Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021025 MS.b\
Analysis File: P8021025 MS.batch.bin
DA Date-Time: 2025-02-10 19:13:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-10 14:17:01
2	005CALS.d	S02	2025-02-10 14:20:21
3	006CALB.d	S03	2025-02-10 14:23:43
4	007CALS.d	S04	2025-02-10 14:26:46
5	008CALS.d	S05	2025-02-10 14:29:44
6	009CALS.d	S06	2025-02-10 14:32:34
7	010CALS.d	S07	2025-02-10 14:35:21
8	011CALS.d	S08	2025-02-10 14:38:06

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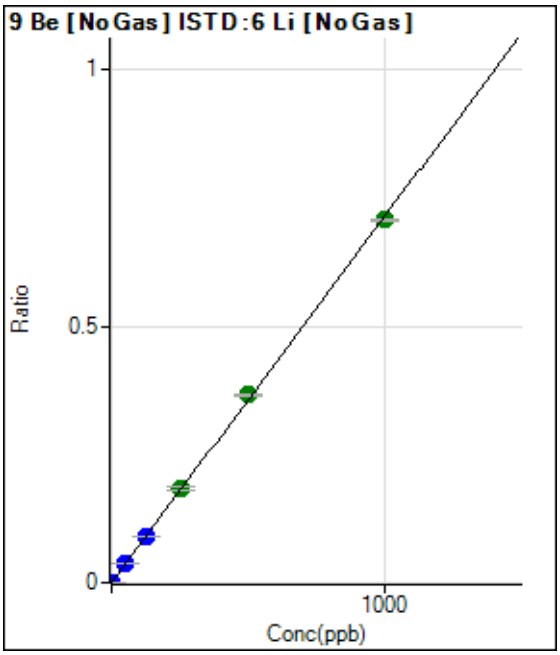


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	382.46	0.0000	P	5.9
2	☐	1.000	1.116	7131.68	0.0008	P	2.0
3	☐	50.000	51.768	309544.20	0.0369	P	0.7
4	☐	125.000	125.116	747928.40	0.0892	P	1.1
5	☐	250.000	257.303	1502193.39	0.1834	A	3.1
6	☐	500.000	513.236	2897964.90	0.3658	A	1.6
7	☐	1000.000	991.453	5555721.64	0.7067	A	0.5
8	☐			2007.81	0.0003	P	9.5

y = 7.1271E-004 * x + 4.4189E-005

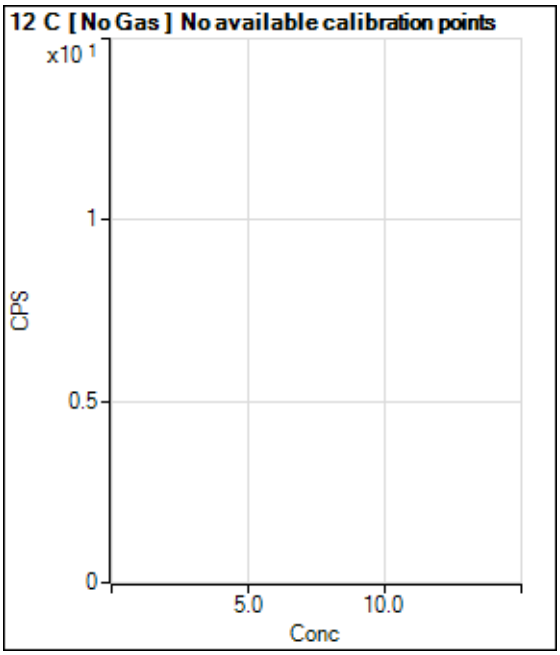
R = 0.9998

DL = 0.01104

BEC = 0.062

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3277553.08		A	1.3
2	☐			3570795.50		A	1.3
3	☐			3690193.66		A	0.8
4	☐			3818881.02		A	1.1
5	☐			3871358.62		A	0.6
6	☐			4098550.50		A	1.9
7	☐			5247832.42		A	4.1
8	☐			4169754.97		A	2.9

