selenium	82-1	26052	25927	25882	25954	0.34	cps
Selenium	77-2	2674	2754	2640	2689	2.17	cps
Selenium	78-2	9820	9346	9503	9557	2.53	cps
Silicon	28-1	3094370	3117955	3080172	3097499	0.62	cps
Silver	107-1	2160534	2150544	2145844	2152307	0.35	cps
Silver	109-1	2093903	2110465	2036830	2080399	1.86	cps
Sodium	23-2	9876779	9735875	9702176	9771610	0.95	cps
Strontium	86-1	517141	523600	521167	520636	0.63	cps
Strontium	88-1	4645970	4622972	4610709	4626550	0.39	cps
Sulfur	34-1	324921	326481	323376	324926	0.48	cps
Terbium	159-1	14433091	14492915	14523333	14483113	0.32	cps
Terbium	159-2	10276408	10289458	10052999	10206288	1.30	cps
Thallium	203-1	1369173	1382673	1385091	1378979	0.62	cps
Thallium	205-1	3505227	3536366	3513399	3518331	0.46	cps
Tin	118-1	1342626	1353245	1348344	1348071	0.39	cps
Titanium	47-1	2088122	2098791	2097629	2094847	0.28	cps

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On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:12:08	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4661691	4634204	4683710	4659869	0.53	cps
Vanadium	51-2	598307	602416	591760	597494	0.90	cps
Yttrium	89-1	13830780	14001624	13887136	13906513	0.63	cps
Yttrium	89-2	3722399	3765778	3674699	3720959	1.22	cps
Zinc	66-2	1268197	1266811	1256922	1263977	0.49	cps
Zirconium	90-1	2830167	2798074	2860622	2829621	1.11	cps
Zirconium	91-1	612451	619425	618978	616951	0.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:14:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275514	1270444	1270122	1272027	0.24	cps
Antimony	121-1	3113879	3126795	3146942	3129205	0.53	cps
Arsenic	75-2	150275	149356	147305	148979	1.02	cps
Barium	135-1	3978400	4028866	3952531	3986599	0.97	cps
Barium	137-1	6741155	6855887	6828784	6808609	0.88	cps
Beryllium	9-1	398475	400028	399169	399224	0.19	cps
Bismuth	209-1	8242988	8050311	8044171	8112490	1.39	cps
Bismuth	209-2	6790956	6853662	6735450	6793356	0.87	cps
Bromine	81-1	13793	13253	13486	13511	2.01	cps
Bromine	81-2	150	117	113	127	16.00	cps
Cadmium	108-1	57503	57962	57219	57561	0.65	cps
Cadmium	106-1	83653	84990	83632	84092	0.92	cps
Cadmium	111-1	781851	793407	780195	785151	0.92	cps
Calcium	43-1	872187	870866	851252	864768	1.36	cps
Calcium	44-1	13380836	13244959	12910744	13178846	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1157207	1144085	1139600	1146964	0.80	cps
Cobalt	59-2	1857906	1842256	1803060	1834407	1.54	cps
Copper	63-2	13479102	13417926	13240288	13379105	0.93	cps
Dysprosium	156-1	67	93	80	80	16.66	cps
Dysprosium	156-2	90	150	137	126	25.09	cps
Erbium	164-1	67	80	73	73	9.09	cps
Erbium	164-2	33	87	63	61	43.76	cps
Gadolinium	160-1	100	73	80	84	16.44	cps
Gadolinium	160-2	377	407	353	379	7.06	cps
Holmium	165-1	14162970	13744251	13659211	13855477	1.95	cps
Holmium	165-2	9838757	9703677	9746225	9762887	0.71	cps
Indium	115-1	11637312	11306301	11082757	11342123	2.46	cps
Indium	115-2	3989935	3923484	3940002	3951140	0.88	cps
Iron	56-2	55078519	54583674	53719388	54460527	1.26	cps
Iron	57-2	1364945	1384279	1374114	1374446	0.70	cps
Iron	54-2	3033898	2953589	2976287	2987924	1.39	cps
Krypton	83-1	203	240	180	208	14.56	cps

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On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:14:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11102858	11371470	11301450	11258593	1.24	cps
Lead	207-1	10127067	10233119	10385555	10248580	1.27	cps
Lead	208-1	45841324	46582151	46743610	46389028	1.04	cps
Lithium	6-1	1838930	1823105	1783110	1815048	1.59	cps
Magnesium	24-2	10206447	10088341	10080429	10125072	0.70	cps
Manganese	55-2	9370410	9223487	9271605	9288501	0.81	cps
Molybdenum	94-1	10718910	10882117	10515953	10705660	1.71	cps
Molybdenum	95-1	15536326	15749724	15325026	15537026	1.37	cps
Molybdenum	96-1	16953038	17171203	16636893	16920378	1.59	cps
Molybdenum	97-1	9535569	9646809	9524803	9569060	0.71	cps
Molybdenum	98-1	24811066	25125105	24671099	24869090	0.93	cps
Neodymium	150-1	183	183	213	193	8.96	cps
Neodymium	150-2	33	47	40	40	16.68	cps
Nickel	60-2	457172	452723	449113	453003	0.89	cps
Phosphorus	31-2	59940	59993	59264	59732	0.68	cps
Potassium	39-2	6523275	6474335	6484890	6494167	0.40	cps
Rhodium	103-1	10607566	10296441	10053285	10319097	2.69	cps
Rhodium	103-2	6049691	6001285	5976388	6009121	0.62	cps
Scandium	45-1	6498740	6216582	6083141	6266155	3.39	cps
Scandium	45-2	508048	499254	497574	501625	1.12	cps
Selenium	82-1	47790	47592	47276	47553	0.55	cps
Selenium	77-2	4687	4744	4891	4774	2.20	cps
Selenium	78-2	16429	15698	15648	15925	2.74	cps
Silicon	28-1	4755324	4846702	4679838	4760622	1.76	cps
Silver	107-1	4023541	4064979	3971067	4019862	1.17	cps
Silver	109-1	3885309	3887268	3796198	3856258	1.35	cps
Sodium	23-2	16764269	16675270	16758127	16732555	0.30	cps
Strontium	86-1	965177	970521	956429	964042	0.74	cps
Strontium	88-1	8557062	8555166	8271081	8461103	1.94	cps
Sulfur	34-1	415091	418296	407530	413639	1.34	cps
Terbium	159-1	14552306	14175827	14000807	14242980	1.98	cps
Terbium	159-2	9850001	9772846	9623006	9748618	1.18	cps
Thallium	203-1	2891619	2891690	2906828	2896713	0.30	cps
Thallium	205-1	6825714	6916868	6843547	6862043	0.70	cps
Tin	118-1	2618667	2616329	2530909	2588635	1.93	cps
Titanium	47-1	3912791	3886141	3870018	3889650	0.56	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:14:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8955624	9167566	9117258	9080149	1.22	cps
Vanadium	51-2	1028061	1007020	1006368	1013816	1.22	cps
Yttrium	89-1	13720382	13108487	12914640	13247836	3.17	cps
Yttrium	89-2	3386463	3337150	3322380	3348664	1.00	cps
Zinc	66-2	2235374	2229845	2238164	2234461	0.19	cps
Zirconium	90-1	5328919	5330397	5186288	5281868	1.57	cps
Zirconium	91-1	1149281	1155034	1145913	1150076	0.40	cps

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On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:17:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2487314	2473914	2465566	2475598	0.44	cps
Antimony	121-1	5927195	5986433	5951495	5955041	0.50	cps
Arsenic	75-2	287576	289235	288209	288340	0.29	cps
Barium	135-1	7671230	7630880	7702958	7668356	0.47	cps
Barium	137-1	12992370	12979823	13088678	13020290	0.46	cps
Beryllium	9-1	750408	764741	763093	759414	1.03	cps
Bismuth	209-1	7498064	7835052	7974492	7769203	3.15	cps
Bismuth	209-2	6725044	6702921	6897347	6775104	1.57	cps
Bromine	81-1	11485	11838	11421	11581	1.94	cps
Bromine	81-2	127	130	103	120	12.11	cps
Cadmium	108-1	107736	108397	109210	108448	0.68	cps
Cadmium	106-1	153296	154639	153858	153931	0.44	cps
Cadmium	111-1	1463952	1480824	1474135	1472970	0.58	cps
Calcium	43-1	1527949	1522990	1545302	1532080	0.76	cps
Calcium	44-1	24373468	24507726	24342279	24407824	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2224371	2224099	2234528	2227666	0.27	cps
Cobalt	59-2	3566147	3522374	3567941	3552154	0.73	cps
Copper	63-2	25891280	25772970	25737269	25800506	0.31	cps
Dysprosium	156-1	137	100	167	134	24.84	cps
Dysprosium	156-2	247	277	273	266	6.19	cps
Erbium	164-1	87	130	117	111	19.97	cps
Erbium	164-2	80	120	93	98	20.83	cps
Gadolinium	160-1	120	77	120	106	23.70	cps
Gadolinium	160-2	383	400	423	402	5.00	cps
Holmium	165-1	12783934	13612336	13327363	13241211	3.18	cps
Holmium	165-2	9705621	9774382	9862586	9780863	0.80	cps
Indium	115-1	9909649	10482056	10385873	10259192	2.99	cps
Indium	115-2	3866081	3833321	3817726	3839043	0.64	cps
Iron	56-2	106098105	105009452	106723952	105943836	0.82	cps
Iron	57-2	2662764	2601858	2619983	2628202	1.19	cps
Iron	54-2	5808126	5712482	5821467	5780692	1.03	cps
Krypton	83-1	153	257	213	208	24.97	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:17:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22591913	22455173	22464783	22503956	0.34	cps
Lead	207-1	20505360	20505360	20472199	20494306	0.09	cps
Lead	208-1	92024445	92827569	92242754	92364923	0.45	cps
Lithium	6-1	1637806	1783356	1729197	1716786	4.28	cps
Magnesium	24-2	19652181	19495009	19630553	19592581	0.43	cps
Manganese	55-2	18025350	17899228	18207375	18043984	0.86	cps
Molybdenum	94-1	20088526	20207071	20169444	20155014	0.30	cps
Molybdenum	95-1	29122357	29155105	29106413	29127958	0.09	cps
Molybdenum	96-1	31983347	31942956	31434331	31786878	0.96	cps
Molybdenum	97-1	18219666	17997990	17924431	18047363	0.85	cps
Molybdenum	98-1	46949451	46815451	46254409	46673104	0.79	cps
Neodymium	150-1	370	327	293	330	11.65	cps
Neodymium	150-2	67	90	93	83	17.43	cps
Nickel	60-2	864201	867923	868178	866768	0.26	cps
Phosphorus	31-2	114333	115914	115884	115377	0.78	cps
Potassium	39-2	12660483	12594321	12641573	12632126	0.27	cps
Rhodium	103-1	8912105	9496073	9355187	9254455	3.29	cps
Rhodium	103-2	5731583	5700055	5808834	5746824	0.97	cps
Scandium	45-1	5397142	5689403	5640299	5575615	2.81	cps
Scandium	45-2	483230	482849	485862	483980	0.34	cps
Selenium	82-1	87950	87527	87395	87624	0.33	cps
Selenium	77-2	9026	8999	9306	9111	1.87	cps
Selenium	78-2	30555	30358	30308	30407	0.43	cps
Silicon	28-1	7290724	7316441	7307216	7304794	0.18	cps
Silver	107-1	7492839	7485433	7381092	7453121	0.84	cps
Silver	109-1	7210249	7184507	7182326	7192360	0.22	cps
Sodium	23-2	32533434	32224215	32443262	32400304	0.49	cps
Strontium	86-1	1889460	1854066	1833514	1859014	1.52	cps
Strontium	88-1	16191264	16130136	16175478	16165626	0.20	cps
Sulfur	34-1	582793	579787	579462	580681	0.32	cps
Terbium	159-1	13030280	13820792	13816266	13555780	3.36	cps
Terbium	159-2	9731612	9704029	9741188	9725610	0.20	cps
Thallium	203-1	5827546	5777008	5878395	5827650	0.87	cps
Thallium	205-1	13724435	13901065	13690299	13771933	0.82	cps
Tin	118-1	5001651	4977950	4972180	4983927	0.31	cps
Titanium	47-1	7026123	7088151	7168994	7094423	1.01	cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:17:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18710437	18823121	18981343	18838301	0.72	cps
Vanadium	51-2	1966386	1973317	1961507	1967070	0.30	cps
Yttrium	89-1	11655620	12289980	12227836	12057812	2.90	cps
Yttrium	89-2	3302280	3292075	3287396	3293917	0.23	cps
Zinc	66-2	4330023	4322298	4340690	4331004	0.21	cps
Zirconium	90-1	9855958	10003876	9993912	9951249	0.83	cps
Zirconium	91-1	2155716	2209618	2186443	2183926	1.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:20:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4988355	4921790	4918917	4943021	0.79	cps
Antimony	121-1	11792236	11976783	11822985	11864001	0.83	cps
Arsenic	75-2	573149	576881	570000	573343	0.60	cps
Barium	135-1	15290981	15311304	15237512	15279932	0.25	cps
Barium	137-1	26232225	26124345	25813701	26056757	0.83	cps
Beryllium	9-1	1492681	1481667	1483957	1486102	0.39	cps
Bismuth	209-1	7809328	7856384	7749473	7805062	0.69	cps
Bismuth	209-2	6546685	6567580	6643815	6586027	0.78	cps
Bromine	81-1	11641	11948	11655	11748	1.48	cps
Bromine	81-2	70	87	117	91	25.96	cps
Cadmium	108-1	209345	211502	213206	211351	0.92	cps
Cadmium	106-1	295049	299318	301390	298586	1.08	cps
Cadmium	111-1	2989459	2979087	3010957	2993167	0.54	cps
Calcium	43-1	2986322	3025036	3030817	3014058	0.80	cps
Calcium	44-1	47784741	48455169	48448606	48229505	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4481800	4480771	4437542	4466704	0.57	cps
Cobalt	59-2	7091055	7066009	7097522	7084862	0.23	cps
Copper	63-2	51495759	51055369	50586331	51045820	0.89	cps
Dysprosium	156-1	213	210	243	222	8.26	cps
Dysprosium	156-2	577	603	583	588	2.36	cps
Erbium	164-1	177	200	173	183	7.92	cps
Erbium	164-2	137	117	167	140	17.98	cps
Gadolinium	160-1	200	203	163	189	11.75	cps
Gadolinium	160-2	437	547	473	486	11.53	cps
Holmium	165-1	13556557	13605911	13559664	13574044	0.20	cps
Holmium	165-2	9709663	9779757	9725885	9738435	0.38	cps
Indium	115-1	10123246	10274005	10335047	10244099	1.06	cps
Indium	115-2	3744644	3715274	3769851	3743256	0.73	cps
Iron	56-2	212546617	214689203	210513390	212583070	0.98	cps
Iron	57-2	5217255	5267091	5263242	5249196	0.53	cps
Iron	54-2	11465536	11548812	11566200	11526849	0.47	cps
Krypton	83-1	203	223	210	212	4.80	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:20:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	44811604	44825038	44398169	44678270	0.54	cps
Lead	207-1	40538973	40590879	40637153	40589001	0.12	cps
Lead	208-1	184040461	183241758	183203067	183495096	0.26	cps
Lithium	6-1	1713297	1717958	1689491	1706915	0.89	cps
Magnesium	24-2	39231126	39210577	38911329	39117677	0.46	cps
Manganese	55-2	36162023	36367341	35720278	36083214	0.92	cps
Molybdenum	94-1	39912194	40606648	40175694	40231512	0.87	cps
Molybdenum	95-1	57603062	58556502	58397931	58185832	0.88	cps
Molybdenum	96-1	63007046	63826561	63099954	63311187	0.71	cps
Molybdenum	97-1	35962352	35964407	36541511	36156090	0.92	cps
Molybdenum	98-1	92699199	93669839	94097032	93488690	0.77	cps
Neodymium	150-1	690	697	647	678	4.01	cps
Neodymium	150-2	130	110	117	119	8.57	cps
Nickel	60-2	1767282	1819064	1793855	1793400	1.44	cps
Phosphorus	31-2	231630	229890	229198	230239	0.54	cps
Potassium	39-2	25248270	25563090	25136097	25315819	0.87	cps
Rhodium	103-1	9133155	9217774	9166315	9172415	0.46	cps
Rhodium	103-2	5712108	5685141	5676965	5691405	0.32	cps
Scandium	45-1	5636529	5661110	5660815	5652818	0.25	cps
Scandium	45-2	486611	489260	486479	487450	0.32	cps
Selenium	82-1	169997	172382	170935	171105	0.70	cps
Selenium	77-2	18024	18258	18078	18120	0.68	cps
Selenium	78-2	59897	59733	58973	59535	0.83	cps
Silicon	28-1	13169136	13149151	13107836	13142041	0.24	cps
Silver	107-1	14459829	14553612	14459756	14491066	0.37	cps
Silver	109-1	13965058	14051619	14033804	14016827	0.33	cps
Sodium	23-2	64630224	65211572	64854159	64898652	0.45	cps
Strontium	86-1	3676392	3726432	3713750	3705525	0.70	cps
Strontium	88-1	31993415	32222810	32324702	32180309	0.53	cps
Sulfur	34-1	975861	982054	984253	980723	0.44	cps
Terbium	159-1	13777605	13839888	13852187	13823227	0.29	cps
Terbium	159-2	9672089	9705399	9829872	9735787	0.85	cps
Thallium	203-1	11603450	11657965	11514057	11591824	0.63	cps
Thallium	205-1	27510625	27534975	27242987	27429529	0.59	cps
Tin	118-1	9824227	9847143	9945492	9872287	0.65	cps
Titanium	47-1	14108239	14148774	14266722	14174579	0.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:20:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38146975	37929774	37861515	37979422	0.39	cps
Vanadium	51-2	3999747	3977124	3947014	3974628	0.67	cps
Yttrium	89-1	12259250	12323464	12252681	12278465	0.32	cps
Yttrium	89-2	3301905	3304334	3272806	3293015	0.53	cps
Zinc	66-2	8588581	8520694	8393746	8501007	1.16	cps
Zirconium	90-1	19829476	19860751	20005084	19898437	0.47	cps
Zirconium	91-1	4376487	4359660	4410606	4382251	0.59	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:23:17	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27437574	27253811	27669653	27453679	0.76	cps
Antimony	121-1	7829	7135	6498	7154	9.30	cps
Arsenic	75-2	387	363	323	358	8.95	cps
Barium	135-1	9113	7892	7219	8075	11.89	cps
Barium	137-1	15091	13940	12589	13874	9.03	cps
Beryllium	9-1	597	500	493	530	10.91	cps
Bismuth	209-1	7288883	6850332	6743712	6960976	4.15	cps
Bismuth	209-2	5952066	5959371	5990297	5967244	0.34	cps
Bromine	81-1	13039	13199	12555	12931	2.59	cps
Bromine	81-2	140	140	177	152	13.91	cps
Cadmium	108-1	103	153	97	118	26.30	cps
Cadmium	106-1	3150	3147	3070	3123	1.45	cps
Cadmium	111-1	3110	2899	2865	2958	4.48	cps
Calcium	43-1	14976617	15188909	15292744	15152757	1.06	cps
Calcium	44-1	241675876	241188763	245607096	242823912	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7576	7175	7459	7403	2.78	cps
Cobalt	59-2	18695	18825	19363	18961	1.87	cps
Copper	63-2	11281	10277	9923	10494	6.71	cps
Dysprosium	156-1	353	460	413	409	13.08	cps
Dysprosium	156-2	390	340	373	368	6.92	cps
Erbium	164-1	443	510	547	500	10.48	cps
Erbium	164-2	337	313	360	337	6.93	cps
Gadolinium	160-1	440	437	520	466	10.13	cps
Gadolinium	160-2	780	713	640	711	9.85	cps
Holmium	165-1	13836897	12773506	12889314	13166573	4.43	cps
Holmium	165-2	9711092	9628569	9596200	9645287	0.61	cps
Indium	115-1	10574546	9929510	9904998	10136351	3.75	cps
Indium	115-2	3794820	3783794	3824699	3801104	0.56	cps
Iron	56-2	1098918997	1099257130	1103563984	1100580037	0.24	cps
Iron	57-2	27140580	27175253	27525253	27280362	0.78	cps
Iron	54-2	58959287	59483136	59087864	59176762	0.46	cps
Krypton	83-1	260	237	210	236	10.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:23:17	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15809	13287	11645	13580	15.45	cps
Lead	207-1	14067	12332	10898	12433	12.77	cps
Lead	208-1	64026	54760	47733	55507	14.72	cps
Lithium	6-1	1733482	1626482	1634378	1664781	3.58	cps
Magnesium	24-2	225828477	225232150	225566617	225542414	0.13	cps
Manganese	55-2	19904	17353	16623	17960	9.59	cps
Molybdenum	94-1	17597	15098	12922	15206	15.38	cps
Molybdenum	95-1	19897	16016	12989	16301	21.24	cps
Molybdenum	96-1	32556	28020	24618	28398	14.03	cps
Molybdenum	97-1	11838	9987	8172	9999	18.33	cps
Molybdenum	98-1	30392	24968	20488	25282	19.62	cps
Neodymium	150-1	223	287	227	246	14.51	cps
Neodymium	150-2	130	167	170	156	14.27	cps
Nickel	60-2	6381	6608	6291	6427	2.54	cps
Phosphorus	31-2	297	240	220	252	15.77	cps
Potassium	39-2	137235238	137274101	138135691	137548344	0.37	cps
Rhodium	103-1	9274410	8530291	8570820	8791840	4.76	cps
Rhodium	103-2	5452161	5433528	5481654	5455781	0.44	cps
Scandium	45-1	6117952	5643634	5766116	5842567	4.21	cps
Scandium	45-2	519552	518230	519563	519115	0.15	cps
Selenium	82-1	324	323	341	329	3.05	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	393	403	383	393	2.54	cps
Silicon	28-1	751926	755926	756452	754768	0.33	cps
Silver	107-1	4788	3851	3157	3932	20.81	cps
Silver	109-1	4454	3694	3014	3721	19.37	cps
Sodium	23-2	347530155	351266968	352841608	350546244	0.78	cps
Strontium	86-1	11284	11571	11174	11343	1.81	cps
Strontium	88-1	99702	96893	97155	97917	1.58	cps
Sulfur	34-1	155404	155078	161749	157410	2.39	cps
Terbium	159-1	14064499	13070200	13165775	13433491	4.08	cps
Terbium	159-2	9592493	9577359	9639962	9603271	0.34	cps
Thallium	203-1	3140	2354	2140	2545	20.70	cps
Thallium	205-1	7215	5815	4858	5963	19.89	cps
Tin	118-1	5571	5044	4437	5018	11.31	cps
Titanium	47-1	4888	3947	3237	4024	20.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 11:23:17	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9283	7389	5478	7383	25.77	cps
Vanadium	51-2	953	893	867	904	4.91	cps
Yttrium	89-1	12703317	11979101	12131361	12271260	3.11	cps
Yttrium	89-2	3389398	3333661	3391093	3371384	0.97	cps
Zinc	66-2	6585	6418	6421	6475	1.47	cps
Zirconium	90-1	15655	14868	13536	14686	7.29	cps
Zirconium	91-1	3580	3197	2980	3253	9.34	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICV007	Instrumnet Name :	P7
Client Sample ID :	ICV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:06:59	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142393	141528	141091	141671	0.47	cps
Antimony	121-1	2625181	2584104	2607438	2605574	0.79	cps
Arsenic	75-2	137940	138061	137916	137973	0.06	cps
Barium	135-1	317481	316887	314996	316454	0.41	cps
Barium	137-1	549209	547780	544396	547128	0.45	cps
Beryllium	9-1	167392	169676	168826	168631	0.68	cps
Bismuth	209-1	8107044	8076013	7973389	8052149	0.87	cps
Bismuth	209-2	7055122	7107131	6963112	7041789	1.04	cps
Bromine	81-1	14764	14637	14304	14568	1.63	cps
Bromine	81-2	267	183	170	207	25.35	cps
Cadmium	108-1	21212	21446	21850	21503	1.50	cps
Cadmium	106-1	32667	32212	32750	32543	0.89	cps
Cadmium	111-1	336332	332327	332717	333792	0.66	cps
Calcium	43-1	71132	70613	70600	70782	0.43	cps
Calcium	44-1	1153762	1154784	1146050	1151532	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	536111	537969	541947	538676	0.55	cps
Cobalt	59-2	841688	839967	843538	841731	0.21	cps
Copper	63-2	579785	577409	578810	578668	0.21	cps
Dysprosium	156-1	10	37	10	19	81.51	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	43	33	37	38	13.48	cps
Erbium	164-2	50	27	40	39	30.10	cps
Gadolinium	160-1	37	50	63	50	26.66	cps
Gadolinium	160-2	477	407	453	446	8.00	cps
Holmium	165-1	13839185	13651891	13571731	13687602	1.00	cps
Holmium	165-2	10050128	10078417	9933882	10020809	0.76	cps
Indium	115-1	11585537	11554165	11463732	11534478	0.55	cps
Indium	115-2	4292570	4279382	4247935	4273296	0.54	cps
Iron	56-2	9732934	9677732	9784227	9731631	0.55	cps
Iron	57-2	248742	249453	247035	248410	0.50	cps
Iron	54-2	563773	563017	560752	562514	0.28	cps
Krypton	83-1	267	250	207	241	12.85	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICV007	Instrumnet Name :	P7
Client Sample ID :	ICV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:06:59	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1903622	1848323	1851883	1867943	1.66	cps
Lead	207-1	1502713	1501896	1505680	1503430	0.13	cps
Lead	208-1	7410381	7351318	7315924	7359208	0.65	cps
Lithium	6-1	1800541	1762817	1830262	1797873	1.88	cps
Magnesium	24-2	541342	538775	539760	539959	0.24	cps
Manganese	55-2	420353	423172	419470	420998	0.46	cps
Molybdenum	94-1	443	463	363	423	12.50	cps
Molybdenum	95-1	257	280	273	270	4.45	cps
Molybdenum	96-1	590	527	480	532	10.37	cps
Molybdenum	97-1	167	160	170	166	3.08	cps
Molybdenum	98-1	463	477	427	456	5.68	cps
Neodymium	150-1	27	17	20	21	24.12	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	217585	216354	215942	216627	0.39	cps
Phosphorus	31-2	217	210	147	191	20.21	cps
Potassium	39-2	1200193	1200310	1256888	1219130	2.68	cps
Rhodium	103-1	10854144	10812615	10703064	10789941	0.72	cps
Rhodium	103-2	6601639	6536951	6492264	6543618	0.84	cps
Scandium	45-1	6481138	6437611	6455184	6457978	0.34	cps
Scandium	45-2	564646	565053	563329	564343	0.16	cps
Selenium	82-1	41805	41912	41310	41676	0.77	cps
Selenium	77-2	4557	4484	4547	4530	0.88	cps
Selenium	78-2	14821	15078	15161	15020	1.18	cps
Silicon	28-1	716763	718141	714211	716372	0.28	cps
Silver	107-1	773526	778377	780588	777497	0.46	cps
Silver	109-1	745824	750801	745290	747305	0.41	cps
Sodium	23-2	1504162	1497238	1476787	1492729	0.95	cps
Strontium	86-1	1403	1363	1383	1383	1.45	cps
Strontium	88-1	8946	8576	8916	8813	2.33	cps
Sulfur	34-1	188787	189435	189452	189225	0.20	cps
Terbium	159-1	14297934	14185554	14036333	14173274	0.93	cps
Terbium	159-2	9987974	10041395	10018243	10015871	0.27	cps
Thallium	203-1	2413234	2366222	2380484	2386647	1.01	cps
Thallium	205-1	5621493	5627318	5557601	5602137	0.69	cps
Tin	118-1	1537	1527	1500	1521	1.25	cps
Titanium	47-1	137	123	97	119	17.13	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICV007	Instrumnet Name :	P7
Client Sample ID :	ICV007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:06:59	DataFile Name :	017ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	17	27	22	22.91	cps
Vanadium	51-2	464719	464279	461854	463618	0.33	cps
Yttrium	89-1	13639574	13491437	13496099	13542370	0.62	cps
Yttrium	89-2	3670428	3614251	3612311	3632330	0.91	cps
Zinc	66-2	196920	196308	194448	195892	0.66	cps
Zirconium	90-1	767	717	760	748	3.63	cps
Zirconium	91-1	343	390	427	387	10.80	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICB007	Instrumnet Name :	P7
Client Sample ID :	ICB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:25:40	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	167	150	164	8.19	cps
Antimony	121-1	160	130	117	136	16.37	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	70	47	60	59	19.88	cps
Barium	137-1	100	127	160	129	23.32	cps
Beryllium	9-1	63	20	57	47	50.00	cps
Bismuth	209-1	7996928	7939507	7883128	7939854	0.72	cps
Bismuth	209-2	7023467	7015579	6958430	6999159	0.51	cps
Bromine	81-1	14427	14307	14277	14337	0.55	cps
Bromine	81-2	160	183	147	163	11.36	cps
Cadmium	108-1	27	13	17	19	36.75	cps
Cadmium	106-1	3117	2980	3064	3054	2.26	cps
Cadmium	111-1	2183	2100	2136	2140	1.95	cps
Calcium	43-1	447	383	413	414	7.64	cps
Calcium	44-1	10380	10674	10667	10574	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1517	1383	1383	1428	5.39	cps
Cobalt	59-2	117	103	107	109	6.37	cps
Copper	63-2	823	657	793	758	11.72	cps
Dysprosium	156-1	13	13	17	14	13.35	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	67	60	40	56	24.98	cps
Erbium	164-2	30	20	40	30	33.33	cps
Gadolinium	160-1	53	33	73	53	37.50	cps
Gadolinium	160-2	483	510	460	484	5.16	cps
Holmium	165-1	13677474	13503199	13256581	13479085	1.57	cps
Holmium	165-2	10082592	9976659	9879819	9979690	1.02	cps
Indium	115-1	11724216	11486348	11505376	11571980	1.14	cps
Indium	115-2	4347908	4306905	4294940	4316584	0.64	cps
Iron	56-2	19055	19269	18989	19104	0.77	cps
Iron	57-2	920	983	953	952	3.33	cps
Iron	54-2	2720	2607	2604	2644	2.51	cps
Krypton	83-1	263	263	243	257	4.50	cps

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On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICB007	Instrumnet Name :	P7
Client Sample ID :	ICB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:25:40	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	387	430	360	392	9.01	cps
Lead	207-1	363	387	360	370	3.93	cps
Lead	208-1	1563	1647	1607	1606	2.60	cps
Lithium	6-1	1725479	1726818	1730622	1727640	0.15	cps
Magnesium	24-2	673	653	617	648	4.44	cps
Manganese	55-2	200	297	263	253	19.38	cps
Molybdenum	94-1	297	307	303	302	1.68	cps
Molybdenum	95-1	170	167	190	176	7.19	cps
Molybdenum	96-1	240	197	230	222	10.21	cps
Molybdenum	97-1	110	100	100	103	5.59	cps
Molybdenum	98-1	280	180	243	234	21.58	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	380	400	377	386	3.27	cps
Phosphorus	31-2	153	163	203	173	15.26	cps
Potassium	39-2	51075	51199	51065	51113	0.15	cps
Rhodium	103-1	10727294	10648849	10645692	10673945	0.43	cps
Rhodium	103-2	6601868	6578340	6517266	6565824	0.67	cps
Scandium	45-1	6448850	6403501	6436602	6429651	0.36	cps
Scandium	45-2	577039	574573	571715	574443	0.46	cps
Selenium	82-1	122	118	90	110	15.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	467	390	457	438	9.52	cps
Silicon	28-1	756404	750343	743020	749922	0.89	cps
Silver	107-1	153	193	150	166	14.57	cps
Silver	109-1	133	103	147	128	17.37	cps
Sodium	23-2	21619	21585	21462	21555	0.38	cps
Strontium	86-1	450	473	403	442	8.06	cps
Strontium	88-1	377	303	313	331	12.01	cps
Sulfur	34-1	202320	198096	196622	199013	1.49	cps
Terbium	159-1	14052669	13839926	13844076	13912223	0.87	cps
Terbium	159-2	9903159	10090234	9876833	9956742	1.17	cps
Thallium	203-1	237	343	273	284	19.05	cps
Thallium	205-1	683	653	703	680	3.70	cps
Tin	118-1	1493	1567	1443	1501	4.13	cps
Titanium	47-1	107	103	80	97	15.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICB007	Instrumnet Name :	P7
Client Sample ID :	ICB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:25:40	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	33	22	43.28	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Yttrium	89-1	13532225	13445482	13363515	13447074	0.63	cps
Yttrium	89-2	3694604	3731332	3689371	3705102	0.62	cps
Zinc	66-2	283	260	273	272	4.30	cps
Zirconium	90-1	640	737	610	662	10.00	cps
Zirconium	91-1	137	143	93	124	21.82	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSA007	Instrumnet Name :	P7
Client Sample ID :	ICSA007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:29:38	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25140356	25389877	25446172	25325469	0.64	cps
Antimony	121-1	13623	13493	13593	13570	0.50	cps
Arsenic	75-2	190	237	237	221	12.19	cps
Barium	135-1	4591	4261	4447	4433	3.73	cps
Barium	137-1	7565	7665	7759	7663	1.26	cps
Beryllium	9-1	537	477	500	504	6.00	cps
Bismuth	209-1	7736757	7765727	7678192	7726892	0.58	cps
Bismuth	209-2	6701859	6675553	6737614	6705009	0.46	cps
Bromine	81-1	15245	14434	14911	14863	2.74	cps
Bromine	81-2	377	400	503	427	15.80	cps
Cadmium	108-1	2124	2050	1953	2042	4.18	cps
Cadmium	106-1	2957	2727	2670	2785	5.45	cps
Cadmium	111-1	3200	3134	2975	3103	3.73	cps
Calcium	43-1	3266383	3238367	3276554	3260435	0.61	cps
Calcium	44-1	52117886	51644159	52267583	52009876	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98237	100092	99529	99286	0.96	cps
Cobalt	59-2	9843	9079	9660	9528	4.19	cps
Copper	63-2	39870	39706	39382	39652	0.63	cps
Dysprosium	156-1	70	70	43	61	25.20	cps
Dysprosium	156-2	60	20	50	43	48.04	cps
Erbium	164-1	83	87	117	96	19.21	cps
Erbium	164-2	50	73	63	62	18.81	cps
Gadolinium	160-1	73	70	83	76	9.18	cps
Gadolinium	160-2	460	463	447	457	1.93	cps
Holmium	165-1	13679284	13605416	13493859	13592853	0.69	cps
Holmium	165-2	10016424	9926237	10143365	10028675	1.09	cps
Indium	115-1	10832720	10749511	10774890	10785707	0.40	cps
Indium	115-2	4011462	3995489	3999104	4002018	0.21	cps
Iron	56-2	464060020	458153260	461158633	461123971	0.64	cps
Iron	57-2	11398467	11350549	11373228	11374081	0.21	cps
Iron	54-2	24690241	24756083	24709090	24718472	0.14	cps
Krypton	83-1	207	260	260	242	12.71	cps

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On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSA007	Instrumnet Name :	P7
Client Sample ID :	ICSA007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:29:38	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42750	44021	44135	43635	1.76	cps
Lead	207-1	34928	36125	35563	35539	1.68	cps
Lead	208-1	164705	169017	167147	166957	1.30	cps
Lithium	6-1	1740093	1711647	1688216	1713319	1.52	cps
Magnesium	24-2	42185984	42212815	41977384	42125394	0.31	cps
Manganese	55-2	32235	32265	31757	32085	0.89	cps
Molybdenum	94-1	6936525	6870771	6955379	6920892	0.64	cps
Molybdenum	95-1	12221908	12236118	12415097	12291041	0.88	cps
Molybdenum	96-1	13215418	13335505	13246995	13265973	0.47	cps
Molybdenum	97-1	7549733	7736288	7674186	7653402	1.24	cps
Molybdenum	98-1	19689953	19897120	19789987	19792353	0.52	cps
Neodymium	150-1	63	57	63	61	6.29	cps
Neodymium	150-2	43	33	23	33	30.00	cps
Nickel	60-2	10644	10694	10460	10599	1.16	cps
Phosphorus	31-2	1254166	1254839	1263790	1257598	0.43	cps
Potassium	39-2	54132309	54621639	54850838	54534929	0.67	cps
Rhodium	103-1	9845499	9642065	9592658	9693408	1.38	cps
Rhodium	103-2	5892330	5844117	5891313	5875920	0.47	cps
Scandium	45-1	6066520	6081656	5962705	6036960	1.07	cps
Scandium	45-2	510590	515976	515084	513883	0.56	cps
Selenium	82-1	155	126	126	136	12.16	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	403	383	403	397	2.91	cps
Silicon	28-1	726078	709501	713741	716440	1.20	cps
Silver	107-1	833	623	560	672	21.28	cps
Silver	109-1	723	600	570	631	12.88	cps
Sodium	23-2	69208927	69978552	69650819	69612766	0.55	cps
Strontium	86-1	134386	134101	133989	134159	0.15	cps
Strontium	88-1	1154223	1162425	1166018	1160889	0.52	cps
Sulfur	34-1	4704785	4656084	4683242	4681371	0.52	cps
Terbium	159-1	14002516	14060105	14137034	14066551	0.48	cps
Terbium	159-2	9868384	9969348	9990059	9942597	0.65	cps
Thallium	203-1	1443	1390	1407	1413	1.93	cps
Thallium	205-1	3657	3497	3107	3420	8.27	cps
Tin	118-1	3754	3727	3500	3661	3.80	cps
Titanium	47-1	3143341	3123590	3108955	3125295	0.55	cps