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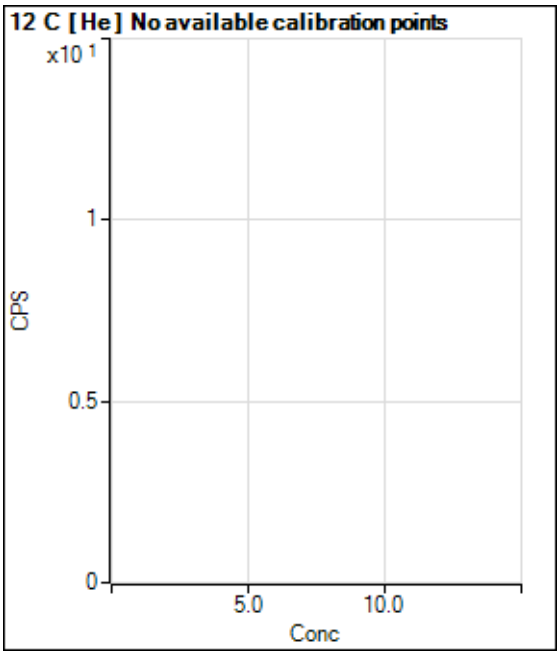
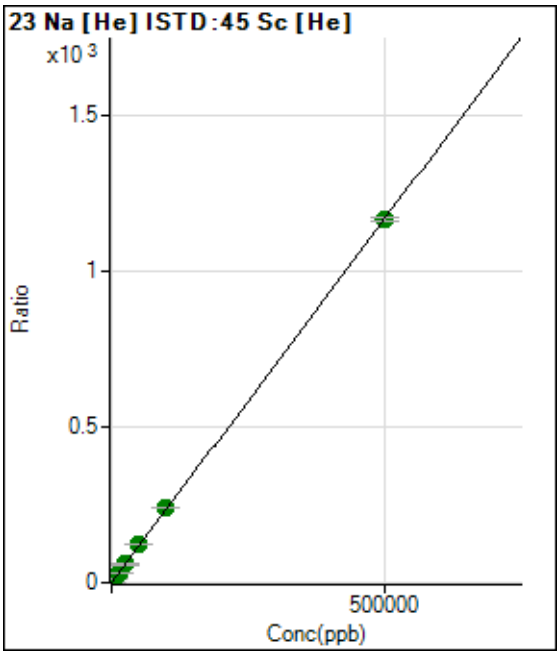


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			21700.52		P	0.6
2	☐			23612.41		P	1.1
3	☐			25010.19		P	1.3
4	☐			25551.13		P	0.7
5	☐			26433.79		P	0.1
6	☐			29677.74		P	1.0
7	☐			39303.60		P	0.8
8	☐			39841.59		P	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72986.61	0.3353	P	1.3
2	☐	500.000	523.829	348224.53	1.5557	P	6.9
3	☐	5000.000	5462.187	2751366.28	13.0618	A	0.6
4	☐	12500.000	12796.998	6475475.87	30.1515	A	5.1
5	☐	25000.000	25536.343	12673001.62	59.8334	A	7.1
6	☐	50000.000	52799.163	25162816.01	123.3540	A	0.7
7	☐	100000.00	103908.90	49702598.70	242.4366	A	0.8
8	☐	500000.00	498899.41	224071821.1	1,162.740	A	0.9

y = 0.0023 * x + 0.3353
R = 1.0000
DL = 5.762
BEC = 143.9

Weight: <None>
Min Conc: 0

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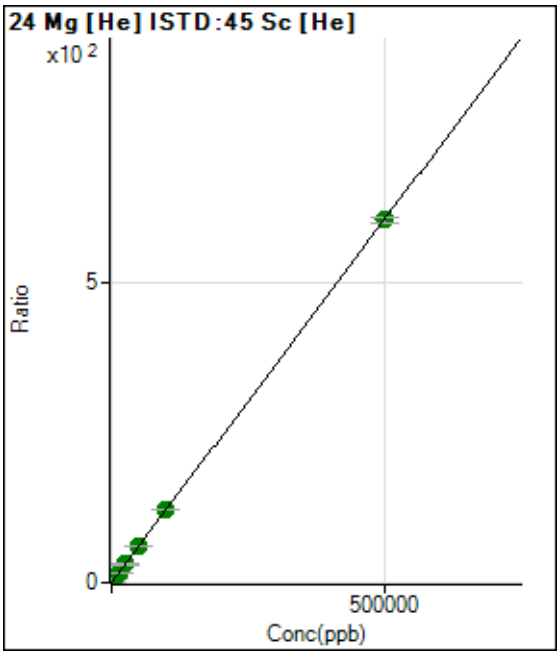
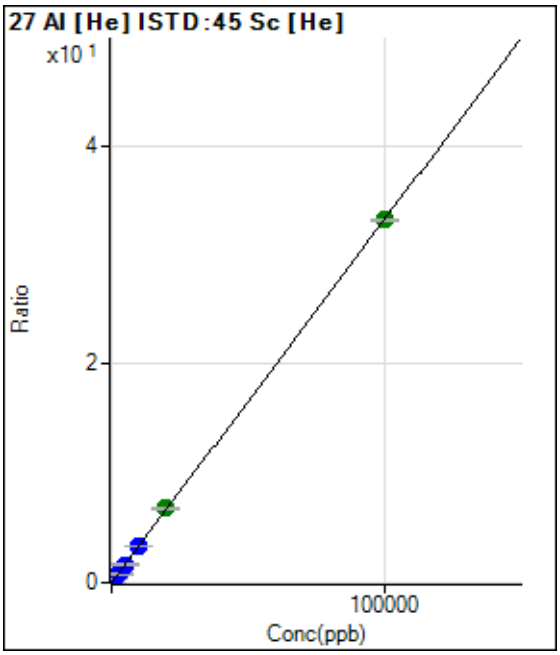


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	3414.88	0.0157	P	2.2
2		500.000	515.231	143388.87	0.6406	P	6.9
3		5000.000	5291.307	1355299.19	6.4338	A	1.1
4		12500.000	12706.917	3314128.18	15.4285	A	4.4
5		25000.000	25154.003	6459821.78	30.5261	A	8.8
6		50000.000	51070.780	12639278.98	61.9618	A	1.1
7		100000.00	101318.71	25198573.79	122.9098	A	0.8
8		500000.00	499613.37	116784412.7	606.0194	A	1.4

y = 0.0012 * x + 0.0157
R = 1.0000
DL = 0.8686
BEC = 12.93

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	83.33	0.0004	P	17.4
2		20.000	20.496	1607.89	0.0072	P	11.9
3		1000.000	1022.529	71705.46	0.3404	P	0.7
4		2500.000	2435.230	174024.20	0.8102	P	4.6
5		5000.000	4850.022	341578.41	1.6132	P	7.8
6		10000.000	10023.194	679993.51	3.3335	P	0.6
7		20000.000	20408.604	1391505.43	6.7870	A	0.7
8		100000.00	99924.853	6403919.07	33.2292	A	0.7

y = 3.3254E-004 * x + 3.8274E-004
R = 1.0000
DL = 0.5996
BEC = 1.151

Weight: <None>
Min Conc: 0

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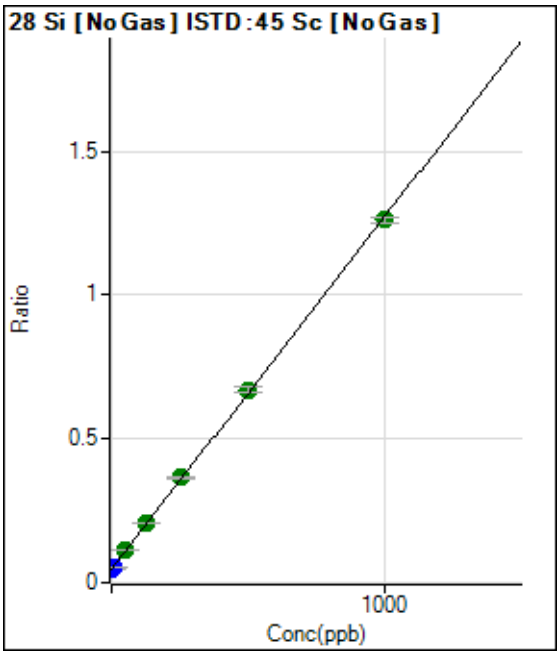
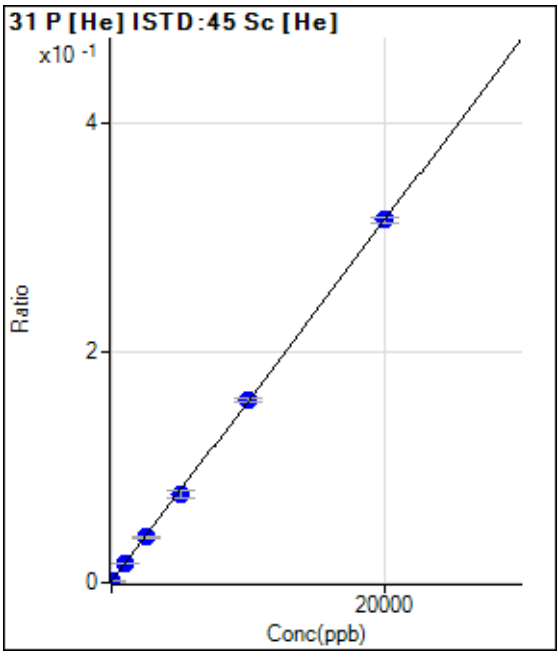


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	548174.43	0.0472	P	0.7
2	☐	10.000	6.823	641298.24	0.0556	P	0.4
3	☐	50.000	54.533	1290777.67	0.1140	A	1.9
4	☐	125.000	132.225	2346440.50	0.2092	A	1.0
5	☐	250.000	259.722	4040642.06	0.3653	A	0.5
6	☐	500.000	509.535	7370793.02	0.6713	A	2.4
7	☐	1000.000	991.704	13700052.57	1.2619	A	1.6
8	☐			649044.08	0.0646	P	0.5

y = 0.0012 * x + 0.0472
R = 0.9998
DL = 0.7757
BEC = 38.55

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-23.811	101.11	0.0005	P	10.0
2	☐	0.000	23.811	272.23	0.0012	P	13.2
3	☐	1000.000	1029.618	3582.70	0.0170	P	4.8
4	☐	2500.000	2452.993	8456.98	0.0394	P	3.8
5	☐	5000.000	4844.742	16288.10	0.0769	P	8.3
6	☐	10000.000	10055.085	32383.87	0.1588	P	1.8
7	☐	20000.000	20015.667	64617.32	0.3152	P	1.4
8	☐			121.11	0.0006	P	22.0