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On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSA007	Instrumnet Name :	P7
Client Sample ID :	ICSA007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:29:38	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	603	583	640	609	4.72	cps
Vanadium	51-2	730	787	697	738	6.17	cps
Yttrium	89-1	12871814	12826527	12836651	12844998	0.19	cps
Yttrium	89-2	3422800	3491611	3459773	3458062	1.00	cps
Zinc	66-2	10317	10667	10544	10509	1.69	cps
Zirconium	90-1	1030	1070	1260	1120	10.97	cps
Zirconium	91-1	260	290	260	270	6.42	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSAB007	Instrumnet Name :	P7
Client Sample ID :	ICSAB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:32:42	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25457408	25391525	25455161	25434698	0.15	cps
Antimony	121-1	260798	264854	265041	263564	0.91	cps
Arsenic	75-2	12996	13440	13163	13199	1.70	cps
Barium	135-1	67124	67469	67633	67409	0.39	cps
Barium	137-1	115376	119540	118411	117776	1.83	cps
Beryllium	9-1	31408	31986	31459	31618	1.01	cps
Bismuth	209-1	8075805	7831556	7831181	7912847	1.78	cps
Bismuth	209-2	6873080	6818386	6763775	6818414	0.80	cps
Bromine	81-1	14931	15628	15225	15261	2.29	cps
Bromine	81-2	350	430	420	400	10.90	cps
Cadmium	108-1	5781	6138	5848	5922	3.20	cps
Cadmium	106-1	8583	8586	8479	8549	0.71	cps
Cadmium	111-1	63407	65346	65156	64636	1.65	cps
Calcium	43-1	3248782	3309879	3254482	3271048	1.03	cps
Calcium	44-1	51570978	52494456	52602869	52222768	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198508	199801	198056	198788	0.46	cps
Cobalt	59-2	164318	163115	163011	163482	0.44	cps
Copper	63-2	145102	143521	143268	143964	0.69	cps
Dysprosium	156-1	73	33	50	52	38.48	cps
Dysprosium	156-2	43	23	50	39	35.69	cps
Erbium	164-1	107	103	103	104	1.85	cps
Erbium	164-2	50	70	73	64	19.58	cps
Gadolinium	160-1	80	93	97	90	9.80	cps
Gadolinium	160-2	473	397	437	436	8.80	cps
Holmium	165-1	14782632	14024401	14034561	14280532	3.05	cps
Holmium	165-2	10092524	10232828	10031904	10119085	1.02	cps
Indium	115-1	11579799	11178296	11103473	11287189	2.27	cps
Indium	115-2	4053261	4085507	4051452	4063407	0.47	cps
Iron	56-2	461098633	465182446	461506260	462595780	0.49	cps
Iron	57-2	11445573	11269386	11293507	11336155	0.84	cps
Iron	54-2	24912505	25210893	24788809	24970735	0.87	cps
Krypton	83-1	283	210	247	247	14.87	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSAB007	Instrumnet Name :	P7
Client Sample ID :	ICSAB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:32:42	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	215942	221601	222667	220070	1.64	cps
Lead	207-1	185917	189182	189358	188152	1.03	cps
Lead	208-1	858524	869417	871341	866427	0.80	cps
Lithium	6-1	1755007	1694033	1698769	1715936	1.98	cps
Magnesium	24-2	42492806	42349206	42355724	42399245	0.19	cps
Manganese	55-2	109716	109595	110595	109969	0.50	cps
Molybdenum	94-1	6988174	7233360	7056783	7092772	1.78	cps
Molybdenum	95-1	12255884	12576227	12414310	12415474	1.29	cps
Molybdenum	96-1	13302566	13472102	13429759	13401475	0.66	cps
Molybdenum	97-1	7653441	7749418	7794715	7732525	0.93	cps
Molybdenum	98-1	19922445	20038798	20137763	20033002	0.54	cps
Neodymium	150-1	53	60	47	53	12.50	cps
Neodymium	150-2	47	20	37	34	39.11	cps
Nickel	60-2	48358	49648	48307	48771	1.56	cps
Phosphorus	31-2	1265084	1275714	1266739	1269179	0.45	cps
Potassium	39-2	54653291	55223834	54585456	54820860	0.64	cps
Rhodium	103-1	10300652	9956787	9874624	10044021	2.25	cps
Rhodium	103-2	6069412	6053358	6029339	6050703	0.33	cps
Scandium	45-1	6423443	6122731	6009680	6185284	3.46	cps
Scandium	45-2	524471	528756	523624	525617	0.52	cps
Selenium	82-1	3869	4244	3955	4023	4.88	cps
Selenium	77-2	450	407	413	423	5.51	cps
Selenium	78-2	1867	1773	1823	1821	2.56	cps
Silicon	28-1	740818	746953	748376	745382	0.54	cps
Silver	107-1	289389	297139	297193	294574	1.52	cps
Silver	109-1	278086	284420	285763	282756	1.45	cps
Sodium	23-2	70033606	69580392	70079701	69897900	0.39	cps
Strontium	86-1	134945	137656	138787	137129	1.44	cps
Strontium	88-1	1157986	1187717	1190094	1178599	1.52	cps
Sulfur	34-1	4640786	4620828	4661712	4641109	0.44	cps
Terbium	159-1	15229611	14526225	14368611	14708149	3.12	cps
Terbium	159-2	10222969	10078930	9968127	10090009	1.27	cps
Thallium	203-1	221436	228979	228952	226456	1.92	cps
Thallium	205-1	525484	534664	538058	532735	1.22	cps
Tin	118-1	2924	3137	3214	3091	4.86	cps
Titanium	47-1	3091684	3177443	3113999	3127709	1.42	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	ICSAB007	Instrumnet Name :	P7
Client Sample ID :	ICSAB007	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:32:42	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	650	577	587	604	6.58	cps
Vanadium	51-2	86392	87790	88457	87546	1.20	cps
Yttrium	89-1	13835703	13359717	13170484	13455301	2.55	cps
Yttrium	89-2	3546451	3552206	3510375	3536344	0.64	cps
Zinc	66-2	29506	28941	29269	29239	0.97	cps
Zirconium	90-1	1037	1040	1123	1067	4.60	cps
Zirconium	91-1	200	240	277	239	16.05	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:35:47	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13919992	13902153	13879493	13900546	0.15	cps
Antimony	121-1	5892366	6074526	6132671	6033188	2.08	cps
Arsenic	75-2	299211	300882	300643	300245	0.30	cps
Barium	135-1	7827437	7893417	7922768	7881208	0.62	cps
Barium	137-1	13292956	13650769	13741770	13561832	1.75	cps
Beryllium	9-1	714724	742031	741497	732751	2.13	cps
Bismuth	209-1	7954284	7418687	7375086	7582686	4.25	cps
Bismuth	209-2	6384788	6420335	6390054	6398393	0.30	cps
Bromine	81-1	13109	13823	13510	13481	2.65	cps
Bromine	81-2	87	123	110	107	17.40	cps
Cadmium	108-1	105255	107266	107612	106711	1.19	cps
Cadmium	106-1	150423	153373	154633	152810	1.41	cps
Cadmium	111-1	1420248	1453616	1455559	1443141	1.38	cps
Calcium	43-1	7860319	8077581	8175366	8037755	2.01	cps
Calcium	44-1	125964011	130438265	129787081	128729786	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2405489	2403657	2417749	2408965	0.32	cps
Cobalt	59-2	3740794	3703571	3715139	3719835	0.51	cps
Copper	63-2	26248037	26343623	26105839	26232500	0.46	cps
Dysprosium	156-1	320	343	303	322	6.24	cps
Dysprosium	156-2	433	460	457	450	3.23	cps
Erbium	164-1	267	310	283	287	7.63	cps
Erbium	164-2	237	217	217	223	5.17	cps
Gadolinium	160-1	300	293	320	304	4.56	cps
Gadolinium	160-2	497	640	633	590	13.71	cps
Holmium	165-1	14508392	13401079	13390671	13766714	4.67	cps
Holmium	165-2	9823755	9893602	9893030	9870129	0.41	cps
Indium	115-1	11259861	10442637	10429904	10710801	4.44	cps
Indium	115-2	3766795	3835728	3921193	3841238	2.01	cps
Iron	56-2	567627458	566679725	562802645	565703276	0.45	cps
Iron	57-2	14047814	13989055	13955381	13997417	0.33	cps
Iron	54-2	30456897	30375933	30578432	30470421	0.33	cps
Krypton	83-1	207	250	190	216	14.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:35:47	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21418473	22231160	21876757	21842130	1.87	cps
Lead	207-1	19526626	20336637	20233124	20032129	2.20	cps
Lead	208-1	88504819	91565515	91379826	90483386	1.90	cps
Lithium	6-1	1739375	1636521	1602011	1659302	4.31	cps
Magnesium	24-2	107478895	107491555	107329338	107433263	0.08	cps
Manganese	55-2	19317385	19110690	19184453	19204176	0.55	cps
Molybdenum	94-1	21016218	21410461	21449964	21292214	1.13	cps
Molybdenum	95-1	30023483	30792300	30997800	30604528	1.68	cps
Molybdenum	96-1	33032415	34010059	33876451	33639642	1.58	cps
Molybdenum	97-1	18783287	19370591	19186432	19113437	1.57	cps
Molybdenum	98-1	48876293	49976569	49571831	49474898	1.12	cps
Neodymium	150-1	467	477	543	496	8.41	cps
Neodymium	150-2	160	130	150	147	10.41	cps
Nickel	60-2	893191	889664	888216	890357	0.29	cps
Phosphorus	31-2	124114	125204	124471	124596	0.45	cps
Potassium	39-2	68740142	69103464	69192931	69012179	0.35	cps
Rhodium	103-1	10041828	9260689	9072449	9458322	5.43	cps
Rhodium	103-2	5668368	5724758	5698511	5697212	0.50	cps
Scandium	45-1	6357507	5936204	5875552	6056421	4.33	cps
Scandium	45-2	515591	518866	521621	518693	0.58	cps
Selenium	82-1	85084	87754	86715	86517	1.56	cps
Selenium	77-2	9453	9183	8963	9200	2.67	cps
Selenium	78-2	30879	30415	31163	30819	1.23	cps
Silicon	28-1	3492904	3592721	3555658	3547094	1.42	cps
Silver	107-1	7317139	7334624	7461185	7370983	1.07	cps
Silver	109-1	7084881	7181402	7162127	7142803	0.72	cps
Sodium	23-2	173666167	172884877	174783391	173778145	0.55	cps
Strontium	86-1	1934216	1952886	1952885	1946662	0.55	cps
Strontium	88-1	16656921	16737692	17034610	16809741	1.18	cps
Sulfur	34-1	585555	597925	599891	594457	1.31	cps
Terbium	159-1	14829079	13684959	13806428	14106822	4.45	cps
Terbium	159-2	9675882	9778123	9759815	9737940	0.56	cps
Thallium	203-1	5625146	5774593	5761099	5720279	1.45	cps
Thallium	205-1	13402483	13665635	13625087	13564402	1.04	cps
Tin	118-1	4995059	5074582	5118607	5062749	1.24	cps
Titanium	47-1	7521848	7551119	7646753	7573240	0.86	cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:35:47	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18363792	18887553	18522158	18591168	1.44	cps
Vanadium	51-2	2139822	2138884	2160379	2146362	0.57	cps
Yttrium	89-1	13636574	12586057	12360225	12860952	5.30	cps
Yttrium	89-2	3401282	3415367	3407297	3407982	0.21	cps
Zinc	66-2	4325825	4281284	4310256	4305788	0.52	cps
Zirconium	90-1	10305095	10508521	10577707	10463774	1.35	cps
Zirconium	91-1	2289410	2340564	2348841	2326272	1.38	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:43:41	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	127	140	140	9.52	cps
Antimony	121-1	470	553	387	470	17.73	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	63	87	83	78	16.23	cps
Barium	137-1	203	163	173	180	11.56	cps
Beryllium	9-1	87	53	100	80	30.05	cps
Bismuth	209-1	8379202	8249211	8178200	8268871	1.23	cps
Bismuth	209-2	7143011	7237019	7107340	7162457	0.94	cps
Bromine	81-1	13670	13820	13773	13754	0.56	cps
Bromine	81-2	237	227	230	231	2.20	cps
Cadmium	108-1	17	7	13	12	41.65	cps
Cadmium	106-1	2900	2970	2964	2945	1.31	cps
Cadmium	111-1	2065	2105	2095	2088	0.98	cps
Calcium	43-1	360	317	340	339	6.40	cps
Calcium	44-1	10631	10257	10347	10411	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1423	1493	1270	1396	8.19	cps
Cobalt	59-2	87	87	117	97	17.92	cps
Copper	63-2	847	887	850	861	2.58	cps
Dysprosium	156-1	20	10	20	17	34.64	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	80	43	60	61	30.04	cps
Erbium	164-2	27	43	40	37	24.04	cps
Gadolinium	160-1	40	47	67	51	27.15	cps
Gadolinium	160-2	423	447	437	436	2.69	cps
Holmium	165-1	13971139	13666494	13461776	13699803	1.87	cps
Holmium	165-2	10009943	10139362	9986782	10045362	0.82	cps
Indium	115-1	11512273	11415532	11377572	11435126	0.61	cps
Indium	115-2	4269204	4273494	4228293	4256997	0.59	cps
Iron	56-2	20013	19670	19216	19633	2.04	cps
Iron	57-2	793	833	867	831	4.42	cps
Iron	54-2	2274	2390	2340	2335	2.51	cps
Krypton	83-1	210	253	217	227	10.30	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:43:41	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	847	793	783	808	4.22	cps
Lead	207-1	800	690	683	724	9.04	cps
Lead	208-1	3454	3280	3080	3271	5.71	cps
Lithium	6-1	1752939	1755467	1771453	1759953	0.57	cps
Magnesium	24-2	963	933	917	938	2.52	cps
Manganese	55-2	330	277	317	308	9.02	cps
Molybdenum	94-1	570	537	557	554	3.03	cps
Molybdenum	95-1	460	537	427	474	11.89	cps
Molybdenum	96-1	550	597	517	554	7.25	cps
Molybdenum	97-1	260	270	250	260	3.85	cps
Molybdenum	98-1	783	767	667	739	8.54	cps
Neodymium	150-1	13	3	10	9	57.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	320	363	360	348	6.93	cps
Phosphorus	31-2	240	140	150	177	31.17	cps
Potassium	39-2	47267	47213	47424	47301	0.23	cps
Rhodium	103-1	10547720	10633796	10376832	10519450	1.24	cps
Rhodium	103-2	6493861	6512230	6431383	6479158	0.65	cps
Scandium	45-1	6307001	6305487	6260586	6291025	0.42	cps
Scandium	45-2	544670	539847	538869	541129	0.57	cps
Selenium	82-1	130	94	75	99	28.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	403	440	393	412	5.96	cps
Silicon	28-1	642368	639757	639939	640688	0.23	cps
Silver	107-1	253	210	220	228	9.96	cps
Silver	109-1	193	167	170	177	8.23	cps
Sodium	23-2	30757	30293	30180	30410	1.01	cps
Strontium	86-1	460	433	367	420	11.45	cps
Strontium	88-1	433	417	437	429	2.50	cps
Sulfur	34-1	175211	174679	174631	174841	0.18	cps
Terbium	159-1	14222000	14230619	13928985	14127201	1.22	cps
Terbium	159-2	10034842	10130999	10019783	10061874	0.60	cps
Thallium	203-1	690	560	577	609	11.62	cps
Thallium	205-1	1597	1560	1470	1542	4.23	cps
Tin	118-1	1380	1817	1357	1518	17.08	cps
Titanium	47-1	157	170	87	138	32.49	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:43:41	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170	163	117	150	19.37	cps
Vanadium	51-2	37	23	7	22	67.63	cps
Yttrium	89-1	13483139	13341410	13229644	13351398	0.95	cps
Yttrium	89-2	3599318	3549369	3570497	3573061	0.70	cps
Zinc	66-2	257	243	310	270	13.07	cps
Zirconium	90-1	820	773	783	792	3.10	cps
Zirconium	91-1	140	167	203	170	18.71	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BL	Instrumnet Name :	P7
Client Sample ID :	PBW834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:56:05	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	310	403	363	13.23	cps
Antimony	121-1	127	153	113	131	15.54	cps
Arsenic	75-2	7	3	10	7	50.03	cps
Barium	135-1	93	57	80	77	24.20	cps
Barium	137-1	167	87	103	119	35.50	cps
Beryllium	9-1	63	77	73	71	9.76	cps
Bismuth	209-1	8300054	8119718	7861774	8093849	2.72	cps
Bismuth	209-2	7254043	7271525	7223803	7249791	0.33	cps
Bromine	81-1	14234	14464	14097	14265	1.30	cps
Bromine	81-2	193	173	143	170	14.80	cps
Cadmium	108-1	20	3	17	13	66.16	cps
Cadmium	106-1	3200	3024	2937	3054	4.40	cps
Cadmium	111-1	2236	2124	2071	2144	3.94	cps
Calcium	43-1	340	370	347	352	4.47	cps
Calcium	44-1	10324	10043	10477	10281	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1450	1533	1540	1508	3.33	cps
Cobalt	59-2	120	117	107	114	6.06	cps
Copper	63-2	1083	957	1030	1023	6.21	cps
Dysprosium	156-1	10	10	23	14	53.28	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	43	43	70	52	29.49	cps
Erbium	164-2	40	30	30	33	17.32	cps
Gadolinium	160-1	50	43	37	43	15.38	cps
Gadolinium	160-2	430	440	450	440	2.27	cps
Holmium	165-1	13804681	13589460	13161400	13518514	2.42	cps
Holmium	165-2	10106840	10067227	10084155	10086074	0.20	cps
Indium	115-1	11581744	11477978	10988698	11349474	2.79	cps
Indium	115-2	4339632	4371712	4323542	4344962	0.56	cps
Iron	56-2	19232	19586	18809	19209	2.03	cps
Iron	57-2	907	870	890	889	2.07	cps
Iron	54-2	2430	2327	2594	2450	5.49	cps
Krypton	83-1	263	180	307	250	25.75	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BL	Instrumnet Name :	P7
Client Sample ID :	PBW834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:56:05	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	463	493	467	474	3.47	cps
Lead	207-1	407	393	447	416	6.68	cps
Lead	208-1	1940	1830	1970	1913	3.85	cps
Lithium	6-1	1798752	1777131	1682666	1752850	3.52	cps
Magnesium	24-2	1043	843	887	924	11.38	cps
Manganese	55-2	437	493	433	454	7.42	cps
Molybdenum	94-1	323	303	330	319	4.35	cps
Molybdenum	95-1	227	220	190	212	9.20	cps
Molybdenum	96-1	257	297	230	261	12.85	cps
Molybdenum	97-1	97	137	120	118	17.06	cps
Molybdenum	98-1	277	287	270	278	3.02	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	333	380	353	356	6.59	cps
Phosphorus	31-2	150	203	137	163	21.60	cps
Potassium	39-2	49694	48942	50380	49672	1.45	cps
Rhodium	103-1	10791667	10573389	10200417	10521824	2.84	cps
Rhodium	103-2	6580972	6635238	6575655	6597288	0.50	cps
Scandium	45-1	6458394	6288530	6169299	6305408	2.30	cps
Scandium	45-2	563771	558459	558699	560310	0.54	cps
Selenium	82-1	122	182	14	106	80.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	467	460	413	447	6.51	cps
Silicon	28-1	676842	689183	697163	687729	1.49	cps
Silver	107-1	220	223	213	219	2.33	cps
Silver	109-1	203	163	177	181	11.25	cps
Sodium	23-2	25191	25698	25625	25505	1.08	cps
Strontium	86-1	410	493	477	460	9.59	cps
Strontium	88-1	357	360	367	361	1.41	cps
Sulfur	34-1	187211	188325	189712	188416	0.66	cps
Terbium	159-1	14291362	14073605	13366295	13910421	3.48	cps
Terbium	159-2	10150583	10108034	9971620	10076746	0.93	cps
Thallium	203-1	497	417	467	460	8.79	cps
Thallium	205-1	1073	1130	1033	1079	4.50	cps
Tin	118-1	1497	1490	1340	1442	6.14	cps
Titanium	47-1	123	110	50	94	41.36	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BL	Instrumnet Name :	P7
Client Sample ID :	PBW834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:56:05	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	23	23	23	0.00	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Yttrium	89-1	13621674	13406145	12744104	13257308	3.45	cps
Yttrium	89-2	3736451	3640546	3696462	3691153	1.31	cps
Zinc	66-2	423	433	460	439	4.32	cps
Zirconium	90-1	720	687	543	650	14.44	cps
Zirconium	91-1	150	140	113	134	14.10	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BS	Instrumnet Name :	P7
Client Sample ID :	LCS834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:59:23	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2649586	2623113	2616195	2629631	0.67	cps
Antimony	121-1	6282225	6308510	6169959	6253565	1.18	cps
Arsenic	75-2	303425	301912	300649	301995	0.46	cps
Barium	135-1	8078994	7940069	7929236	7982766	1.05	cps
Barium	137-1	13843439	13763291	13536571	13714434	1.16	cps
Beryllium	9-1	775316	774914	769302	773178	0.43	cps
Bismuth	209-1	8169293	8019779	8165526	8118199	1.05	cps
Bismuth	209-2	6883382	6846523	7061720	6930542	1.66	cps
Bromine	81-1	13583	12972	12892	13149	2.87	cps
Bromine	81-2	147	107	150	134	17.93	cps
Cadmium	108-1	114306	114396	112536	113746	0.92	cps
Cadmium	106-1	163535	163344	160711	162530	0.97	cps
Cadmium	111-1	1542601	1541778	1525320	1536567	0.63	cps
Calcium	43-1	1647638	1648910	1625647	1640732	0.80	cps
Calcium	44-1	26214054	26497008	25919947	26210336	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2361261	2366135	2342311	2356569	0.53	cps
Cobalt	59-2	3733323	3763372	3764211	3753635	0.47	cps
Copper	63-2	27237840	27159870	26919800	27105837	0.61	cps
Dysprosium	156-1	120	150	150	140	12.37	cps
Dysprosium	156-2	293	307	357	319	10.47	cps
Erbium	164-1	140	113	90	114	21.86	cps
Erbium	164-2	53	83	67	68	22.18	cps
Gadolinium	160-1	100	127	117	114	11.77	cps
Gadolinium	160-2	487	427	490	468	7.62	cps
Holmium	165-1	14003908	13764344	13610524	13792925	1.44	cps
Holmium	165-2	9906907	9776784	9941621	9875104	0.88	cps
Indium	115-1	11336540	10915396	10829158	11027032	2.46	cps
Indium	115-2	3984831	3959416	4036104	3993450	0.98	cps
Iron	56-2	111863068	111302045	110942122	111369078	0.42	cps
Iron	57-2	2776205	2759215	2786280	2773900	0.49	cps
Iron	54-2	6109267	6083359	6026691	6073106	0.70	cps
Krypton	83-1	267	197	257	240	15.77	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BS	Instrumnet Name :	P7
Client Sample ID :	LCS834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:59:23	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22619925	22858540	22680607	22719690	0.55	cps
Lead	207-1	20616681	20775328	20891371	20761127	0.66	cps
Lead	208-1	92479913	93432697	93977929	93296846	0.81	cps
Lithium	6-1	1822526	1793941	1806048	1807505	0.79	cps
Magnesium	24-2	20609846	20718387	20690331	20672855	0.27	cps
Manganese	55-2	18884958	19124650	18811225	18940278	0.87	cps
Molybdenum	94-1	21410541	21162923	20917067	21163510	1.17	cps
Molybdenum	95-1	31218593	30517019	30518393	30751335	1.32	cps
Molybdenum	96-1	34245426	33428105	33127261	33600264	1.72	cps
Molybdenum	97-1	19349945	19105357	18876639	19110647	1.24	cps
Molybdenum	98-1	49918238	49505104	49002571	49475304	0.93	cps
Neodymium	150-1	323	360	357	347	5.85	cps
Neodymium	150-2	70	93	123	96	27.98	cps
Nickel	60-2	907359	901194	905401	904651	0.35	cps
Phosphorus	31-2	123469	123170	122196	122945	0.54	cps
Potassium	39-2	13396839	13409283	13283545	13363222	0.52	cps
Rhodium	103-1	10247859	10084918	9863483	10065420	1.92	cps
Rhodium	103-2	5966230	5941316	5986354	5964633	0.38	cps
Scandium	45-1	6350304	6159153	6004004	6171154	2.81	cps
Scandium	45-2	514744	512186	511132	512687	0.36	cps
Selenium	82-1	93913	94132	91376	93140	1.64	cps
Selenium	77-2	9627	9717	9426	9590	1.55	cps
Selenium	78-2	32723	32319	32589	32543	0.63	cps
Silicon	28-1	7991641	7791914	7706749	7830101	1.87	cps
Silver	107-1	7931188	7799137	7797589	7842638	0.98	cps
Silver	109-1	7693113	7544293	7595409	7610939	0.99	cps
Sodium	23-2	34043065	34219564	34086804	34116478	0.27	cps
Strontium	86-1	1988212	2007754	1926884	1974284	2.14	cps
Strontium	88-1	17195163	17101609	16710651	17002475	1.51	cps
Sulfur	34-1	632288	621425	609171	620962	1.86	cps
Terbium	159-1	14435645	14032221	13786712	14084859	2.33	cps
Terbium	159-2	9931981	9836482	9918124	9895529	0.52	cps
Thallium	203-1	5918917	5866089	5884663	5889890	0.46	cps
Thallium	205-1	13817601	13853371	13816490	13829154	0.15	cps
Tin	118-1	5189291	5195299	5144865	5176485	0.53	cps
Titanium	47-1	7810535	7740177	7581155	7710622	1.52	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165834BS	Instrumnet Name :	P7
Client Sample ID :	LCS834	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 12:59:23	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18339594	18558547	18434515	18444219	0.60	cps
Vanadium	51-2	2075544	2086854	2089434	2083944	0.35	cps
Yttrium	89-1	13489856	13119295	12908477	13172543	2.23	cps
Yttrium	89-2	3383301	3384246	3429664	3399070	0.78	cps
Zinc	66-2	4563550	4533288	4533254	4543364	0.38	cps
Zirconium	90-1	10595193	10488015	10310977	10464728	1.37	cps
Zirconium	91-1	2322870	2295116	2315927	2311304	0.62	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:02:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6867094	6806194	6820548	6831279	0.47	cps
Antimony	121-1	3467	2880	2397	2915	18.39	cps
Arsenic	75-2	1117	1070	1183	1123	5.07	cps
Barium	135-1	129377	130346	131052	130259	0.65	cps
Barium	137-1	222964	225056	227778	225266	1.07	cps
Beryllium	9-1	1277	1043	1093	1138	10.80	cps
Bismuth	209-1	7771055	7862690	7979945	7871230	1.33	cps
Bismuth	209-2	6886628	6893267	6849604	6876500	0.34	cps
Bromine	81-1	13730	13940	13890	13853	0.79	cps
Bromine	81-2	597	510	590	566	8.53	cps
Cadmium	108-1	77	83	63	74	13.68	cps
Cadmium	106-1	3797	3801	3801	3799	0.05	cps
Cadmium	111-1	3168	3105	3039	3104	2.07	cps
Calcium	43-1	2801100	2813460	2838855	2817805	0.68	cps
Calcium	44-1	44159891	44992389	45200349	44784210	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39629	40307	39642	39859	0.97	cps
Cobalt	59-2	523345	521735	523946	523009	0.22	cps
Copper	63-2	88358	87789	87232	87793	0.64	cps
Dysprosium	156-1	161604	164352	163634	163197	0.87	cps
Dysprosium	156-2	133144	134524	134634	134101	0.62	cps
Erbium	164-1	212067	213084	214775	213309	0.64	cps
Erbium	164-2	157516	155967	155350	156278	0.71	cps
Gadolinium	160-1	173966	176040	176095	175367	0.69	cps
Gadolinium	160-2	133754	133930	135037	134240	0.52	cps
Holmium	165-1	13623525	13631512	13829787	13694942	0.85	cps
Holmium	165-2	10125694	10010077	10095288	10077020	0.59	cps
Indium	115-1	10743223	10860039	11012383	10871882	1.24	cps
Indium	115-2	4085787	4024645	4116174	4075535	1.14	cps
Iron	56-2	955087106	955440332	956891319	955806252	0.10	cps
Iron	57-2	23492594	23412855	23438969	23448139	0.17	cps
Iron	54-2	51028283	52000603	51368246	51465710	0.96	cps
Krypton	83-1	633	607	620	620	2.15	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:02:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11418	10327	10114	10620	6.59	cps
Lead	207-1	9523	9297	8783	9201	4.12	cps
Lead	208-1	44866	41825	40467	42386	5.31	cps
Lithium	6-1	1695480	1676109	1614611	1662066	2.54	cps
Magnesium	24-2	17588345	17410834	17677054	17558744	0.77	cps
Manganese	55-2	12939685	13003744	12929718	12957716	0.31	cps
Molybdenum	94-1	11101	10417	10324	10614	4.00	cps
Molybdenum	95-1	6088	4938	4371	5132	17.05	cps
Molybdenum	96-1	17948	16620	16156	16908	5.50	cps
Molybdenum	97-1	3814	3324	2700	3279	17.02	cps
Molybdenum	98-1	9617	7178	6438	7744	21.47	cps
Neodymium	150-1	184263	184048	185418	184576	0.40	cps
Neodymium	150-2	116570	115538	115757	115955	0.47	cps
Nickel	60-2	52893	52809	52542	52748	0.35	cps
Phosphorus	31-2	8026	7992	8089	8036	0.61	cps
Potassium	39-2	455090	454804	454444	454779	0.07	cps
Rhodium	103-1	9601010	9836130	9744107	9727082	1.22	cps
Rhodium	103-2	6015672	6001285	6091571	6036176	0.80	cps
Scandium	45-1	5978933	5968969	5989471	5979124	0.17	cps
Scandium	45-2	522090	521799	525508	523133	0.39	cps
Selenium	82-1	288	300	273	287	4.71	cps
Selenium	77-2	407	377	400	394	3.99	cps
Selenium	78-2	610	730	683	674	8.97	cps
Silicon	28-1	149550134	153008758	153688171	152082354	1.46	cps
Silver	107-1	2230	1920	1423	1858	21.90	cps
Silver	109-1	1890	1727	1297	1638	18.71	cps
Sodium	23-2	8997854	8967781	9070394	9012010	0.59	cps
Strontium	86-1	798093	805941	814457	806164	1.02	cps
Strontium	88-1	7138165	7285047	7233581	7218931	1.03	cps
Sulfur	34-1	10682896	10806327	10811780	10767001	0.68	cps
Terbium	159-1	13882719	13983401	14028034	13964718	0.53	cps
Terbium	159-2	9889245	9906238	9980276	9925253	0.49	cps
Thallium	203-1	1720	1443	1327	1497	13.50	cps
Thallium	205-1	3751	3504	3137	3464	8.91	cps
Tin	118-1	4114	3874	3754	3914	4.68	cps
Titanium	47-1	7453	6675	6481	6870	7.48	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:02:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	96543	98370	95348	96753	1.57	cps
Vanadium	51-2	1059131	1065537	1066805	1063824	0.39	cps
Yttrium	89-1	16282747	16432334	16473741	16396274	0.61	cps
Yttrium	89-2	4443029	4457537	4418624	4439730	0.44	cps
Zinc	66-2	228098	225902	229599	227866	0.82	cps
Zirconium	90-1	19950	19793	19613	19786	0.85	cps
Zirconium	91-1	4704	4141	4361	4402	6.45	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:05:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6935879	6902433	6844352	6894221	0.67	cps
Antimony	121-1	913	833	890	879	4.68	cps
Arsenic	75-2	1283	1093	1153	1177	8.25	cps
Barium	135-1	129610	132371	130619	130866	1.07	cps
Barium	137-1	228222	229702	231061	229661	0.62	cps
Beryllium	9-1	1083	957	1073	1038	6.79	cps
Bismuth	209-1	7973785	7832804	7979820	7928803	1.05	cps
Bismuth	209-2	6939907	6907857	6899802	6915855	0.31	cps
Bromine	81-1	14421	14164	14531	14372	1.31	cps
Bromine	81-2	570	553	670	598	10.56	cps
Cadmium	108-1	77	60	47	61	24.60	cps
Cadmium	106-1	3991	3994	3844	3943	2.17	cps
Cadmium	111-1	3086	3057	3001	3048	1.42	cps
Calcium	43-1	2853889	2879527	2874908	2869441	0.48	cps
Calcium	44-1	45716498	45968483	46132159	45939047	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39114	39304	39669	39362	0.72	cps
Cobalt	59-2	528701	531422	531659	530594	0.31	cps
Copper	63-2	87943	86478	86102	86841	1.12	cps
Dysprosium	156-1	164342	167509	168318	166723	1.26	cps
Dysprosium	156-2	134079	134551	134146	134259	0.19	cps
Erbium	164-1	216248	219195	217642	217695	0.68	cps
Erbium	164-2	159249	158888	157611	158583	0.54	cps
Gadolinium	160-1	176875	180163	178734	178591	0.92	cps
Gadolinium	160-2	137499	136514	135794	136602	0.63	cps
Holmium	165-1	13847363	13963647	13871401	13894137	0.44	cps
Holmium	165-2	10305229	10157319	10026871	10163140	1.37	cps
Indium	115-1	11167486	11051753	11029317	11082852	0.67	cps
Indium	115-2	4198293	4085101	4153463	4145619	1.37	cps
Iron	56-2	968671452	965611132	966580572	966954386	0.16	cps
Iron	57-2	23847621	23881125	24010835	23913194	0.36	cps
Iron	54-2	52153829	52191774	52395703	52247102	0.25	cps
Krypton	83-1	587	610	633	610	3.83	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:05:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8513	8263	8553	8443	1.86	cps
Lead	207-1	7095	7125	6828	7016	2.33	cps
Lead	208-1	33250	32662	32022	32644	1.88	cps
Lithium	6-1	1673495	1639703	1661988	1658395	1.04	cps
Magnesium	24-2	17796227	17826808	17739465	17787500	0.25	cps
Manganese	55-2	13105475	13175183	13144306	13141655	0.27	cps
Molybdenum	94-1	8039	7652	7842	7844	2.47	cps
Molybdenum	95-1	1840	1657	1553	1683	8.63	cps
Molybdenum	96-1	13857	13997	13777	13877	0.80	cps
Molybdenum	97-1	1233	1093	927	1085	14.16	cps
Molybdenum	98-1	2470	2384	2010	2288	10.69	cps
Neodymium	150-1	184358	188371	188630	187119	1.28	cps
Neodymium	150-2	116883	118052	116786	117240	0.60	cps
Nickel	60-2	53094	53635	53291	53340	0.51	cps
Phosphorus	31-2	8279	8179	8232	8230	0.61	cps
Potassium	39-2	458098	462416	461831	460782	0.51	cps
Rhodium	103-1	9997404	9989912	10022248	10003188	0.17	cps
Rhodium	103-2	6187788	6134030	6147189	6156336	0.46	cps
Scandium	45-1	6123137	6214059	6253033	6196743	1.08	cps
Scandium	45-2	533889	529395	533750	532345	0.48	cps
Selenium	82-1	316	290	322	309	5.51	cps
Selenium	77-2	380	370	433	394	8.63	cps
Selenium	78-2	777	710	720	736	4.89	cps
Silicon	28-1	152869188	155560668	154936714	154455523	0.91	cps
Silver	107-1	720	587	677	661	10.29	cps
Silver	109-1	673	580	590	614	8.34	cps
Sodium	23-2	9107842	9158098	9044679	9103540	0.62	cps
Strontium	86-1	818995	825159	832887	825680	0.84	cps
Strontium	88-1	7282027	7380581	7449912	7370840	1.14	cps
Sulfur	34-1	10758338	11034104	11053995	10948812	1.51	cps
Terbium	159-1	14285448	14269694	14253245	14269462	0.11	cps
Terbium	159-2	10187893	10030110	9962738	10060247	1.15	cps
Thallium	203-1	817	813	817	816	0.24	cps
Thallium	205-1	1873	1793	1693	1787	5.05	cps
Tin	118-1	3480	3517	3524	3507	0.67	cps
Titanium	47-1	6105	5991	5955	6017	1.30	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:05:13	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	94814	96291	95925	95677	0.80	cps
Vanadium	51-2	1078259	1078587	1080369	1079072	0.11	cps
Yttrium	89-1	16681674	16920563	17047099	16883112	1.10	cps
Yttrium	89-2	4576591	4530179	4547231	4551334	0.52	cps
Zinc	66-2	230305	230708	231263	230759	0.21	cps
Zirconium	90-1	17521	17357	17117	17331	1.17	cps
Zirconium	91-1	4091	3954	3814	3953	3.50	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	25
Date & Time Acquired :	2024-12-23 13:08:22	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1482925	1477116	1491100	1483714	0.47	cps
Antimony	121-1	377	407	320	368	11.97	cps
Arsenic	75-2	237	250	220	236	6.38	cps
Barium	135-1	28205	28148	27871	28074	0.64	cps
Barium	137-1	48028	47385	47342	47585	0.81	cps
Beryllium	9-1	267	310	287	288	7.54	cps
Bismuth	209-1	8489818	8284008	8405072	8392966	1.23	cps
Bismuth	209-2	7273877	7244886	7280246	7266336	0.26	cps
Bromine	81-1	14707	14617	14788	14704	0.58	cps
Bromine	81-2	267	233	330	277	17.75	cps
Cadmium	108-1	33	7	27	22	62.43	cps
Cadmium	106-1	3334	3140	3224	3233	3.00	cps
Cadmium	111-1	2387	2260	2331	2326	2.73	cps
Calcium	43-1	621138	635784	633173	630032	1.24	cps
Calcium	44-1	9681035	9592301	9722207	9665181	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9983	9593	9857	9811	2.03	cps
Cobalt	59-2	116155	113498	114828	114827	1.16	cps
Copper	63-2	19733	20070	20074	19959	0.98	cps
Dysprosium	156-1	34770	35371	34185	34775	1.71	cps
Dysprosium	156-2	28008	27767	28332	28036	1.01	cps
Erbium	164-1	44156	45290	44926	44790	1.29	cps
Erbium	164-2	32651	32257	32351	32420	0.64	cps
Gadolinium	160-1	36644	37152	36591	36796	0.84	cps
Gadolinium	160-2	28395	28880	28937	28737	1.03	cps
Holmium	165-1	14633197	14259982	14336787	14409989	1.37	cps
Holmium	165-2	10377687	10330373	10413564	10373875	0.40	cps
Indium	115-1	11899955	11742746	11771124	11804608	0.71	cps
Indium	115-2	4332835	4392206	4358974	4361338	0.68	cps
Iron	56-2	209574277	208942530	210850397	209789068	0.46	cps
Iron	57-2	5107571	5096331	5121648	5108517	0.25	cps
Iron	54-2	11298695	11334674	11219968	11284445	0.52	cps
Krypton	83-1	220	363	333	306	24.74	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	25
Date & Time Acquired :	2024-12-23 13:08:22	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2307	2324	2327	2319	0.46	cps
Lead	207-1	2020	1837	1913	1923	4.79	cps
Lead	208-1	9198	8955	8971	9041	1.50	cps
Lithium	6-1	1745546	1718322	1694301	1719390	1.49	cps
Magnesium	24-2	3722199	3786406	3811377	3773327	1.22	cps
Manganese	55-2	2839318	2812728	2819507	2823851	0.49	cps
Molybdenum	94-1	1870	1823	1994	1896	4.63	cps
Molybdenum	95-1	517	507	533	519	2.60	cps
Molybdenum	96-1	3194	3127	3047	3123	2.35	cps
Molybdenum	97-1	367	237	297	300	21.69	cps
Molybdenum	98-1	590	547	533	557	5.32	cps
Neodymium	150-1	38653	39803	39174	39210	1.47	cps
Neodymium	150-2	24181	24184	24087	24151	0.23	cps
Nickel	60-2	12108	12105	11731	11982	1.81	cps
Phosphorus	31-2	2000	1900	1907	1936	2.89	cps
Potassium	39-2	135130	136001	136697	135942	0.58	cps
Rhodium	103-1	10903199	10652131	10745277	10766869	1.18	cps
Rhodium	103-2	6535653	6581042	6576445	6564380	0.38	cps
Scandium	45-1	6531981	6467741	6399577	6466433	1.02	cps
Scandium	45-2	557054	560187	561947	559729	0.44	cps
Selenium	82-1	242	131	116	163	42.26	cps
Selenium	77-2	87	77	93	86	9.80	cps
Selenium	78-2	493	513	480	496	3.39	cps
Silicon	28-1	33147642	33976762	33757889	33627431	1.28	cps
Silver	107-1	260	233	190	228	15.51	cps
Silver	109-1	227	223	193	214	8.56	cps
Sodium	23-2	1947617	1977129	1957471	1960739	0.77	cps
Strontium	86-1	174001	174403	173037	173814	0.40	cps
Strontium	88-1	1560169	1566924	1569284	1565459	0.30	cps
Sulfur	34-1	2517077	2511167	2511516	2513253	0.13	cps
Terbium	159-1	14844814	14742273	14769706	14785598	0.36	cps
Terbium	159-2	10251716	10422324	10242834	10305625	0.98	cps
Thallium	203-1	563	477	493	511	9.00	cps
Thallium	205-1	1140	1063	1120	1108	3.59	cps
Tin	118-1	2124	2100	2167	2130	1.59	cps
Titanium	47-1	1340	1327	1253	1307	3.57	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224L	Dilution Factor :	25
Date & Time Acquired :	2024-12-23 13:08:22	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19324	19541	19261	19375	0.76	cps
Vanadium	51-2	229329	230422	230183	229978	0.25	cps
Yttrium	89-1	14789712	14471431	14544546	14601897	1.14	cps
Yttrium	89-2	3927608	3913540	3924071	3921739	0.19	cps
Zinc	66-2	50967	51294	52197	51486	1.24	cps
Zirconium	90-1	4067	4204	4237	4170	2.16	cps
Zirconium	91-1	947	940	870	919	4.62	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:11:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7053961	7039403	7003615	7032326	0.37	cps
Antimony	121-1	1404552	1429421	1425904	1419959	0.95	cps
Arsenic	75-2	77397	76073	76559	76676	0.87	cps
Barium	135-1	1933790	1930479	1915127	1926465	0.52	cps
Barium	137-1	3241860	3298241	3219511	3253204	1.25	cps
Beryllium	9-1	177119	176762	175724	176535	0.41	cps
Bismuth	209-1	7988561	7953805	8005856	7982741	0.33	cps
Bismuth	209-2	6918325	6932664	6917076	6922689	0.13	cps
Bromine	81-1	14414	14574	14537	14508	0.58	cps
Bromine	81-2	553	653	587	598	8.52	cps
Cadmium	108-1	27997	27326	27653	27659	1.21	cps
Cadmium	106-1	43502	43612	43140	43418	0.57	cps
Cadmium	111-1	383638	390162	387261	387020	0.84	cps
Calcium	43-1	3043798	3064925	2989158	3032627	1.29	cps
Calcium	44-1	48335696	49347221	48151236	48611384	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	602596	602910	597900	601135	0.47	cps
Cobalt	59-2	1413500	1411464	1407154	1410706	0.23	cps
Copper	63-2	5719620	5665170	5654785	5679858	0.61	cps
Dysprosium	156-1	155736	159022	159663	158140	1.33	cps
Dysprosium	156-2	127714	127610	128279	127868	0.28	cps
Erbium	164-1	203983	206267	206973	205741	0.76	cps
Erbium	164-2	148931	150302	148072	149101	0.75	cps
Gadolinium	160-1	166760	170267	170611	169212	1.26	cps
Gadolinium	160-2	128015	129522	127433	128323	0.84	cps
Holmium	165-1	14137120	13967689	14026269	14043693	0.61	cps
Holmium	165-2	10139877	10158863	10100111	10132950	0.30	cps
Indium	115-1	11186868	11300160	11152623	11213217	0.69	cps
Indium	115-2	4148959	3999899	4061984	4070281	1.84	cps
Iron	56-2	933011133	940474973	933806359	935764155	0.44	cps
Iron	57-2	23096239	23240793	22997165	23111399	0.53	cps
Iron	54-2	50544611	50845998	50710406	50700338	0.30	cps
Krypton	83-1	620	600	707	642	8.83	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:11:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4389635	4351367	4329955	4356986	0.69	cps
Lead	207-1	3995297	4055364	4094024	4048228	1.23	cps
Lead	208-1	17873133	18095091	18077706	18015310	0.69	cps
Lithium	6-1	1666959	1630082	1673463	1656834	1.41	cps
Magnesium	24-2	20665567	20590600	20526783	20594317	0.34	cps
Manganese	55-2	15868026	16070821	15900837	15946561	0.68	cps
Molybdenum	94-1	3320955	3327860	3308842	3319219	0.29	cps
Molybdenum	95-1	4155455	4159208	4216278	4176980	0.82	cps
Molybdenum	96-1	4657873	4663109	4655001	4658661	0.09	cps
Molybdenum	97-1	2613250	2596346	2587024	2598873	0.51	cps
Molybdenum	98-1	6678548	6688720	6677019	6681429	0.10	cps
Neodymium	150-1	176219	178487	180274	178327	1.14	cps
Neodymium	150-2	110982	110176	110609	110589	0.36	cps
Nickel	60-2	273158	273532	273458	273383	0.07	cps
Phosphorus	31-2	7769	7765	7609	7714	1.19	cps
Potassium	39-2	3482401	3445865	3426929	3451732	0.82	cps
Rhodium	103-1	10317495	10105552	10210225	10211090	1.04	cps
Rhodium	103-2	6146821	6095186	6039585	6093864	0.88	cps
Scandium	45-1	6267201	6349183	6239930	6285438	0.90	cps
Scandium	45-2	531184	529032	529409	529875	0.22	cps
Selenium	82-1	22447	22886	22680	22671	0.97	cps
Selenium	77-2	2644	2737	2710	2697	1.78	cps
Selenium	78-2	8246	8909	8749	8635	4.01	cps
Silicon	28-1	147137368	149590494	146396244	147708036	1.13	cps
Silver	107-1	3214	3277	3240	3244	0.98	cps
Silver	109-1	1837	1957	1773	1856	5.02	cps
Sodium	23-2	15196736	15173294	14989680	15119903	0.75	cps
Strontium	86-1	1240111	1249740	1254824	1248225	0.60	cps
Strontium	88-1	11098541	11264110	11259481	11207377	0.84	cps
Sulfur	34-1	10372116	10508172	10326679	10402323	0.91	cps
Terbium	159-1	14337798	14475771	14392232	14401934	0.48	cps
Terbium	159-2	9907571	10072828	10049619	10010006	0.89	cps
Thallium	203-1	1265371	1284951	1278378	1276233	0.78	cps
Thallium	205-1	3326627	3327465	3293728	3315940	0.58	cps
Tin	118-1	1092167	1119963	1111738	1107956	1.29	cps
Titanium	47-1	664358	669535	664137	666010	0.46	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:11:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4453018	4480156	4578386	4503853	1.46	cps
Vanadium	51-2	1567822	1536784	1534069	1546225	1.21	cps
Yttrium	89-1	17033813	16829614	16905174	16922867	0.61	cps
Yttrium	89-2	4426531	4399372	4466536	4430813	0.76	cps
Zinc	66-2	1094996	1095957	1083236	1091397	0.65	cps
Zirconium	90-1	2566571	2614752	2589617	2590313	0.93	cps
Zirconium	91-1	558742	567140	561284	562389	0.77	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:14:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6990010	6944826	7004949	6979928	0.45	cps
Antimony	121-1	1390051	1414186	1404904	1403047	0.87	cps
Arsenic	75-2	75518	75601	74908	75342	0.50	cps
Barium	135-1	1875699	1905242	1892863	1891268	0.78	cps
Barium	137-1	3209487	3235153	3224320	3222987	0.40	cps
Beryllium	9-1	173590	172532	174042	173388	0.45	cps
Bismuth	209-1	7968831	8100426	8045087	8038115	0.82	cps
Bismuth	209-2	6809478	6898387	6855493	6854453	0.65	cps
Bromine	81-1	13990	14160	14447	14199	1.63	cps
Bromine	81-2	490	547	577	538	8.18	cps
Cadmium	108-1	27025	27339	27499	27288	0.88	cps
Cadmium	106-1	41980	43201	42689	42623	1.44	cps
Cadmium	111-1	376052	380409	384004	380155	1.05	cps
Calcium	43-1	3022266	3026157	3024522	3024315	0.06	cps
Calcium	44-1	47815564	48410388	48004921	48076958	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	590658	594248	592333	592413	0.30	cps
Cobalt	59-2	1382707	1382836	1386458	1384000	0.15	cps
Copper	63-2	5680694	5666111	5719045	5688617	0.48	cps
Dysprosium	156-1	155725	157317	159332	157458	1.15	cps
Dysprosium	156-2	125882	126029	125147	125686	0.38	cps
Erbium	164-1	202029	207727	203834	204530	1.42	cps
Erbium	164-2	148837	148179	149402	148806	0.41	cps
Gadolinium	160-1	167751	169256	170520	169175	0.82	cps
Gadolinium	160-2	127955	126512	127925	127464	0.65	cps
Holmium	165-1	13912464	14194615	14090416	14065831	1.01	cps
Holmium	165-2	10194149	10004720	10064578	10087815	0.96	cps
Indium	115-1	11304490	11267709	11248745	11273648	0.25	cps
Indium	115-2	4099818	4057897	4046655	4068123	0.69	cps
Iron	56-2	926280386	924905506	931207079	927464324	0.36	cps
Iron	57-2	22847307	22794036	22686453	22775932	0.36	cps
Iron	54-2	50110618	50039399	50235246	50128421	0.20	cps
Krypton	83-1	607	557	617	593	5.42	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:14:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4433920	4354396	4388152	4392156	0.91	cps
Lead	207-1	4030703	4029297	4048564	4036188	0.27	cps
Lead	208-1	18028401	17941789	18216236	18062142	0.78	cps
Lithium	6-1	1673087	1714444	1647470	1678334	2.01	cps
Magnesium	24-2	20508019	20307033	20510414	20441822	0.57	cps
Manganese	55-2	15777145	15764624	15820001	15787257	0.18	cps
Molybdenum	94-1	3268603	3281091	3293514	3281070	0.38	cps
Molybdenum	95-1	4134754	4125215	4168108	4142693	0.54	cps
Molybdenum	96-1	4624212	4610869	4621997	4619026	0.15	cps
Molybdenum	97-1	2553625	2578424	2608802	2580284	1.07	cps
Molybdenum	98-1	6619763	6658218	6650577	6642853	0.31	cps
Neodymium	150-1	176111	177823	178180	177371	0.62	cps
Neodymium	150-2	108873	110754	108748	109458	1.03	cps
Nickel	60-2	268951	268024	267374	268117	0.30	cps
Phosphorus	31-2	7379	7985	7929	7764	4.32	cps
Potassium	39-2	3404065	3455083	3472009	3443719	1.03	cps
Rhodium	103-1	10125325	10174153	10089673	10129717	0.42	cps
Rhodium	103-2	6116029	6086220	6105256	6102502	0.25	cps
Scandium	45-1	6216554	6222076	6194034	6210888	0.24	cps
Scandium	45-2	534935	534323	531207	533488	0.37	cps
Selenium	82-1	22464	22558	22695	22572	0.52	cps
Selenium	77-2	2680	2644	2587	2637	1.78	cps
Selenium	78-2	8049	8446	8049	8181	2.80	cps
Silicon	28-1	145484131	145856054	145888908	145743031	0.15	cps
Silver	107-1	3254	3244	3447	3315	3.46	cps
Silver	109-1	1827	1847	1883	1852	1.55	cps
Sodium	23-2	14998947	15154002	15031536	15061495	0.54	cps
Strontium	86-1	1233739	1245367	1238808	1239305	0.47	cps
Strontium	88-1	11118772	11182014	10963016	11087934	1.02	cps
Sulfur	34-1	10301174	10284533	10447961	10344556	0.87	cps
Terbium	159-1	14383783	14357833	14354002	14365206	0.11	cps
Terbium	159-2	10140500	10027444	10072452	10080132	0.56	cps
Thallium	203-1	1268057	1285494	1278848	1277466	0.69	cps
Thallium	205-1	3262149	3287860	3278787	3276265	0.40	cps
Tin	118-1	1090232	1107159	1120399	1105930	1.37	cps
Titanium	47-1	650432	662296	656187	656305	0.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:14:22	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4478614	4547404	4541504	4522507	0.84	cps
Vanadium	51-2	1536494	1540422	1520463	1532460	0.69	cps
Yttrium	89-1	16933930	16885155	16702703	16840596	0.72	cps
Yttrium	89-2	4419700	4391612	4446941	4419418	0.63	cps
Zinc	66-2	1084309	1086959	1085548	1085605	0.12	cps
Zirconium	90-1	2531488	2589584	2544891	2555321	1.19	cps
Zirconium	91-1	549184	551979	560300	553821	1.04	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:17:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6985489	7022598	6987723	6998603	0.30	cps
Antimony	121-1	1420849	1426803	1435640	1427764	0.52	cps
Arsenic	75-2	75722	77145	75487	76118	1.18	cps
Barium	135-1	1882778	1940592	1940814	1921395	1.74	cps
Barium	137-1	3262312	3307582	3349794	3306563	1.32	cps
Beryllium	9-1	174973	176671	176628	176091	0.55	cps
Bismuth	209-1	8076013	8075389	8133829	8095077	0.41	cps
Bismuth	209-2	6852434	6916785	6893683	6887634	0.47	cps
Bromine	81-1	14507	14844	14240	14531	2.08	cps
Bromine	81-2	580	527	603	570	6.89	cps
Cadmium	108-1	27162	27653	27469	27428	0.90	cps
Cadmium	106-1	42943	43315	43044	43100	0.45	cps
Cadmium	111-1	383355	390564	389129	387683	0.98	cps
Calcium	43-1	3025346	3028453	3040137	3031312	0.26	cps
Calcium	44-1	48955774	48761681	48638621	48785359	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	602453	601526	597436	600471	0.44	cps
Cobalt	59-2	1470642	1448918	1399406	1439655	2.54	cps
Copper	63-2	5779471	5748770	5709984	5746075	0.61	cps
Dysprosium	156-1	156515	161520	160651	159562	1.68	cps
Dysprosium	156-2	128807	128410	128602	128607	0.15	cps
Erbium	164-1	204196	207126	209961	207094	1.39	cps
Erbium	164-2	150534	150525	149591	150217	0.36	cps
Gadolinium	160-1	170369	173247	172305	171973	0.85	cps
Gadolinium	160-2	128062	128798	128718	128526	0.31	cps
Holmium	165-1	14204756	14005090	14209369	14139739	0.82	cps
Holmium	165-2	10084117	10221866	10243179	10183054	0.85	cps
Indium	115-1	11302671	11154583	11268423	11241892	0.69	cps
Indium	115-2	4143172	4146529	4152491	4147397	0.11	cps
Iron	56-2	951463932	938003106	936119053	941862030	0.89	cps
Iron	57-2	23432054	23303416	22875399	23203623	1.26	cps
Iron	54-2	51407374	50675871	50404779	50829341	1.02	cps
Krypton	83-1	630	563	597	597	5.59	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:17:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4405783	4492931	4551086	4483267	1.63	cps
Lead	207-1	4127101	4179047	4160682	4155610	0.63	cps
Lead	208-1	18300434	18541466	18685765	18509221	1.05	cps
Lithium	6-1	1668952	1661441	1647652	1659349	0.65	cps
Magnesium	24-2	20511403	20651305	20639191	20600633	0.38	cps
Manganese	55-2	16256855	16039171	15967234	16087753	0.94	cps
Molybdenum	94-1	3300027	3362303	3315878	3326069	0.97	cps
Molybdenum	95-1	4202445	4222277	4227981	4217568	0.32	cps
Molybdenum	96-1	4670740	4722225	4631155	4674706	0.98	cps
Molybdenum	97-1	2612823	2642496	2600662	2618660	0.82	cps
Molybdenum	98-1	6652582	6823364	6749953	6741966	1.27	cps
Neodymium	150-1	177586	181147	180725	179820	1.08	cps
Neodymium	150-2	112739	111116	110808	111555	0.93	cps
Nickel	60-2	279312	273430	271282	274675	1.51	cps
Phosphorus	31-2	7839	7795	7805	7813	0.29	cps
Potassium	39-2	3494657	3402310	3502674	3466547	1.61	cps
Rhodium	103-1	10130150	10080322	10129816	10113429	0.28	cps
Rhodium	103-2	6208561	6151575	6128679	6162938	0.67	cps
Scandium	45-1	6357367	6192801	6151109	6233759	1.75	cps
Scandium	45-2	534551	529314	532255	532040	0.49	cps
Selenium	82-1	22416	22802	22774	22664	0.95	cps
Selenium	77-2	2560	2637	2817	2671	4.93	cps
Selenium	78-2	8493	8486	8372	8450	0.80	cps
Silicon	28-1	144385281	147874028	148815854	147025054	1.59	cps
Silver	107-1	3627	3387	3357	3457	4.28	cps
Silver	109-1	1943	1790	2023	1919	6.18	cps
Sodium	23-2	14990851	15164710	15157750	15104437	0.65	cps
Strontium	86-1	1239630	1246197	1249701	1245176	0.41	cps
Strontium	88-1	11098742	11161330	11278806	11179626	0.82	cps
Sulfur	34-1	10361855	10441931	10440319	10414702	0.44	cps
Terbium	159-1	14537003	14367878	14471209	14458696	0.59	cps
Terbium	159-2	10019970	10176890	10038785	10078548	0.85	cps
Thallium	203-1	1283685	1289160	1307768	1293538	0.98	cps
Thallium	205-1	3277991	3328262	3324469	3310240	0.85	cps
Tin	118-1	1117439	1119527	1131750	1122905	0.69	cps
Titanium	47-1	662780	672074	671783	668879	0.79	cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-07-121224A	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:17:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4464819	4523412	4566380	4518203	1.13	cps
Vanadium	51-2	1584956	1536536	1569098	1563530	1.58	cps
Yttrium	89-1	16761358	16863636	16795119	16806704	0.31	cps
Yttrium	89-2	4489620	4434926	4434242	4452929	0.71	cps
Zinc	66-2	1109780	1108721	1106888	1108463	0.13	cps
Zirconium	90-1	2567969	2622659	2602602	2597743	1.07	cps
Zirconium	91-1	558223	565538	564054	562605	0.69	cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:20:07	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13811743	13831258	13805860	13816287	0.10	cps
Antimony	121-1	6119446	6177301	6155186	6150644	0.47	cps
Arsenic	75-2	300010	299140	296988	298713	0.52	cps
Barium	135-1	7928241	8055060	7960521	7981274	0.83	cps
Barium	137-1	13711000	13832919	13707371	13750430	0.52	cps
Beryllium	9-1	719829	728652	728068	725517	0.68	cps
Bismuth	209-1	7778527	7654633	7669992	7701050	0.88	cps
Bismuth	209-2	6611265	6527392	6583751	6574136	0.65	cps
Bromine	81-1	12612	12839	12816	12756	0.98	cps
Bromine	81-2	100	120	127	116	12.01	cps
Cadmium	108-1	107518	106984	107793	107431	0.38	cps
Cadmium	106-1	152935	154383	155155	154158	0.73	cps
Cadmium	111-1	1452713	1460322	1457609	1456881	0.26	cps
Calcium	43-1	8027494	8002666	8085078	8038413	0.53	cps
Calcium	44-1	129006165	127687415	129466238	128719939	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2383799	2392911	2369465	2382058	0.50	cps
Cobalt	59-2	3623496	3670445	3682244	3658728	0.85	cps
Copper	63-2	26058968	26229462	26212404	26166945	0.36	cps
Dysprosium	156-1	327	383	343	351	8.29	cps
Dysprosium	156-2	443	517	513	491	8.43	cps
Erbium	164-1	400	410	323	378	12.55	cps
Erbium	164-2	177	207	257	213	18.94	cps
Gadolinium	160-1	250	293	263	269	8.26	cps
Gadolinium	160-2	567	597	643	602	6.42	cps
Holmium	165-1	13899615	13701321	13653492	13751476	0.95	cps
Holmium	165-2	9928468	9971455	9925952	9941958	0.26	cps
Indium	115-1	10759354	10482817	10403206	10548459	1.77	cps
Indium	115-2	3861133	3859227	3870492	3863617	0.16	cps
Iron	56-2	568849098	565442658	562868058	565719938	0.53	cps
Iron	57-2	14072288	13934864	13899795	13968982	0.65	cps
Iron	54-2	30554350	30356568	30674975	30528631	0.53	cps
Krypton	83-1	233	213	230	226	4.75	cps