y = 1.5706E-005 * x + 8.3837E-004
R = 1.0000
DL = 19.71
BEC = 53.38

Weight: <None>
Min Conc: 0

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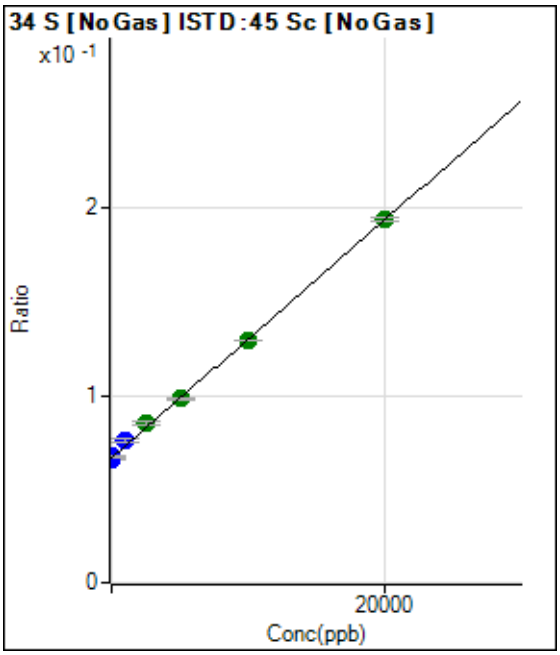
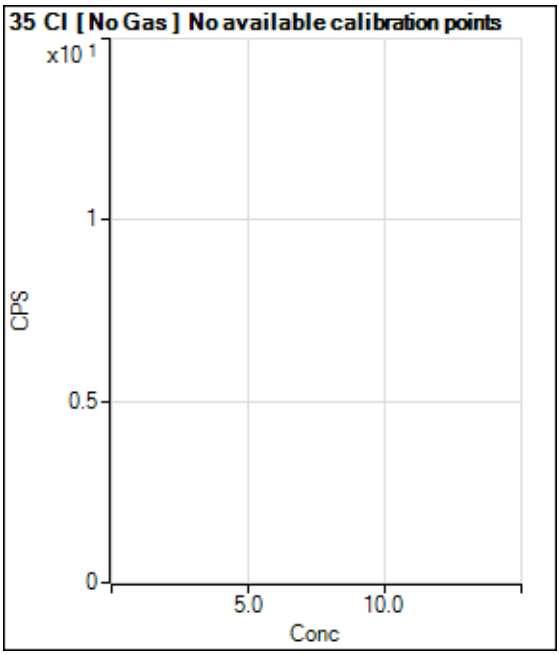


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-109.945	765499.79	0.0659	P	0.6
2	☐	0.000	109.945	777001.27	0.0673	P	0.4
3	☐	1000.000	1460.651	859542.39	0.0759	P	2.0
4	☐	2500.000	2954.281	958165.07	0.0854	A	2.3
5	☐	5000.000	4954.480	1085273.00	0.0981	A	0.4
6	☐	10000.000	9879.319	1421197.84	0.1294	A	0.5
7	☐	20000.000	19991.903	2102946.75	0.1937	A	1.1
8	☐			633217.21	0.0630	P	1.9

y = 6.3551E-006 * x + 0.0666
R = 0.9995
DL = 146.6
BEC = 1.049E+04

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			164371.30		P	0.6
2	☐			169056.43		P	0.7
3	☐			173424.87		P	0.7
4	☐			172547.87		P	0.3
5	☐			169774.86		P	0.4
6	☐			177453.35		P	0.9
7	☐			197486.92		P	1.1
8	☐			149658.93		P	0.7

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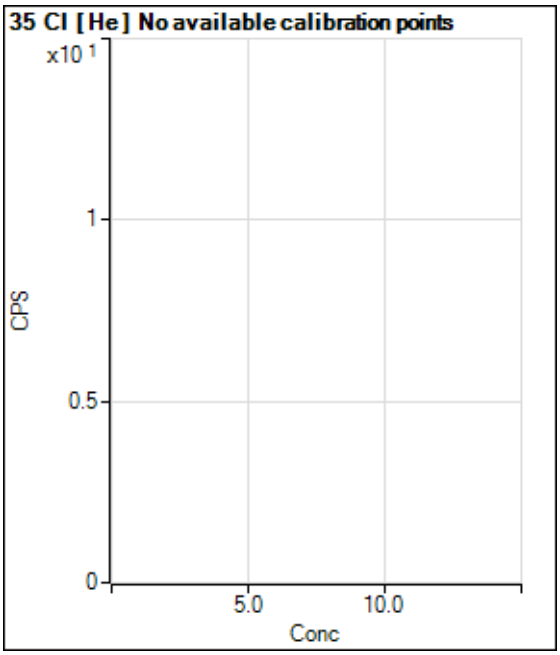
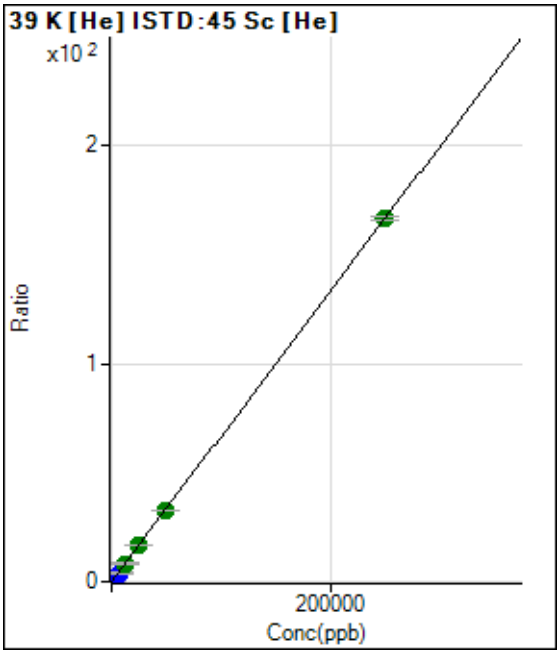


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			595.57		P	10.0
2	☐			730.03		P	9.4
3	☐			613.35		P	5.9
4	☐			664.47		P	5.4
5	☐			683.36		P	2.4
6	☐			721.14		P	17.2
7	☐			855.59		P	4.1
8	☐			604.46		P	10.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12445.44	0.0572	P	1.4
2	☐	500.000	490.301	85691.15	0.3828	P	6.7
3	☐	2500.000	2458.271	355960.81	1.6899	P	0.7
4	☐	6250.000	5880.977	851433.16	3.9631	P	3.8
5	☐	12500.000	12280.289	1738766.95	8.2134	A	8.1
6	☐	25000.000	25179.521	3423084.43	16.7807	A	0.2
7	☐	50000.000	48831.957	6661000.53	32.4899	A	0.7
8	☐	250000.00	250236.30	32038924.24	166.2567	A	0.9

y = 6.6417E-004 * x + 0.0572
R = 1.0000
DL = 3.615
BEC = 86.07

Weight: <None>
Min Conc: 0

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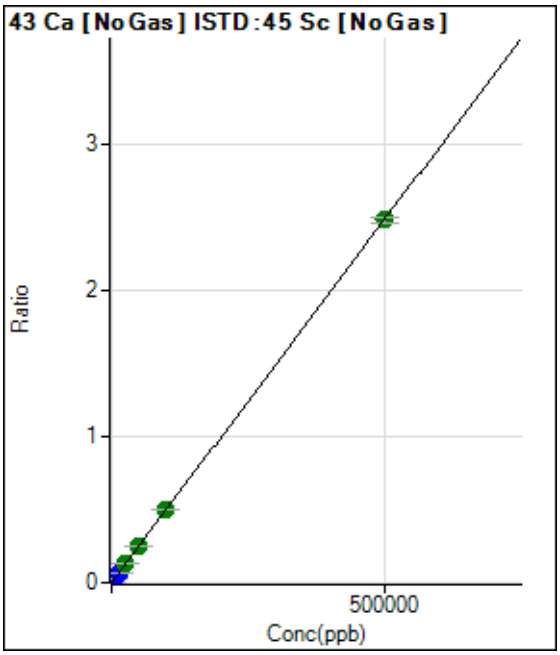
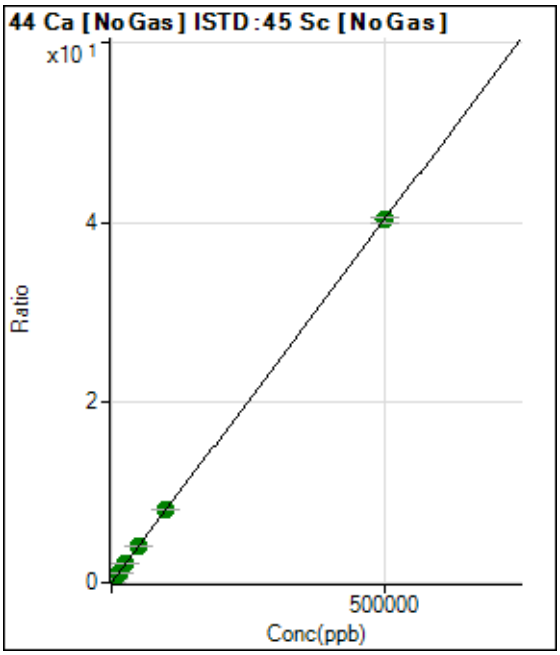


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2172.41	0.0002	P	4.0
2	☐	500.000	505.919	31201.69	0.0027	P	1.9
3	☐	5000.000	4975.564	282374.76	0.0249	P	1.7
4	☐	12500.000	12418.033	695162.60	0.0620	P	0.5
5	☐	25000.000	25800.824	1421822.77	0.1286	A	2.1
6	☐	50000.000	50921.977	2783904.61	0.2535	A	1.8
7	☐	100000.00	100991.41	5457333.60	0.5027	A	1.2
8	☐	500000.00	499671.76	24994533.24	2.4863	A	1.3

y = 4.9754E-006 * x + 1.8718E-004
R = 1.0000
DL = 4.56
BEC = 37.62

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55783.10	0.0048	P	1.2
2	☐	500.000	502.499	523455.29	0.0454	P	0.4
3	☐	5000.000	5156.984	4766512.67	0.4211	A	2.7
4	☐	12500.000	12666.767	11523605.80	1.0273	A	0.3
5	☐	25000.000	25385.378	22715034.38	2.0539	A	1.0
6	☐	50000.000	50323.629	44655754.34	4.0670	A	1.3
7	☐	100000.00	101010.96	88577615.35	8.1585	A	0.9
8	☐	500000.00	499740.43	405571033.9	40.3444	A	1.6