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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:20:07	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22466516	22590911	22430483	22495970	0.37	cps
Lead	207-1	20442206	20457088	20728126	20542473	0.78	cps
Lead	208-1	92924299	92449187	92876263	92749916	0.28	cps
Lithium	6-1	1661152	1630253	1651520	1647642	0.96	cps
Magnesium	24-2	107415668	107297065	106872318	107195017	0.27	cps
Manganese	55-2	19178556	19024034	19025025	19075872	0.47	cps
Molybdenum	94-1	21560380	21483787	21599574	21547914	0.27	cps
Molybdenum	95-1	31182206	31113087	31382557	31225950	0.45	cps
Molybdenum	96-1	34073657	33650079	34190314	33971350	0.84	cps
Molybdenum	97-1	19313051	19073895	19340098	19242348	0.76	cps
Molybdenum	98-1	50029776	49589531	49729001	49782769	0.45	cps
Neodymium	150-1	533	530	543	536	1.30	cps
Neodymium	150-2	153	167	167	162	4.74	cps
Nickel	60-2	880787	885196	875868	880617	0.53	cps
Phosphorus	31-2	122384	122230	123130	122581	0.39	cps
Potassium	39-2	68026581	68719424	68629612	68458539	0.55	cps
Rhodium	103-1	9323413	9293253	9255829	9290832	0.36	cps
Rhodium	103-2	5662087	5738005	5711512	5703868	0.68	cps
Scandium	45-1	6030953	5955137	5813652	5933247	1.86	cps
Scandium	45-2	514897	509965	512651	512504	0.48	cps
Selenium	82-1	87027	87081	88061	87390	0.67	cps
Selenium	77-2	9570	8906	9063	9180	3.78	cps
Selenium	78-2	31320	31383	30956	31220	0.74	cps
Silicon	28-1	3550485	3557911	3596014	3568136	0.68	cps
Silver	107-1	7463838	7365080	7499970	7442963	0.94	cps
Silver	109-1	7072647	7157027	7104636	7111437	0.60	cps
Sodium	23-2	172664217	171595724	173058271	172439404	0.44	cps
Strontium	86-1	1976549	1958481	1967417	1967483	0.46	cps
Strontium	88-1	17214606	17236513	17014614	17155244	0.71	cps
Sulfur	34-1	585104	591684	595833	590874	0.92	cps
Terbium	159-1	13976923	14213531	13820829	14003761	1.41	cps
Terbium	159-2	9797369	9775381	9783568	9785439	0.11	cps
Thallium	203-1	5877417	5864215	5759663	5833765	1.11	cps
Thallium	205-1	13882226	13766199	13829462	13825962	0.42	cps
Tin	118-1	5107851	5105240	5124358	5112483	0.20	cps
Titanium	47-1	7503812	7550368	7555355	7536512	0.38	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:20:07	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18553202	19066704	18878754	18832887	1.38	cps
Vanadium	51-2	2150694	2125859	2183265	2153273	1.34	cps
Yttrium	89-1	12898876	12699649	12593506	12730677	1.22	cps
Yttrium	89-2	3441205	3487193	3444270	3457556	0.74	cps
Zinc	66-2	4301413	4309327	4292415	4301052	0.20	cps
Zirconium	90-1	10607326	10481378	10558599	10549101	0.60	cps
Zirconium	91-1	2323658	2325040	2350914	2333204	0.66	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:23:36	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	940	890	966	9.43	cps
Antimony	121-1	2267	2104	1737	2036	13.33	cps
Arsenic	75-2	30	17	30	26	30.11	cps
Barium	135-1	923	880	760	854	9.90	cps
Barium	137-1	1633	1407	1227	1422	14.33	cps
Beryllium	9-1	237	213	170	207	16.37	cps
Bismuth	209-1	8612297	8461681	8515604	8529861	0.89	cps
Bismuth	209-2	7377812	7390716	7295355	7354628	0.70	cps
Bromine	81-1	13159	13173	13223	13185	0.25	cps
Bromine	81-2	287	260	227	258	11.66	cps
Cadmium	108-1	40	50	7	32	70.41	cps
Cadmium	106-1	3040	3084	2937	3020	2.50	cps
Cadmium	111-1	2310	2350	2211	2291	3.12	cps
Calcium	43-1	1363	1197	940	1167	18.28	cps
Calcium	44-1	25805	24473	21615	23965	8.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1467	1430	1537	1478	3.67	cps
Cobalt	59-2	340	343	267	317	13.68	cps
Copper	63-2	2834	2510	2244	2529	11.68	cps
Dysprosium	156-1	13	23	23	20	28.87	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	57	43	50	50	13.34	cps
Erbium	164-2	30	37	50	39	26.18	cps
Gadolinium	160-1	20	50	83	51	61.98	cps
Gadolinium	160-2	427	450	393	423	6.73	cps
Holmium	165-1	14188743	14026899	13850394	14022012	1.21	cps
Holmium	165-2	10236068	10181853	9935502	10117808	1.58	cps
Indium	115-1	11512899	11539117	11472050	11508022	0.29	cps
Indium	115-2	4241349	4252418	4235968	4243245	0.20	cps
Iron	56-2	67400	64424	59537	63787	6.22	cps
Iron	57-2	1930	2050	1780	1920	7.05	cps
Iron	54-2	5124	4791	4341	4752	8.28	cps
Krypton	83-1	217	207	173	199	11.41	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:23:36	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3337	2944	2697	2993	10.79	cps
Lead	207-1	3110	2797	2327	2745	14.37	cps
Lead	208-1	13740	12312	10905	12319	11.50	cps
Lithium	6-1	1825741	1807227	1790641	1807870	0.97	cps
Magnesium	24-2	7749	7238	6882	7290	5.98	cps
Manganese	55-2	1710	1627	1400	1579	10.16	cps
Molybdenum	94-1	3390	2940	2367	2899	17.69	cps
Molybdenum	95-1	4304	3684	2924	3637	19.01	cps
Molybdenum	96-1	4511	4134	3520	4055	12.33	cps
Molybdenum	97-1	2567	2217	1997	2260	12.72	cps
Molybdenum	98-1	6678	5985	5031	5898	14.02	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	497	337	403	412	19.50	cps
Phosphorus	31-2	203	193	217	204	5.72	cps
Potassium	39-2	50865	50875	49503	50414	1.56	cps
Rhodium	103-1	10625024	10603426	10556265	10594905	0.33	cps
Rhodium	103-2	6427874	6497668	6345956	6423833	1.18	cps
Scandium	45-1	6341489	6244904	6187699	6258031	1.24	cps
Scandium	45-2	527514	528811	528470	528265	0.13	cps
Selenium	82-1	135	129	166	144	13.84	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	447	427	447	440	2.62	cps
Silicon	28-1	621638	619011	622265	620971	0.28	cps
Silver	107-1	1380	1270	1023	1225	14.92	cps
Silver	109-1	1393	1127	973	1165	18.25	cps
Sodium	23-2	38896	38140	36927	37988	2.61	cps
Strontium	86-1	603	543	497	548	9.76	cps
Strontium	88-1	2420	2337	2013	2257	9.52	cps
Sulfur	34-1	166550	164518	164748	165272	0.67	cps
Terbium	159-1	14755549	14447512	14363316	14522125	1.42	cps
Terbium	159-2	10070743	10181697	10154620	10135687	0.57	cps
Thallium	203-1	1127	1073	990	1063	6.48	cps
Thallium	205-1	2827	2610	2380	2606	8.57	cps
Tin	118-1	2274	2060	2040	2125	6.09	cps
Titanium	47-1	1043	913	707	888	19.12	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:23:36	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2000	2024	1627	1883	11.82	cps
Vanadium	51-2	140	167	127	144	14.10	cps
Yttrium	89-1	13554461	13431511	13220922	13402298	1.26	cps
Yttrium	89-2	3548130	3544283	3549728	3547380	0.08	cps
Zinc	66-2	500	513	537	517	3.59	cps
Zirconium	90-1	2030	2003	1793	1942	6.67	cps
Zirconium	91-1	427	457	353	412	12.90	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-04DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-08-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:27:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8281228	8262517	8205362	8249703	0.48	cps
Antimony	121-1	943	1047	993	994	5.20	cps
Arsenic	75-2	1350	1130	1213	1231	9.02	cps
Barium	135-1	119590	121119	122477	121062	1.19	cps
Barium	137-1	208840	210866	210271	209993	0.50	cps
Beryllium	9-1	657	663	603	641	5.13	cps
Bismuth	209-1	8089520	8146274	7966542	8067446	1.14	cps
Bismuth	209-2	6947399	7001573	6918117	6955696	0.61	cps
Bromine	81-1	13463	13390	14013	13622	2.50	cps
Bromine	81-2	470	507	480	486	3.90	cps
Cadmium	108-1	37	50	53	47	18.89	cps
Cadmium	106-1	3994	3630	3490	3705	7.01	cps
Cadmium	111-1	3117	2833	2733	2894	6.88	cps
Calcium	43-1	1869345	1865482	1844085	1859637	0.73	cps
Calcium	44-1	29732040	29612765	30080004	29808269	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62629	63048	62984	62887	0.36	cps
Cobalt	59-2	453317	455871	460137	456441	0.75	cps
Copper	63-2	149683	150157	148097	149313	0.72	cps
Dysprosium	156-1	144956	146508	145101	145521	0.59	cps
Dysprosium	156-2	117201	116206	117597	117001	0.61	cps
Erbium	164-1	171769	174434	174015	173406	0.83	cps
Erbium	164-2	124552	124599	126032	125061	0.67	cps
Gadolinium	160-1	152489	152975	154120	153195	0.55	cps
Gadolinium	160-2	116395	115766	116106	116089	0.27	cps
Holmium	165-1	14016604	13948645	13987533	13984261	0.24	cps
Holmium	165-2	10117249	10127104	10009276	10084543	0.65	cps
Indium	115-1	11198954	11123076	11167651	11163227	0.34	cps
Indium	115-2	4103523	4032305	4088856	4074895	0.92	cps
Iron	56-2	760356682	763269375	766576389	763400815	0.41	cps
Iron	57-2	18700595	18777572	18834966	18771044	0.36	cps
Iron	54-2	41010838	41092319	41307154	41136770	0.37	cps
Krypton	83-1	460	457	520	479	7.44	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-04DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-08-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:27:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13884	14041	14074	14000	0.73	cps
Lead	207-1	11692	11515	12045	11751	2.30	cps
Lead	208-1	54680	55549	56403	55544	1.55	cps
Lithium	6-1	1735550	1705776	1695769	1712365	1.21	cps
Magnesium	24-2	19039945	19034675	19044864	19039828	0.03	cps
Manganese	55-2	7260508	7263557	7370379	7298148	0.86	cps
Molybdenum	94-1	6251	6458	6135	6281	2.61	cps
Molybdenum	95-1	1017	1073	1120	1070	4.84	cps
Molybdenum	96-1	10340	10664	10170	10392	2.41	cps
Molybdenum	97-1	780	680	730	730	6.85	cps
Molybdenum	98-1	1493	1390	1580	1488	6.39	cps
Neodymium	150-1	171344	173608	174647	173200	0.98	cps
Neodymium	150-2	107298	107459	106642	107133	0.40	cps
Nickel	60-2	103343	104799	103944	104029	0.70	cps
Phosphorus	31-2	14917	15491	15081	15163	1.95	cps
Potassium	39-2	518133	522257	525709	522033	0.73	cps
Rhodium	103-1	10038003	10010879	9953822	10000901	0.43	cps
Rhodium	103-2	6145680	6039796	6108028	6097835	0.88	cps
Scandium	45-1	6159783	6084332	6044631	6096249	0.96	cps
Scandium	45-2	517119	516992	517768	517293	0.08	cps
Selenium	82-1	312	314	323	316	1.96	cps
Selenium	77-2	270	283	343	299	13.07	cps
Selenium	78-2	673	650	630	651	3.33	cps
Silicon	28-1	133504265	133962051	134608878	134025065	0.41	cps
Silver	107-1	693	613	650	652	6.14	cps
Silver	109-1	540	563	520	541	4.01	cps
Sodium	23-2	14986676	15060693	15028129	15025166	0.25	cps
Strontium	86-1	640079	642438	646034	642851	0.47	cps
Strontium	88-1	5774743	5861437	5742686	5792955	1.06	cps
Sulfur	34-1	10107969	10019956	10153634	10093853	0.67	cps
Terbium	159-1	14255423	14155811	14066921	14159385	0.67	cps
Terbium	159-2	10055665	9816991	9965686	9946114	1.21	cps
Thallium	203-1	807	773	710	763	6.43	cps
Thallium	205-1	1877	1920	1733	1843	5.30	cps
Tin	118-1	3347	3337	3447	3377	1.80	cps
Titanium	47-1	9550	9240	9483	9424	1.73	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-04DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-08-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:27:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	85915	87032	84694	85880	1.36	cps
Vanadium	51-2	1075085	1082104	1069006	1075398	0.61	cps
Yttrium	89-1	15922913	15874366	15839072	15878784	0.27	cps
Yttrium	89-2	4196037	4175757	4181284	4184359	0.25	cps
Zinc	66-2	270923	268609	270318	269950	0.44	cps
Zirconium	90-1	13920	14564	14444	14309	2.39	cps
Zirconium	91-1	3237	3521	3264	3341	4.69	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-06DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-09-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:30:23	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4422759	4350815	4376757	4383444	0.83	cps
Antimony	121-1	650	673	543	622	11.14	cps
Arsenic	75-2	1497	1323	1387	1402	6.26	cps
Barium	135-1	130700	131127	130121	130649	0.39	cps
Barium	137-1	228724	229874	230066	229555	0.32	cps
Beryllium	9-1	747	743	743	744	0.26	cps
Bismuth	209-1	8013078	8031080	8079114	8041091	0.42	cps
Bismuth	209-2	6885109	6897367	6870499	6884325	0.20	cps
Bromine	81-1	13603	13423	13780	13602	1.31	cps
Bromine	81-2	587	550	533	557	4.90	cps
Cadmium	108-1	50	70	43	54	25.49	cps
Cadmium	106-1	3884	3911	4051	3948	2.27	cps
Cadmium	111-1	2990	2922	3038	2984	1.97	cps
Calcium	43-1	3289860	3243838	3295749	3276482	0.87	cps
Calcium	44-1	52002096	51609311	52521429	52044279	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21339	21378	21172	21296	0.52	cps
Cobalt	59-2	422518	422315	420678	421837	0.24	cps
Copper	63-2	20064	20077	20497	20213	1.22	cps
Dysprosium	156-1	165007	166008	166227	165747	0.39	cps
Dysprosium	156-2	131912	132497	134395	132935	0.98	cps
Erbium	164-1	219981	221346	221684	221004	0.41	cps
Erbium	164-2	161036	160093	161707	160946	0.50	cps
Gadolinium	160-1	176952	179639	181682	179424	1.32	cps
Gadolinium	160-2	135979	134828	135454	135420	0.43	cps
Holmium	165-1	13954974	13875100	13889092	13906388	0.31	cps
Holmium	165-2	10008589	10151333	10188640	10116187	0.94	cps
Indium	115-1	11206512	11098013	11131694	11145406	0.50	cps
Indium	115-2	4049750	4064747	3991089	4035195	0.96	cps
Iron	56-2	962927532	956320546	961669479	960305852	0.37	cps
Iron	57-2	23656773	23531755	23666463	23618330	0.32	cps
Iron	54-2	51612371	51480121	51982286	51691593	0.50	cps
Krypton	83-1	633	627	620	627	1.06	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-06DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-09-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:30:23	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4634	4557	4618	4603	0.88	cps
Lead	207-1	3734	3691	3847	3757	2.15	cps
Lead	208-1	17675	17608	17775	17686	0.47	cps
Lithium	6-1	1689962	1685344	1648220	1674509	1.37	cps
Magnesium	24-2	15156280	14980031	15132128	15089480	0.63	cps
Manganese	55-2	13794154	13697795	13865271	13785740	0.61	cps
Molybdenum	94-1	5765	5418	5691	5624	3.25	cps
Molybdenum	95-1	1360	1293	1293	1316	2.93	cps
Molybdenum	96-1	12812	12682	12375	12623	1.78	cps
Molybdenum	97-1	973	777	813	854	12.24	cps
Molybdenum	98-1	1700	1713	1493	1636	7.54	cps
Neodymium	150-1	180746	185016	183473	183078	1.18	cps
Neodymium	150-2	113287	112158	113270	112905	0.57	cps
Nickel	60-2	34486	34496	34720	34568	0.38	cps
Phosphorus	31-2	1963	2060	2084	2036	3.13	cps
Potassium	39-2	401781	402622	402834	402413	0.14	cps
Rhodium	103-1	9794917	9795707	9992597	9861074	1.16	cps
Rhodium	103-2	6078535	6116731	6040287	6078518	0.63	cps
Scandium	45-1	6093778	6005405	6067768	6055650	0.75	cps
Scandium	45-2	509360	510187	514825	511457	0.58	cps
Selenium	82-1	369	271	316	319	15.44	cps
Selenium	77-2	343	343	397	361	8.53	cps
Selenium	78-2	707	763	703	724	4.65	cps
Silicon	28-1	129113781	130304171	130117558	129845170	0.49	cps
Silver	107-1	430	460	437	442	3.56	cps
Silver	109-1	447	437	490	458	6.19	cps
Sodium	23-2	6594157	6618675	6626416	6613082	0.25	cps
Strontium	86-1	1044302	1056947	1047135	1049461	0.63	cps
Strontium	88-1	9415858	9442815	9507332	9455335	0.50	cps
Sulfur	34-1	10314135	10202832	10400120	10305696	0.96	cps
Terbium	159-1	14349796	14264793	14295343	14303311	0.30	cps
Terbium	159-2	10043235	9951735	9937427	9977465	0.58	cps
Thallium	203-1	700	613	627	647	7.22	cps
Thallium	205-1	1593	1653	1587	1611	2.28	cps
Tin	118-1	3154	3410	3107	3224	5.07	cps
Titanium	47-1	3961	4024	4164	4049	2.57	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-06DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-09-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:30:23	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	160778	163803	162970	162517	0.96	cps
Vanadium	51-2	1215832	1216796	1221549	1218059	0.25	cps
Yttrium	89-1	16786088	16693329	16726259	16735225	0.28	cps
Yttrium	89-2	4460439	4484289	4439100	4461276	0.51	cps
Zinc	66-2	209944	209881	210482	210102	0.16	cps
Zirconium	90-1	11748	11811	11471	11677	1.55	cps
Zirconium	91-1	2510	2594	2480	2528	2.32	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:33:31	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6031058	6079089	6167442	6092530	1.14	cps
Antimony	121-1	493	467	470	477	3.05	cps
Arsenic	75-2	907	977	937	940	3.74	cps
Barium	135-1	118437	120988	121140	120188	1.26	cps
Barium	137-1	205729	209276	209182	208063	0.97	cps
Beryllium	9-1	1020	993	1147	1053	7.78	cps
Bismuth	209-1	8292812	8092954	8004378	8130048	1.82	cps
Bismuth	209-2	7045132	6916743	7334877	7098918	3.02	cps
Bromine	81-1	14187	14564	14247	14333	1.41	cps
Bromine	81-2	610	537	540	562	7.37	cps
Cadmium	108-1	60	83	43	62	32.29	cps
Cadmium	106-1	3981	3991	3944	3972	0.62	cps
Cadmium	111-1	2961	2908	2954	2941	0.97	cps
Calcium	43-1	2500682	2587606	2544542	2544277	1.71	cps
Calcium	44-1	40003090	40546934	40647516	40399180	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28838	29308	28861	29002	0.92	cps
Cobalt	59-2	524793	528557	526682	526677	0.36	cps
Copper	63-2	76028	76668	76253	76316	0.43	cps
Dysprosium	156-1	153950	158587	160259	157599	2.07	cps
Dysprosium	156-2	127856	127122	128312	127763	0.47	cps
Erbium	164-1	207386	210478	210924	209596	0.92	cps
Erbium	164-2	152816	151728	152630	152391	0.38	cps
Gadolinium	160-1	166979	168965	170135	168693	0.95	cps
Gadolinium	160-2	129492	128661	129677	129277	0.42	cps
Holmium	165-1	14343020	14111843	14143182	14199349	0.88	cps
Holmium	165-2	10242245	10129830	10682714	10351596	2.82	cps
Indium	115-1	11497290	11476020	11419584	11464298	0.35	cps
Indium	115-2	4088848	4145906	4241135	4158630	1.85	cps
Iron	56-2	938154466	933999639	932514279	934889462	0.31	cps
Iron	57-2	22754215	22776848	22700315	22743792	0.17	cps
Iron	54-2	50201798	50104176	50211466	50172480	0.12	cps
Krypton	83-1	580	600	590	590	1.69	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:33:31	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5748	5805	5751	5768	0.55	cps
Lead	207-1	4678	4931	4728	4779	2.81	cps
Lead	208-1	22411	22384	22611	22469	0.55	cps
Lithium	6-1	1685344	1687830	1680587	1684587	0.22	cps
Magnesium	24-2	14360874	14421241	14281949	14354688	0.49	cps
Manganese	55-2	12224771	12287082	12244922	12252259	0.26	cps
Molybdenum	94-1	9336	9413	9493	9414	0.83	cps
Molybdenum	95-1	913	1007	910	943	5.82	cps
Molybdenum	96-1	12796	13013	12879	12896	0.85	cps
Molybdenum	97-1	593	587	583	588	0.87	cps
Molybdenum	98-1	1003	1003	1117	1041	6.28	cps
Neodymium	150-1	174162	177040	176384	175862	0.86	cps
Neodymium	150-2	109410	107529	110414	109118	1.34	cps
Nickel	60-2	32742	32629	32442	32604	0.47	cps
Phosphorus	31-2	6281	6638	6775	6565	3.88	cps
Potassium	39-2	458134	452377	455312	455274	0.63	cps
Rhodium	103-1	10410308	10313635	10217664	10313869	0.93	cps
Rhodium	103-2	6217106	6230528	6411066	6286233	1.72	cps
Scandium	45-1	6374786	6273956	6227948	6292230	1.19	cps
Scandium	45-2	533540	540864	552218	542207	1.74	cps
Selenium	82-1	394	409	311	371	14.15	cps
Selenium	77-2	353	383	343	360	5.78	cps
Selenium	78-2	630	700	683	671	5.45	cps
Silicon	28-1	158861818	164739761	163550004	162383861	1.91	cps
Silver	107-1	543	503	463	503	7.95	cps
Silver	109-1	377	423	390	397	6.06	cps
Sodium	23-2	7739870	7758319	7687184	7728458	0.48	cps
Strontium	86-1	797086	809869	812105	806353	1.00	cps
Strontium	88-1	7171514	7313279	7273338	7252710	1.01	cps
Sulfur	34-1	9812299	9809734	9910171	9844068	0.58	cps
Terbium	159-1	14807354	14657081	14519972	14661469	0.98	cps
Terbium	159-2	10151560	10150733	10246195	10182830	0.54	cps
Thallium	203-1	693	593	543	610	12.52	cps
Thallium	205-1	1517	1477	1533	1509	1.93	cps
Tin	118-1	3761	3827	3881	3823	1.57	cps
Titanium	47-1	6308	6335	6285	6309	0.40	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-08DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-10-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:33:31	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	87481	89826	89766	89025	1.50	cps
Vanadium	51-2	960570	954806	955520	956965	0.33	cps
Yttrium	89-1	17182650	16974441	17205897	17120996	0.74	cps
Yttrium	89-2	4535200	4545568	4552790	4544519	0.19	cps
Zinc	66-2	232797	232546	231470	232271	0.30	cps
Zirconium	90-1	22991	23749	23679	23473	1.78	cps
Zirconium	91-1	5331	5218	5451	5333	2.19	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:36:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5539734	5409451	5413495	5454227	1.36	cps
Antimony	121-1	423	463	480	456	6.39	cps
Arsenic	75-2	953	1067	897	972	8.90	cps
Barium	135-1	121016	120988	119009	120337	0.96	cps
Barium	137-1	209479	208896	208071	208816	0.34	cps
Beryllium	9-1	1027	1047	963	1012	4.30	cps
Bismuth	209-1	8249710	8159532	8003109	8137450	1.53	cps
Bismuth	209-2	6926337	7099452	6969959	6998583	1.29	cps
Bromine	81-1	14517	14654	13913	14362	2.74	cps
Bromine	81-2	553	570	443	522	13.18	cps
Cadmium	108-1	67	53	27	49	41.66	cps
Cadmium	106-1	4277	3961	3604	3947	8.54	cps
Cadmium	111-1	3231	3035	2724	2997	8.53	cps
Calcium	43-1	2999343	3013378	3007462	3006728	0.23	cps
Calcium	44-1	48337849	48166596	47604038	48036161	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24413	23942	24043	24133	1.03	cps
Cobalt	59-2	473711	475625	474385	474574	0.20	cps
Copper	63-2	57038	56576	56208	56608	0.73	cps
Dysprosium	156-1	154256	157316	154826	155466	1.05	cps
Dysprosium	156-2	123581	123810	124035	123808	0.18	cps
Erbium	164-1	207788	207860	206743	207464	0.30	cps
Erbium	164-2	148695	149972	148237	148968	0.60	cps
Gadolinium	160-1	166769	166732	165090	166197	0.58	cps
Gadolinium	160-2	125012	125284	125146	125147	0.11	cps
Holmium	165-1	14318905	14291073	14027222	14212400	1.13	cps
Holmium	165-2	10380185	10266055	10166717	10270985	1.04	cps
Indium	115-1	11486217	11386183	11317389	11396597	0.74	cps
Indium	115-2	4167493	4199353	4185382	4184076	0.38	cps
Iron	56-2	891430840	886276280	884277267	887328129	0.42	cps
Iron	57-2	22040723	21810714	21821401	21890946	0.59	cps
Iron	54-2	47525776	47918684	47707674	47717378	0.41	cps
Krypton	83-1	603	630	540	591	7.82	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:36:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4327	4507	4461	4432	2.11	cps
Lead	207-1	3867	3741	3881	3829	2.02	cps
Lead	208-1	17354	17571	17511	17479	0.64	cps
Lithium	6-1	1685226	1696765	1668802	1683598	0.83	cps
Magnesium	24-2	14212889	14134148	14211211	14186083	0.32	cps
Manganese	55-2	13550624	13693802	13530117	13591515	0.66	cps
Molybdenum	94-1	7655	7729	7779	7721	0.80	cps
Molybdenum	95-1	937	807	873	872	7.45	cps
Molybdenum	96-1	11925	12095	12035	12018	0.72	cps
Molybdenum	97-1	507	553	550	537	4.85	cps
Molybdenum	98-1	787	760	777	774	1.74	cps
Neodymium	150-1	171003	171218	170688	170970	0.16	cps
Neodymium	150-2	105319	105736	104957	105337	0.37	cps
Nickel	60-2	30461	30451	29369	30094	2.09	cps
Phosphorus	31-2	5078	5024	4958	5020	1.20	cps
Potassium	39-2	436496	433115	435784	435132	0.41	cps
Rhodium	103-1	10265106	10213418	10087147	10188557	0.90	cps
Rhodium	103-2	6332552	6196929	6089553	6206345	1.96	cps
Scandium	45-1	6289231	6275777	6115457	6226822	1.55	cps
Scandium	45-2	526274	524106	525006	525129	0.21	cps
Selenium	82-1	358	329	369	352	5.80	cps
Selenium	77-2	320	363	343	342	6.34	cps
Selenium	78-2	683	730	713	709	3.34	cps
Silicon	28-1	143894915	143951601	142632758	143493091	0.52	cps
Silver	107-1	520	420	467	469	10.67	cps
Silver	109-1	357	417	330	368	12.07	cps
Sodium	23-2	6726172	6622423	6663400	6670665	0.78	cps
Strontium	86-1	894458	892460	889348	892088	0.29	cps
Strontium	88-1	8043780	8062350	7955644	8020591	0.71	cps
Sulfur	34-1	10085848	10132145	9933460	10050484	1.03	cps
Terbium	159-1	14681154	14609595	14444264	14578338	0.83	cps
Terbium	159-2	10139542	10094271	10186973	10140262	0.46	cps
Thallium	203-1	553	600	523	559	6.91	cps
Thallium	205-1	1327	1263	1253	1281	3.10	cps
Tin	118-1	3254	3434	3244	3310	3.23	cps
Titanium	47-1	5378	5224	5228	5277	1.66	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-10DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-11-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:36:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	95463	95486	95220	95389	0.15	cps
Vanadium	51-2	933600	930640	929672	931304	0.22	cps
Yttrium	89-1	17194795	17110497	16859969	17055087	1.02	cps
Yttrium	89-2	4507617	4413310	4422292	4447740	1.17	cps
Zinc	66-2	214366	214468	212871	213902	0.42	cps
Zirconium	90-1	18785	18392	18412	18530	1.20	cps
Zirconium	91-1	4127	4021	4191	4113	2.09	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-12DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-12-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:39:49	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9481138	9554130	9567326	9534198	0.49	cps
Antimony	121-1	310	333	337	327	4.45	cps
Arsenic	75-2	1150	1303	1147	1200	7.46	cps
Barium	135-1	105594	107965	106417	106659	1.13	cps
Barium	137-1	184595	186627	185320	185514	0.56	cps
Beryllium	9-1	293	287	340	307	9.48	cps
Bismuth	209-1	8150146	8093537	8135015	8126233	0.36	cps
Bismuth	209-2	6932748	7105425	6914933	6984368	1.51	cps
Bromine	81-1	14761	14350	14100	14404	2.32	cps
Bromine	81-2	440	443	480	454	4.88	cps
Cadmium	108-1	33	53	70	52	35.16	cps
Cadmium	106-1	3844	3957	3627	3809	4.40	cps
Cadmium	111-1	2984	3029	2747	2920	5.20	cps
Calcium	43-1	1587342	1598926	1568906	1585058	0.96	cps
Calcium	44-1	25012899	25487405	25440468	25313591	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82139	81452	81857	81816	0.42	cps
Cobalt	59-2	438289	440792	439096	439392	0.29	cps
Copper	63-2	179412	180160	179282	179618	0.26	cps
Dysprosium	156-1	142023	142023	142305	142117	0.11	cps
Dysprosium	156-2	114542	113917	115634	114698	0.76	cps
Erbium	164-1	157534	160207	160351	159364	1.00	cps
Erbium	164-2	114464	114246	115966	114892	0.82	cps
Gadolinium	160-1	145126	147426	148063	146871	1.05	cps
Gadolinium	160-2	112702	112325	112027	112351	0.30	cps
Holmium	165-1	14597988	14166001	14190345	14318111	1.69	cps
Holmium	165-2	10354983	10334205	10331993	10340394	0.12	cps
Indium	115-1	11595345	11581135	11633117	11603199	0.23	cps
Indium	115-2	4169504	4183003	4143440	4165316	0.48	cps
Iron	56-2	702508870	699652363	701053776	701071670	0.20	cps
Iron	57-2	17271788	17041732	17286064	17199861	0.80	cps
Iron	54-2	37659449	37607979	37717444	37661624	0.15	cps
Krypton	83-1	400	447	487	444	9.76	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-12DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-12-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:39:49	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13503	13477	13453	13478	0.19	cps
Lead	207-1	11392	11115	11338	11281	1.30	cps
Lead	208-1	52817	52697	53258	52924	0.56	cps
Lithium	6-1	1705315	1650192	1670098	1675202	1.67	cps
Magnesium	24-2	20951034	21030010	20864107	20948384	0.40	cps
Manganese	55-2	4869420	4836686	4859143	4855083	0.34	cps
Molybdenum	94-1	5184	5231	5554	5323	3.79	cps
Molybdenum	95-1	710	673	837	740	11.58	cps
Molybdenum	96-1	9467	9827	9687	9660	1.88	cps
Molybdenum	97-1	623	597	543	588	6.93	cps
Molybdenum	98-1	1027	1010	1040	1026	1.47	cps
Neodymium	150-1	173695	177765	178723	176728	1.51	cps
Neodymium	150-2	108486	107737	106988	107737	0.70	cps
Nickel	60-2	143424	142600	144124	143383	0.53	cps
Phosphorus	31-2	15284	15628	15661	15525	1.34	cps
Potassium	39-2	564051	566234	560478	563587	0.52	cps
Rhodium	103-1	10600812	10465523	10327004	10464446	1.31	cps
Rhodium	103-2	6218281	6303796	6247266	6256448	0.70	cps
Scandium	45-1	6530272	6395990	6403039	6443100	1.17	cps
Scandium	45-2	541884	543341	542319	542515	0.14	cps
Selenium	82-1	444	331	315	363	19.46	cps
Selenium	77-2	320	337	277	311	9.96	cps
Selenium	78-2	720	740	670	710	5.08	cps
Silicon	28-1	126675268	127743595	129658821	128025895	1.18	cps
Silver	107-1	733	780	653	722	8.87	cps
Silver	109-1	517	710	640	622	15.73	cps
Sodium	23-2	17057590	17064341	17068530	17063487	0.03	cps
Strontium	86-1	582671	595096	598085	591951	1.38	cps
Strontium	88-1	5321181	5298233	5275637	5298350	0.43	cps
Sulfur	34-1	10260062	10362836	10476623	10366507	1.04	cps
Terbium	159-1	14757276	14797384	14558184	14704281	0.87	cps
Terbium	159-2	10151390	10192287	10098552	10147410	0.46	cps
Thallium	203-1	580	610	590	593	2.57	cps
Thallium	205-1	1307	1477	1347	1377	6.46	cps
Tin	118-1	2770	2787	2847	2801	1.44	cps
Titanium	47-1	6642	6448	6872	6654	3.19	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-12DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-12-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:39:49	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	81987	83067	84724	83259	1.66	cps
Vanadium	51-2	1234630	1231627	1225937	1230731	0.36	cps
Yttrium	89-1	16535591	16147359	16203373	16295441	1.29	cps
Yttrium	89-2	4297207	4268385	4238520	4268037	0.69	cps
Zinc	66-2	283300	284777	285790	284623	0.44	cps
Zirconium	90-1	12182	12382	12642	12402	1.86	cps
Zirconium	91-1	2637	2977	2730	2781	6.32	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-14DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-13-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:43:00	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7092431	7128982	7197195	7139536	0.74	cps
Antimony	121-1	333	370	337	347	5.85	cps
Arsenic	75-2	1353	1310	1457	1373	5.49	cps
Barium	135-1	114714	116055	114972	115247	0.62	cps
Barium	137-1	198306	201754	198661	199574	0.95	cps
Beryllium	9-1	357	427	393	392	8.93	cps
Bismuth	209-1	8140843	8147523	8118719	8135695	0.19	cps
Bismuth	209-2	7029336	7059826	7002218	7030460	0.41	cps
Bromine	81-1	14958	14687	14841	14829	0.91	cps
Bromine	81-2	453	473	430	452	4.80	cps
Cadmium	108-1	47	27	63	46	40.29	cps
Cadmium	106-1	3814	4001	3734	3849	3.56	cps
Cadmium	111-1	2914	3018	2833	2922	3.19	cps
Calcium	43-1	1917623	1963212	2010463	1963766	2.36	cps
Calcium	44-1	31257580	31006695	30882935	31049070	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74432	73793	74051	74092	0.43	cps
Cobalt	59-2	462430	463549	458210	461396	0.61	cps
Copper	63-2	158240	158371	159300	158637	0.36	cps
Dysprosium	156-1	147344	149334	147905	148194	0.69	cps
Dysprosium	156-2	119251	121335	120193	120259	0.87	cps
Erbium	164-1	169346	171755	169832	170311	0.75	cps
Erbium	164-2	123695	123389	122961	123348	0.30	cps
Gadolinium	160-1	153945	156283	158300	156176	1.40	cps
Gadolinium	160-2	116503	118106	116661	117090	0.75	cps
Holmium	165-1	14247038	14171014	14295591	14237881	0.44	cps
Holmium	165-2	10268875	10448068	10195845	10304263	1.26	cps
Indium	115-1	11682916	11674760	11555636	11637771	0.61	cps
Indium	115-2	4229235	4152671	4190191	4190699	0.91	cps
Iron	56-2	788374095	798889215	797387188	794883499	0.72	cps
Iron	57-2	19549991	19455779	19506197	19503989	0.24	cps
Iron	54-2	43048029	43144296	43077464	43089930	0.11	cps
Krypton	83-1	510	520	530	520	1.92	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-14DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-13-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:43:00	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10214	10024	10017	10085	1.11	cps
Lead	207-1	8463	8563	8493	8506	0.60	cps
Lead	208-1	39990	39369	40211	39857	1.09	cps
Lithium	6-1	1658902	1635546	1679955	1658134	1.34	cps
Magnesium	24-2	20230478	20442890	20515371	20396247	0.73	cps
Manganese	55-2	6646923	6629511	6661502	6645979	0.24	cps
Molybdenum	94-1	5895	6028	6228	6050	2.77	cps
Molybdenum	95-1	980	903	840	908	7.72	cps
Molybdenum	96-1	10654	11348	11148	11050	3.23	cps
Molybdenum	97-1	637	593	687	639	7.31	cps
Molybdenum	98-1	1147	1143	1157	1149	0.60	cps
Neodymium	150-1	177523	180168	177672	178454	0.83	cps
Neodymium	150-2	109044	109504	109914	109487	0.40	cps
Nickel	60-2	125798	127442	126094	126445	0.69	cps
Phosphorus	31-2	13856	13886	13773	13839	0.42	cps
Potassium	39-2	575127	575685	573218	574677	0.23	cps
Rhodium	103-1	10547720	10373551	10436889	10452720	0.84	cps
Rhodium	103-2	6299164	6325481	6280583	6301743	0.36	cps
Scandium	45-1	6418931	6428642	6348664	6398746	0.68	cps
Scandium	45-2	537172	541301	540280	539584	0.40	cps
Selenium	82-1	316	268	307	297	8.65	cps
Selenium	77-2	350	293	317	320	8.90	cps
Selenium	78-2	730	730	703	721	2.14	cps
Silicon	28-1	136530501	138490971	137271975	137431149	0.72	cps
Silver	107-1	480	660	577	572	15.74	cps
Silver	109-1	497	600	463	520	13.70	cps
Sodium	23-2	19491689	19460591	19422397	19458226	0.18	cps
Strontium	86-1	706345	716458	715543	712782	0.78	cps
Strontium	88-1	6366800	6396324	6383458	6382194	0.23	cps
Sulfur	34-1	10331072	10284399	10174761	10263410	0.78	cps
Terbium	159-1	14554729	14669738	14608206	14610891	0.39	cps
Terbium	159-2	10201319	10206276	10229916	10212504	0.15	cps
Thallium	203-1	523	603	500	542	9.99	cps
Thallium	205-1	1307	1257	1353	1306	3.70	cps
Tin	118-1	6478	6585	6525	6529	0.82	cps
Titanium	47-1	8512	8522	8969	8668	3.01	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-14DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-13-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:43:00	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83000	84342	83691	83677	0.80	cps
Vanadium	51-2	1181762	1193666	1189677	1188368	0.51	cps
Yttrium	89-1	16393274	16474948	16319036	16395753	0.48	cps
Yttrium	89-2	4304625	4309743	4302473	4305614	0.09	cps
Zinc	66-2	275324	272015	273155	273498	0.61	cps
Zirconium	90-1	13706	13917	13573	13732	1.26	cps
Zirconium	91-1	3054	2827	3034	2971	4.22	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-16DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-14-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:46:07	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9571588	9467179	9370505	9469757	1.06	cps
Antimony	121-1	6278	6215	6341	6278	1.01	cps
Arsenic	75-2	1117	1193	1097	1136	4.49	cps
Barium	135-1	113410	115057	115402	114623	0.93	cps
Barium	137-1	198351	198372	198520	198414	0.05	cps
Beryllium	9-1	367	350	400	372	6.84	cps
Bismuth	209-1	8295642	8090144	8071185	8152324	1.53	cps
Bismuth	209-2	7020449	6991771	7040970	7017730	0.35	cps
Bromine	81-1	14454	14601	14497	14517	0.52	cps
Bromine	81-2	430	427	393	417	4.87	cps
Cadmium	108-1	63	50	83	66	25.59	cps
Cadmium	106-1	4117	3964	3741	3941	4.81	cps
Cadmium	111-1	3178	3096	2943	3073	3.87	cps
Calcium	43-1	1518068	1546169	1530480	1531572	0.92	cps
Calcium	44-1	24420180	24622208	24438877	24493755	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84461	84015	83398	83958	0.64	cps
Cobalt	59-2	440174	440028	440230	440144	0.02	cps
Copper	63-2	180076	179249	178470	179265	0.45	cps
Dysprosium	156-1	137058	138350	138629	138012	0.61	cps
Dysprosium	156-2	110953	111965	112734	111884	0.80	cps
Erbium	164-1	160443	159606	158825	159625	0.51	cps
Erbium	164-2	114478	113271	115341	114363	0.91	cps
Gadolinium	160-1	145523	146207	144661	145464	0.53	cps
Gadolinium	160-2	108455	109057	109342	108951	0.42	cps
Holmium	165-1	14285297	14243854	14279140	14269430	0.16	cps
Holmium	165-2	10182978	10209857	10354564	10249133	0.90	cps
Indium	115-1	11519194	11701369	11644624	11621729	0.80	cps
Indium	115-2	4202986	4207113	4246917	4219006	0.58	cps
Iron	56-2	641603137	642949617	640176764	641576506	0.22	cps
Iron	57-2	15764855	15717948	15666610	15716471	0.31	cps
Iron	54-2	34322212	34623966	34659643	34535274	0.54	cps
Krypton	83-1	490	560	413	488	15.04	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-16DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-14-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:46:07	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20135	19825	20075	20011	0.82	cps
Lead	207-1	16767	16944	16387	16699	1.71	cps
Lead	208-1	78950	79205	78282	78812	0.60	cps
Lithium	6-1	1681734	1666691	1665748	1671391	0.54	cps
Magnesium	24-2	21589699	21439581	21319587	21449622	0.63	cps
Manganese	55-2	5369033	5418776	5375595	5387802	0.50	cps
Molybdenum	94-1	4464	4364	4624	4484	2.93	cps
Molybdenum	95-1	847	900	800	849	5.89	cps
Molybdenum	96-1	8976	9266	8933	9058	2.00	cps
Molybdenum	97-1	583	653	620	619	5.66	cps
Molybdenum	98-1	1183	1360	1193	1246	7.97	cps
Neodymium	150-1	168706	169732	167644	168694	0.62	cps
Neodymium	150-2	105239	103714	104812	104588	0.75	cps
Nickel	60-2	135441	134426	136013	135293	0.59	cps
Phosphorus	31-2	11308	10574	10891	10924	3.37	cps
Potassium	39-2	554336	552727	552302	553122	0.19	cps
Rhodium	103-1	10506735	10500700	10599794	10535743	0.53	cps
Rhodium	103-2	6306708	6347851	6356009	6336856	0.42	cps
Scandium	45-1	6431571	6502286	6451849	6461902	0.56	cps
Scandium	45-2	552276	549596	550076	550649	0.26	cps
Selenium	82-1	274	218	303	265	16.32	cps
Selenium	77-2	337	310	313	320	4.54	cps
Selenium	78-2	687	657	727	690	5.09	cps
Silicon	28-1	122661608	124272508	124241911	123725343	0.74	cps
Silver	107-1	740	723	743	736	1.46	cps
Silver	109-1	677	637	617	643	4.75	cps
Sodium	23-2	16178543	16141644	15995783	16105323	0.60	cps
Strontium	86-1	519405	521072	520999	520492	0.18	cps
Strontium	88-1	4675947	4651523	4680913	4669461	0.34	cps
Sulfur	34-1	10678652	10620711	10653053	10650805	0.27	cps
Terbium	159-1	14759191	14676253	14506021	14647155	0.88	cps
Terbium	159-2	10253782	10217148	10339405	10270111	0.61	cps
Thallium	203-1	667	543	667	626	11.38	cps
Thallium	205-1	1457	1330	1383	1390	4.58	cps
Tin	118-1	6502	6648	6655	6602	1.31	cps
Titanium	47-1	8669	8286	8643	8532	2.51	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-16DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-14-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:46:07	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79200	80538	81045	80261	1.19	cps
Vanadium	51-2	1205246	1203370	1206140	1204919	0.12	cps
Yttrium	89-1	16315481	16223310	16239906	16259566	0.30	cps
Yttrium	89-2	4258408	4313884	4279047	4283780	0.65	cps
Zinc	66-2	282258	283225	280657	282047	0.46	cps
Zirconium	90-1	9680	10167	9560	9802	3.28	cps
Zirconium	91-1	2010	2160	2187	2119	4.49	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-18DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-06R-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:49:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5656086	5640753	5596889	5631243	0.55	cps
Antimony	121-1	28528	28538	28856	28641	0.65	cps
Arsenic	75-2	1170	1193	1247	1203	3.27	cps
Barium	135-1	130343	129754	131638	130578	0.74	cps
Barium	137-1	225330	225231	225930	225497	0.17	cps
Beryllium	9-1	777	820	700	766	7.94	cps
Bismuth	209-1	8193684	8084525	8323988	8200733	1.46	cps
Bismuth	209-2	7095497	7041782	7074623	7070634	0.38	cps
Bromine	81-1	15165	14594	14551	14770	2.32	cps
Bromine	81-2	577	640	587	601	5.66	cps
Cadmium	108-1	40	60	80	60	33.33	cps
Cadmium	106-1	4207	4017	3997	4074	2.85	cps
Cadmium	111-1	3134	2993	3075	3068	2.30	cps
Calcium	43-1	2930763	2916377	2925981	2924374	0.25	cps
Calcium	44-1	46633278	46616409	46330981	46526889	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42663	43148	42490	42767	0.80	cps
Cobalt	59-2	485728	484137	482404	484089	0.34	cps
Copper	63-2	95153	94939	93949	94680	0.68	cps
Dysprosium	156-1	169057	168311	167695	168354	0.41	cps
Dysprosium	156-2	133107	135785	132881	133924	1.21	cps
Erbium	164-1	213720	215845	216099	215221	0.61	cps
Erbium	164-2	152934	151559	151182	151892	0.61	cps
Gadolinium	160-1	178961	180899	179213	179691	0.59	cps
Gadolinium	160-2	133213	134354	134363	133977	0.49	cps
Holmium	165-1	14430119	14293437	14464223	14395926	0.63	cps
Holmium	165-2	10126151	10208808	10267198	10200719	0.69	cps
Indium	115-1	11461911	11467924	11634051	11521295	0.85	cps
Indium	115-2	4137968	4154889	4150019	4147625	0.21	cps
Iron	56-2	893774440	902583027	901718253	899358573	0.54	cps
Iron	57-2	22439806	22276177	22043561	22253181	0.89	cps
Iron	54-2	49295954	48913933	48162579	48790822	1.18	cps
Krypton	83-1	633	510	597	580	10.92	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-18DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-06R-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:49:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6021	5768	6332	6040	4.67	cps
Lead	207-1	5138	4858	4928	4974	2.93	cps
Lead	208-1	23285	23148	24159	23530	2.33	cps
Lithium	6-1	1669648	1665213	1688462	1674441	0.74	cps
Magnesium	24-2	17217747	17136273	17075684	17143235	0.42	cps
Manganese	55-2	11900327	11897263	11827121	11874904	0.35	cps
Molybdenum	94-1	6375	6258	6301	6311	0.93	cps
Molybdenum	95-1	1110	1067	1073	1083	2.15	cps
Molybdenum	96-1	12622	11905	12232	12253	2.93	cps
Molybdenum	97-1	603	713	730	682	10.09	cps
Molybdenum	98-1	1107	1107	1220	1145	5.72	cps
Neodymium	150-1	187542	191843	189960	189782	1.14	cps
Neodymium	150-2	115878	114987	116674	115846	0.73	cps
Nickel	60-2	69918	70096	68871	69628	0.95	cps
Phosphorus	31-2	4757	4918	4877	4851	1.72	cps
Potassium	39-2	532439	529713	524777	528976	0.73	cps
Rhodium	103-1	10574266	10419115	10218980	10404120	1.71	cps
Rhodium	103-2	6189367	6205263	6198508	6197713	0.13	cps
Scandium	45-1	6422182	6411167	6363239	6398862	0.49	cps
Scandium	45-2	528520	535093	534654	532756	0.69	cps
Selenium	82-1	323	412	353	363	12.47	cps
Selenium	77-2	327	403	413	381	12.44	cps
Selenium	78-2	753	673	693	707	5.89	cps
Silicon	28-1	145210191	148932688	146073231	146738703	1.33	cps
Silver	107-1	673	583	597	618	7.86	cps
Silver	109-1	463	603	583	550	13.77	cps
Sodium	23-2	14092660	13929021	13771598	13931093	1.15	cps
Strontium	86-1	926474	925657	921705	924612	0.28	cps
Strontium	88-1	8320132	8371664	8310519	8334105	0.39	cps
Sulfur	34-1	10886417	10678384	10639125	10734642	1.24	cps
Terbium	159-1	14943544	14605708	14666715	14738655	1.22	cps
Terbium	159-2	9994227	10209318	10099491	10101012	1.06	cps
Thallium	203-1	600	537	520	552	7.64	cps
Thallium	205-1	1250	1253	1190	1231	2.90	cps
Tin	118-1	3014	3227	3280	3174	4.45	cps
Titanium	47-1	4894	5151	5044	5030	2.56	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5306-18DLX5	Instrumnet Name :	P7
Client Sample ID :	OU4-VSL-06R-121224	Dilution Factor :	5
Date & Time Acquired :	2024-12-23 13:49:18	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	101805	101321	102184	101770	0.43	cps
Vanadium	51-2	1090593	1088153	1090707	1089818	0.13	cps
Yttrium	89-1	17246701	17182258	17132750	17187236	0.33	cps
Yttrium	89-2	4483034	4438920	4527620	4483191	0.99	cps
Zinc	66-2	247613	245590	243128	245444	0.92	cps
Zirconium	90-1	14264	14437	14060	14254	1.32	cps
Zirconium	91-1	3187	3127	2910	3075	4.73	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165699TB	Instrumnet Name :	P7
Client Sample ID :	PB165699TB	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:52:26	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1053	1120	1090	1088	3.07	cps
Antimony	121-1	22508	22024	22528	22353	1.28	cps
Arsenic	75-2	17	20	13	17	20.01	cps
Barium	135-1	107	150	113	123	18.92	cps
Barium	137-1	210	267	237	238	11.92	cps
Beryllium	9-1	93	57	93	81	26.10	cps
Bismuth	209-1	8517685	8505968	8431232	8484962	0.55	cps
Bismuth	209-2	7305990	7277811	7356459	7313420	0.54	cps
Bromine	81-1	15098	15201	14491	14930	2.57	cps
Bromine	81-2	127	113	153	131	15.53	cps
Cadmium	108-1	7	23	3	11	96.43	cps
Cadmium	106-1	3217	3120	3077	3138	2.28	cps
Cadmium	111-1	2271	2195	2175	2213	2.28	cps
Calcium	43-1	1103	920	687	903	23.12	cps
Calcium	44-1	22023	17847	16272	18714	15.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2457	2467	2407	2444	1.32	cps
Cobalt	59-2	227	253	200	227	11.77	cps
Copper	63-2	1033	1043	1017	1031	1.31	cps
Dysprosium	156-1	60	27	13	33	72.11	cps
Dysprosium	156-2	20	17	10	16	32.73	cps
Erbium	164-1	93	40	47	60	48.43	cps
Erbium	164-2	47	47	40	44	8.66	cps
Gadolinium	160-1	97	83	57	79	25.82	cps
Gadolinium	160-2	430	433	477	447	5.83	cps
Holmium	165-1	14248354	14150808	14277176	14225446	0.47	cps
Holmium	165-2	10298633	10293238	10445285	10345719	0.83	cps
Indium	115-1	11801102	11909698	11856521	11855774	0.46	cps
Indium	115-2	4338403	4428528	4398725	4388552	1.05	cps
Iron	56-2	79824	76402	69975	75400	6.63	cps
Iron	57-2	2490	2560	2294	2448	5.65	cps
Iron	54-2	6295	5724	5294	5771	8.70	cps
Krypton	83-1	247	207	233	229	8.90	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165699TB	Instrumnet Name :	P7
Client Sample ID :	PB165699TB	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:52:26	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1693	1717	1677	1696	1.18	cps
Lead	207-1	1633	1597	1490	1573	4.73	cps
Lead	208-1	7111	7174	6881	7055	2.19	cps
Lithium	6-1	1673441	1676902	1678080	1676141	0.14	cps
Magnesium	24-2	1773	1767	1617	1719	5.15	cps
Manganese	55-2	7545	7469	7455	7490	0.65	cps
Molybdenum	94-1	420	417	350	396	9.98	cps
Molybdenum	95-1	253	217	173	214	18.67	cps
Molybdenum	96-1	263	283	293	280	5.46	cps
Molybdenum	97-1	123	130	140	131	6.40	cps
Molybdenum	98-1	313	257	343	304	14.46	cps
Neodymium	150-1	37	37	37	37	0.00	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	577	660	513	583	12.61	cps
Phosphorus	31-2	177	130	193	167	19.70	cps
Potassium	39-2	50978	50564	50828	50790	0.41	cps
Rhodium	103-1	11101370	11065017	10975362	11047250	0.59	cps
Rhodium	103-2	6657432	6769194	6756562	6727730	0.91	cps
Scandium	45-1	6428488	6414067	6424018	6422191	0.11	cps
Scandium	45-2	554511	558535	559935	557660	0.50	cps
Selenium	82-1	125	130	95	117	16.28	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	500	533	437	490	10.02	cps
Silicon	28-1	777809	779187	767982	774993	0.79	cps
Silver	107-1	143	143	160	149	6.46	cps
Silver	109-1	107	83	100	97	12.44	cps
Sodium	23-2	118733	119297	118139	118723	0.49	cps
Strontium	86-1	583	513	490	529	9.18	cps
Strontium	88-1	2044	1643	1340	1676	21.06	cps
Sulfur	34-1	344090	343068	343325	343494	0.15	cps
Terbium	159-1	14902291	14647712	14600601	14716868	1.10	cps
Terbium	159-2	10149663	10304930	10326017	10260203	0.94	cps
Thallium	203-1	320	383	330	344	9.88	cps
Thallium	205-1	720	593	620	644	10.36	cps
Tin	118-1	2434	2550	2777	2587	6.75	cps
Titanium	47-1	190	230	203	208	9.80	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	PB165699TB	Instrumnet Name :	P7
Client Sample ID :	PB165699TB	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:52:26	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	33	13	27	43.31	cps
Vanadium	51-2	73	107	83	88	19.49	cps
Yttrium	89-1	13762181	13938699	13836730	13845870	0.64	cps
Yttrium	89-2	3727420	3754285	3731935	3737880	0.38	cps
Zinc	66-2	897	913	1030	947	7.67	cps
Zirconium	90-1	643	667	773	694	9.98	cps
Zirconium	91-1	187	123	150	153	20.74	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:55:45	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14110195	13980892	13836038	13975708	0.98	cps