y = 8.0721E-005 * x + 0.0048
R = 1.0000
DL = 2.082
BEC = 59.54

Weight: <None>
Min Conc: 0

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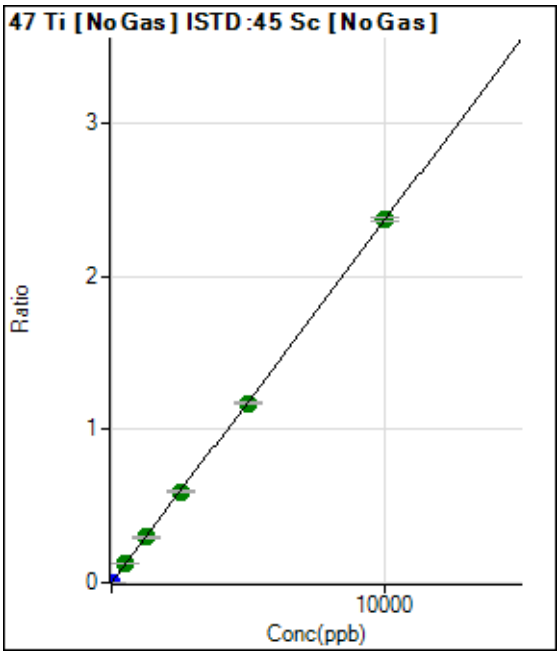
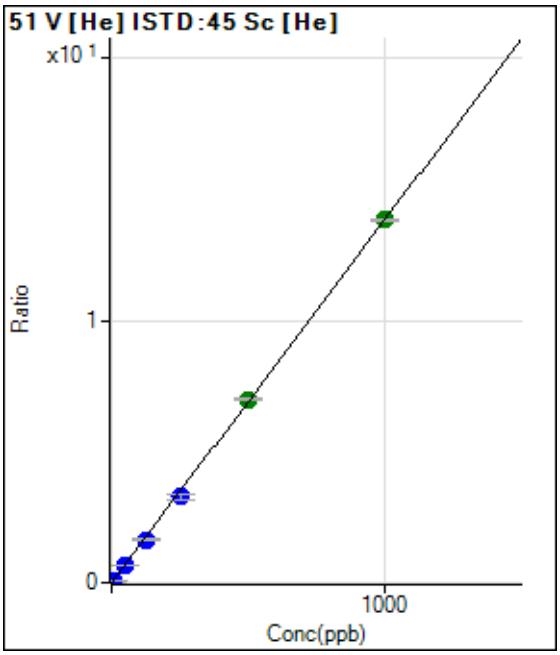


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.22	0.0000	P	23.7
2	☐	5.000	5.255	14535.23	0.0013	P	3.0
3	☐	500.000	515.164	1380152.02	0.1219	A	1.8
4	☐	1250.000	1250.612	3319560.92	0.2959	A	0.5
5	☐	2500.000	2521.014	6597093.03	0.5965	A	0.7
6	☐	5000.000	4955.381	12874400.37	1.1725	A	1.4
7	☐	10000.000	10016.221	25731472.39	2.3700	A	0.9
8	☐			3249.30	0.0003	P	1.4

y = 2.3662E-004 * x + 1.6546E-005
R = 1.0000
DL = 0.04977
BEC = 0.06993

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0001	P	66.9
2	☐	5.000	5.077	15732.05	0.0703	P	8.7
3	☐	50.000	48.903	142484.15	0.6764	P	0.9
4	☐	125.000	117.697	349641.11	1.6278	P	4.7
5	☐	250.000	237.332	695082.48	3.2824	P	7.5
6	☐	500.000	506.116	1427815.34	6.9996	A	1.2
7	☐	1000.000	1001.076	2838399.30	13.8447	A	0.8
8	☐			718.91	0.0037	P	10.7