Antimony	121-1	6373487	6291788	6173348	6279541	1.60	cps
Arsenic	75-2	301885	299951	297737	299858	0.69	cps
Barium	135-1	8299228	8254787	8177992	8244002	0.74	cps
Barium	137-1	14154509	14312779	13892892	14120060	1.50	cps
Beryllium	9-1	732202	733273	734375	733283	0.15	cps
Bismuth	209-1	7807184	7917467	7903690	7876114	0.76	cps
Bismuth	209-2	6541399	6603106	6549953	6564819	0.51	cps
Bromine	81-1	13736	13016	13526	13426	2.76	cps
Bromine	81-2	147	100	143	130	20.03	cps
Cadmium	108-1	111974	110496	111581	111351	0.69	cps
Cadmium	106-1	160415	159471	158046	159311	0.75	cps
Cadmium	111-1	1504441	1492494	1482876	1493270	0.72	cps
Calcium	43-1	8358845	8287455	8278243	8308181	0.53	cps
Calcium	44-1	135134608	132645735	132822431	133534258	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2427073	2413435	2422986	2421165	0.29	cps
Cobalt	59-2	3766416	3732698	3736779	3745298	0.49	cps
Copper	63-2	26258315	26339460	26053863	26217213	0.56	cps
Dysprosium	156-1	287	317	273	292	7.59	cps
Dysprosium	156-2	423	483	547	484	12.73	cps
Erbium	164-1	357	313	250	307	17.49	cps
Erbium	164-2	207	180	187	191	7.26	cps
Gadolinium	160-1	323	330	237	297	17.55	cps
Gadolinium	160-2	623	533	593	583	7.86	cps
Holmium	165-1	14355869	13988410	14141981	14162087	1.30	cps
Holmium	165-2	10097842	9956376	9928697	9994305	0.91	cps
Indium	115-1	11050986	10830281	10837858	10906375	1.15	cps
Indium	115-2	3904913	3875200	3858099	3879404	0.61	cps
Iron	56-2	567991392	574415191	566553858	569653480	0.73	cps
Iron	57-2	14000402	14119409	13980958	14033590	0.53	cps
Iron	54-2	30773589	30800710	30616346	30730215	0.32	cps
Krypton	83-1	240	270	220	243	10.34	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:55:45	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23190258	23472133	23137596	23266662	0.77	cps
Lead	207-1	21034069	21123037	20908497	21021868	0.51	cps
Lead	208-1	94720556	95817107	94820861	95119508	0.64	cps
Lithium	6-1	1703837	1668063	1705937	1692612	1.26	cps
Magnesium	24-2	107902165	107393332	106846228	107380575	0.49	cps
Manganese	55-2	19393191	19452561	19223966	19356573	0.61	cps
Molybdenum	94-1	22334790	22059780	21872430	22089000	1.05	cps
Molybdenum	95-1	32633324	31647220	31687638	31989394	1.74	cps
Molybdenum	96-1	35450311	34933434	34965766	35116504	0.82	cps
Molybdenum	97-1	20081099	19799387	19714636	19865041	0.97	cps
Molybdenum	98-1	51665161	51281198	50873206	51273188	0.77	cps
Neodymium	150-1	473	483	483	480	1.20	cps
Neodymium	150-2	193	167	137	166	17.12	cps
Nickel	60-2	887210	889011	886593	887604	0.14	cps
Phosphorus	31-2	123433	124118	122999	123517	0.46	cps
Potassium	39-2	69508809	69722387	69036667	69422621	0.51	cps
Rhodium	103-1	9743896	9485687	9728895	9652826	1.50	cps
Rhodium	103-2	5769691	5697072	5707178	5724647	0.69	cps
Scandium	45-1	6172494	6106754	6091858	6123702	0.70	cps
Scandium	45-2	515818	514120	510878	513605	0.49	cps
Selenium	82-1	90308	90485	89678	90157	0.47	cps
Selenium	77-2	9023	9023	9173	9073	0.96	cps
Selenium	78-2	30952	30685	30565	30734	0.65	cps
Silicon	28-1	3675739	3600387	3653475	3643200	1.06	cps
Silver	107-1	7737044	7558009	7587010	7627354	1.26	cps
Silver	109-1	7479965	7350272	7391612	7407283	0.89	cps
Sodium	23-2	173179231	174612737	175023664	174271877	0.56	cps
Strontium	86-1	2058955	2030776	2034529	2041420	0.75	cps
Strontium	88-1	17873108	17504897	17457306	17611770	1.29	cps
Sulfur	34-1	627340	611388	614388	617705	1.37	cps
Terbium	159-1	14460956	14377474	14336409	14391613	0.44	cps
Terbium	159-2	9833195	10012253	9707972	9851140	1.55	cps
Thallium	203-1	6073153	6001501	5972578	6015744	0.86	cps
Thallium	205-1	14300991	14398034	14185990	14295005	0.74	cps
Tin	118-1	5262514	5285667	5225373	5257851	0.58	cps
Titanium	47-1	7787994	7754330	7678957	7740427	0.72	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:55:45	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19249597	19366968	19473217	19363261	0.58	cps
Vanadium	51-2	2160569	2174767	2197903	2177746	0.87	cps
Yttrium	89-1	13396087	13074481	13154443	13208337	1.27	cps
Yttrium	89-2	3428294	3405520	3391892	3408569	0.54	cps
Zinc	66-2	4353558	4334565	4296751	4328291	0.67	cps
Zirconium	90-1	11006706	10773355	10666837	10815633	1.61	cps
Zirconium	91-1	2425403	2378058	2385708	2396390	1.06	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:58:28	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	370	473	414	12.83	cps
Antimony	121-1	2960	2744	2337	2680	11.81	cps
Arsenic	75-2	10	20	10	13	43.30	cps
Barium	135-1	820	463	353	546	44.72	cps
Barium	137-1	1307	733	493	844	49.49	cps
Beryllium	9-1	190	177	207	191	7.86	cps
Bismuth	209-1	8210251	8540599	8700498	8483783	2.95	cps
Bismuth	209-2	7440373	7355044	7359123	7384847	0.65	cps
Bromine	81-1	13773	13717	13606	13699	0.62	cps
Bromine	81-2	297	227	193	239	22.08	cps
Cadmium	108-1	27	23	17	22	22.91	cps
Cadmium	106-1	2894	3080	2900	2958	3.58	cps
Cadmium	111-1	2217	2267	2112	2198	3.59	cps
Calcium	43-1	1033	760	623	806	25.92	cps
Calcium	44-1	21042	15805	13549	16799	22.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1393	1453	1357	1401	3.48	cps
Cobalt	59-2	183	183	210	192	8.01	cps
Copper	63-2	1477	1507	1323	1436	6.85	cps
Dysprosium	156-1	7	13	10	10	33.30	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	57	63	60	60	5.55	cps
Erbium	164-2	23	33	43	33	30.00	cps
Gadolinium	160-1	47	50	40	46	11.18	cps
Gadolinium	160-2	460	413	450	441	5.57	cps
Holmium	165-1	13484747	14022742	14115561	13874350	2.45	cps
Holmium	165-2	10276082	9990060	10067227	10111123	1.46	cps
Indium	115-1	11041638	11424222	11741821	11402560	3.07	cps
Indium	115-2	4287331	4228638	4231299	4249089	0.78	cps
Iron	56-2	34807	34209	33347	34121	2.15	cps
Iron	57-2	1313	1197	1297	1269	4.97	cps
Iron	54-2	3287	3227	3147	3220	2.18	cps
Krypton	83-1	217	253	233	234	7.83	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:58:28	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2460	1893	1400	1918	27.66	cps
Lead	207-1	2484	1490	1363	1779	34.48	cps
Lead	208-1	10749	7241	5987	7992	30.88	cps
Lithium	6-1	1706119	1764124	1806498	1758914	2.86	cps
Magnesium	24-2	3297	3177	2957	3144	5.49	cps
Manganese	55-2	830	817	820	822	0.84	cps
Molybdenum	94-1	2774	2017	1487	2092	30.91	cps
Molybdenum	95-1	3714	2364	1697	2591	39.66	cps
Molybdenum	96-1	4031	2604	1910	2848	37.96	cps
Molybdenum	97-1	2167	1403	1063	1545	36.59	cps
Molybdenum	98-1	5558	3644	2867	4023	34.43	cps
Neodymium	150-1	3	10	0	4	114.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	410	320	307	346	16.27	cps
Phosphorus	31-2	197	193	183	191	3.63	cps
Potassium	39-2	51955	51718	50624	51432	1.38	cps
Rhodium	103-1	9894046	10619392	10689274	10400904	4.23	cps
Rhodium	103-2	6469842	6484316	6392819	6448992	0.76	cps
Scandium	45-1	5783690	6083575	6186004	6017756	3.47	cps
Scandium	45-2	528395	526091	524891	526459	0.34	cps
Selenium	82-1	133	85	67	95	35.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	423	447	373	414	9.04	cps
Silicon	28-1	634412	620686	613431	622843	1.71	cps
Silver	107-1	1333	977	920	1077	20.81	cps
Silver	109-1	1187	860	740	929	24.89	cps
Sodium	23-2	32648	32160	32488	32432	0.77	cps
Strontium	86-1	577	547	527	550	4.58	cps
Strontium	88-1	1893	1120	977	1330	37.08	cps
Sulfur	34-1	171800	172673	171093	171855	0.46	cps
Terbium	159-1	13597139	14533134	14726238	14285504	4.23	cps
Terbium	159-2	10281553	10055872	9893338	10076921	1.93	cps
Thallium	203-1	970	883	723	859	14.57	cps
Thallium	205-1	2564	1970	1593	2042	23.95	cps
Tin	118-1	2194	2117	1933	2081	6.42	cps
Titanium	47-1	877	520	450	616	37.17	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 13:58:28	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1567	953	780	1100	37.58	cps
Vanadium	51-2	73	67	63	68	7.51	cps
Yttrium	89-1	12781077	13224264	13485829	13163724	2.71	cps
Yttrium	89-2	3553298	3505859	3528943	3529367	0.67	cps
Zinc	66-2	360	390	387	379	4.34	cps
Zirconium	90-1	1837	1540	1373	1583	14.82	cps
Zirconium	91-1	387	333	247	322	21.93	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:01:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26093165	26097017	26159168	26116450	0.14	cps
Antimony	121-1	8172	8349	8256	8259	1.07	cps
Arsenic	75-2	174445	171491	172273	172736	0.89	cps
Barium	135-1	573679	572766	573732	573392	0.09	cps
Barium	137-1	997191	994281	986358	992610	0.56	cps
Beryllium	9-1	1570	1420	1623	1538	6.86	cps
Bismuth	209-1	8974113	8838107	8727720	8846647	1.40	cps
Bismuth	209-2	7403036	7338186	7413047	7384757	0.55	cps
Bromine	81-1	14641	14818	15011	14823	1.25	cps
Bromine	81-2	390	387	440	406	7.37	cps
Cadmium	108-1	1497	1607	1660	1588	5.25	cps
Cadmium	106-1	5975	5881	5751	5869	1.91	cps
Cadmium	111-1	24447	24441	23609	24166	2.00	cps
Calcium	43-1	389113	393834	390946	391298	0.61	cps
Calcium	44-1	5992851	5962107	5939873	5964944	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2012831	1980951	2007110	2000297	0.85	cps
Cobalt	59-2	930158	928003	923934	927365	0.34	cps
Copper	63-2	17425986	17353398	17272690	17350691	0.44	cps
Dysprosium	156-1	62448	62143	62213	62268	0.26	cps
Dysprosium	156-2	49082	49009	49366	49152	0.38	cps
Erbium	164-1	70138	70600	69877	70205	0.52	cps
Erbium	164-2	50203	50324	49758	50095	0.59	cps
Gadolinium	160-1	65241	66098	65264	65534	0.75	cps
Gadolinium	160-2	49203	49363	48634	49067	0.78	cps
Holmium	165-1	15480395	15140006	14967905	15196102	1.72	cps
Holmium	165-2	10703379	10701168	10756469	10720339	0.29	cps
Indium	115-1	12320083	12011307	12219036	12183475	1.29	cps
Indium	115-2	4311197	4342427	4346785	4333470	0.45	cps
Iron	56-2	900874733	885873107	884378867	890375569	1.02	cps
Iron	57-2	21854139	21872969	21625785	21784297	0.63	cps
Iron	54-2	48105438	48003131	47840713	47983094	0.28	cps
Krypton	83-1	330	283	347	320	10.26	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:01:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5000973	4959445	4967300	4975906	0.44	cps
Lead	207-1	4639628	4634738	4568080	4614149	0.87	cps
Lead	208-1	20633290	20531852	20370817	20511986	0.65	cps
Lithium	6-1	1904703	1833605	1836165	1858158	2.17	cps
Magnesium	24-2	29446063	29411007	29498090	29451720	0.15	cps
Manganese	55-2	14115395	14037221	13883070	14011895	0.84	cps
Molybdenum	94-1	39262	40128	40028	39806	1.19	cps
Molybdenum	95-1	4117	4251	4304	4224	2.28	cps
Molybdenum	96-1	19970	19747	20274	19997	1.32	cps
Molybdenum	97-1	2624	2797	2774	2731	3.44	cps
Molybdenum	98-1	6311	6485	6378	6391	1.37	cps
Neodymium	150-1	82258	82385	82261	82301	0.09	cps
Neodymium	150-2	49403	48888	49429	49240	0.62	cps
Nickel	60-2	441588	444023	441065	442225	0.36	cps
Phosphorus	31-2	12292	12438	12495	12408	0.85	cps
Potassium	39-2	1292322	1310751	1295815	1299629	0.75	cps
Rhodium	103-1	11136180	10861390	10842406	10946659	1.50	cps
Rhodium	103-2	6585042	6614079	6586323	6595148	0.25	cps
Scandium	45-1	7880787	7790635	7835802	7835741	0.58	cps
Scandium	45-2	667617	667642	662641	665967	0.43	cps
Selenium	82-1	614	704	614	644	8.08	cps
Selenium	77-2	187	267	227	227	17.65	cps
Selenium	78-2	760	740	693	731	4.68	cps
Silicon	28-1	51638294	52203458	51320948	51720900	0.86	cps
Silver	107-1	56044	55375	55382	55600	0.69	cps
Silver	109-1	52799	52685	53167	52884	0.48	cps
Sodium	23-2	91251	91583	90155	90997	0.82	cps
Strontium	86-1	191714	195956	195064	194244	1.15	cps
Strontium	88-1	1726810	1757231	1759895	1747979	1.05	cps
Sulfur	34-1	180455	177069	176776	178100	1.15	cps
Terbium	159-1	15538831	15378062	15267653	15394849	0.89	cps
Terbium	159-2	10772722	10597420	10645263	10671801	0.85	cps
Thallium	203-1	2797	2690	2647	2711	2.85	cps
Thallium	205-1	6482	6188	6285	6318	2.37	cps
Tin	118-1	3460	3791	3404	3552	5.89	cps
Titanium	47-1	2176757	2227139	2220083	2207993	1.24	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:01:46	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23421	22686	22369	22825	2.36	cps
Vanadium	51-2	2302679	2283690	2277492	2287954	0.57	cps
Yttrium	89-1	15439037	15332113	15306779	15359310	0.46	cps
Yttrium	89-2	4061399	3994446	4020089	4025312	0.84	cps
Zinc	66-2	575018	573585	571350	573318	0.32	cps
Zirconium	90-1	100135	102202	100977	101105	1.03	cps
Zirconium	91-1	21957	22350	23032	22446	2.42	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5191-13A	Instrumnet Name :	P7
Client Sample ID :	MYD033ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:04:49	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8686377	8628692	8568323	8627797	0.68	cps
Antimony	121-1	1453	1487	1557	1499	3.52	cps
Arsenic	75-2	24176	23298	23716	23730	1.85	cps
Barium	135-1	650263	647428	643414	647035	0.53	cps
Barium	137-1	1114841	1119190	1109907	1114646	0.42	cps
Beryllium	9-1	1113	1243	1150	1169	5.73	cps
Bismuth	209-1	8777107	8686679	8581766	8681851	1.13	cps
Bismuth	209-2	7315314	7357874	7311027	7328072	0.35	cps
Bromine	81-1	14250	14958	14567	14592	2.43	cps
Bromine	81-2	310	223	310	281	17.80	cps
Cadmium	108-1	190	217	157	188	16.01	cps
Cadmium	106-1	3764	3831	3644	3746	2.53	cps
Cadmium	111-1	3098	3123	3144	3122	0.74	cps
Calcium	43-1	526465	531357	522853	526892	0.81	cps
Calcium	44-1	8050754	8173758	8083741	8102751	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476900	478541	473597	476346	0.53	cps
Cobalt	59-2	271721	271006	270277	271002	0.27	cps
Copper	63-2	572810	571717	566720	570415	0.57	cps
Dysprosium	156-1	48420	47570	47918	47969	0.89	cps
Dysprosium	156-2	42370	41919	41615	41968	0.91	cps
Erbium	164-1	40218	39409	39823	39817	1.02	cps
Erbium	164-2	27858	28746	28259	28288	1.57	cps
Gadolinium	160-1	42581	42835	42956	42791	0.45	cps
Gadolinium	160-2	32337	32447	32284	32356	0.26	cps
Holmium	165-1	14758784	14531781	14433321	14574629	1.15	cps
Holmium	165-2	10582500	10504151	10422028	10502893	0.76	cps
Indium	115-1	12222808	11976353	11923274	12040811	1.33	cps
Indium	115-2	4425587	4403607	4357541	4395578	0.79	cps
Iron	56-2	324489595	324858068	323996575	324448080	0.13	cps
Iron	57-2	7976777	7955402	7897209	7943129	0.52	cps
Iron	54-2	17636963	17428225	17407216	17490802	0.73	cps
Krypton	83-1	300	263	290	284	6.66	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5191-13A	Instrumnet Name :	P7
Client Sample ID :	MYD033ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:04:49	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	191619	193702	192745	192689	0.54	cps
Lead	207-1	138737	138339	136481	137852	0.87	cps
Lead	208-1	671472	673351	664982	669935	0.66	cps
Lithium	6-1	1795956	1797616	1850854	1814809	1.72	cps
Magnesium	24-2	11016233	10937999	10906364	10953532	0.52	cps
Manganese	55-2	4517411	4495774	4512211	4508465	0.25	cps
Molybdenum	94-1	50353	52002	50654	51003	1.72	cps
Molybdenum	95-1	3050	3034	2920	3001	2.36	cps
Molybdenum	96-1	14924	14971	15058	14984	0.45	cps
Molybdenum	97-1	1887	1843	1910	1880	1.80	cps
Molybdenum	98-1	4554	4841	4854	4750	3.57	cps
Neodymium	150-1	86279	88854	87932	87688	1.49	cps
Neodymium	150-2	53106	53357	54106	53523	0.97	cps
Nickel	60-2	135956	134699	135142	135265	0.47	cps
Phosphorus	31-2	25168	25064	24436	24889	1.59	cps
Potassium	39-2	1420294	1414512	1417684	1417497	0.20	cps
Rhodium	103-1	11042332	10898550	10938062	10959648	0.68	cps
Rhodium	103-2	6572813	6587674	6541478	6567321	0.36	cps
Scandium	45-1	6820277	6734161	6708306	6754248	0.87	cps
Scandium	45-2	582286	578884	576847	579339	0.47	cps
Selenium	82-1	149	222	112	161	34.51	cps
Selenium	77-2	93	150	90	111	30.35	cps
Selenium	78-2	640	533	660	611	11.14	cps
Silicon	28-1	21673446	21853428	21824709	21783861	0.44	cps
Silver	107-1	1123	980	963	1022	8.61	cps
Silver	109-1	847	823	877	849	3.15	cps
Sodium	23-2	236205	234168	234496	234956	0.47	cps
Strontium	86-1	297307	297189	298385	297627	0.22	cps
Strontium	88-1	2627233	2681500	2683815	2664183	1.20	cps
Sulfur	34-1	168318	169451	169852	169207	0.47	cps
Terbium	159-1	15341935	15005039	15182688	15176554	1.11	cps
Terbium	159-2	10547567	10416897	10232564	10399009	1.52	cps
Thallium	203-1	1510	1363	1403	1426	5.32	cps
Thallium	205-1	3230	3234	3180	3215	0.93	cps
Tin	118-1	6745	6672	6692	6703	0.57	cps
Titanium	47-1	2803975	2796041	2783629	2794548	0.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5191-13A	Instrumnet Name :	P7
Client Sample ID :	MYD033ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:04:49	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57838	57423	56921	57394	0.80	cps
Vanadium	51-2	560149	558313	552288	556917	0.74	cps
Yttrium	89-1	14792288	14599729	14864212	14752076	0.93	cps
Yttrium	89-2	3944627	3893211	3892787	3910209	0.76	cps
Zinc	66-2	173157	173471	172385	173005	0.32	cps
Zirconium	90-1	132756	134862	134167	133928	0.80	cps
Zirconium	91-1	29680	29917	29807	29801	0.40	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:08:00	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2560347	2555036	2586453	2567279	0.66	cps
Antimony	121-1	3878478	3956297	3920065	3918280	0.99	cps
Arsenic	75-2	537416	533468	540626	537170	0.67	cps
Barium	135-1	406138	408959	408067	407721	0.35	cps
Barium	137-1	700487	707406	708931	705608	0.64	cps
Beryllium	9-1	583	620	607	603	3.08	cps
Bismuth	209-1	8917921	8741831	8807805	8822519	1.01	cps
Bismuth	209-2	7541790	7476856	7501831	7506826	0.44	cps
Bromine	81-1	37955	40953	41936	40282	5.15	cps
Bromine	81-2	5564	5491	5428	5494	1.25	cps
Cadmium	108-1	657	677	727	687	5.25	cps
Cadmium	106-1	4494	4354	4197	4348	3.41	cps
Cadmium	111-1	7067	7268	7127	7154	1.45	cps
Calcium	43-1	253032	256849	257717	255866	0.97	cps
Calcium	44-1	3894721	4004649	3912795	3937388	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117013	117459	117570	117347	0.25	cps
Cobalt	59-2	688184	685995	688463	687548	0.20	cps
Copper	63-2	3155521	3127503	3130727	3137917	0.49	cps
Dysprosium	156-1	16834	16480	16577	16630	1.10	cps
Dysprosium	156-2	13507	13820	13610	13646	1.17	cps
Erbium	164-1	15489	16193	16126	15936	2.44	cps
Erbium	164-2	11368	11585	11391	11448	1.04	cps
Gadolinium	160-1	16413	16917	16290	16540	2.01	cps
Gadolinium	160-2	12689	12849	12809	12783	0.65	cps
Holmium	165-1	15059389	14582604	14691663	14777885	1.69	cps
Holmium	165-2	10506858	10473975	10530516	10503783	0.27	cps
Indium	115-1	12953796	12606945	12612817	12724519	1.56	cps
Indium	115-2	4713839	4668218	4640108	4674055	0.80	cps
Iron	56-2	251037183	251758183	251435163	251410176	0.14	cps
Iron	57-2	6182132	6066514	6119830	6122825	0.95	cps
Iron	54-2	13520097	13511076	13700630	13577268	0.79	cps
Krypton	83-1	197	307	310	271	23.79	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:08:00	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7837803	7915114	7961675	7904864	0.79	cps
Lead	207-1	7190132	7122446	7149604	7154061	0.48	cps
Lead	208-1	32198129	32182874	32407016	32262673	0.39	cps
Lithium	6-1	1856640	1786367	1781824	1808277	2.32	cps
Magnesium	24-2	2465612	2485288	2472001	2474300	0.41	cps
Manganese	55-2	1517895	1481350	1508919	1502721	1.27	cps
Molybdenum	94-1	88904	92181	90826	90637	1.82	cps
Molybdenum	95-1	72729	73721	72304	72918	1.00	cps
Molybdenum	96-1	88922	89988	89002	89304	0.66	cps
Molybdenum	97-1	45383	46447	45955	45929	1.16	cps
Molybdenum	98-1	116164	118244	117044	117151	0.89	cps
Neodymium	150-1	25851	25894	25066	25603	1.82	cps
Neodymium	150-2	15382	15552	15212	15382	1.11	cps
Nickel	60-2	50528	49411	50210	50050	1.15	cps
Phosphorus	31-2	9940	10007	9857	9934	0.76	cps
Potassium	39-2	1333151	1351130	1366437	1350239	1.23	cps
Rhodium	103-1	11261557	11123775	11133653	11172995	0.69	cps
Rhodium	103-2	6768721	6659187	6842234	6756714	1.36	cps
Scandium	45-1	6847324	6698524	6812794	6786214	1.15	cps
Scandium	45-2	577296	583361	590253	583637	1.11	cps
Selenium	82-1	391	250	233	291	29.72	cps
Selenium	77-2	53	97	63	71	31.91	cps
Selenium	78-2	547	523	687	586	15.09	cps
Silicon	28-1	18536559	18609725	18877445	18674577	0.96	cps
Silver	107-1	24017	25255	24537	24603	2.53	cps
Silver	109-1	23169	24227	23359	23585	2.39	cps
Sodium	23-2	4938664	4954928	4997211	4963601	0.61	cps
Strontium	86-1	256450	262280	261730	260153	1.24	cps
Strontium	88-1	2324008	2337361	2312467	2324612	0.54	cps
Sulfur	34-1	240396	242968	239518	240961	0.74	cps
Terbium	159-1	15435764	14969963	15024773	15143500	1.68	cps
Terbium	159-2	10346315	10466638	10469079	10427344	0.67	cps
Thallium	203-1	4804	5184	4844	4944	4.22	cps
Thallium	205-1	11575	11445	11765	11595	1.39	cps
Tin	118-1	1094507	1105277	1099396	1099727	0.49	cps
Titanium	47-1	623622	631042	632089	628918	0.73	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:08:00	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43474	44143	43825	43814	0.76	cps
Vanadium	51-2	141468	140220	141330	141006	0.49	cps
Yttrium	89-1	14688086	14296088	14412924	14465699	1.39	cps
Yttrium	89-2	3844370	3879843	3882582	3868932	0.55	cps
Zinc	66-2	3643429	3588857	3676804	3636364	1.22	cps
Zirconium	90-1	132045	133278	131778	132367	0.60	cps
Zirconium	91-1	30164	30559	30642	30455	0.84	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:11:01	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2593521	2598723	2531967	2574737	1.44	cps
Antimony	121-1	3929628	3951943	3917005	3932859	0.45	cps
Arsenic	75-2	541268	538764	537546	539193	0.35	cps
Barium	135-1	404597	411213	408666	408159	0.82	cps
Barium	137-1	696850	710341	704566	703919	0.96	cps
Beryllium	9-1	613	583	600	599	2.51	cps
Bismuth	209-1	8803975	8806598	8697418	8769330	0.71	cps
Bismuth	209-2	7606120	7513403	7517482	7545668	0.69	cps
Bromine	81-1	38928	41401	42364	40898	4.33	cps
Bromine	81-2	5581	5484	5598	5554	1.10	cps
Cadmium	108-1	650	613	740	668	9.76	cps
Cadmium	106-1	4487	4491	4467	4482	0.28	cps
Cadmium	111-1	7174	7352	7123	7216	1.66	cps
Calcium	43-1	255523	255575	257320	256140	0.40	cps
Calcium	44-1	3924547	3938014	3923466	3928676	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119932	118991	118081	119001	0.78	cps
Cobalt	59-2	695983	691723	689134	692280	0.50	cps
Copper	63-2	3172632	3164860	3192721	3176738	0.45	cps
Dysprosium	156-1	16493	16740	16540	16591	0.79	cps
Dysprosium	156-2	13633	13477	13440	13517	0.76	cps
Erbium	164-1	15882	15926	16400	16069	1.79	cps
Erbium	164-2	11064	11602	11308	11325	2.37	cps
Gadolinium	160-1	15956	16744	16737	16479	2.75	cps
Gadolinium	160-2	12733	12586	12582	12634	0.68	cps
Holmium	165-1	14659123	14737262	14595071	14663819	0.49	cps
Holmium	165-2	10577582	10547081	10524968	10549877	0.25	cps
Indium	115-1	12849676	12887055	12687193	12807975	0.83	cps
Indium	115-2	4757359	4686492	4651847	4698566	1.14	cps
Iron	56-2	254954210	256462943	250919363	254112172	1.13	cps
Iron	57-2	6187944	6240923	6155328	6194731	0.70	cps
Iron	54-2	13787238	13706533	13509631	13667800	1.04	cps
Krypton	83-1	217	343	220	260	27.77	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:11:01	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7751427	7933308	7838451	7841062	1.16	cps
Lead	207-1	7101604	7109559	7199136	7136766	0.76	cps
Lead	208-1	31698861	32247966	32237819	32061549	0.98	cps
Lithium	6-1	1808877	1782692	1801205	1797591	0.75	cps
Magnesium	24-2	2465287	2468865	2482711	2472288	0.37	cps
Manganese	55-2	1540243	1522870	1498059	1520391	1.39	cps
Molybdenum	94-1	89726	91101	90718	90515	0.78	cps
Molybdenum	95-1	72559	73825	73376	73253	0.88	cps
Molybdenum	96-1	89367	90182	89693	89747	0.46	cps
Molybdenum	97-1	45527	46166	45577	45757	0.78	cps
Molybdenum	98-1	117000	119440	118512	118317	1.04	cps
Neodymium	150-1	25410	26021	25383	25604	1.41	cps
Neodymium	150-2	15519	15479	15472	15490	0.16	cps
Nickel	60-2	49970	50314	50993	50426	1.03	cps
Phosphorus	31-2	10304	10254	10460	10339	1.04	cps
Potassium	39-2	1342382	1372930	1377667	1364327	1.40	cps
Rhodium	103-1	11278821	11233695	11221817	11244777	0.27	cps
Rhodium	103-2	6781178	6791897	6692558	6755211	0.81	cps
Scandium	45-1	6895000	6786994	6768061	6816685	1.00	cps
Scandium	45-2	593237	589374	582450	588354	0.93	cps
Selenium	82-1	354	186	353	298	32.39	cps
Selenium	77-2	53	43	50	49	10.42	cps
Selenium	78-2	543	643	550	579	9.66	cps
Silicon	28-1	18593820	18901216	19059853	18851630	1.26	cps
Silver	107-1	23773	24938	24347	24353	2.39	cps
Silver	109-1	22858	23162	23683	23234	1.79	cps
Sodium	23-2	5040325	4974903	4987822	5001017	0.69	cps
Strontium	86-1	257804	259770	263250	260275	1.06	cps
Strontium	88-1	2319026	2352308	2356250	2342528	0.87	cps
Sulfur	34-1	233660	236361	237710	235910	0.87	cps
Terbium	159-1	15317976	15082005	15088803	15162928	0.89	cps
Terbium	159-2	10581046	10434510	10387812	10467789	0.96	cps
Thallium	203-1	4421	4474	4477	4457	0.71	cps
Thallium	205-1	10311	10294	10911	10505	3.35	cps
Tin	118-1	1092007	1102039	1102787	1098944	0.55	cps
Titanium	47-1	624405	633984	632159	630183	0.81	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0D	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:11:01	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43099	43461	43447	43336	0.47	cps
Vanadium	51-2	143857	142084	140924	142289	1.04	cps
Yttrium	89-1	14757189	14529336	14632267	14639598	0.78	cps
Yttrium	89-2	3962283	3855130	3821873	3879762	1.89	cps
Zinc	66-2	3660237	3653252	3696382	3669957	0.63	cps
Zirconium	90-1	131859	133998	132639	132832	0.81	cps
Zirconium	91-1	29830	30144	30448	30141	1.03	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	10
Date & Time Acquired :	2024-12-23 14:14:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	501982	498915	497809	499569	0.43	cps
Antimony	121-1	730553	733916	734166	732878	0.28	cps
Arsenic	75-2	107724	107895	107193	107604	0.34	cps
Barium	135-1	80536	81823	80583	80981	0.90	cps
Barium	137-1	137830	139149	139290	138756	0.58	cps
Beryllium	9-1	210	213	163	196	14.29	cps
Bismuth	209-1	8749510	8576646	8548924	8625027	1.26	cps
Bismuth	209-2	7363868	7222950	7307572	7298130	0.97	cps
Bromine	81-1	20685	21015	20645	20781	0.98	cps
Bromine	81-2	1300	1430	1297	1342	5.66	cps
Cadmium	108-1	157	193	167	172	11.01	cps
Cadmium	106-1	3594	3177	3244	3338	6.71	cps
Cadmium	111-1	3346	3095	2941	3127	6.54	cps
Calcium	43-1	50430	50888	51072	50797	0.65	cps
Calcium	44-1	821535	823339	823760	822878	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24737	24009	24811	24519	1.81	cps
Cobalt	59-2	136352	137073	138829	137418	0.93	cps
Copper	63-2	604550	603172	607917	605213	0.40	cps
Dysprosium	156-1	3324	3310	3284	3306	0.62	cps
Dysprosium	156-2	2580	2647	2750	2659	3.22	cps
Erbium	164-1	3087	3360	2974	3140	6.33	cps
Erbium	164-2	2257	2310	2457	2341	4.42	cps
Gadolinium	160-1	3300	3367	3217	3295	2.28	cps
Gadolinium	160-2	3050	2870	3137	3019	4.51	cps
Holmium	165-1	14542610	14497221	14226964	14422265	1.18	cps
Holmium	165-2	10451900	10239347	10243770	10311672	1.18	cps
Indium	115-1	12402343	11986683	12149462	12179496	1.72	cps
Indium	115-2	4406360	4417734	4443251	4422448	0.43	cps
Iron	56-2	49538326	49813679	49809606	49720537	0.32	cps
Iron	57-2	1239622	1248599	1238891	1242371	0.44	cps
Iron	54-2	2689202	2683999	2712615	2695272	0.57	cps
Krypton	83-1	157	227	260	214	24.59	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	10
Date & Time Acquired :	2024-12-23 14:14:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1450917	1441686	1444774	1445792	0.32	cps
Lead	207-1	1276732	1281357	1284763	1280951	0.31	cps
Lead	208-1	6094078	6104324	6158132	6118845	0.56	cps
Lithium	6-1	1805748	1782713	1755242	1781235	1.42	cps
Magnesium	24-2	480999	483034	477764	480599	0.55	cps
Manganese	55-2	293446	291816	289272	291511	0.72	cps
Molybdenum	94-1	18195	18004	18075	18091	0.53	cps
Molybdenum	95-1	14974	14674	14818	14822	1.01	cps
Molybdenum	96-1	17694	18211	17828	17911	1.50	cps
Molybdenum	97-1	9120	8853	9010	8994	1.49	cps
Molybdenum	98-1	23519	23763	22951	23411	1.78	cps
Neodymium	150-1	4891	4968	5018	4959	1.29	cps
Neodymium	150-2	3037	3060	3027	3041	0.56	cps
Nickel	60-2	10550	10540	10154	10415	2.17	cps
Phosphorus	31-2	2104	2027	2114	2081	2.28	cps
Potassium	39-2	318314	317722	320638	318891	0.48	cps
Rhodium	103-1	11249520	11119705	11040034	11136420	0.95	cps
Rhodium	103-2	6756246	6683978	6664767	6701664	0.72	cps
Scandium	45-1	6747433	6616177	6571487	6645032	1.38	cps
Scandium	45-2	570190	570880	575085	572052	0.46	cps
Selenium	82-1	245	139	121	168	39.60	cps
Selenium	77-2	23	30	13	22	37.76	cps
Selenium	78-2	503	507	457	489	5.72	cps
Silicon	28-1	4381935	4397160	4437196	4405430	0.65	cps
Silver	107-1	4737	4994	5068	4933	3.51	cps
Silver	109-1	4801	4644	4461	4635	3.67	cps
Sodium	23-2	994117	989453	982132	988568	0.61	cps
Strontium	86-1	51547	51630	51918	51698	0.38	cps
Strontium	88-1	446098	445377	445667	445714	0.08	cps
Sulfur	34-1	166816	167203	167399	167139	0.18	cps
Terbium	159-1	15159743	14723064	14682881	14855230	1.78	cps
Terbium	159-2	10306019	10210557	10208698	10241758	0.54	cps
Thallium	203-1	1257	1253	1253	1255	0.15	cps
Thallium	205-1	3054	2810	2874	2913	4.34	cps
Tin	118-1	219713	221053	219808	220191	0.34	cps
Titanium	47-1	123720	124080	124933	124244	0.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-01LDLX10	Instrumnet Name :	P7
Client Sample ID :	MJNKD0L	Dilution Factor :	10
Date & Time Acquired :	2024-12-23 14:14:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8576	8416	8519	8504	0.95	cps
Vanadium	51-2	28016	28046	28066	28043	0.09	cps
Yttrium	89-1	14307613	14091188	14052878	14150560	0.97	cps
Yttrium	89-2	3714394	3736924	3732441	3727920	0.32	cps
Zinc	66-2	700605	700756	701177	700846	0.04	cps
Zirconium	90-1	26220	26330	26788	26446	1.14	cps
Zirconium	91-1	6035	6325	5955	6105	3.19	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:17:18	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2666050	2656763	2632496	2651770	0.65	cps
Antimony	121-1	4101460	4125050	4108600	4111703	0.29	cps
Arsenic	75-2	552772	546378	550425	549858	0.59	cps
Barium	135-1	1091257	1106637	1104469	1100788	0.76	cps
Barium	137-1	1995058	2011413	1985302	1997258	0.66	cps
Beryllium	9-1	8873	8959	9169	9000	1.70	cps
Bismuth	209-1	8740520	8792404	8623140	8718688	0.99	cps
Bismuth	209-2	7579918	7507034	7542394	7543115	0.48	cps
Bromine	81-1	38470	40913	41017	40133	3.59	cps
Bromine	81-2	5401	5474	5614	5497	1.97	cps
Cadmium	108-1	1943	1980	1880	1935	2.62	cps
Cadmium	106-1	5958	5981	5881	5940	0.88	cps
Cadmium	111-1	25251	25278	25428	25319	0.38	cps
Calcium	43-1	256343	262198	260561	259701	1.16	cps
Calcium	44-1	3925222	3966097	3931625	3940982	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238194	232620	235236	235350	1.18	cps
Cobalt	59-2	1154621	1151564	1151236	1152473	0.16	cps
Copper	63-2	3346784	3333403	3323611	3334599	0.35	cps
Dysprosium	156-1	16533	16950	16950	16811	1.43	cps
Dysprosium	156-2	13467	14020	13864	13784	2.07	cps
Erbium	164-1	16206	16093	16209	16169	0.41	cps
Erbium	164-2	11735	11872	11658	11755	0.92	cps
Gadolinium	160-1	16383	16914	16774	16690	1.65	cps
Gadolinium	160-2	12779	13123	12696	12866	1.76	cps
Holmium	165-1	14474154	14461135	14330915	14422068	0.55	cps
Holmium	165-2	10514350	10548282	10509451	10524028	0.20	cps
Indium	115-1	12387708	12621573	12593556	12534279	1.02	cps
Indium	115-2	4619336	4620241	4642169	4627249	0.28	cps
Iron	56-2	258303489	255140990	254481736	255975405	0.80	cps
Iron	57-2	6318635	6211221	6293334	6274397	0.89	cps
Iron	54-2	13846659	13805676	13985995	13879443	0.68	cps
Krypton	83-1	237	293	297	276	12.24	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:17:18	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7817541	7912649	7813426	7847872	0.72	cps
Lead	207-1	7178651	7221929	7257608	7219396	0.55	cps
Lead	208-1	32362032	32687312	32419620	32489655	0.53	cps
Lithium	6-1	1796909	1770285	1793577	1786924	0.81	cps
Magnesium	24-2	2525615	2482984	2448370	2485656	1.56	cps
Manganese	55-2	1759821	1737438	1736840	1744700	0.75	cps
Molybdenum	94-1	89958	92084	90594	90878	1.20	cps
Molybdenum	95-1	73423	74023	75188	74211	1.21	cps
Molybdenum	96-1	90219	89505	91165	90296	0.92	cps
Molybdenum	97-1	46300	46293	46798	46464	0.62	cps
Molybdenum	98-1	118408	118939	121903	119750	1.57	cps
Neodymium	150-1	25266	25613	25153	25344	0.95	cps
Neodymium	150-2	15782	15599	15776	15719	0.66	cps
Nickel	60-2	165977	166749	164760	165829	0.60	cps
Phosphorus	31-2	10237	10067	10414	10239	1.69	cps
Potassium	39-2	1385633	1365945	1376428	1376002	0.72	cps
Rhodium	103-1	11095704	11080211	11081018	11085644	0.08	cps
Rhodium	103-2	6850463	6679539	6725051	6751684	1.31	cps
Scandium	45-1	6581437	6714416	6603635	6633162	1.07	cps
Scandium	45-2	588931	581404	582192	584176	0.71	cps
Selenium	82-1	2604	2656	2543	2601	2.18	cps
Selenium	77-2	317	293	317	309	4.36	cps
Selenium	78-2	1440	1330	1387	1386	3.97	cps
Silicon	28-1	18582781	19058840	18914815	18852146	1.30	cps
Silver	107-1	112979	112986	114080	113348	0.56	cps
Silver	109-1	108344	107955	108871	108390	0.42	cps
Sodium	23-2	5053804	5002486	5007028	5021106	0.57	cps
Strontium	86-1	260405	263319	266382	263369	1.13	cps
Strontium	88-1	2324161	2355093	2368462	2349239	0.97	cps
Sulfur	34-1	230996	230458	227796	229750	0.75	cps
Terbium	159-1	14959560	14888828	14749296	14865894	0.72	cps
Terbium	159-2	10596143	10435468	10403246	10478286	0.99	cps
Thallium	203-1	65212	65379	65252	65281	0.13	cps
Thallium	205-1	152190	155548	154547	154095	1.12	cps
Tin	118-1	1104549	1118151	1110656	1111118	0.61	cps
Titanium	47-1	625387	639044	635018	633150	1.11	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNKD0S	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:17:18	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43113	44267	44006	43795	1.38	cps
Vanadium	51-2	397698	392417	396399	395505	0.70	cps
Yttrium	89-1	14311591	14352541	14439039	14367724	0.45	cps
Yttrium	89-2	3831769	3792905	3839154	3821276	0.65	cps
Zinc	66-2	3675583	3711092	3726748	3704474	0.71	cps
Zirconium	90-1	130719	133954	133224	132632	1.28	cps
Zirconium	91-1	30131	30836	30525	30497	1.16	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:20:22	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2386473	2426482	2396918	2403291	0.86	cps
Antimony	121-1	4073699	4110841	4103336	4095959	0.48	cps
Arsenic	75-2	519936	521101	516530	519189	0.46	cps
Barium	135-1	384903	387219	385837	385986	0.30	cps
Barium	137-1	664776	668950	674045	669257	0.69	cps
Beryllium	9-1	687	587	560	611	10.93	cps
Bismuth	209-1	8691611	8791759	8651840	8711737	0.83	cps
Bismuth	209-2	7458334	7493465	7423890	7458563	0.47	cps
Bromine	81-1	34053	36244	36131	35476	3.48	cps
Bromine	81-2	4694	4454	4364	4504	3.79	cps
Cadmium	108-1	723	593	637	651	10.17	cps
Cadmium	106-1	4391	4354	4117	4287	3.46	cps
Cadmium	111-1	6621	6840	6290	6584	4.20	cps
Calcium	43-1	308870	311961	308338	309723	0.63	cps
Calcium	44-1	4717790	4731906	4770944	4740214	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110904	112264	110709	111292	0.76	cps
Cobalt	59-2	659755	659196	659631	659527	0.04	cps
Copper	63-2	2956835	2889474	2910871	2919060	1.18	cps
Dysprosium	156-1	15852	16216	15946	16005	1.18	cps
Dysprosium	156-2	12836	13773	13090	13233	3.66	cps
Erbium	164-1	15712	15489	15319	15506	1.27	cps
Erbium	164-2	11435	11061	10868	11121	2.59	cps
Gadolinium	160-1	15525	16216	16223	15988	2.51	cps
Gadolinium	160-2	12309	12652	12566	12509	1.43	cps
Holmium	165-1	14834731	14751292	14456540	14680855	1.35	cps
Holmium	165-2	10426203	10450870	10309747	10395607	0.73	cps
Indium	115-1	12794381	12661348	12659902	12705210	0.61	cps
Indium	115-2	4663704	4643283	4682960	4663316	0.43	cps
Iron	56-2	242983216	242860650	239900170	241914679	0.72	cps
Iron	57-2	5903866	5949071	5838114	5897017	0.95	cps
Iron	54-2	13077216	13038788	12886141	13000715	0.78	cps
Krypton	83-1	263	257	220	247	9.46	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:20:22	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7211739	7309959	7216481	7246060	0.76	cps
Lead	207-1	6551593	6611451	6553104	6572049	0.52	cps
Lead	208-1	29475390	30002389	29472682	29650154	1.03	cps
Lithium	6-1	1798302	1772653	1795988	1788981	0.79	cps
Magnesium	24-2	2310927	2271250	2302013	2294730	0.91	cps
Manganese	55-2	1467483	1487520	1440931	1465312	1.59	cps
Molybdenum	94-1	82105	84659	84964	83910	1.87	cps
Molybdenum	95-1	68131	70612	68717	69153	1.88	cps
Molybdenum	96-1	83778	84378	83741	83966	0.43	cps
Molybdenum	97-1	42371	43973	43471	43272	1.89	cps
Molybdenum	98-1	109782	112693	112496	111657	1.46	cps
Neodymium	150-1	24882	24839	24685	24802	0.42	cps
Neodymium	150-2	15712	15365	14811	15296	2.97	cps
Nickel	60-2	46943	47478	48100	47507	1.22	cps
Phosphorus	31-2	10120	10630	10397	10382	2.46	cps
Potassium	39-2	1321582	1321432	1328534	1323849	0.31	cps
Rhodium	103-1	11220168	11162076	11265417	11215887	0.46	cps
Rhodium	103-2	6787108	6751404	6781844	6773452	0.28	cps
Scandium	45-1	6836982	6787723	6774494	6799733	0.48	cps
Scandium	45-2	583601	581544	580530	581892	0.27	cps
Selenium	82-1	242	284	306	277	11.80	cps
Selenium	77-2	63	63	73	67	8.66	cps
Selenium	78-2	500	533	510	514	3.33	cps
Silicon	28-1	15645395	15734693	15708176	15696088	0.29	cps
Silver	107-1	22811	23142	23219	23057	0.94	cps
Silver	109-1	22027	22351	22120	22166	0.75	cps
Sodium	23-2	4651338	4595661	4612254	4619751	0.62	cps
Strontium	86-1	275099	276777	274682	275519	0.40	cps
Strontium	88-1	2448697	2495248	2486525	2476823	1.00	cps
Sulfur	34-1	214135	214595	214957	214563	0.19	cps
Terbium	159-1	15235432	15095957	15078682	15136690	0.57	cps
Terbium	159-2	10473210	10461793	10414062	10449688	0.30	cps
Thallium	203-1	3741	3767	4284	3931	7.79	cps
Thallium	205-1	9073	9180	9110	9121	0.59	cps
Tin	118-1	1005411	1006729	1015474	1009205	0.54	cps
Titanium	47-1	567158	577443	574442	573014	0.92	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	P5248-12DLX2	Instrumnet Name :	P7
Client Sample ID :	MJNLH6	Dilution Factor :	2
Date & Time Acquired :	2024-12-23 14:20:22	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38476	38034	38826	38445	1.03	cps
Vanadium	51-2	135411	136554	135373	135779	0.49	cps
Yttrium	89-1	14598294	14710941	14435991	14581742	0.95	cps
Yttrium	89-2	3877969	3872833	3793378	3848060	1.23	cps
Zinc	66-2	3434090	3434933	3404087	3424370	0.51	cps
Zirconium	90-1	121249	122495	123174	122306	0.80	cps
Zirconium	91-1	27873	27496	27977	27782	0.91	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:23:22	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13440339	13229519	13240304	13303388	0.89	cps
Antimony	121-1	5937432	6029714	5916029	5961058	1.01	cps
Arsenic	75-2	287853	282322	281985	284053	1.16	cps
Barium	135-1	7716703	7800997	7723815	7747172	0.60	cps
Barium	137-1	13328129	13407909	13356485	13364174	0.30	cps
Beryllium	9-1	706425	711634	711030	709696	0.40	cps
Bismuth	209-1	7910891	7582644	7697214	7730250	2.16	cps
Bismuth	209-2	6521440	6452136	6528454	6500677	0.65	cps
Bromine	81-1	14924	13943	13736	14201	4.47	cps
Bromine	81-2	250	227	267	248	8.11	cps
Cadmium	108-1	105221	107081	105077	105793	1.06	cps
Cadmium	106-1	152911	152339	150375	151875	0.88	cps
Cadmium	111-1	1414989	1418240	1422875	1418701	0.28	cps
Calcium	43-1	8119942	7861521	7864439	7948634	1.87	cps
Calcium	44-1	128220921	127140121	126671188	127344077	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2323845	2262302	2260456	2282201	1.58	cps
Cobalt	59-2	3562428	3547667	3533844	3547979	0.40	cps
Copper	63-2	24963173	24939406	25069720	24990767	0.28	cps
Dysprosium	156-1	320	317	317	318	0.61	cps
Dysprosium	156-2	500	483	517	500	3.33	cps
Erbium	164-1	310	273	283	289	6.56	cps
Erbium	164-2	193	203	200	199	2.56	cps
Gadolinium	160-1	247	320	337	301	15.90	cps
Gadolinium	160-2	560	543	553	552	1.52	cps
Holmium	165-1	14418529	13812058	13690684	13973757	2.79	cps
Holmium	165-2	9773810	9884509	9895489	9851269	0.68	cps
Indium	115-1	10980903	10490760	10506106	10659256	2.61	cps
Indium	115-2	3867861	3794706	3839355	3833974	0.96	cps
Iron	56-2	540689072	536778445	536574712	538014076	0.43	cps
Iron	57-2	13350087	13402084	13362661	13371611	0.20	cps
Iron	54-2	29309047	29374156	28999385	29227530	0.69	cps
Krypton	83-1	227	257	257	247	7.02	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:23:22	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21890397	22705340	22008358	22201365	1.98	cps
Lead	207-1	19880086	20440633	19984291	20101670	1.48	cps
Lead	208-1	90005124	92235417	90563353	90934631	1.28	cps
Lithium	6-1	1713886	1700622	1690005	1701505	0.70	cps
Magnesium	24-2	103026975	102025582	103037832	102696796	0.57	cps
Manganese	55-2	18393470	18130903	18102441	18208938	0.88	cps
Molybdenum	94-1	21099260	20749289	20803142	20883897	0.90	cps
Molybdenum	95-1	30406482	30230586	29951742	30196270	0.76	cps
Molybdenum	96-1	33109701	33028756	32604211	32914223	0.82	cps
Molybdenum	97-1	18973191	18896268	18534859	18801439	1.24	cps
Molybdenum	98-1	49143676	48854318	47935989	48644661	1.30	cps
Neodymium	150-1	467	463	457	462	1.10	cps
Neodymium	150-2	113	170	123	136	22.31	cps
Nickel	60-2	853692	840972	842373	845679	0.82	cps
Phosphorus	31-2	117560	116328	117308	117065	0.56	cps
Potassium	39-2	65720531	65155844	65227141	65367838	0.47	cps
Rhodium	103-1	9917013	9438578	9259654	9538415	3.56	cps
Rhodium	103-2	5690475	5656280	5583714	5643490	0.97	cps
Scandium	45-1	6401315	5910615	5869553	6060494	4.88	cps
Scandium	45-2	503862	502507	503269	503213	0.13	cps
Selenium	82-1	86020	86447	85878	86115	0.34	cps
Selenium	77-2	8893	8776	8963	8877	1.06	cps
Selenium	78-2	30064	30024	28678	29588	2.67	cps
Silicon	28-1	3530954	3502223	3495904	3509693	0.53	cps
Silver	107-1	7393178	7251564	7107112	7250618	1.97	cps
Silver	109-1	7067232	6924770	6975997	6989333	1.03	cps
Sodium	23-2	167463608	167996168	166622121	167360632	0.41	cps
Strontium	86-1	1941532	1941238	1938516	1940429	0.09	cps
Strontium	88-1	16864981	16722779	16839986	16809249	0.45	cps
Sulfur	34-1	613232	603082	596347	604220	1.41	cps
Terbium	159-1	14561094	13920592	13965769	14149152	2.53	cps
Terbium	159-2	9750389	9732851	9703052	9728764	0.25	cps
Thallium	203-1	5652591	5756581	5825151	5744774	1.51	cps
Thallium	205-1	13434166	13824034	13554050	13604084	1.47	cps
Tin	118-1	4981584	5029333	4930437	4980451	0.99	cps
Titanium	47-1	7555610	7376087	7420731	7450809	1.25	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:23:22	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17942785	18302835	18377423	18207681	1.28	cps
Vanadium	51-2	2061082	2065317	2057390	2061263	0.19	cps
Yttrium	89-1	13552081	12909815	12842145	13101347	2.99	cps
Yttrium	89-2	3380709	3335210	3347616	3354511	0.70	cps
Zinc	66-2	4100866	4085193	4092728	4092929	0.19	cps
Zirconium	90-1	10379198	10353565	10251803	10328189	0.65	cps
Zirconium	91-1	2262250	2276537	2295373	2278053	0.73	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:26:08	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	693	567	726	24.42	cps
Antimony	121-1	3350	2804	2800	2985	10.61	cps
Arsenic	75-2	57	23	20	33	60.84	cps
Barium	135-1	1357	1243	923	1175	19.14	cps
Barium	137-1	2117	2244	1850	2070	9.70	cps
Beryllium	9-1	303	233	237	258	15.32	cps
Bismuth	209-1	8779272	8600601	8679270	8686381	1.03	cps
Bismuth	209-2	7438271	7369529	7401226	7403009	0.46	cps
Bromine	81-1	14344	14447	14454	14415	0.43	cps
Bromine	81-2	230	280	307	272	14.30	cps
Cadmium	108-1	23	23	17	21	18.21	cps
Cadmium	106-1	3287	3084	3324	3232	4.00	cps
Cadmium	111-1	2551	2456	2622	2543	3.28	cps
Calcium	43-1	1833	1677	1373	1628	14.37	cps
Calcium	44-1	30922	30968	25769	29220	10.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1507	1477	1477	1487	1.16	cps
Cobalt	59-2	357	263	223	281	24.34	cps
Copper	63-2	2500	1923	1823	2082	17.54	cps
Dysprosium	156-1	13	10	23	16	44.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	37	60	49	23.94	cps
Erbium	164-2	30	37	27	31	16.37	cps
Gadolinium	160-1	37	30	70	46	47.04	cps
Gadolinium	160-2	483	467	463	471	2.28	cps
Holmium	165-1	14326226	14432102	14210036	14322788	0.78	cps
Holmium	165-2	10101865	10284031	10189421	10191772	0.89	cps
Indium	115-1	11711960	11739050	11796748	11749253	0.37	cps
Indium	115-2	4270072	4237352	4218567	4241997	0.61	cps
Iron	56-2	52244	44693	38847	45261	14.84	cps
Iron	57-2	1667	1493	1417	1526	8.40	cps
Iron	54-2	4311	3654	3327	3764	13.31	cps
Krypton	83-1	193	227	210	210	7.94	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:26:08	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4774	4931	3904	4536	12.20	cps
Lead	207-1	4434	4257	3444	4045	13.06	cps
Lead	208-1	19512	19262	15881	18218	11.13	cps
Lithium	6-1	1812445	1830165	1805384	1815998	0.70	cps
Magnesium	24-2	7062	5198	4451	5570	24.14	cps
Manganese	55-2	1567	1217	893	1226	27.48	cps
Molybdenum	94-1	3994	4171	3364	3843	11.04	cps
Molybdenum	95-1	5524	5688	4334	5182	14.26	cps
Molybdenum	96-1	6241	5935	4911	5696	12.23	cps
Molybdenum	97-1	3390	3340	2944	3225	7.59	cps
Molybdenum	98-1	9123	8793	6945	8287	14.16	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	357	373	380	370	3.25	cps
Phosphorus	31-2	197	143	143	161	19.11	cps
Potassium	39-2	52744	53149	52115	52670	0.99	cps
Rhodium	103-1	10601443	10617462	10632586	10617164	0.15	cps
Rhodium	103-2	6567129	6477158	6456472	6500253	0.91	cps
Scandium	45-1	6231269	6148572	6337187	6239009	1.52	cps
Scandium	45-2	524125	527383	533617	528375	0.91	cps
Selenium	82-1	114	86	107	102	14.49	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	427	443	463	444	4.13	cps
Silicon	28-1	594367	598907	597351	596875	0.39	cps
Silver	107-1	2180	1940	1587	1902	15.69	cps
Silver	109-1	2020	1783	1537	1780	13.58	cps
Sodium	23-2	40339	39023	36817	38726	4.60	cps
Strontium	86-1	683	643	647	658	3.37	cps
Strontium	88-1	3097	2844	2560	2834	9.48	cps
Sulfur	34-1	175239	178766	178317	177441	1.08	cps
Terbium	159-1	14820648	14766552	14649684	14745628	0.59	cps
Terbium	159-2	10029115	10153681	10243079	10141958	1.06	cps
Thallium	203-1	1923	1803	1350	1692	17.87	cps
Thallium	205-1	5008	4231	3727	4322	14.93	cps
Tin	118-1	2547	2424	2277	2416	5.60	cps
Titanium	47-1	1257	1283	1020	1187	12.22	cps