y = 0.0138 * x + 1.1739E-004
R = 0.9999
DL = 0.01704
BEC = 0.008489

Weight: <None>
Min Conc: 0

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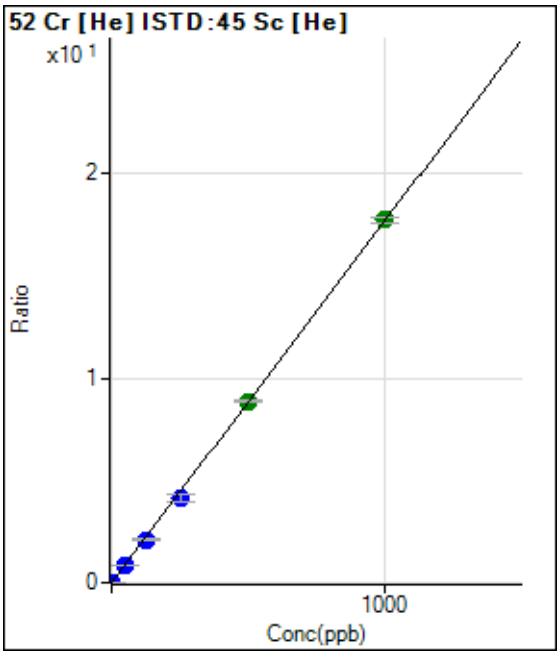
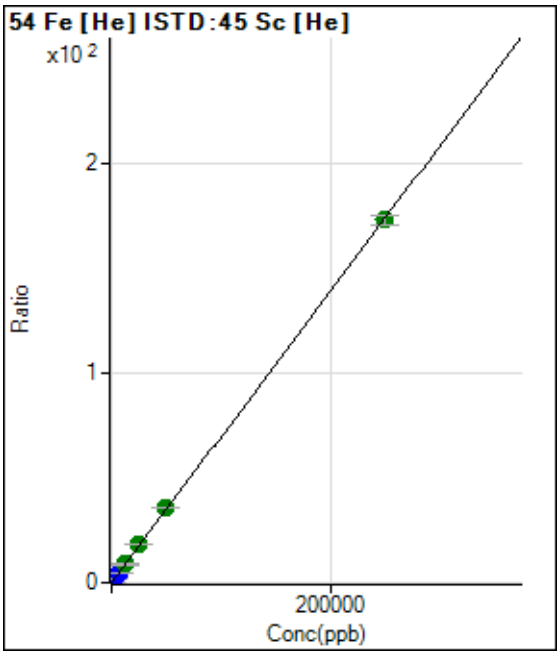


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	884.48	0.0041	P	4.9
2	☐	2.000	2.029	8932.87	0.0399	P	7.9
3	☐	50.000	49.170	183931.25	0.8732	P	0.7
4	☐	125.000	117.450	446803.17	2.0801	P	4.6
5	☐	250.000	235.035	880314.81	4.1586	P	8.2
6	☐	500.000	501.557	1809268.64	8.8697	A	1.5
7	☐	1000.000	1003.948	3638939.25	17.7501	A	1.3
8	☐			10850.87	0.0563	P	2.4

y = 0.0177 * x + 0.0041
R = 0.9999
DL = 0.03392
BEC = 0.2298

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	423.34	0.0019	P	1.6
2	☐	50.000	54.461	8888.39	0.0397	P	7.8
3	☐	2500.000	2647.916	387344.03	1.8388	P	0.6
4	☐	6250.000	6271.506	934892.25	4.3524	P	4.6
5	☐	12500.000	13001.621	1909931.19	9.0210	A	7.9
6	☐	25000.000	26435.971	3741155.46	18.3402	A	1.2
7	☐	50000.000	52038.529	7401166.00	36.1003	A	0.5
8	☐	250000.00	249421.59	33338620.06	173.0221	A	2.3

y = 6.9369E-004 * x + 0.0019
R = 1.0000
DL = 0.1318
BEC = 2.803

Weight: <None>
Min Conc: 0

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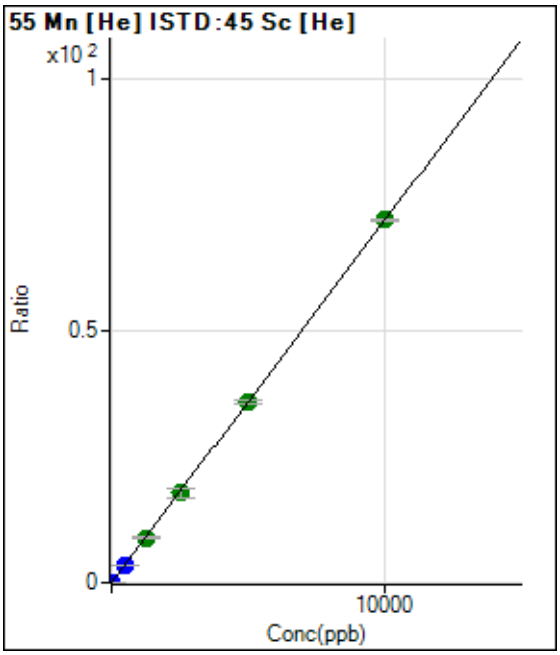
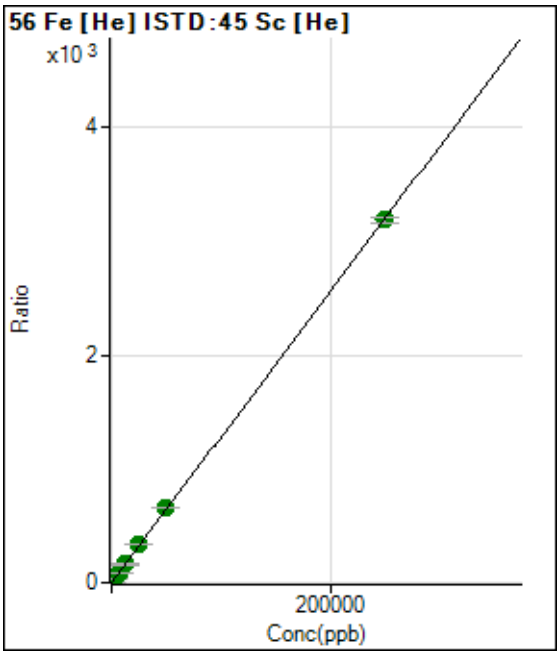