Reviewed By:Mohan
On:12/25/2024 3:49:22 AM
Inst Id :P7

LB Number :	LB134068	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-12-23 14:26:08	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2827	2734	2064	2541	16.39	cps
Vanadium	51-2	117	117	77	103	22.35	cps
Yttrium	89-1	13555129	13743874	13643355	13647453	0.69	cps
Yttrium	89-2	3584826	3504702	3548032	3545853	1.13	cps
Zinc	66-2	513	517	423	484	10.93	cps
Zirconium	90-1	2597	2650	2274	2507	8.13	cps
Zirconium	91-1	573	623	507	568	10.31	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P5248

Test : Metals CLP4 MS

Prepbatch ID : PB165675,

Sequence ID/Qc Batch ID: LB134060,LB134068,

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,M6125,M6126,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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 /jaswal	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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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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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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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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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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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.	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 /Janvi	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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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	05/25/2025	11/26/2024 / Eman	11/22/2024 / Eman	M6125

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	V2-MEB742036
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	100.0 ± 0.7 µg/mL	Arsenic, As	40.00 ± 0.26 µg/mL
Cadmium, Cd	50.00 ± 0.22 µg/mL	Lead, Pb	20.00 ± 0.09 µg/mL
Selenium, Se	10.00 ± 0.04 µg/mL	Thallium, Tl	50.00 ± 0.22 µg/mL

Density: 1.016 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	100818
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

March 12, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- March 12, 2029

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Joseph Burns
Custom VS Manager



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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Certified Reference Material CRM

M6028

R 8/5/24

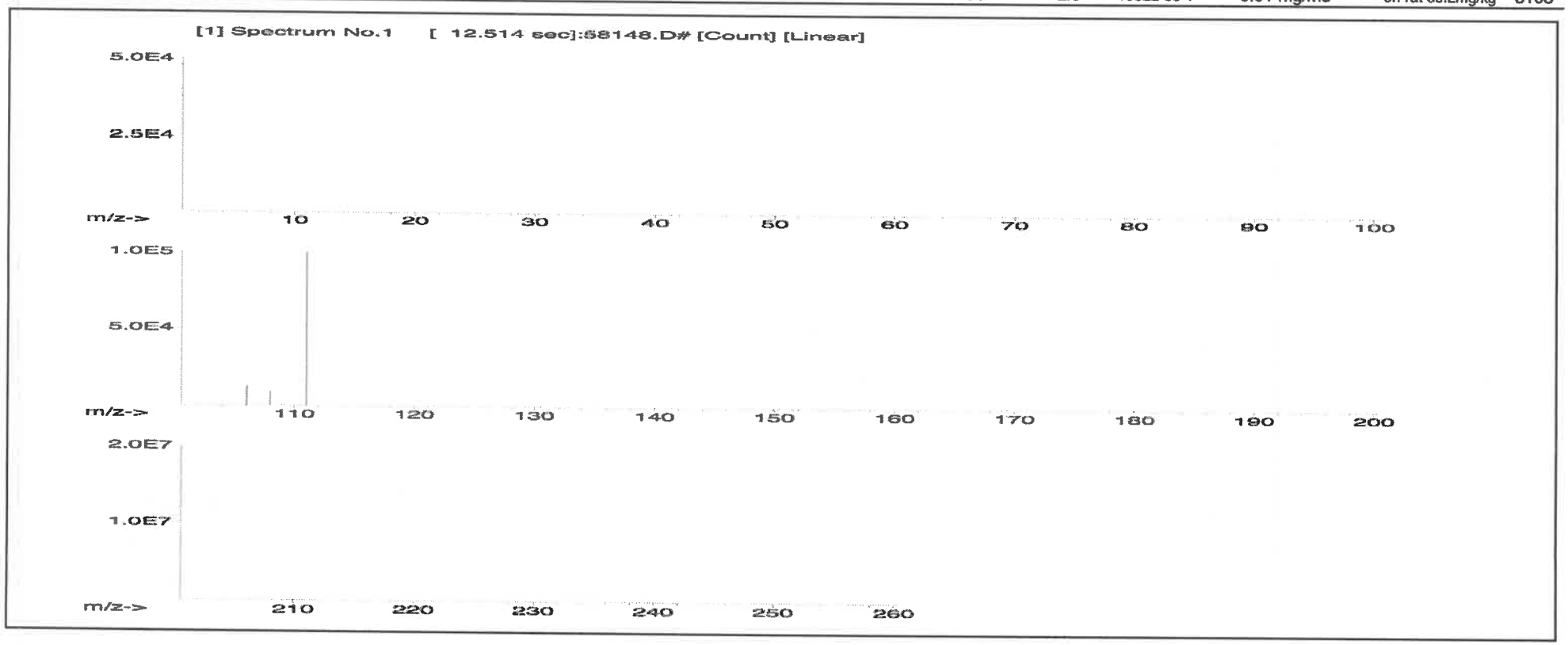
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CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady		
Formulated By:	Aleah O'Brady	070124
Pedro Rentas		
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24 M6025

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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

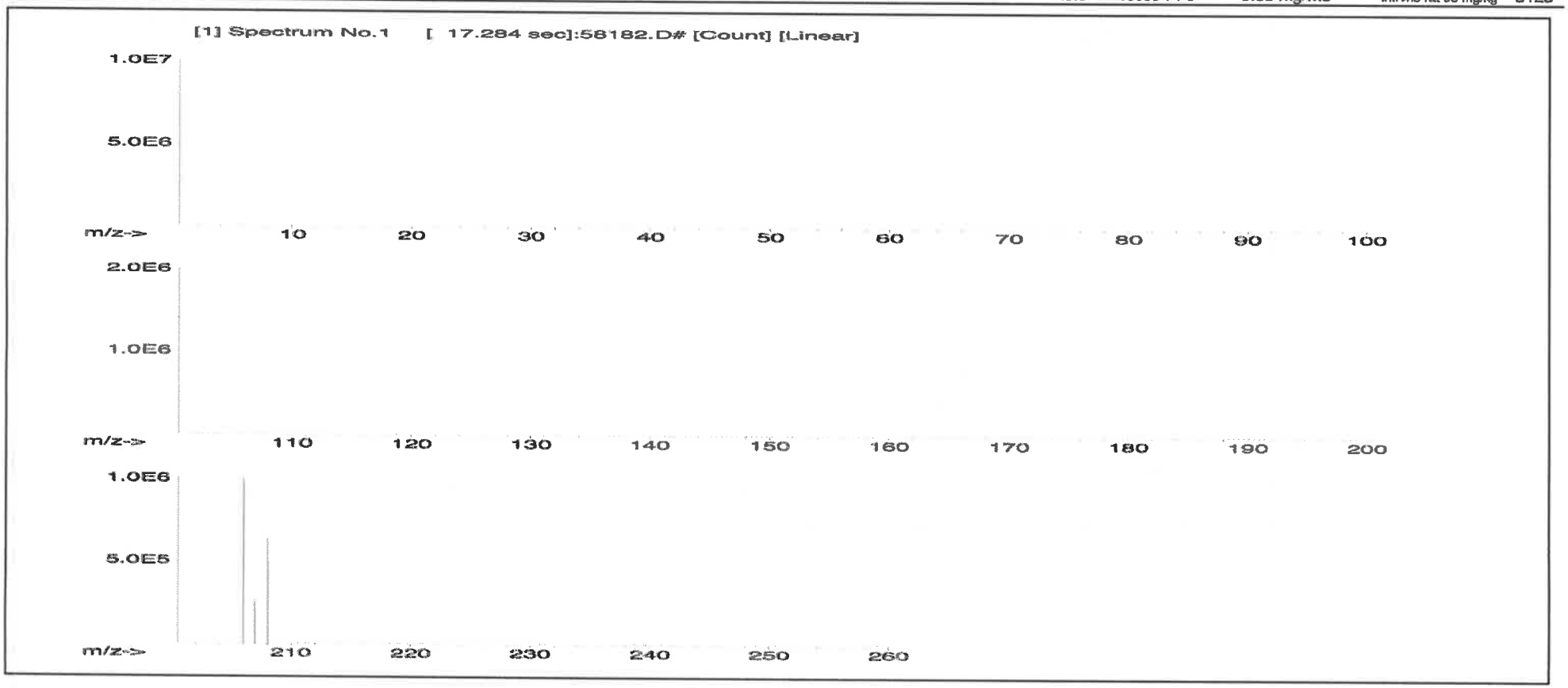
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5288 R: 07/21/2022

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

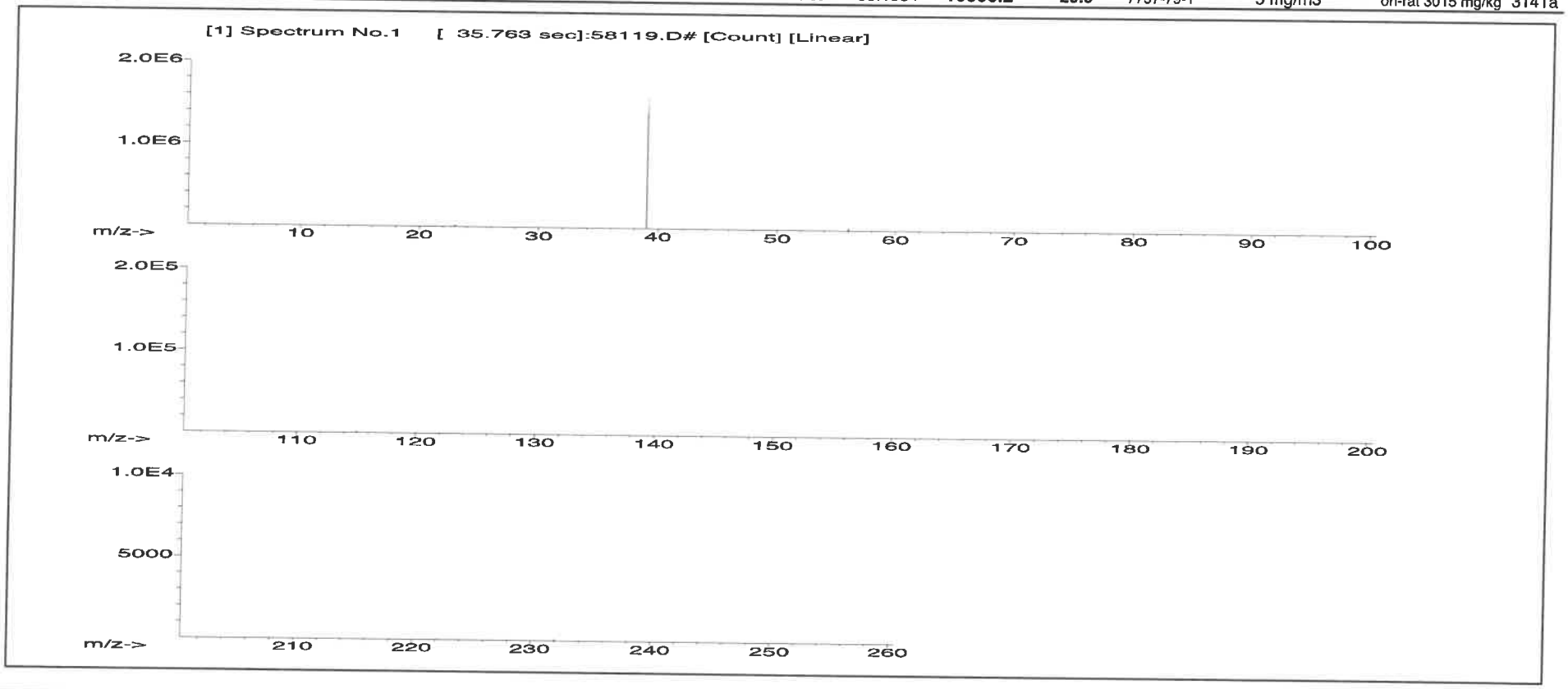
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	071122
Reviewed By:	Pedro L. Rentas	071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

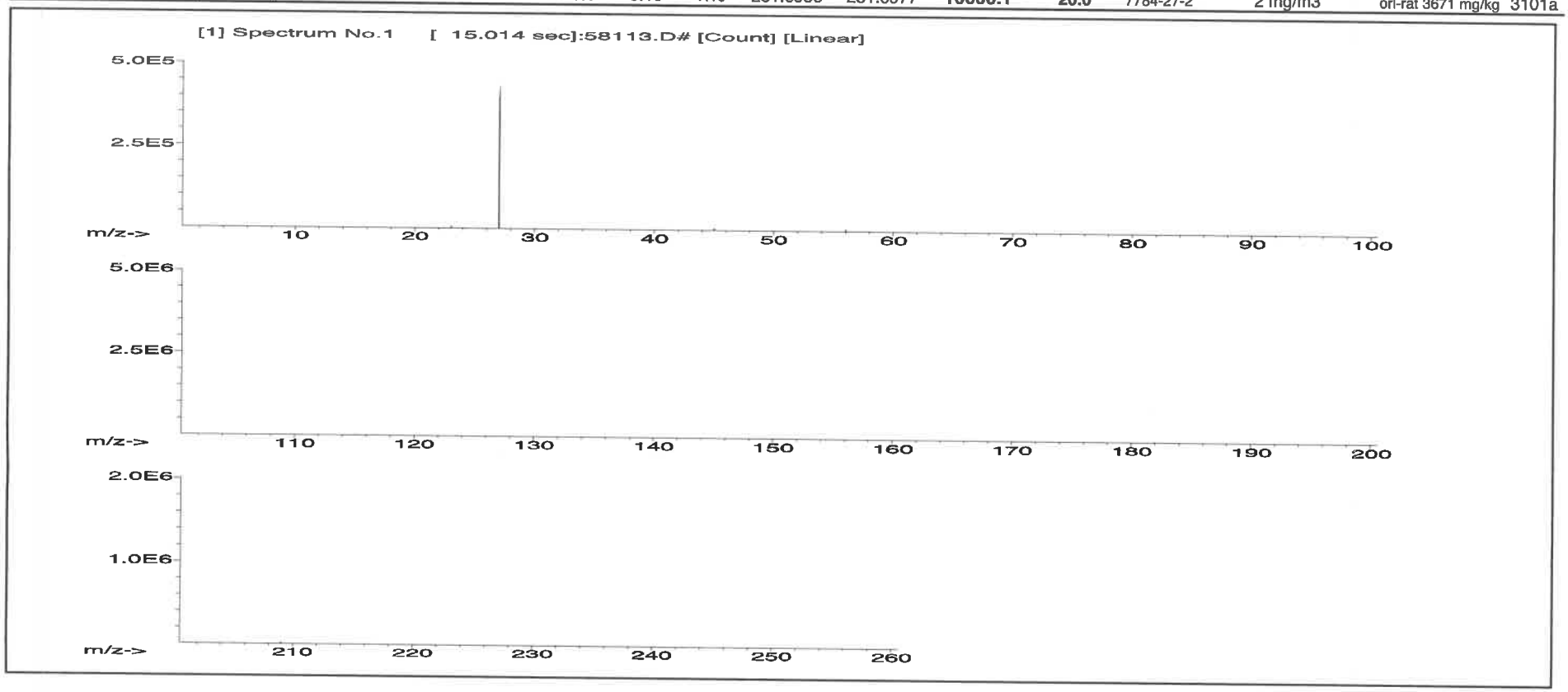
Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

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

	Lot #		
Solvent:	20370011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

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.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver, Aluminum,
Arsenic, Barium,
Beryllium, Calcium,
Cadmium, Cobalt,
Chromium, Copper,
Iron, Potassium,
Magnesium, Manganese,
Sodium, Nickel,
Lead, Antimony,
Selenium, Thallium,
Vanadium, Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

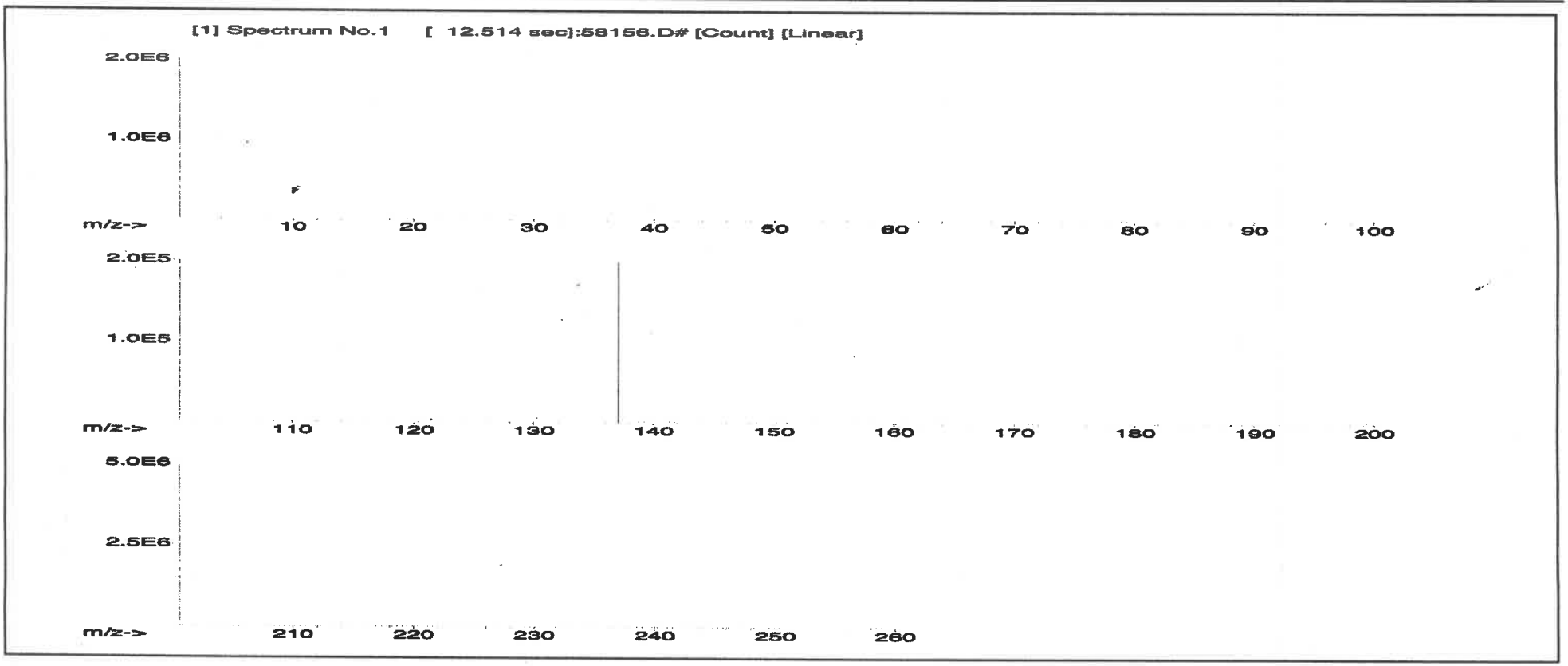
CERTIFIED WEIGHT REPORT:

Part Number:	**57056**		**Lot #**		
Lot Number:	**072122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	072125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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www.absolutestandards.com

Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

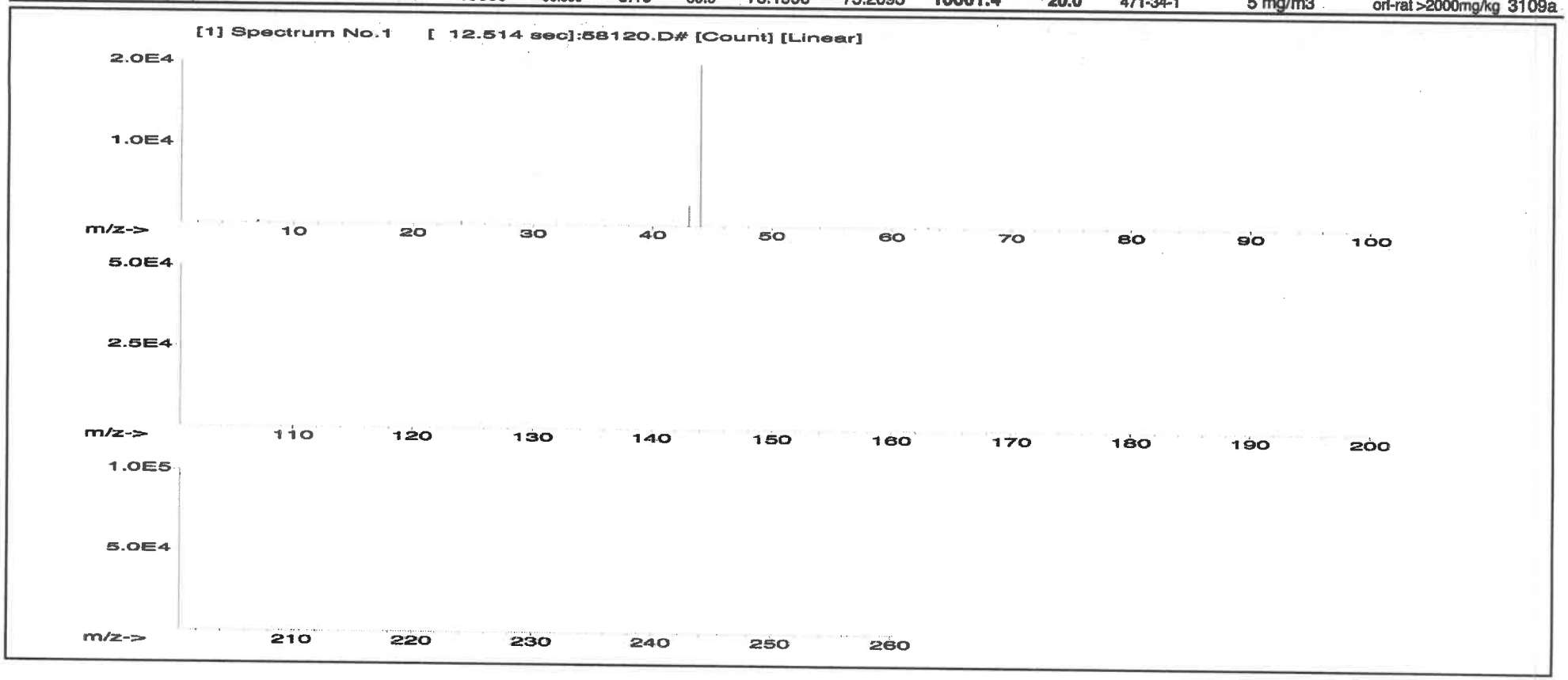
		Lot #	
Solvent:	21110221		Nitric Acid
	2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* 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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M 5513 R: 03/17/23

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

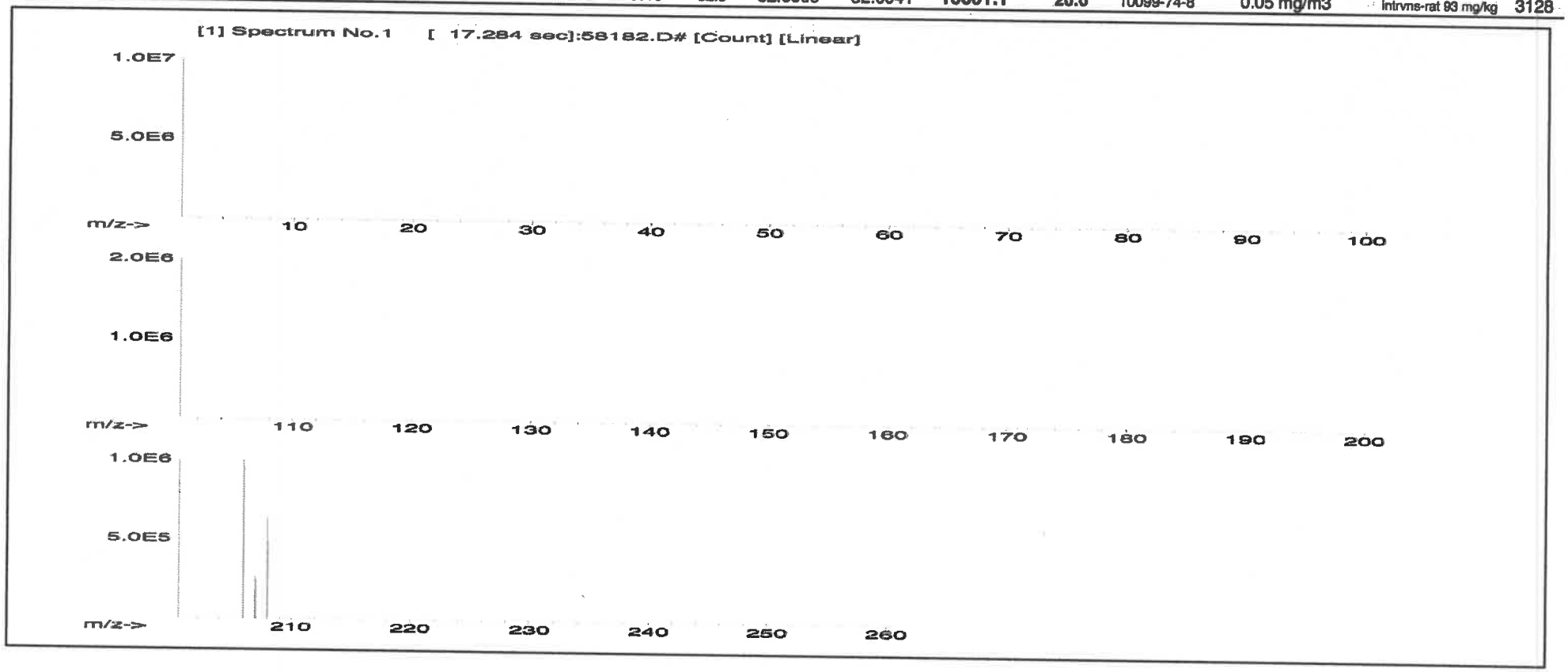
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



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).

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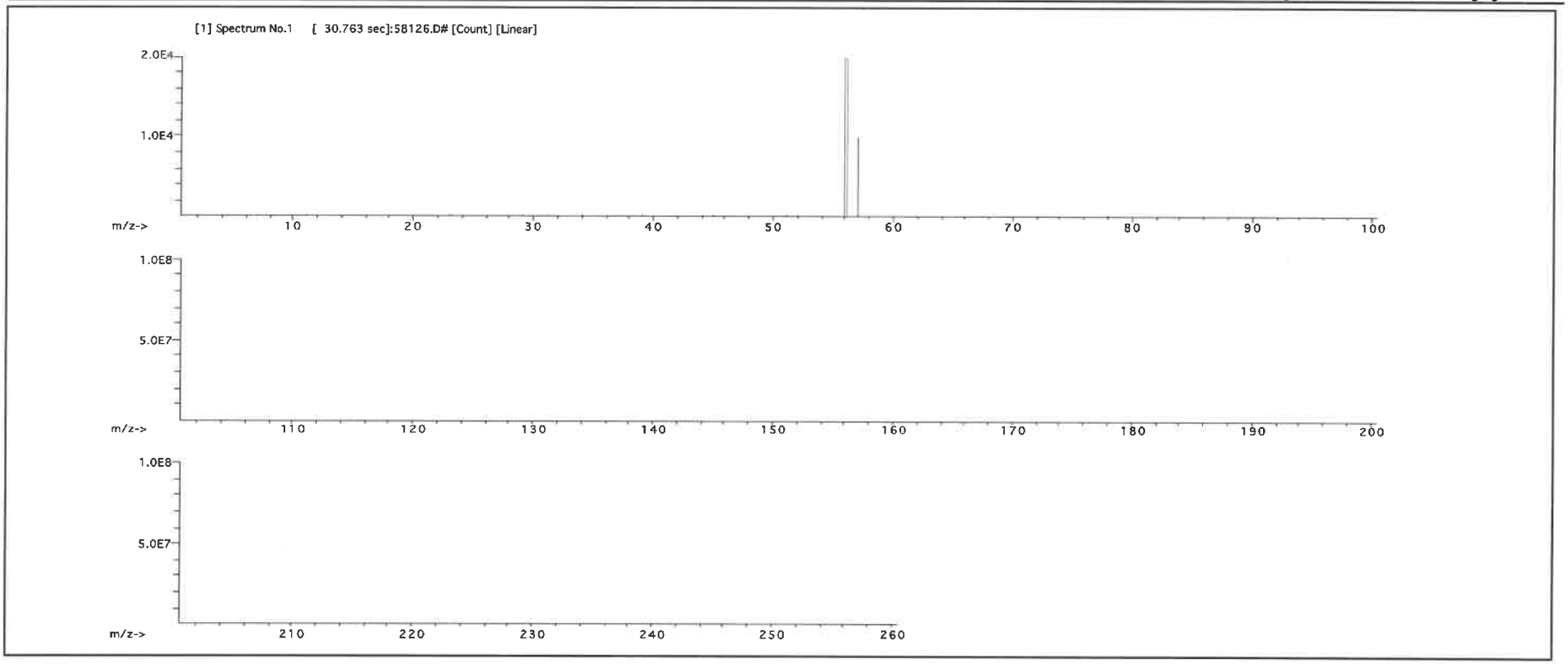
CERTIFIED WEIGHT REPORT:

Part Number:	**58126**		**Lot #**		
Lot Number:	**092122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Iron (Fe)**	7.0%	350.0 (mL)	Nitric Acid	
Expiration Date:	092125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	5000.1	0.12	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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M546 M517 R: 03/17/22 BH

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CERTIFIED WEIGHT REPORT:

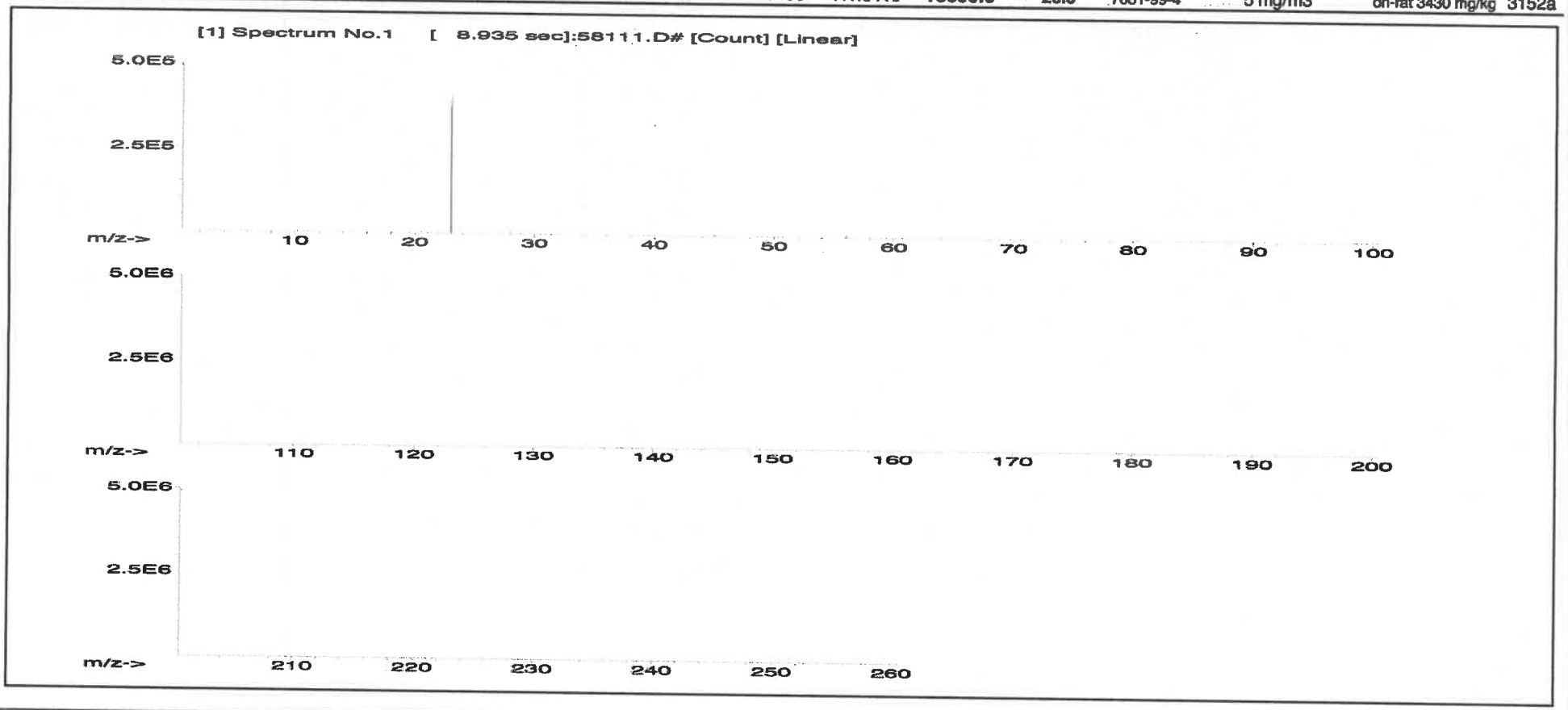
Part Number: 58111
Lot Number: 022123
Description: Sodium (Na)

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 #		Balance Uncertainty
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	5E-05

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.



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M5519. M5520 (BH) R:03/17/23

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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

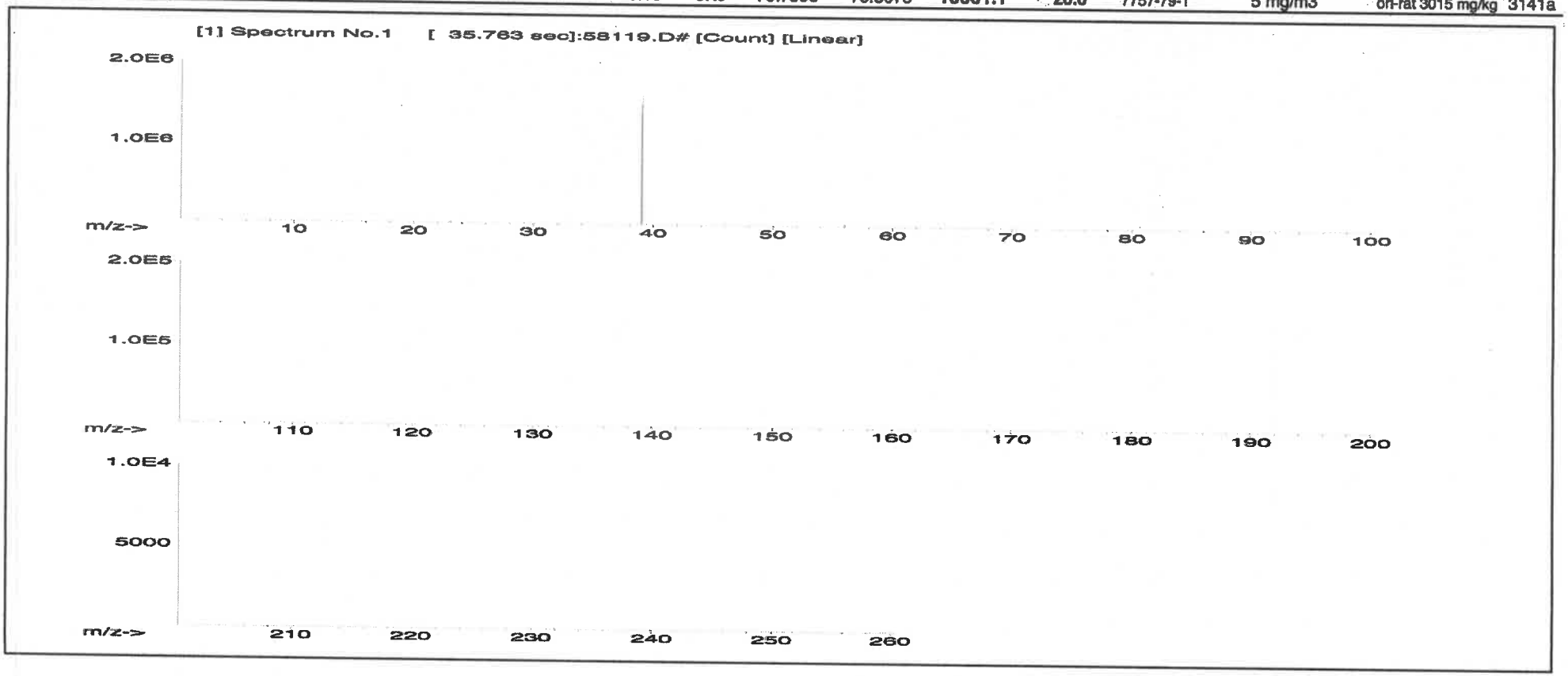
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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M5658 R! 8/25/23

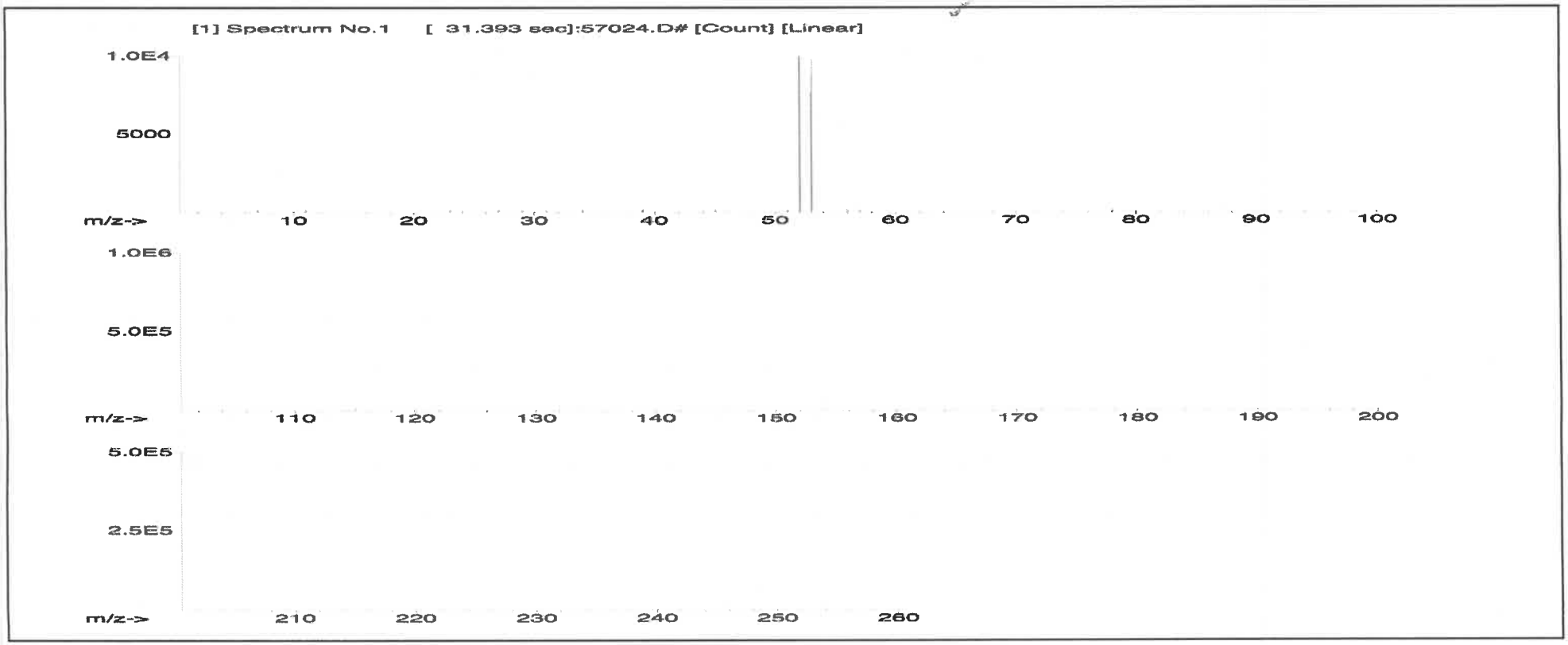
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CERTIFIED WEIGHT REPORT:

		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.

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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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M5648 R: 10/27/23

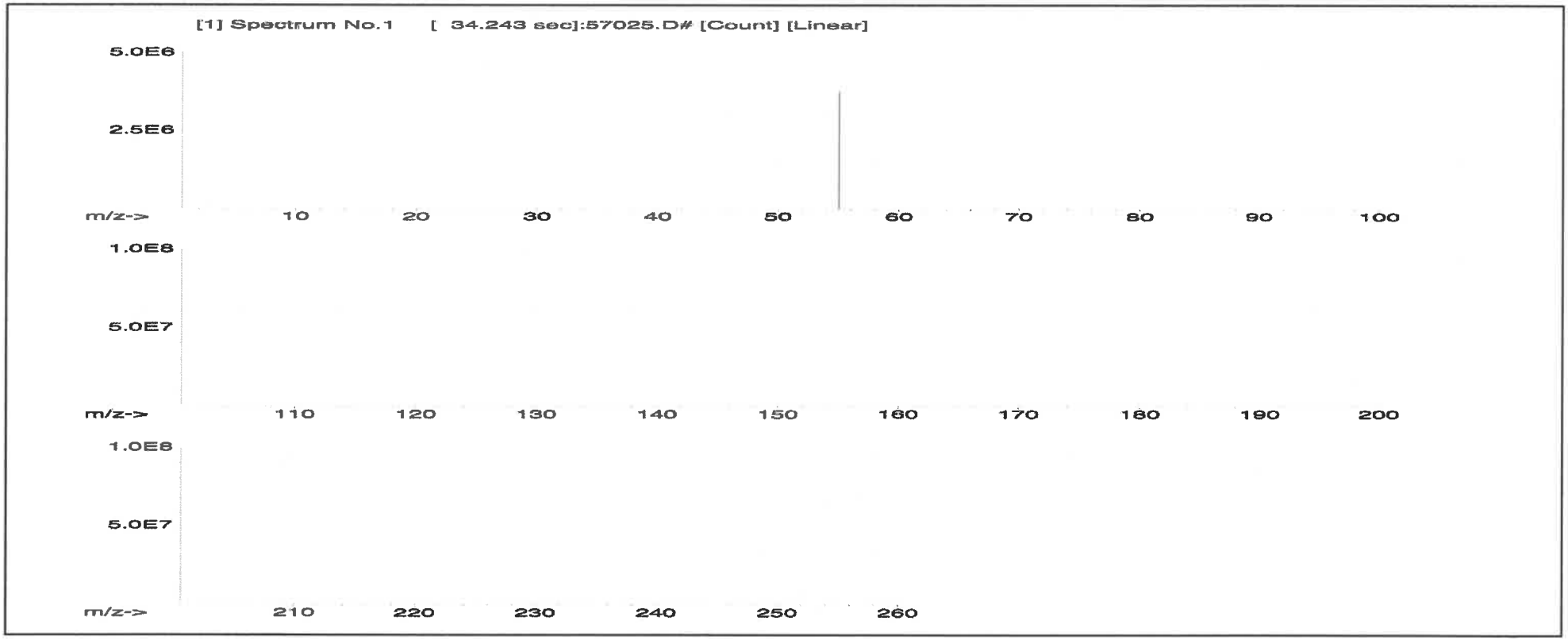
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/25/23 M5751

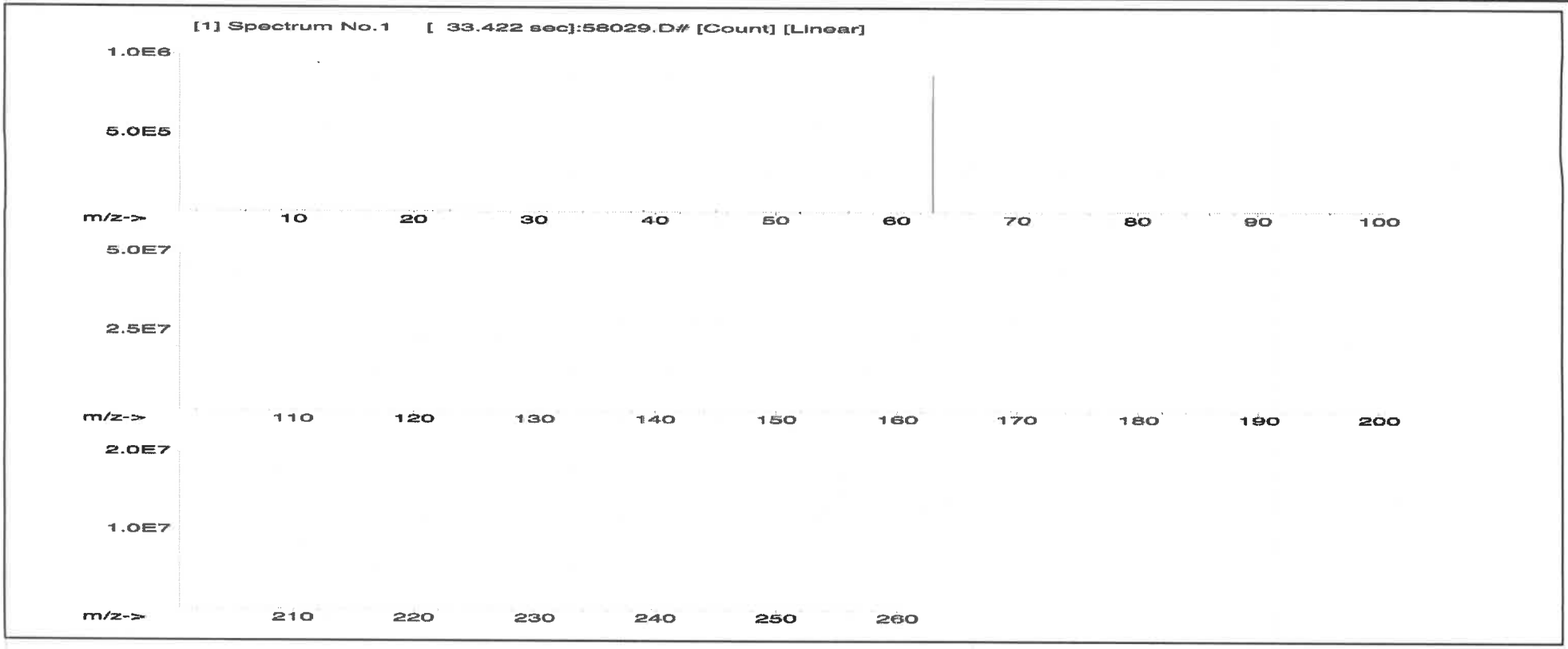
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

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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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

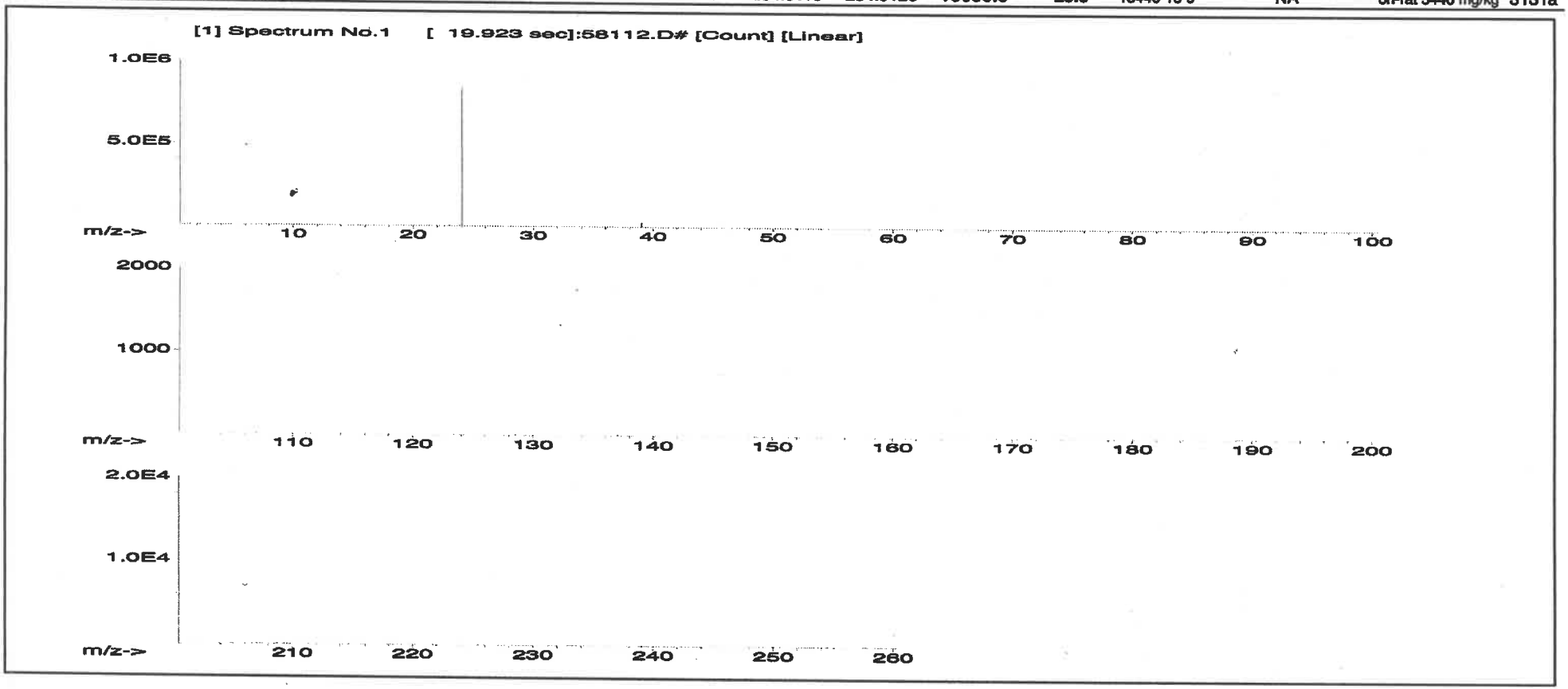
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By:	Lawrence Barry	091823
Reviewed By:	Pedro L. Rentas	091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

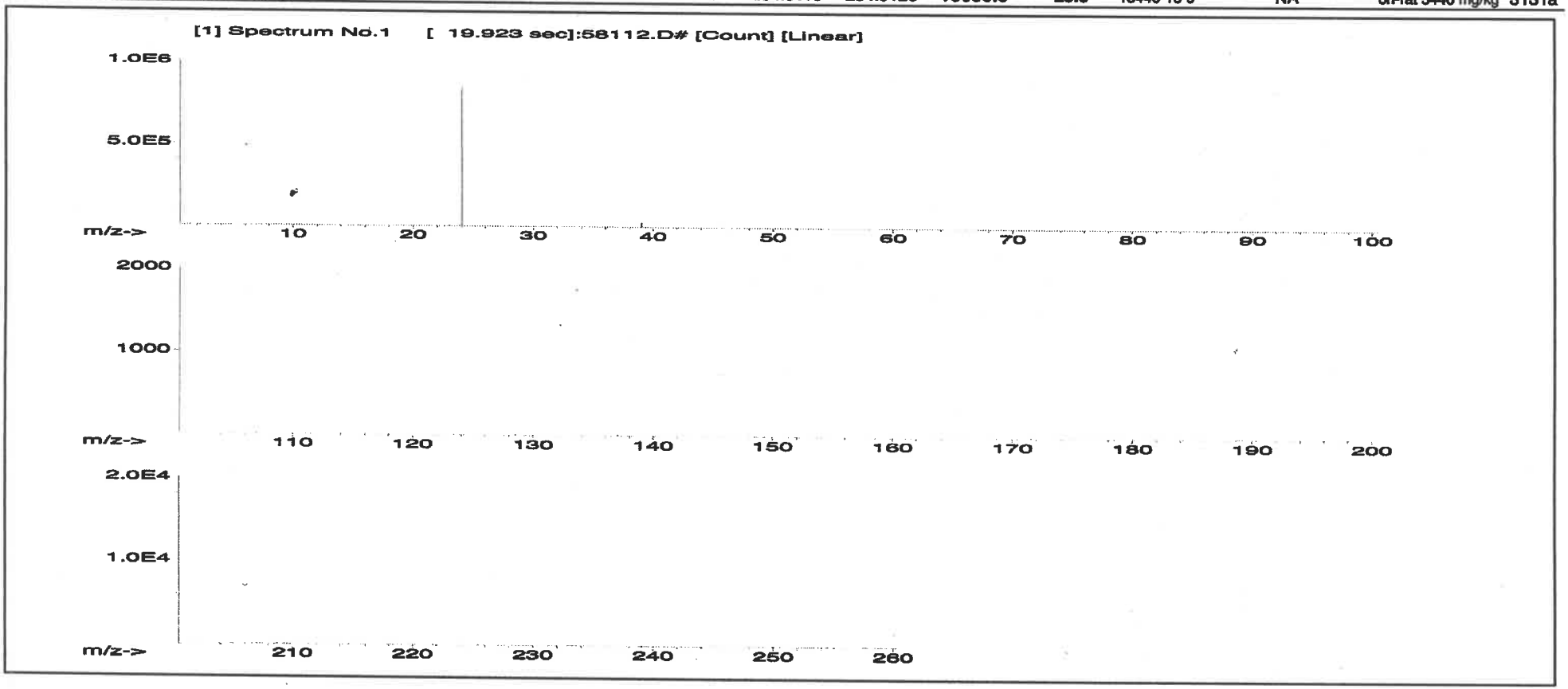
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By:	Lawrence Barry	091823
Reviewed By:	Pedro L. Rentas	091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R: 02/09/24 M5798

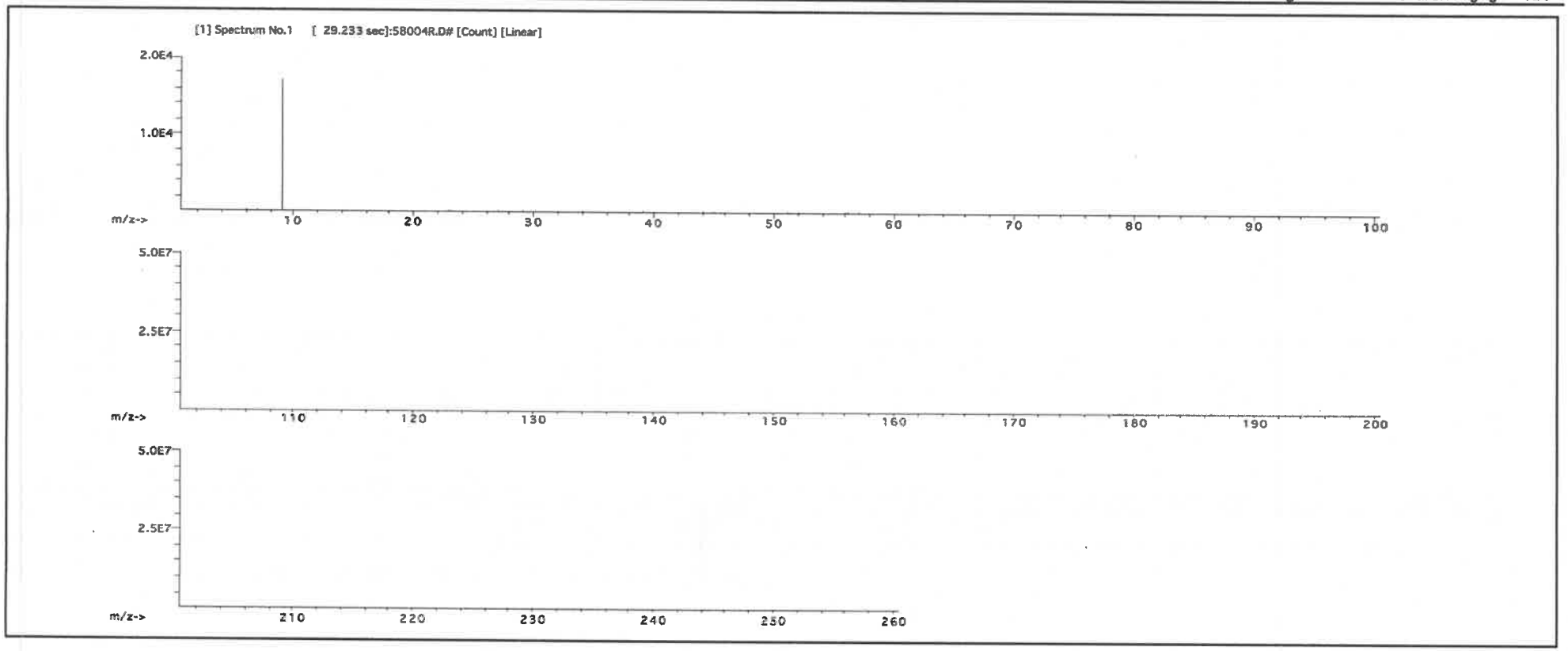
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CERTIFIED WEIGHT REPORT:

		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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R? 02/09/24 IV15799

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

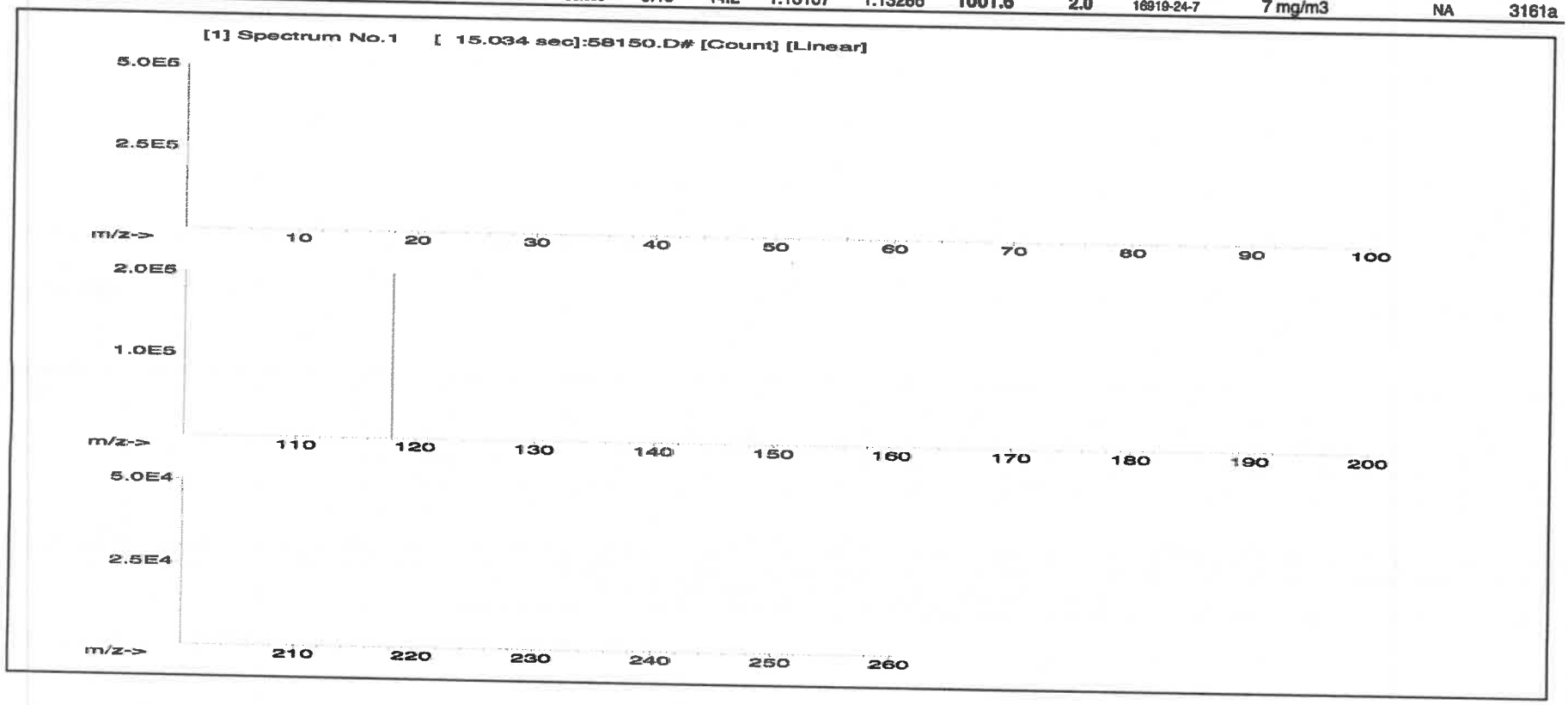
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



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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R: 02/09/24 IM5800 BH

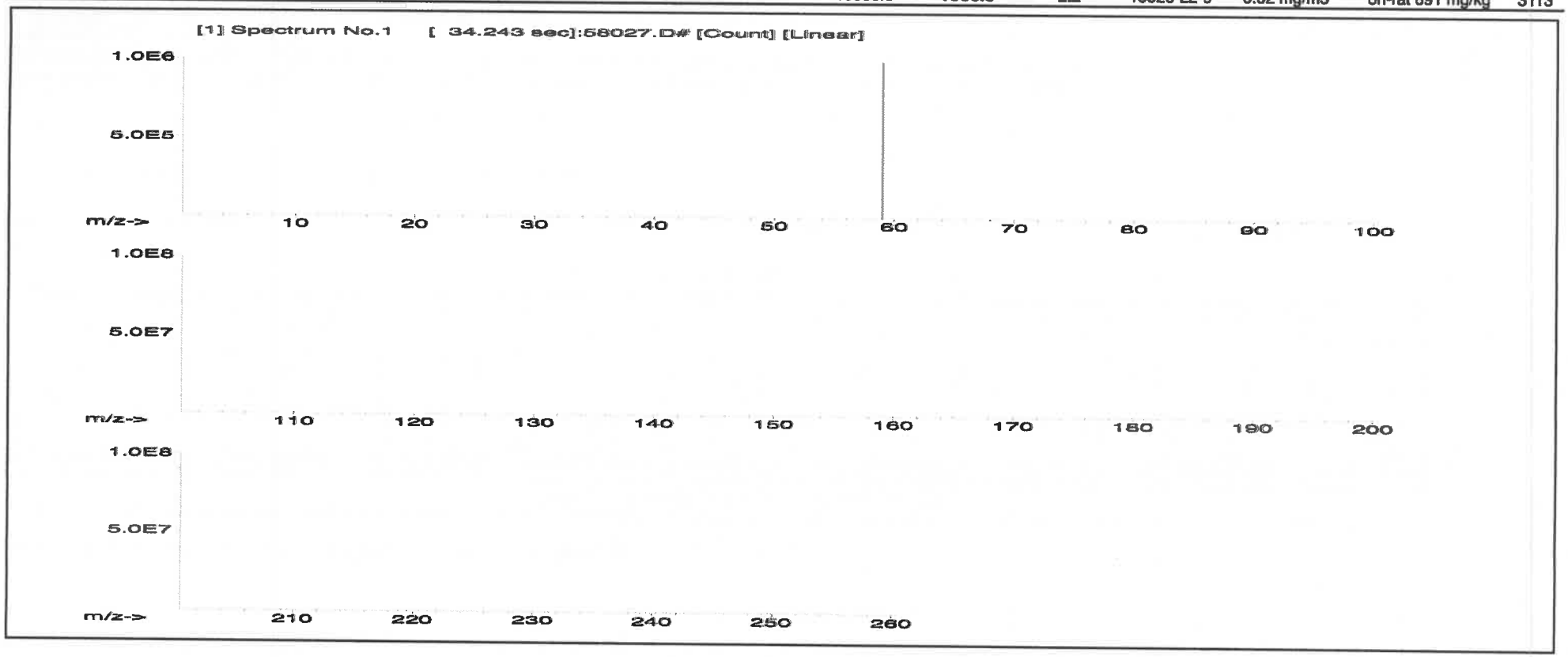
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CERTIFIED WEIGHT REPORT:

		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



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.

* 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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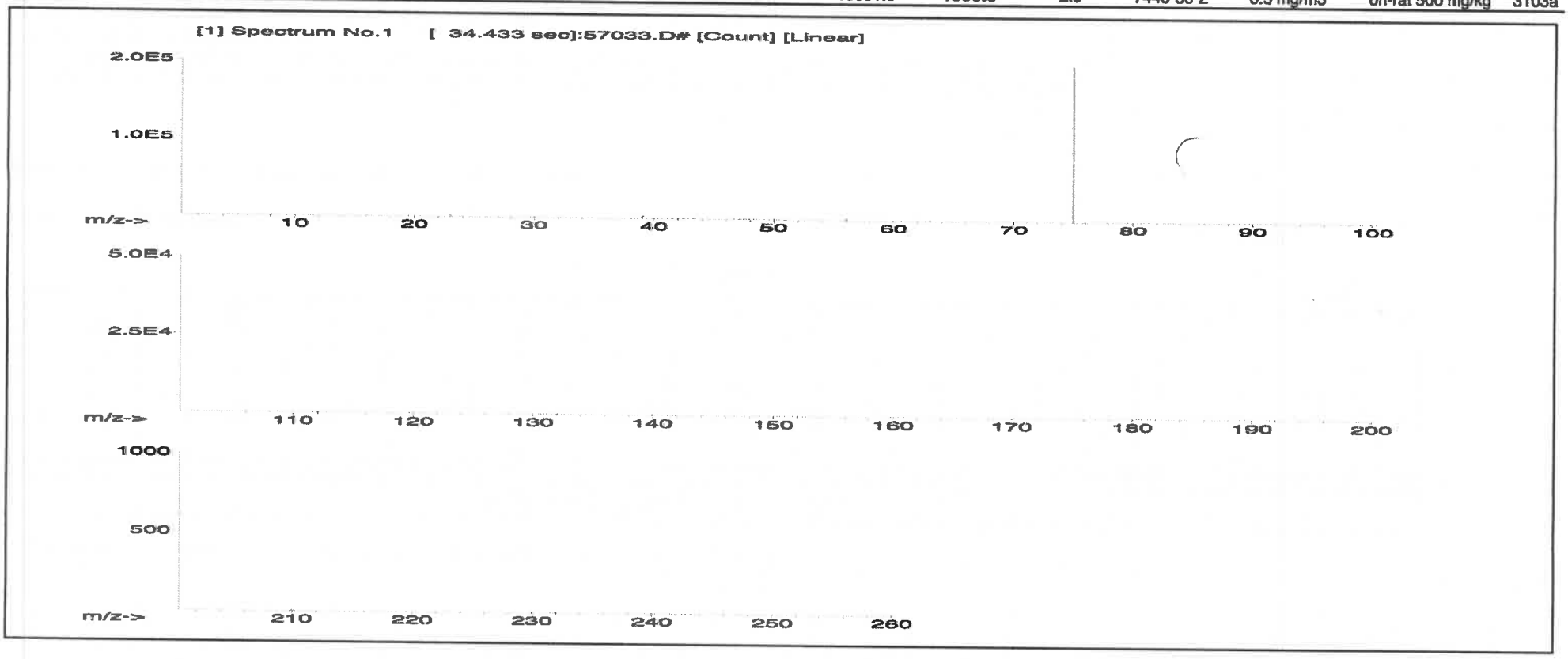
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



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.

* 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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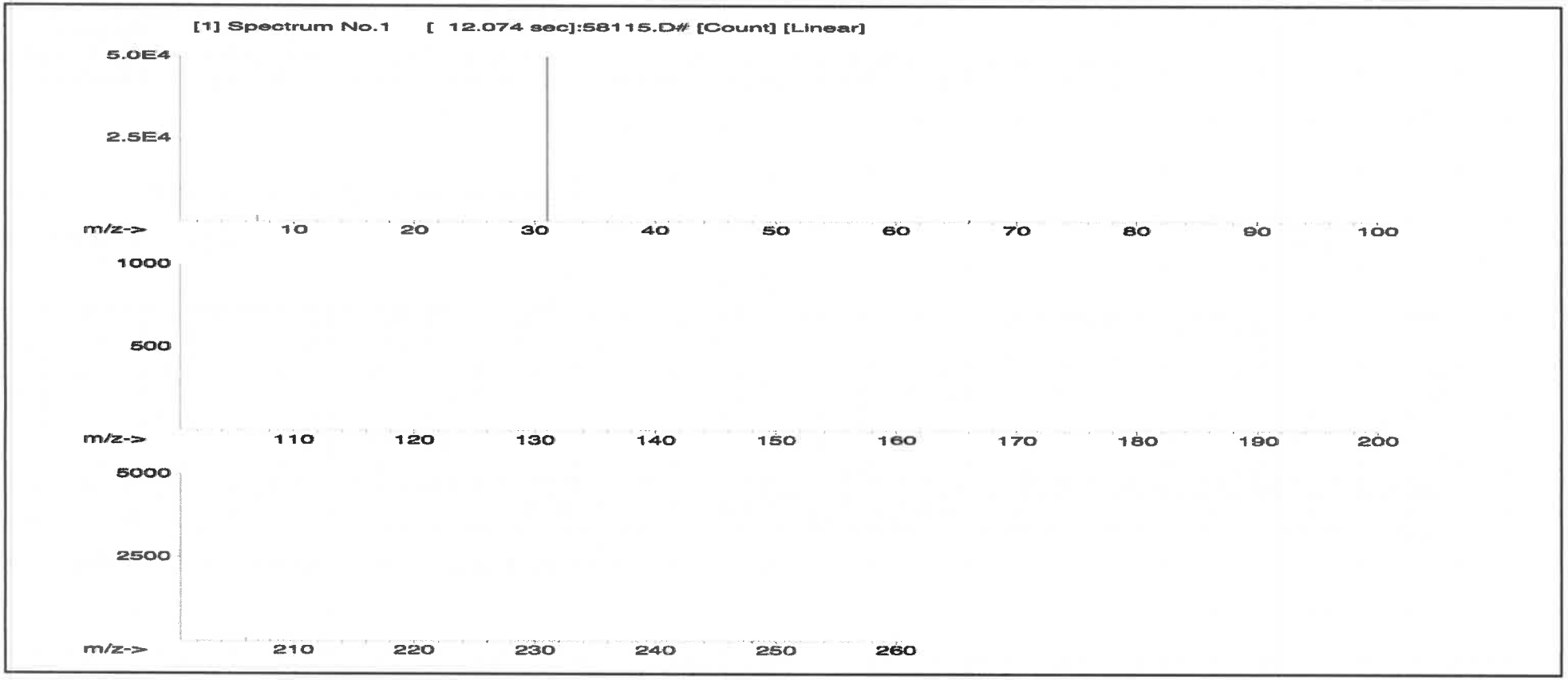
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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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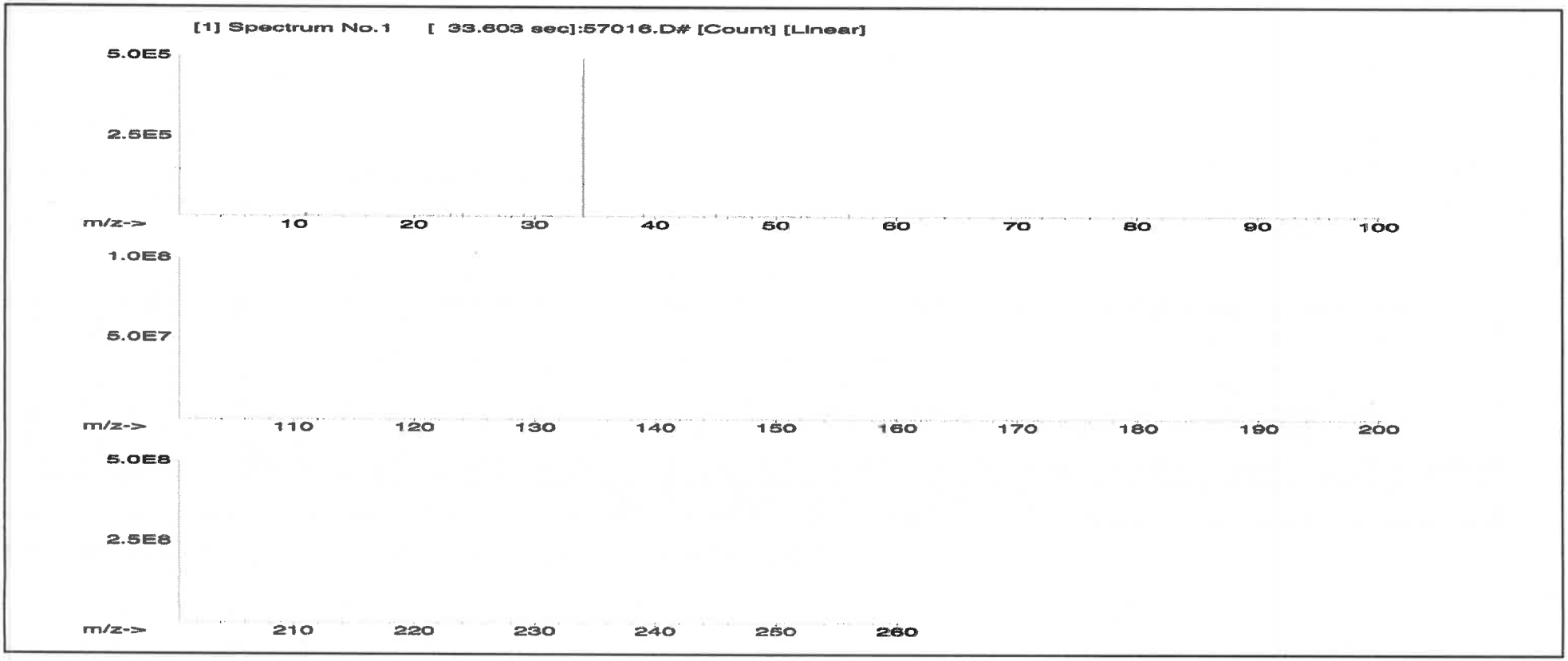
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CERTIFIED WEIGHT REPORT:

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



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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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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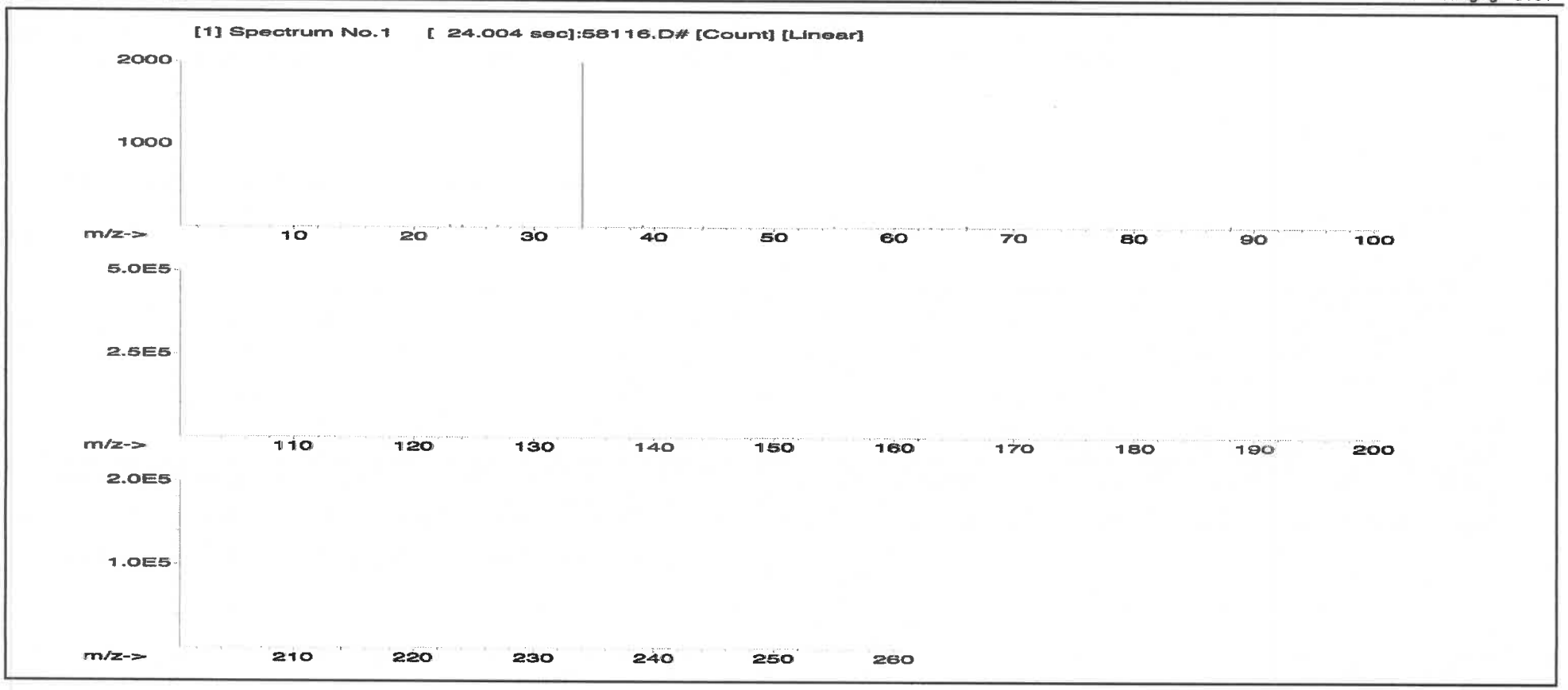
CERTIFIED WEIGHT REPORT:

Part Number:	**57116**			
Lot Number:	**071123**	**Solvent:**	071123	ASTM Type 1 Water
Description:	**Sulfur (S)**			
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	

Lot #

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



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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* 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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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

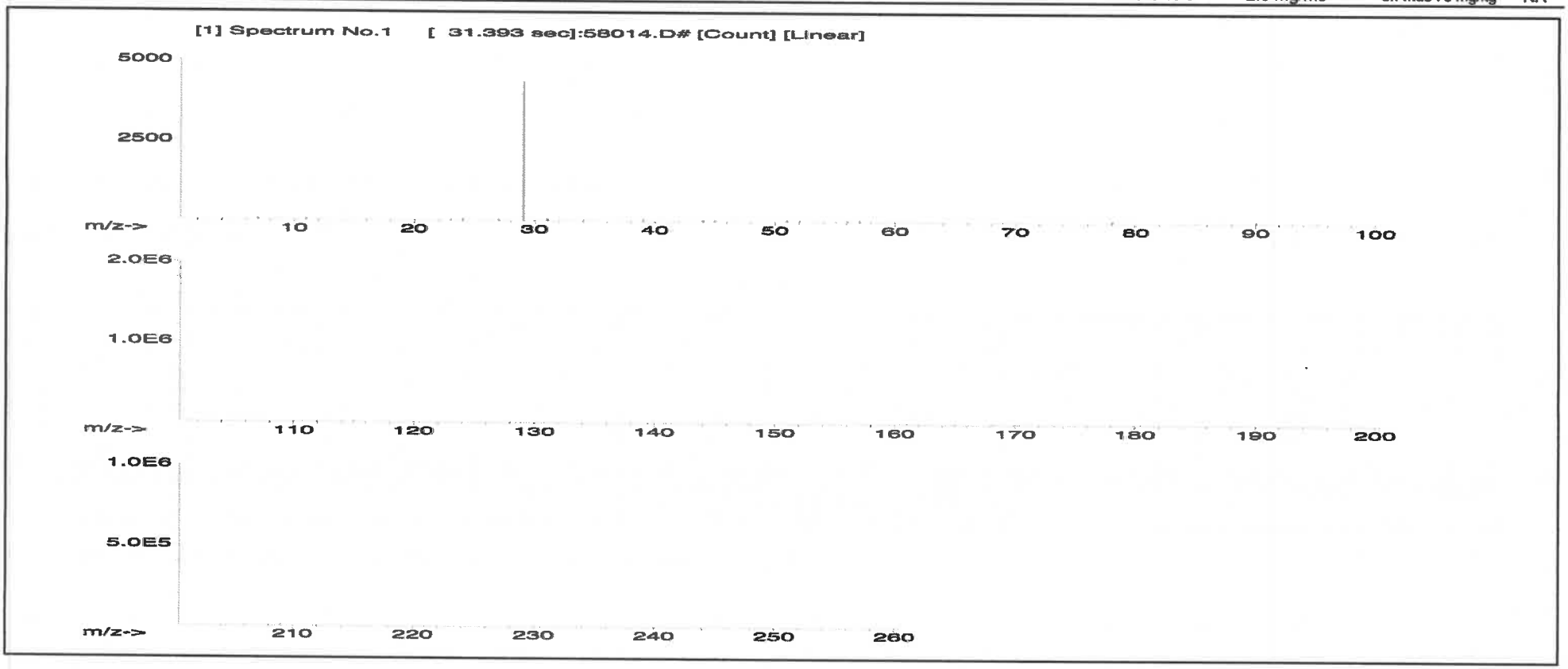
Aleah O'Brady

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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R: 02/09/24 M5819

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

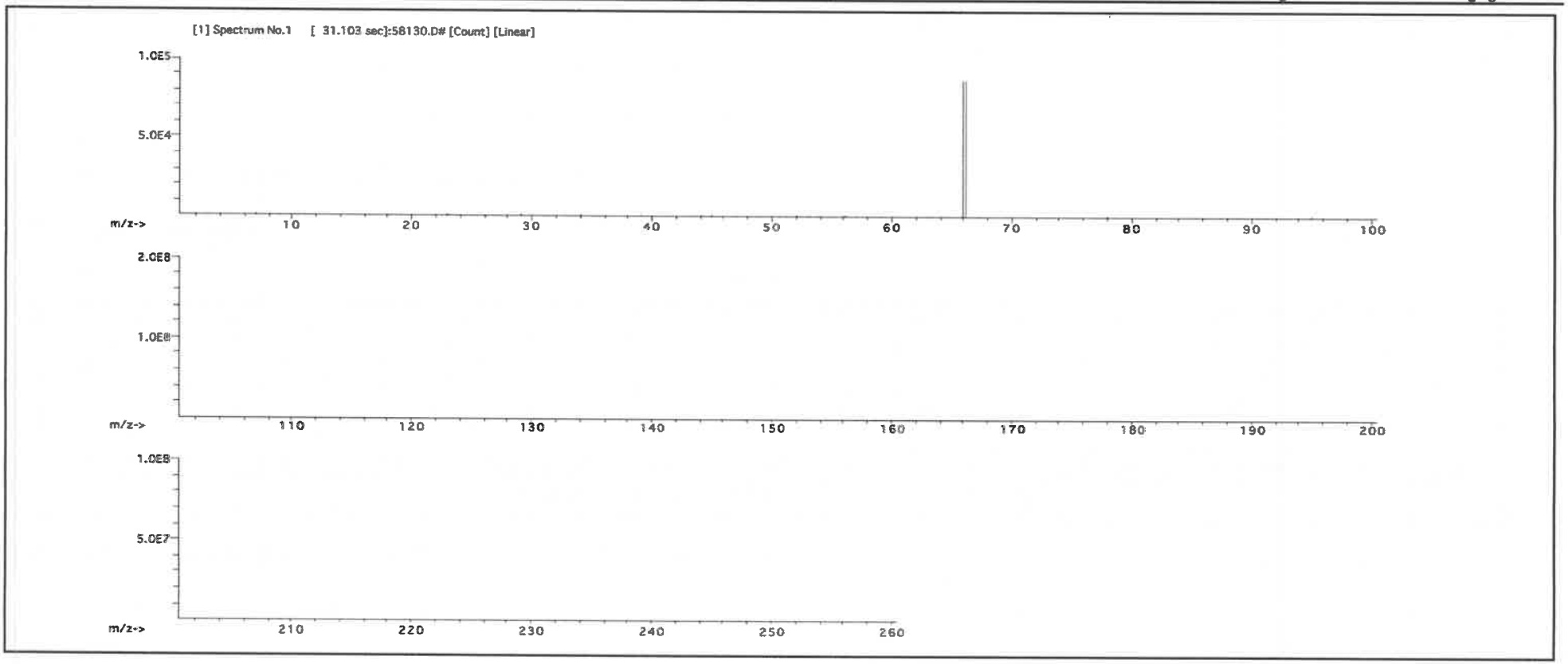
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
2%	60.0 (mL)	Nitric Acid		
			5E-05	Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 02/09/24 M5820

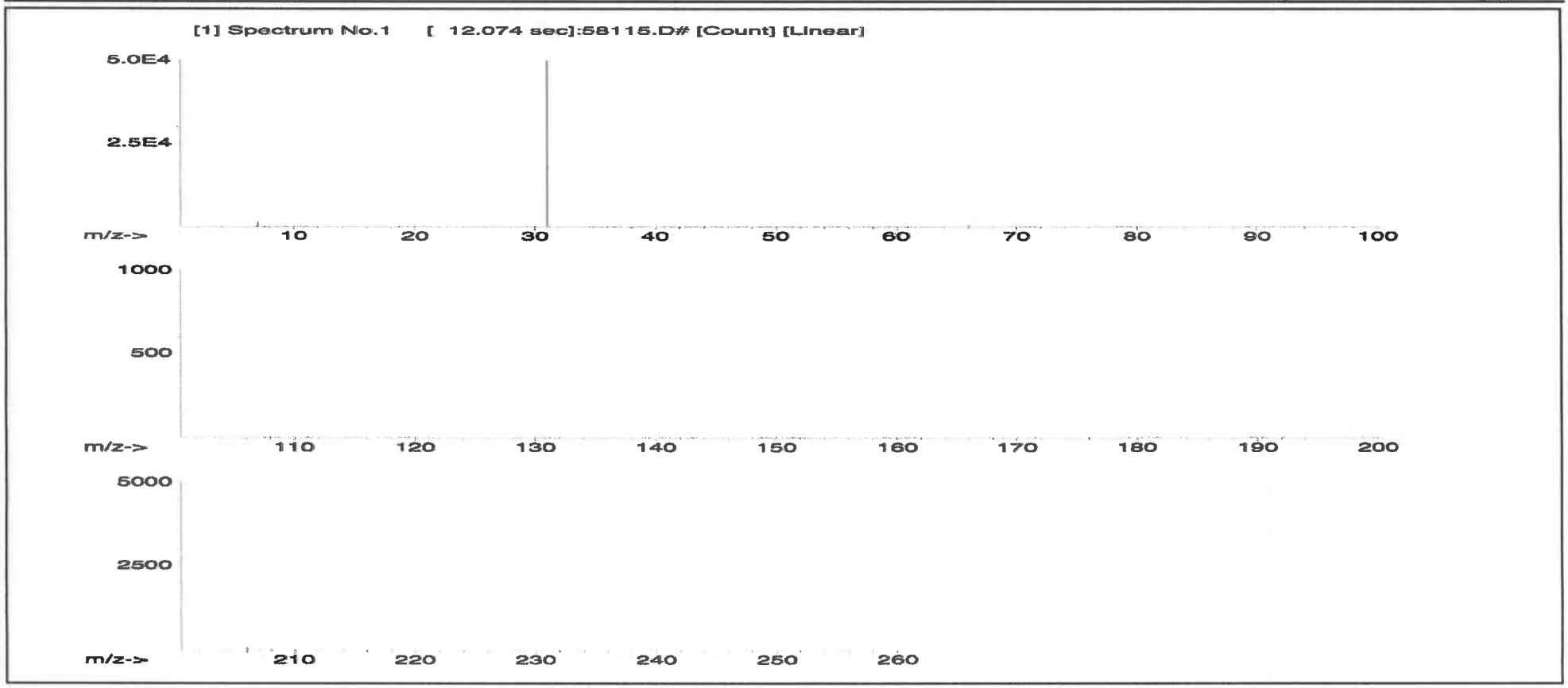
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CERTIFIED WEIGHT REPORT:

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5961 R: 6/11/24

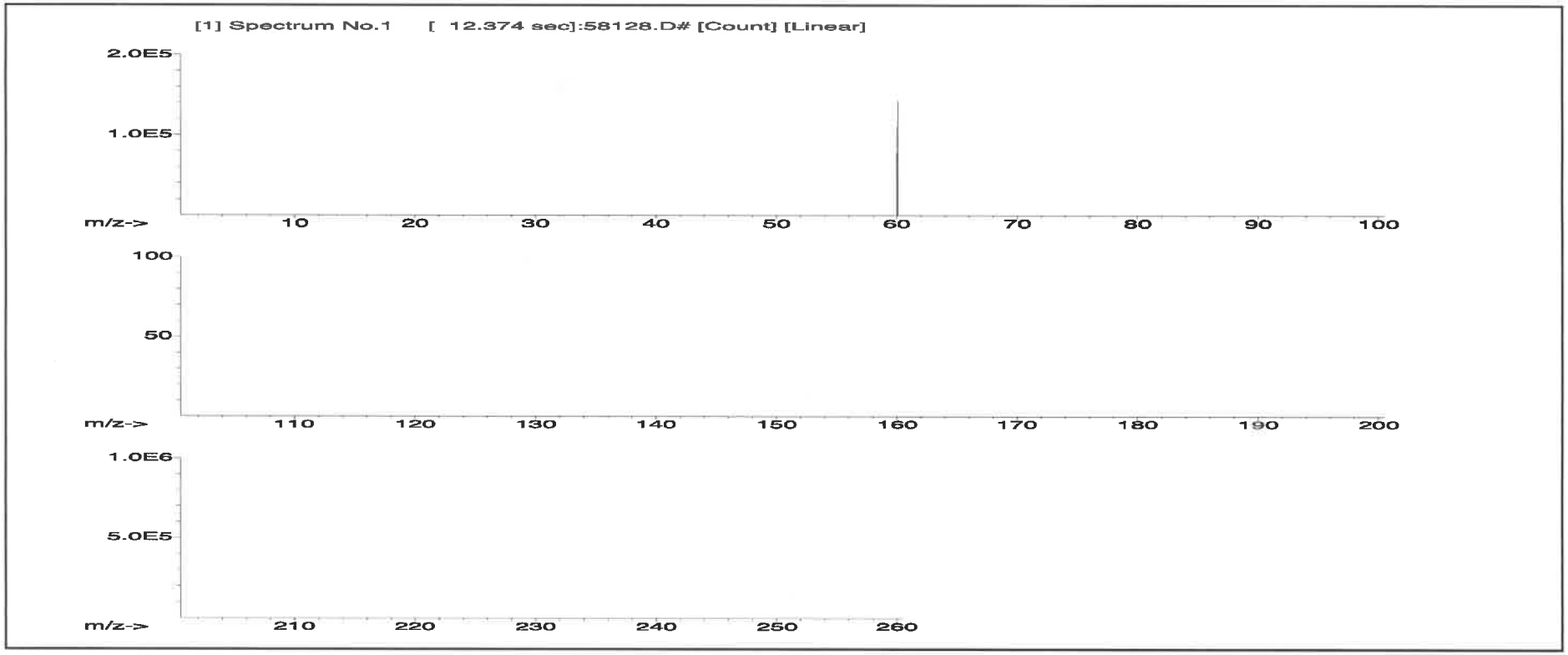
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5962 R! 06/14/24.

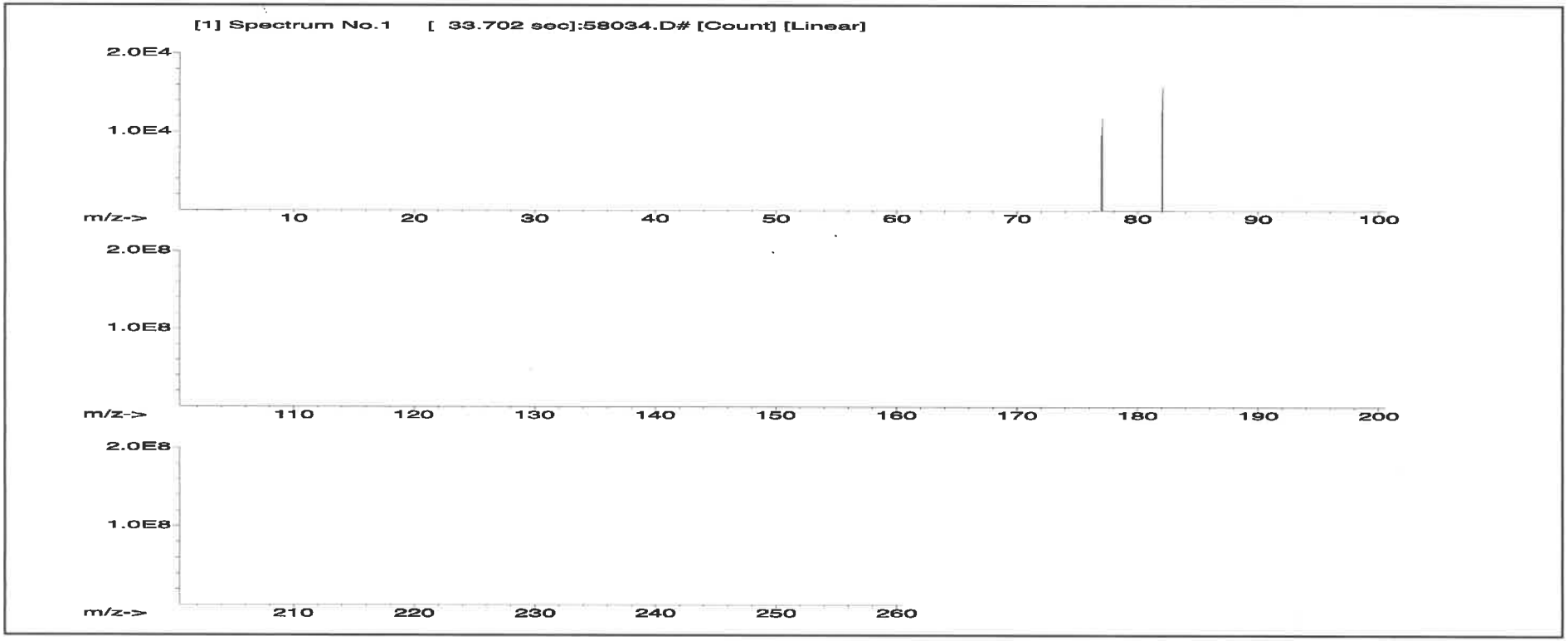
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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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M5976, M5977
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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



M5978, M5979

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Certificate of Analysis

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(\bar{x}_i)$

$\bar{x}_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\,(u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (\bar{x}_a)\ (u_{char\ a})$

$\bar{x}_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57092**	24002546	Nitric Acid	
Lot Number:	**060724**			
Description:	**Uranium (U)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

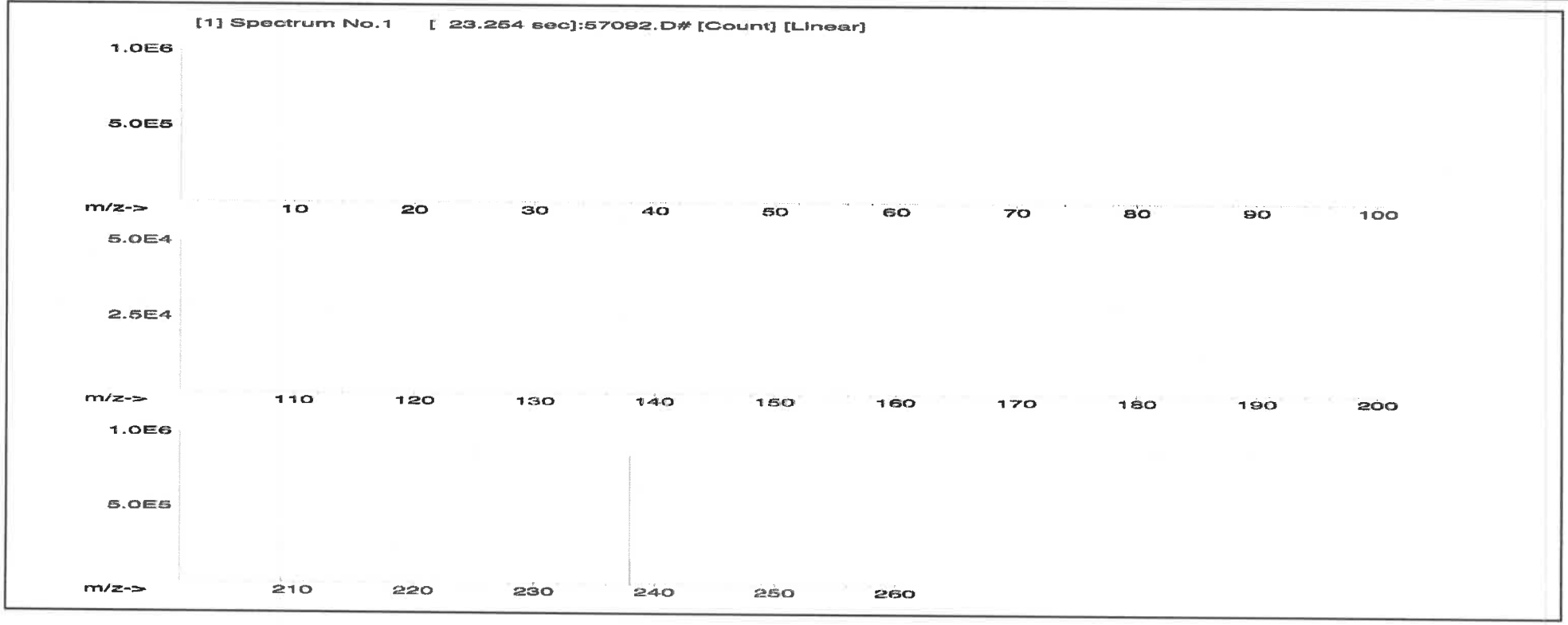
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

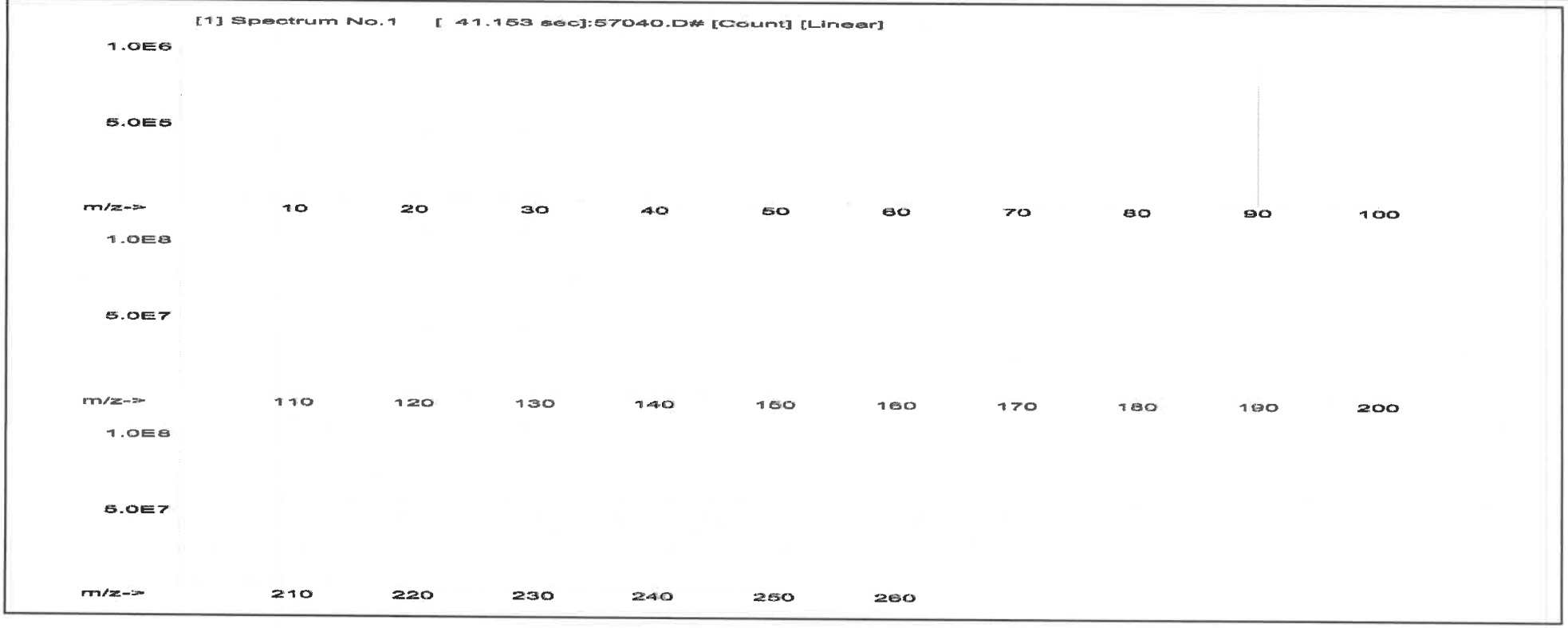
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



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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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt, 250 µg/mL ea: Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

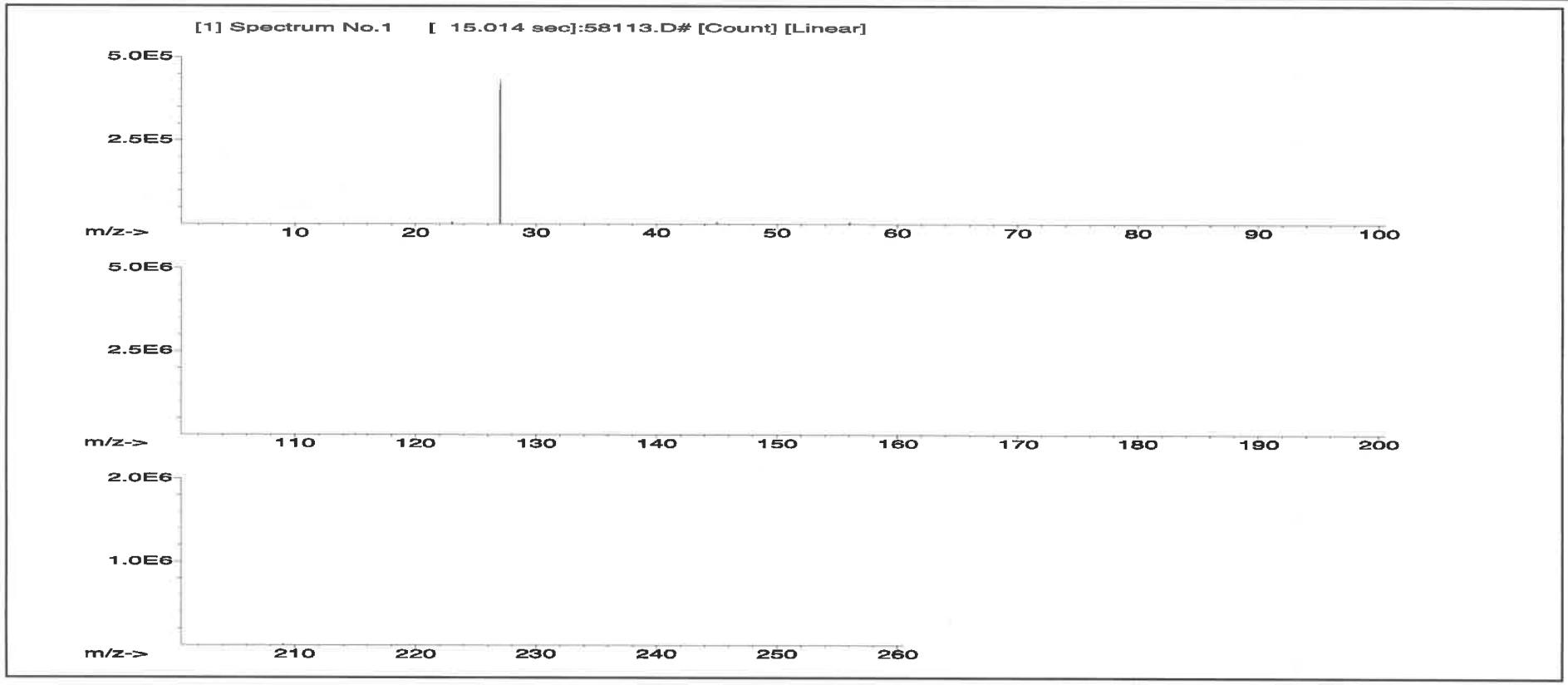
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05 Balance Uncertainty			
Weight shown below was diluted to (mL):	2000.02	0.058 Flask Uncertainty			

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

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

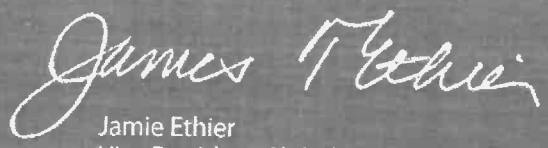
For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

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

M6125 Receive -> 11/22/24

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

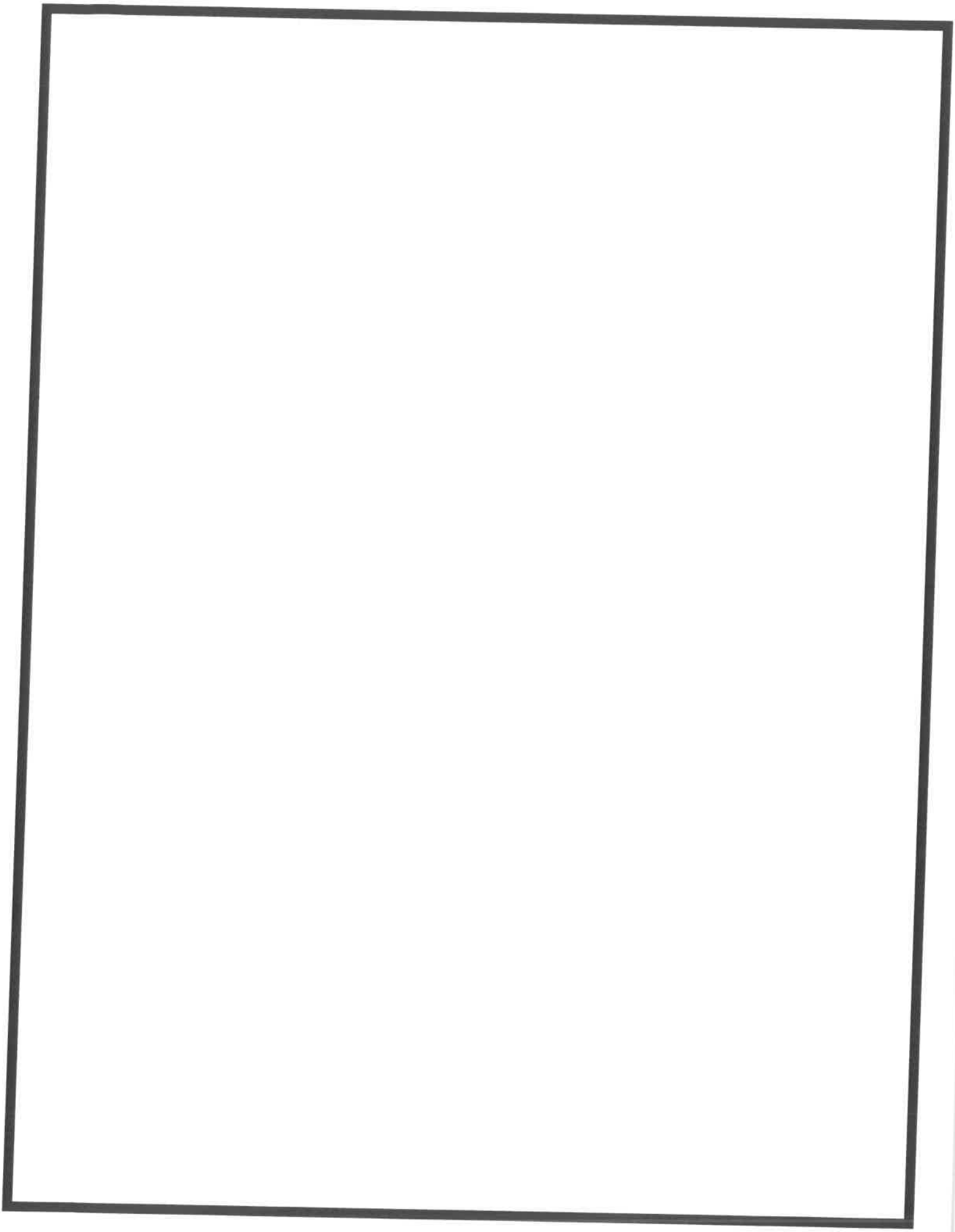
Office and Plant
299 Cedar Lane
Fairless Hills, PA 19030

Phone: 215-295-5006
Fax: 215-295-0781

Hydrogen Peroxide 30%, ACS

Reagent Grade

SPECIFICATION	MAXIMUM LIMITS
Appearance	Colorless and free from suspended matter or sediment
Assay	29-32%
Color (APHA)	10
Residue after Evaporation	0.002%
Titratable Acid	0.0006 meq/g
Chloride (Cl)	3 ppm
Nitrate (NO_3)	2 ppm
Phosphate	2 ppm
Sulfate (SO_4)	5 ppm
Ammonium (NH_4)	5 ppm
Heavy Metals (as Pb)	1 ppm
Iron (Fe)	0.5 ppm



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

M6126

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

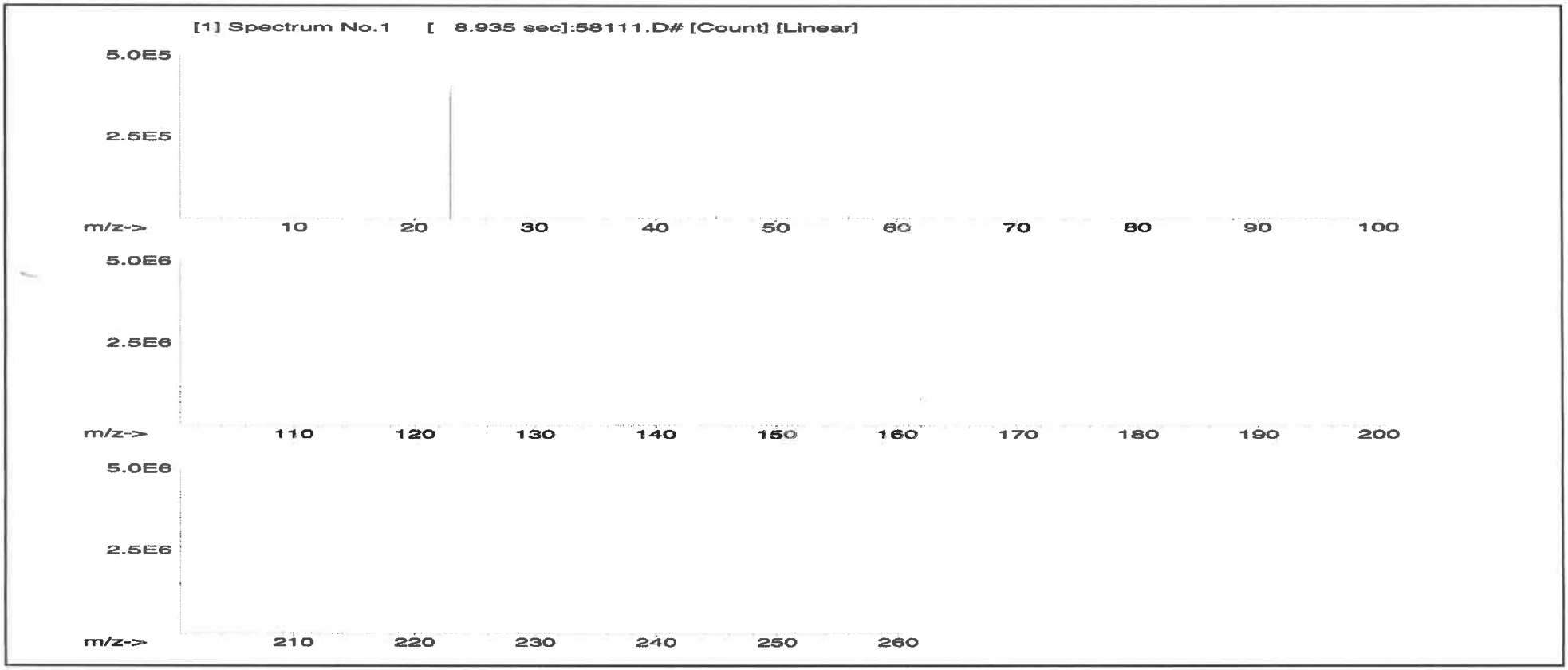
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



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.

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Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

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Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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R: 01/03/24 M5802, M5803

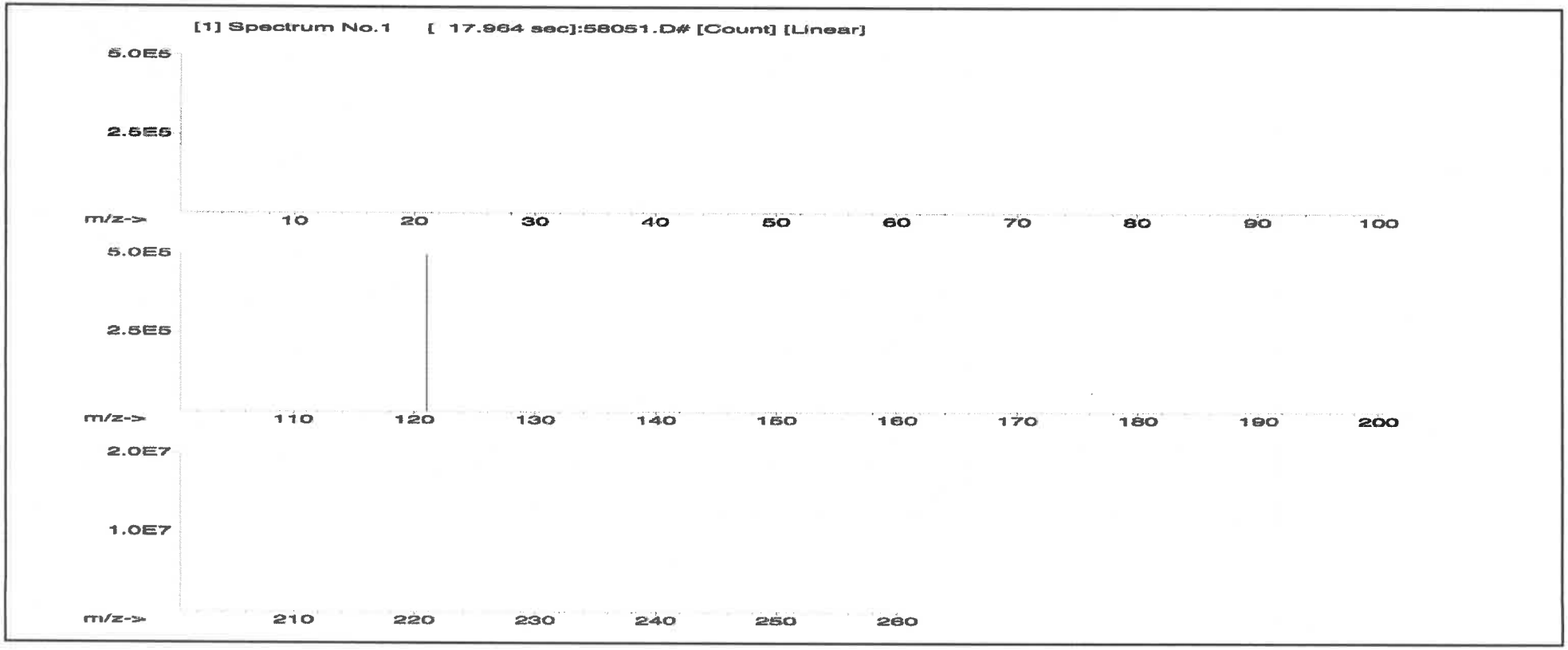
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

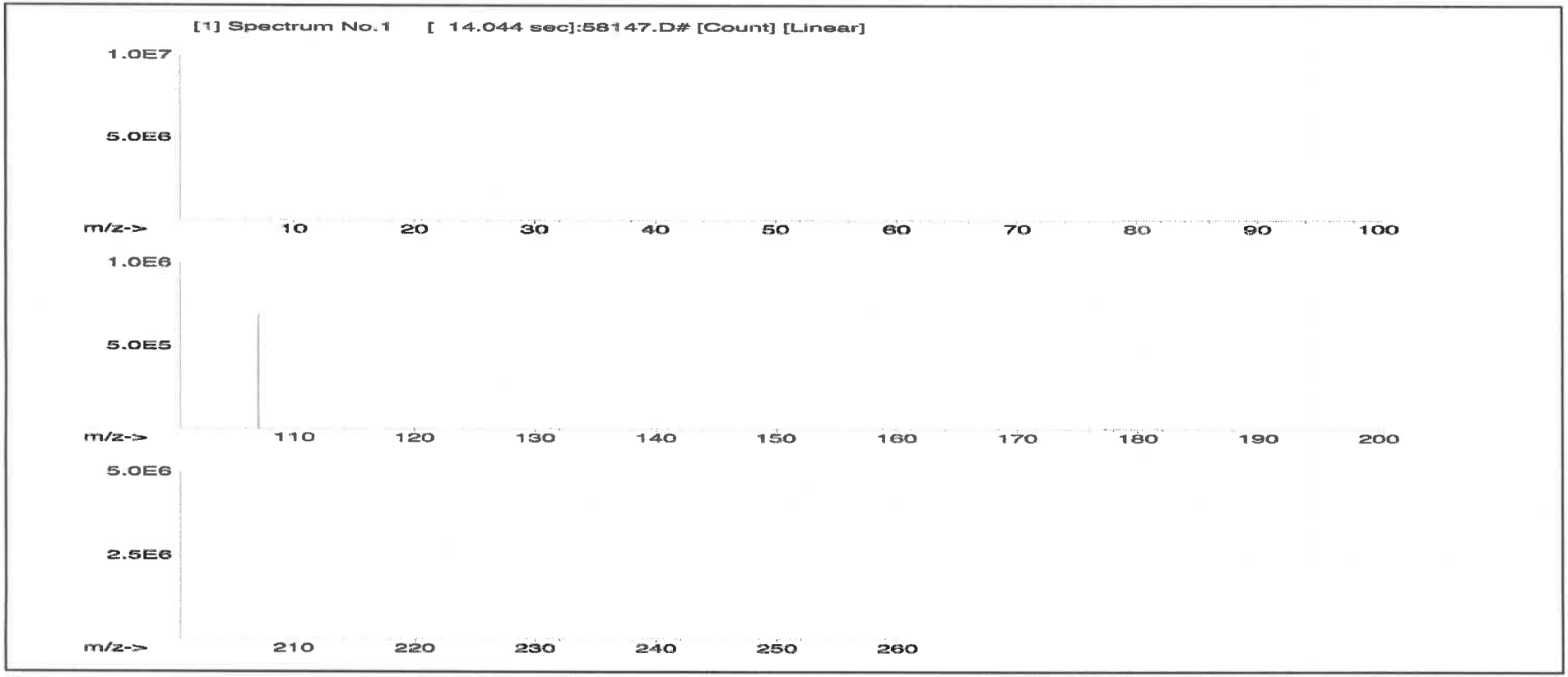
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CERTIFIED WEIGHT REPORT:

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

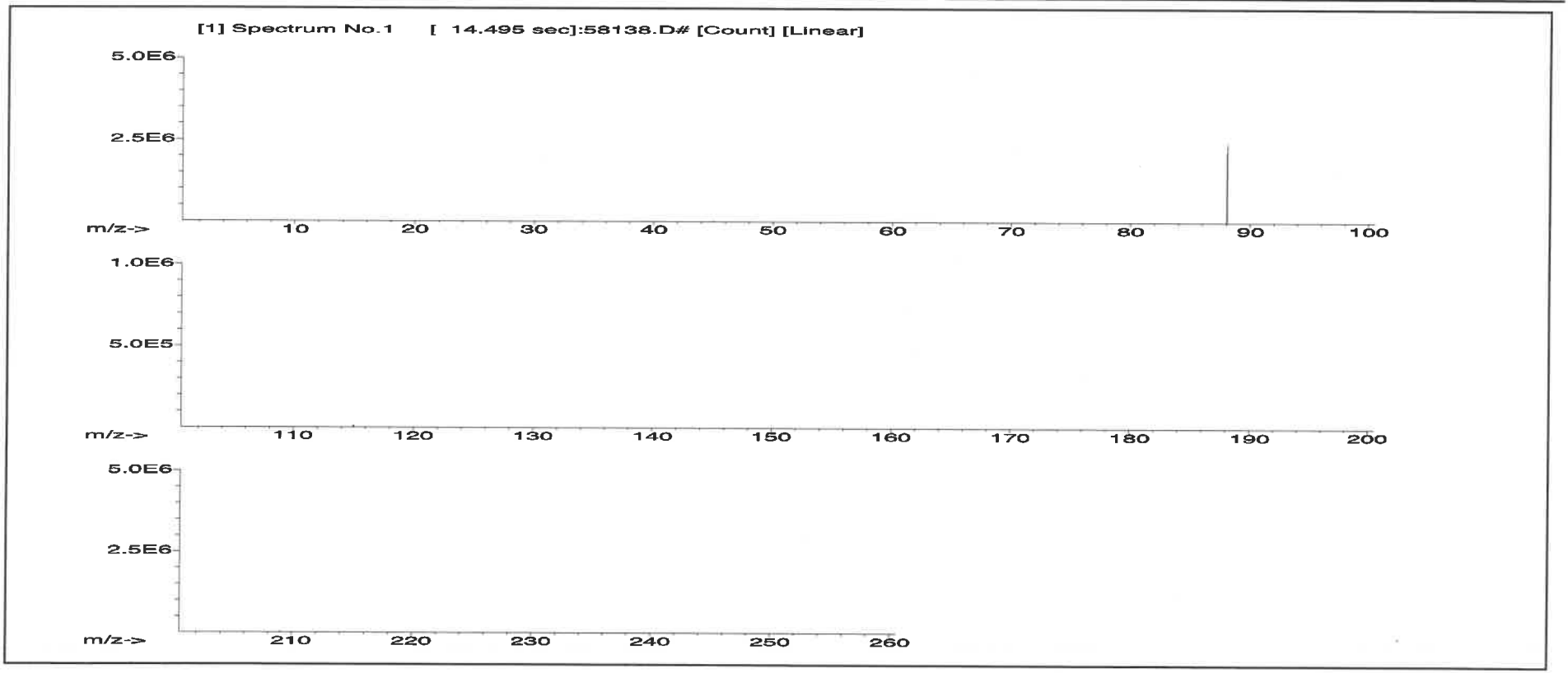
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CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R ! 8/5/24

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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		

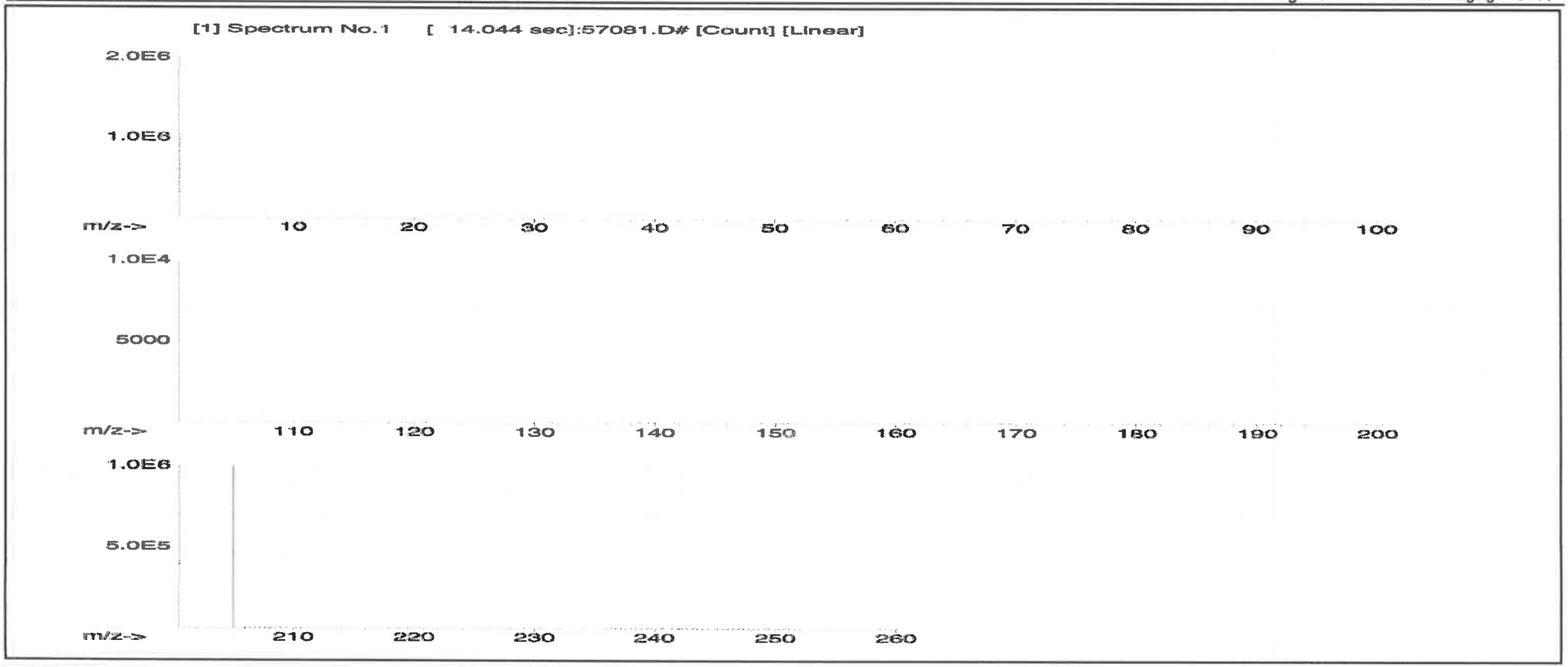
Aleah O'Brady

Formulated By:	Aleah O'Brady	062724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062724

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



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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M6021

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Rc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

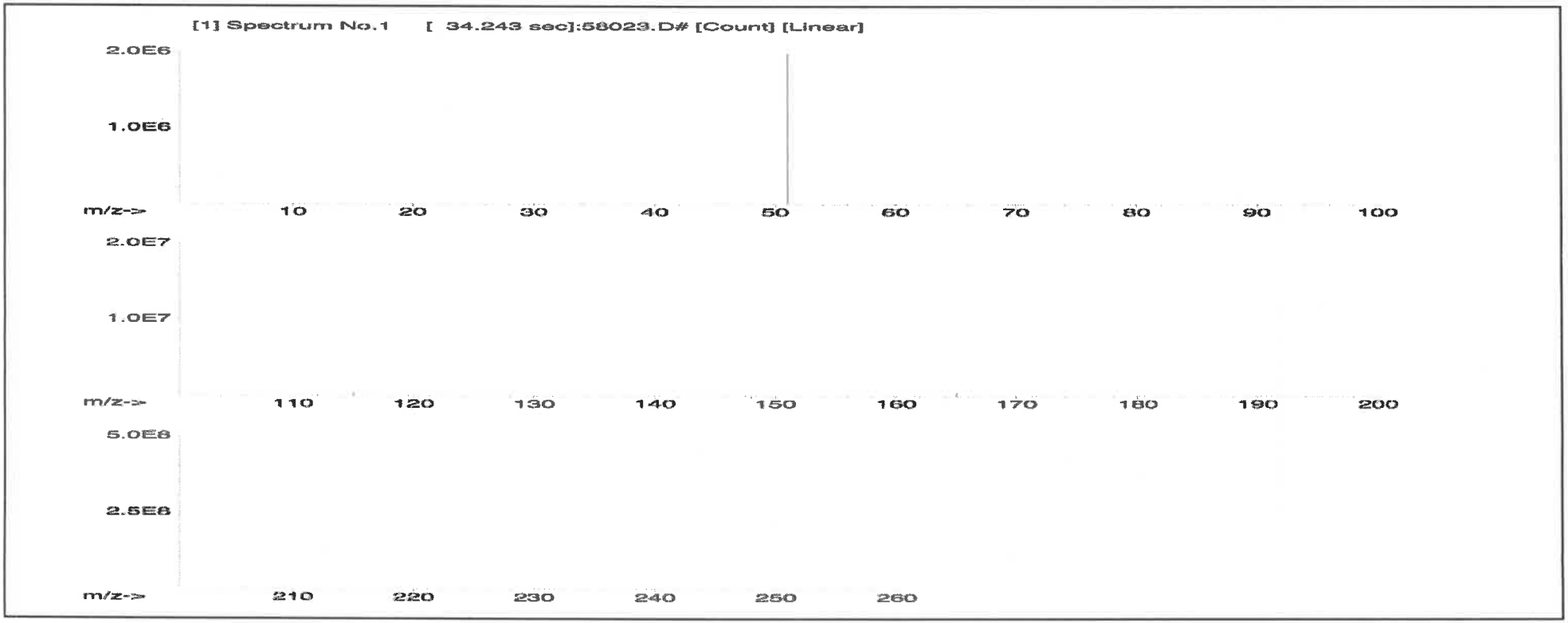
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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* 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

PB165675

SOP ID : M200.8-Trace Elements-22, MSFAM01.1-Metals ICPMS-2

SDG No : MJNKD0,MJNKG0

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 12/16/2024 **Time :** 14:50 **Temp :** 96 °C

End Digest Date: 12/16/2024 **Time :** 15:25 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SJ2.

Supervisor Signature: MB

Temp : 1. 96°C 2. N/A

SJ 12/18/2024

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	~~MP83499~~ MP82128
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #2 CELL #34 : 96

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/16/24 16:25	SJ2. met digestion	MB. Metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB165675

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5248-01	MJNKD0	N/A	1.13	500	Brown	Yellow	Medium	N/A	N/A	1
P5248-02	MJNKD0D	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	2
P5248-03	MJNKD0S	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	3
P5248-04	MJNKD1	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	4
P5248-05	MJNKE0	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	5
P5248-06	MJNKE1	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	6
P5248-07	MJNKE2	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	7
P5248-08	MJNKF0	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	8
P5248-09	MJNKF1	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	9
P5248-10	MJNKG1	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	10
P5248-11	MJNKG2	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	11
P5248-12	MJNLH6	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	12
P5248-13	MJNLH7	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	13
P5248-14	MJNLH8	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	14
P5249-01	MJNKG0	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	15
P5249-02	MJNKG0D	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	16
P5249-03	MJNKG0S	N/A	1.48	500	Brown	Yellow	Medium	N/A	MP83671	17
PB165675BL	PBS675	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	18
PB165675BS	LCS675	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83699	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 # LB134060

Review By	Mohan Bera	Review On	12/24/2024 3:52:41 AM
Supervise By	Sarabjit Jaswal	Supervise On	12/24/2024 3:55:48 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	TUNE006	TUNE	12/21/24 15:35		Jaswal	OK
2	S00	S0	CAL1	12/21/24 16:08		Jaswal	OK
3	S02	S02	CAL3	12/21/24 16:14		Jaswal	OK
4	S03	S03	CAL4	12/21/24 16:18		Jaswal	OK
5	S04	S04	CAL5	12/21/24 16:21		Jaswal	OK
6	S05	S05	CAL6	12/21/24 16:24		Jaswal	OK
7	S06	S06	CAL7	12/21/24 16:26		Jaswal	OK
8	S07	S07	CAL8	12/21/24 16:29		Jaswal	OK
9	S08	S08	CAL9	12/21/24 16:32		Jaswal	OK
10	ICV006	ICV006	ICV	12/21/24 17:01	Inst. paused for calibration review	Jaswal	OK
11	ICB006	ICB006	ICB	12/21/24 17:08	Inst. paused for review	Jaswal	OK
12	ICSA006	ICSA006	ICSA	12/21/24 17:11		Jaswal	OK
13	ICSAB006	ICSAB006	ICSAB	12/21/24 17:20	Inst. paused for review	Jaswal	OK
14	CCV037	CCV037	CCV	12/21/24 17:23		Jaswal	OK
15	CCB037	CCB037	CCB	12/21/24 17:29	Inst. paused for review	Jaswal	OK
16	PB165675BL	PBS675	MB	12/21/24 17:32		Jaswal	OK
17	PB165675BS	LCS675	LCS	12/21/24 17:36		Jaswal	OK
18	PB165800BL	PBS800	MB	12/21/24 17:39		Jaswal	OK

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Supervise By	Sarabjit Jaswal	Supervise On	12/24/2024 3:55:48 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

19	PB165800BS	LCS800	LCS	12/21/24 17:42		Jaswal	OK
20	PB165755BL	PBS755	MB	12/21/24 17:46	NOT USE	Jaswal	Not Ok
21	PB165755BS	LCS755	LCS	12/21/24 17:49	NOT USE	Jaswal	Not Ok
22	P5248-01	MJNKD0	SAM	12/21/24 17:53	As high	Jaswal	Dilution
23	P5248-02	MJNKD0D	DUP	12/21/24 17:56	As high	Jaswal	Dilution
24	P5248-01L	MJNKD0L	SD	12/21/24 17:59	As high	Jaswal	Dilution
25	P5248-03	MJNKD0S	MS	12/21/24 18:02	As high	Jaswal	Dilution
26	P5249-01	MJNKG0	SAM	12/21/24 18:05		Jaswal	OK
27	P5249-02	MJNKG0D	DUP	12/21/24 18:08		Jaswal	OK
28	P5249-01L	MJNKG0L	SD	12/21/24 18:11		Jaswal	OK
29	P5249-03	MJNKG0S	MS	12/21/24 18:15		Jaswal	OK
30	P5272-04	MJNKJ9	SAM	12/21/24 18:18		Jaswal	OK
31	P5272-05	MJNKJ9D	DUP	12/21/24 18:21		Jaswal	OK
32	P5272-04L	MJNKJ9L	SD	12/21/24 18:24		Jaswal	OK
33	P5272-06	MJNKJ9S	MS	12/21/24 18:27		Jaswal	OK
34	P5273-01	MJNKH1	SAM	12/21/24 18:30		Jaswal	OK
35	CCV038	CCV038	CCV	12/21/24 18:33		Jaswal	OK
36	CCB038	CCB038	CCB	12/21/24 18:39	Inst. paused for review	Jaswal	OK
37	P5273-02	MJNKH1D	DUP	12/21/24 18:43		Jaswal	OK
38	P5273-01L	MJNKH1L	SD	12/21/24 18:46		Jaswal	OK

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Supervise By	Sarabjit Jaswal	Supervise On	12/24/2024 3:55:48 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	P5250-06	MJNBZ2	SAM	12/21/24 18:49	NOT USE	Jaswal	Not Ok
40	P5250-07	MJNBZ2D	DUP	12/21/24 18:52	NOT USE	Jaswal	Not Ok
41	P5250-06L	MJNBZ2L	SD	12/21/24 18:55	NOT USE	Jaswal	Not Ok
42	P5250-08	MJNBZ2S	MS	12/21/24 18:58	NOT USE	Jaswal	Not Ok
43	P5255-02	MJNL72	SAM	12/21/24 19:02	NOT USE	Jaswal	Not Ok
44	P5255-03	MJNL72D	DUP	12/21/24 19:05	NOT USE	Jaswal	Not Ok
45	P5255-02L	MJNL72L	SD	12/21/24 19:08	NOT USE	Jaswal	Not Ok
46	P5255-04	MJNL72S	MS	12/21/24 19:11	NOT USE	Jaswal	Not Ok
47	P5256-01	MJNL92	SAM	12/21/24 19:14	NOT USE	Jaswal	Not Ok
48	P5256-02	MJNL92D	DUP	12/21/24 19:17	NOT USE	Jaswal	Not Ok
49	P5256-01L	MJNL92L	SD	12/21/24 19:20	NOT USE	Jaswal	Not Ok
50	P5256-03	MJNL92S	MS	12/21/24 19:23	NOT USE	Jaswal	Not Ok
51	P5273-03	MJNKH1S	MS	12/21/24 19:27		Jaswal	OK
52	P5248-04	MJNKD1	SAM	12/21/24 19:30		Jaswal	OK
53	P5248-05	MJNKE0	SAM	12/21/24 19:33		Jaswal	OK
54	P5248-06	MJNKE1	SAM	12/21/24 19:36		Jaswal	OK
55	P5248-07	MJNKE2	SAM	12/21/24 19:39		Jaswal	OK
56	P5248-08	MJNKF0	SAM	12/21/24 19:42		Jaswal	OK
57	P5248-09	MJNKF1	SAM	12/21/24 19:45		Jaswal	OK
58	P5248-10	MJNKG1	SAM	12/21/24 19:48		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134060

Review By	Mohan Bera	Review On	12/24/2024 3:52:41 AM
Supervise By	Sarabjit Jaswal	Supervise On	12/24/2024 3:55:48 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

59	P5248-11	MJNKG2	SAM	12/21/24 19:52		Jaswal	OK
60	P5248-12	MJNLH6	SAM	12/21/24 19:55	As high	Jaswal	Dilution
61	P5248-13	MJNLH7	SAM	12/21/24 19:58		Jaswal	OK
62	CCV039	CCV039	CCV	12/21/24 20:01		Jaswal	OK
63	CCB039	CCB039	CCB	12/21/24 20:04		Jaswal	OK
64	P5248-14	MJNLH8	SAM	12/21/24 20:07		Jaswal	OK
65	P5272-01	MJNKJ6	SAM	12/21/24 20:10		Jaswal	OK
66	P5272-02	MJNKJ7	SAM	12/21/24 20:13		Jaswal	OK
67	P5272-03	MJNKJ8	SAM	12/21/24 20:16		Jaswal	OK
68	P5272-07	MJNKK0	SAM	12/21/24 20:19		Jaswal	OK
69	P5272-08	MJNKK1	SAM	12/21/24 20:22		Jaswal	OK
70	P5272-09	MJNKK2	SAM	12/21/24 20:25		Jaswal	OK
71	P5250-01	MJNBZ1	SAM	12/21/24 20:28	NOT USE	Jaswal	Not Ok
72	P5250-02	MJNBZ3	SAM	12/21/24 20:32	NOT USE	Jaswal	Not Ok
73	P5250-03	MJNBZ4	SAM	12/21/24 20:35	NOT USE	Jaswal	Not Ok
74	P5250-04	MJNBZ7	SAM	12/21/24 20:38	NOT USE	Jaswal	Not Ok
75	P5250-05	MJNBZ8	SAM	12/21/24 20:41	NOT USE	Jaswal	Not Ok
76	P5255-01	MJNL27	SAM	12/21/24 20:44	NOT USE	Jaswal	Not Ok
77	P5255-05	MJNL93	SAM	12/21/24 20:48	NOT USE	Jaswal	Not Ok
78	P5255-06	MJNL94	SAM	12/21/24 20:51	NOT USE	Jaswal	Not Ok

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Daily Analysis Runlog For Sequence/QCBatch ID # LB134060

Review By	Mohan Bera	Review On	12/24/2024 3:52:41 AM
Supervise By	Sarabjit Jaswal	Supervise On	12/24/2024 3:55:48 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

79	CCV040	CCV040	CCV	12/21/24 20:54		Jaswal	OK
80	CCB040	CCB040	CCB	12/21/24 20:56		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

Review By	Sarabjit Jaswal	Review On	12/25/2024 3:48:44 AM
Supervise By	Mohan Bera	Supervise On	12/25/2024 3:49:22 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	TUNE007	TUNE	12/23/24 10:04		Jaswal	OK
2	S00	S0	CAL1	12/23/24 10:59		Jaswal	OK
3	S02	S02	CAL3	12/23/24 11:05		Jaswal	OK
4	S03	S03	CAL4	12/23/24 11:09		Jaswal	OK
5	S04	S04	CAL5	12/23/24 11:12		Jaswal	OK
6	S05	S05	CAL6	12/23/24 11:14		Jaswal	OK
7	S06	S06	CAL7	12/23/24 11:17		Jaswal	OK
8	S07	S07	CAL8	12/23/24 11:20		Jaswal	OK
9	S08	S08	CAL9	12/23/24 11:23		Jaswal	OK
10	ICV007	ICV007	ICV	12/23/24 12:06	Inst. paused for Calibration review	Jaswal	OK
11	ICB007	ICB007	ICB	12/23/24 12:25	Inst. paused for review	Jaswal	OK
12	ICSA007	ICSA007	ICSA	12/23/24 12:29		Jaswal	OK
13	ICSAB007	ICSAB007	ICSAB	12/23/24 12:32		Jaswal	OK
14	CCV041	CCV041	CCV	12/23/24 12:35		Jaswal	OK
15	CCB041	CCB041	CCB	12/23/24 12:43	Inst. paused for review	Jaswal	OK
16	PB165834BL	PBW834	MB	12/23/24 12:56	Not Use	Jaswal	Not Ok
17	PB165834BS	LCS834	LCS	12/23/24 12:59	Not Use	Jaswal	Not Ok
18	P5306-02DL	OU4-VSL-07-121224	SAM	12/23/24 13:02	Not Use	Jaswal	Not Ok

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134068

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Supervise By	Mohan Bera	Supervise On	12/25/2024 3:49:22 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

19	P5306-02DUPDL	OU4-VSL-07-121224	DUP	12/23/24 13:05	Not Use	Jaswal	Not Ok
20	P5306-02LDL	OU4-VSL-07-121224L	SD	12/23/24 13:08	Not Use	Jaswal	Not Ok
21	P5306-02MSDL	OU4-VSL-07-121224	MSD	12/23/24 13:11	Not Use	Jaswal	Not Ok
22	P5306-02MSDDL	OU4-VSL-07-121224	MSD	12/23/24 13:14	Not Use	Jaswal	Not Ok
23	P5306-02ADL	OU4-VSL-07-121224A	PS	12/23/24 13:17	Not Use	Jaswal	Not Ok
24	CCV042	CCV042	CCV	12/23/24 13:20		Jaswal	OK
25	CCB042	CCB042	CCB	12/23/24 13:23		Jaswal	OK
26	P5306-04DL	OU4-VSL-08-121224	SAM	12/23/24 13:27	Not Use	Jaswal	Not Ok
27	P5306-06DL	OU4-VSL-09-121224	SAM	12/23/24 13:30	Not Use	Jaswal	Not Ok
28	P5306-08DL	OU4-VSL-10-121224	SAM	12/23/24 13:33	Not Use	Jaswal	Not Ok
29	P5306-10DL	OU4-VSL-11-121224	SAM	12/23/24 13:36	Not Use	Jaswal	Not Ok
30	P5306-12DL	OU4-VSL-12-121224	SAM	12/23/24 13:39	Not Use	Jaswal	Not Ok
31	P5306-14DL	OU4-VSL-13-121224	SAM	12/23/24 13:43	Not Use	Jaswal	Not Ok
32	P5306-16DL	OU4-VSL-14-121224	SAM	12/23/24 13:46	Not Use	Jaswal	Not Ok
33	P5306-18DL	OU4-VSL-06R-121224	SAM	12/23/24 13:49	Not Use	Jaswal	Not Ok
34	PB165699TB	PB165699TB	MB	12/23/24 13:52	Not Use	Jaswal	Not Ok
35	CCV043	CCV043	CCV	12/23/24 13:55		Jaswal	OK
36	CCB043	CCB043	CCB	12/23/24 13:58		Jaswal	OK

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Instrument ID: P7

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Supervise By	Mohan Bera	Supervise On	12/25/2024 3:49:22 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

37	P5184-20A	MYCZF8ARE	PS	12/23/24 14:01	PS For Cu-(0.019ml M5697),Pb-(0.0042ml m6025),Ag-(0.022ml m83713)-10 ml Sample	Jaswal	OK
38	P5191-13A	MYD033ARE	PS	12/23/24 14:04	PS For As(0.024ml mp83764)-10 ml Sample	Jaswal	OK
39	P5248-01DL	MJNKD0	SAM	12/23/24 14:08	2X For As	Jaswal	Confirms
40	P5248-02DL	MJNKD0D	DUP	12/23/24 14:11	2X For As	Jaswal	Confirms
41	P5248-01LDL	MJNKD0L	SD	12/23/24 14:14	10X For As	Jaswal	Confirms
42	P5248-03DL	MJNKD0S	MS	12/23/24 14:17	2X For As	Jaswal	Confirms
43	P5248-12DL	MJNLH6	SAM	12/23/24 14:20	2X For As	Jaswal	Confirms
44	CCV044	CCV044	CCV	12/23/24 14:23		Jaswal	OK
45	CCB044	CCB044	CCB	12/23/24 14:26		Jaswal	OK
46	PB165532BL	PBS532	MB	12/23/24 14:35		Jaswal	OK
47	PB165532BS	LCS532	LCS	12/23/24 14:39		Jaswal	OK
48	P5154-01	ME28N9	SAM	12/23/24 14:43		Jaswal	OK
49	P5154-02	ME28P0	SAM	12/23/24 14:46		Jaswal	OK
50	P5154-03	ME28P1	SAM	12/23/24 14:49		Jaswal	OK
51	P5154-04	ME28P2	SAM	12/23/24 14:52		Jaswal	OK
52	P5154-05	ME28P3	SAM	12/23/24 14:55		Jaswal	OK
53	P5154-06	ME28P4	SAM	12/23/24 14:58		Jaswal	OK
54	P5154-07	ME28P5	SAM	12/23/24 15:02		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/25/2024 3:49:22 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

55	P5154-08	ME28P6	SAM	12/23/24 15:05		Jaswal	OK
56	P5154-09	ME28P7	SAM	12/23/24 15:08		Jaswal	OK
57	P5154-10	ME28P8	SAM	12/23/24 15:11		Jaswal	OK
58	P5154-11	ME28P9	SAM	12/23/24 15:14		Jaswal	OK
59	P5154-12	ME28Q0	SAM	12/23/24 15:17		Jaswal	OK
60	P5154-13	ME28Q1	SAM	12/23/24 15:20		Jaswal	OK
61	P5154-14	ME28Q2	SAM	12/23/24 15:23		Jaswal	OK
62	P5154-15	ME28Q3	SAM	12/23/24 15:26	Mn High	Jaswal	Dilution
63	P5154-16	ME28Q4	SAM	12/23/24 15:29	Mn,Zn High , INT_STD 209Bi(1) Fail	Jaswal	Dilution
64	P5154-17	ME28Q4D	DUP	12/23/24 15:32	Mn,Zn High , INT_STD 209Bi(1) Fail	Jaswal	Dilution
65	P5154-16L	ME28Q4L	SD	12/23/24 15:36	Mn,Zn High , INT_STD 209Bi(1) Fail	Jaswal	Dilution
66	P5154-18	ME28Q4S	MS	12/23/24 15:39	Mn,Zn High , INT_STD 209Bi(1) Fail,MS Fail For Cu,Ni	Jaswal	Dilution
67	P5154-19	ME28Q5	SAM	12/23/24 15:42		Jaswal	OK
68	P5154-20	ME28R3	SAM	12/23/24 15:45		Jaswal	OK
69	P5154-21	ME28R4	SAM	12/23/24 15:48		Jaswal	OK
70	CCV045	CCV045	CCV	12/23/24 15:59		Jaswal	OK
71	CCB045	CCB045	CCB	12/23/24 16:03		Jaswal	OK
72	P5154-16DL2	ME28Q4	SAM	12/23/24 16:16	5X For Zn	Jaswal	Confirms

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

73	P5154-17DL2	ME28Q4D	DUP	12/23/24 16:20	5X For Zn	Jaswal	Confirms
74	P5154-16LDL2	ME28Q4L	SD	12/23/24 16:23	25X For Zn	Jaswal	Confirms
75	P5154-18DL2	ME28Q4S	MS	12/23/24 16:27	5X For Zn	Jaswal	Confirms
76	P5154-15DL	ME28Q3	SAM	12/23/24 16:30	2X For Mn	Jaswal	Confirms
77	P5154-16DL	ME28Q4	SAM	12/23/24 16:33	2X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High	Jaswal	Dilution
78	P5154-17DL	ME28Q4D	DUP	12/23/24 16:36	2X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High	Jaswal	Dilution
79	P5154-16LDL	ME28Q4L	SD	12/23/24 16:40	10X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High	Jaswal	Dilution
80	P5154-18DL	ME28Q4S	MS	12/23/24 16:43	2X For INT_STD 209Bi(1)2X For Mn,Zn, Still Zn High	Jaswal	Dilution
81	CCV046	CCV046	CCV	12/23/24 16:46		Jaswal	OK
82	CCB046	CCB046	CCB	12/23/24 16:48		Jaswal	OK
83	P5154-16A	ME28Q4A	PS	12/23/24 17:29	PS for Cu-0.0023ml m5751,Ni- 0.0052ml m5961-10ml sample	Jaswal	OK
84	CCV047	CCV047	CCV	12/23/24 17:32		Jaswal	OK
85	CCB047	CCB047	CCB	12/23/24 17:34		Jaswal	OK
86	PB165801BL	PBS801	MB	12/23/24 18:28		Jaswal	OK
87	PB165801BS	LCS801	LCS	12/23/24 18:36		Jaswal	OK
88	P5335-01	ME2904	SAM	12/23/24 18:46		Jaswal	OK

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

89	P5335-02	ME2905	SAM	12/23/24 18:49		Jaswal	OK
90	P5335-03	ME2906	SAM	12/23/24 18:52	Mn High	Jaswal	Dilution
91	P5335-04	ME2907	SAM	12/23/24 18:55		Jaswal	OK
92	P5335-05	ME2908	SAM	12/23/24 18:58		Jaswal	OK
93	P5335-06	ME2909	SAM	12/23/24 19:01		Jaswal	OK
94	P5335-07	ME2910	SAM	12/23/24 19:05		Jaswal	OK
95	P5335-08	ME2911	SAM	12/23/24 19:08		Jaswal	OK
96	P5335-09	ME2912	SAM	12/23/24 19:11		Jaswal	OK
97	CCV048	CCV048	CCV	12/23/24 19:14		Jaswal	OK
98	CCB048	CCB048	CCB	12/23/24 19:17		Jaswal	OK
99	P5335-10	ME2913	SAM	12/23/24 19:20		Jaswal	OK
100	P5335-11	ME2914	SAM	12/23/24 19:23	Mn High	Jaswal	Dilution
101	P5335-12	ME2915	SAM	12/23/24 19:26	Mn High	Jaswal	Dilution
102	P5335-13	ME2916	SAM	12/23/24 19:29		Jaswal	OK
103	P5335-14	ME2917	SAM	12/23/24 19:32		Jaswal	OK
104	P5335-15	ME2918	SAM	12/23/24 19:35		Jaswal	OK
105	P5335-16	ME2919	SAM	12/23/24 19:39	Mn High	Jaswal	Dilution
106	P5335-17	ME2920	SAM	12/23/24 19:42	Mn High	Jaswal	Dilution
107	P5335-18	ME2921	SAM	12/23/24 19:45		Jaswal	OK
108	P5335-19	ME2923	SAM	12/23/24 19:48		Jaswal	OK

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

109	P5335-20	ME2923D	DUP	12/23/24 19:51		Jaswal	OK
110	P5335-19L	ME2923L	SD	12/23/24 19:54		Jaswal	OK
111	P5335-21	ME2923S	MS	12/23/24 19:58		Jaswal	OK
112	P5335-03DL	ME2906	SAM	12/23/24 20:01	2X For Mn	Jaswal	Confirms
113	PB165758BL	PBS758	MB	12/23/24 20:04		Jaswal	OK
114	PB165758BS	LCS758	LCS	12/23/24 20:08		Jaswal	OK
115	PB165756BL	PBS756	MB	12/23/24 20:12		Jaswal	OK
116	PB165756BS	LCS756	LCS	12/23/24 20:15		Jaswal	OK
117	P5156-01	ME28Q6	SAM	12/23/24 20:18		Jaswal	OK
118	P5156-02	ME28Q7	SAM	12/23/24 20:21		Jaswal	OK
119	P5156-03	ME28Q8	SAM	12/23/24 20:24		Jaswal	OK
120	P5156-04	ME28Q9	SAM	12/23/24 20:28		Jaswal	OK
121	P5156-05	ME28R0	SAM	12/23/24 20:31		Jaswal	OK
122	P5156-06	ME28R1	SAM	12/23/24 20:34		Jaswal	OK
123	P5156-07	ME28R2	SAM	12/23/24 20:37		Jaswal	OK
124	P5156-08	ME28T4	SAM	12/23/24 20:40		Jaswal	OK
125	P5156-09	ME28T5	SAM	12/23/24 20:43		Jaswal	OK
126	P5156-10	ME28T6	SAM	12/23/24 20:46		Jaswal	OK
127	P5156-11	ME28T7	SAM	12/23/24 20:50		Jaswal	OK
128	CCV049	CCV049	CCV	12/23/24 20:53		Jaswal	OK

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

129	CCB049	CCB049	CCB	12/23/24 20:56		Jaswal	OK
130	P5156-12	ME28T8	SAM	12/23/24 20:59		Jaswal	OK
131	P5156-13	ME28T9	SAM	12/23/24 21:02	Mn High	Jaswal	Dilution
132	P5156-14	ME28W0	SAM	12/23/24 21:05	Mn High	Jaswal	Dilution
133	P5156-15	ME28W1	SAM	12/23/24 21:08		Jaswal	OK
134	P5156-16	ME28W2	SAM	12/23/24 21:11	Mn High	Jaswal	Dilution
135	P5156-17	ME28W2D	DUP	12/23/24 21:14	Mn High	Jaswal	Dilution
136	P5156-16L	ME28W2L	SD	12/23/24 21:17	Mn High	Jaswal	Dilution
137	P5156-18	ME28W2S	MS	12/23/24 21:20	Mn High	Jaswal	Dilution
138	P5156-19	ME28W3	SAM	12/23/24 21:23		Jaswal	OK
139	P5156-20	ME28W4	SAM	12/23/24 21:27		Jaswal	OK
140	P5156-21	ME28W5	SAM	12/23/24 21:30		Jaswal	OK
141	P5156-22	ME28W6	SAM	12/23/24 21:33		Jaswal	OK
142	P5335-11DL	ME2914	SAM	12/23/24 21:36	2X For Mn	Jaswal	Confirms
143	P5335-12DL	ME2915	SAM	12/23/24 21:39	2X For Mn	Jaswal	Confirms
144	P5335-16DL	ME2919	SAM	12/23/24 21:42	2X For Mn	Jaswal	Confirms
145	P5335-17DL	ME2920	SAM	12/23/24 21:45	2X For Mn	Jaswal	Confirms
146	P5254-01	MJNKK5	SAM	12/23/24 21:48		Jaswal	OK
147	P5254-02	MJNKK5D	DUP	12/23/24 21:51		Jaswal	OK
148	P5254-01L	MJNKK5L	SD	12/23/24 21:54		Jaswal	OK

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

149	P5254-03	MJNKK5S	MS	12/23/24 21:57		Jaswal	OK
150	P5254-04	MJNKL7	SAM	12/23/24 22:00		Jaswal	OK
151	P5254-05	MJNKP2	SAM	12/23/24 22:03		Jaswal	OK
152	P5254-06	MJNKP3	SAM	12/23/24 22:06		Jaswal	OK
153	P5254-07	MJNKP4	SAM	12/23/24 22:09		Jaswal	OK
154	P5254-08	MJNKP5	SAM	12/23/24 22:12		Jaswal	OK
155	P5254-09	MJNKX2	SAM	12/23/24 22:16		Jaswal	OK
156	P5254-10	MJNL82	SAM	12/23/24 22:19		Jaswal	OK
157	P5254-11	MJNL83	SAM	12/23/24 22:22		Jaswal	OK
158	P5254-13	MJNKK3	SAM	12/23/24 22:25	Zn High	Jaswal	Dilution
159	P5254-14	MJNKK4	SAM	12/23/24 22:28		Jaswal	OK
160	CCV050	CCV050	CCV	12/23/24 22:31		Jaswal	OK
161	CCB050	CCB050	CCB	12/23/24 22:34		Jaswal	OK
162	P5254-15	MJNKN6	SAM	12/23/24 22:37		Jaswal	OK
163	P5254-16	MJNKN7	SAM	12/23/24 22:40		Jaswal	OK
164	P5254-17	MJNKN8	SAM	12/23/24 22:43		Jaswal	OK
165	P5254-18	MJNKQ9	SAM	12/23/24 22:46		Jaswal	OK
166	P5254-19	MJNKT0	SAM	12/23/24 22:49		Jaswal	OK
167	P5254-20	MJNKW1	SAM	12/23/24 22:52		Jaswal	OK
168	P5254-21	MJNKW2	SAM	12/23/24 22:56		Jaswal	OK

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

169	P5254-22	MJNKY3	SAM	12/23/24 22:59		Jaswal	OK
170	P5156-13DL	ME28T9	SAM	12/23/24 23:03	2X For Mn	Jaswal	Confirms
171	P5156-14DL	ME28W0	SAM	12/23/24 23:07	2X For Mn	Jaswal	Confirms
172	P5156-16DL	ME28W2	SAM	12/23/24 23:11	2X For Mn	Jaswal	Confirms
173	P5156-17DL	ME28W2D	DUP	12/23/24 23:14	2X For Mn	Jaswal	Confirms
174	P5156-16LDL	ME28W2L	SD	12/23/24 23:17	10X For Mn	Jaswal	Confirms
175	P5156-18DL	ME28W2S	MS	12/23/24 23:20	2X For Mn	Jaswal	Confirms
176	P5254-13DL	MJNKK3	SAM	12/23/24 23:23	2X For Zn	Jaswal	Confirms
177	CCV051	CCV051	CCV	12/23/24 23:26		Jaswal	OK
178	CCB051	CCB051	CCB	12/23/24 23:29		Jaswal	OK