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	170.01	0.0008	P	12.2
2	☐	1.000	0.974	1750.13	0.0078	P	1.6
3	☐	500.000	498.601	755588.48	3.5871	P	1.1
4	☐	1250.000	1226.409	1894994.45	8.8221	A	4.5
5	☐	2500.000	2470.761	3760204.70	17.7726	A	9.2
6	☐	5000.000	4979.349	7305930.80	35.8165	A	1.7
7	☐	10000.000	10020.654	14777179.50	72.0778	A	0.3
8	☐			6347.02	0.0329	P	3.5

y = 0.0072 * x + 7.8087E-004
R = 1.0000
DL = 0.03973
BEC = 0.1086

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5323.27	0.0245	P	2.9
2	☐	50.000	53.600	158640.78	0.7087	P	6.6
3	☐	2500.000	2643.497	7113253.09	33.7696	A	1.0
4	☐	6250.000	6322.582	17343413.91	80.7344	A	4.1
5	☐	12500.000	12718.263	34375219.49	162.3775	A	8.1
6	☐	25000.000	26173.526	68160248.99	334.1386	A	0.8
7	☐	50000.000	51456.789	134672341.3	656.8883	A	1.2
8	☐	250000.00	249577.12	613908439.7	3,185.963	A	1.8

y = 0.0128 * x + 0.0245
R = 1.0000
DL = 0.165
BEC = 1.915

Weight: <None>
Min Conc: 0

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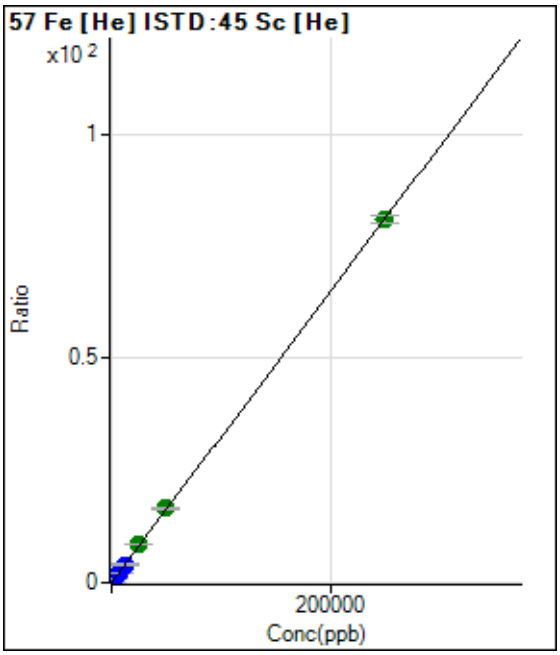
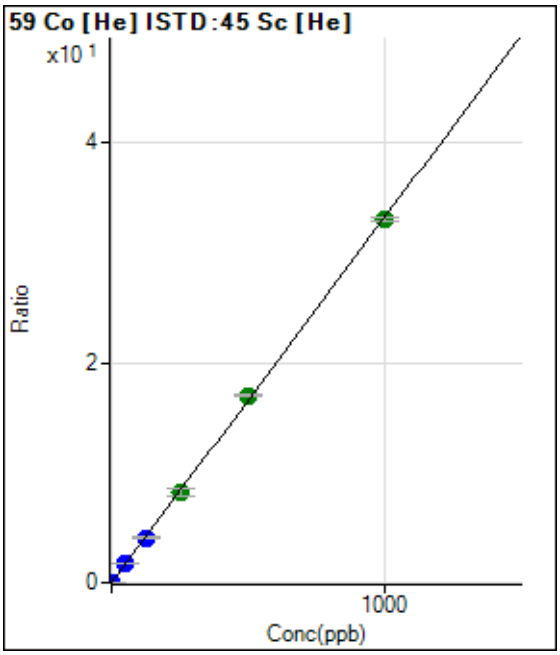


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0007	P	10.0
2	☐	50.000	53.013	3998.38	0.0179	P	10.9
3	☐	2500.000	2564.119	175063.67	0.8311	P	0.8
4	☐	6250.000	6124.217	426168.63	1.9839	P	4.3
5	☐	12500.000	12176.272	835067.21	3.9438	P	7.7
6	☐	25000.000	26288.668	1736734.47	8.5138	A	1.1
7	☐	50000.000	50987.996	3385356.13	16.5123	A	0.2
8	☐	250000.00	249692.22	15580552.68	80.8591	A	2.0

y = 3.2383E-004 * x + 7.2474E-004
R = 1.0000
DL = 0.6712
BEC = 2.238

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0005	P	13.1
2	☐	1.000	1.087	8187.98	0.0366	P	6.0
3	☐	50.000	50.966	356521.31	1.6926	P	1.1
4	☐	125.000	121.971	870110.76	4.0500	P	3.8
5	☐	250.000	249.294	1752152.56	8.2773	A	8.2
6	☐	500.000	513.510	3477996.47	17.0495	A	0.7
7	☐	1000.000	993.752	6764380.04	32.9940	A	1.0
8	☐			13555.44	0.0704	P	4.0

y = 0.0332 * x + 4.6951E-004
R = 0.9999
DL = 0.005561
BEC = 0.01414

Weight: <None>
Min Conc: 0

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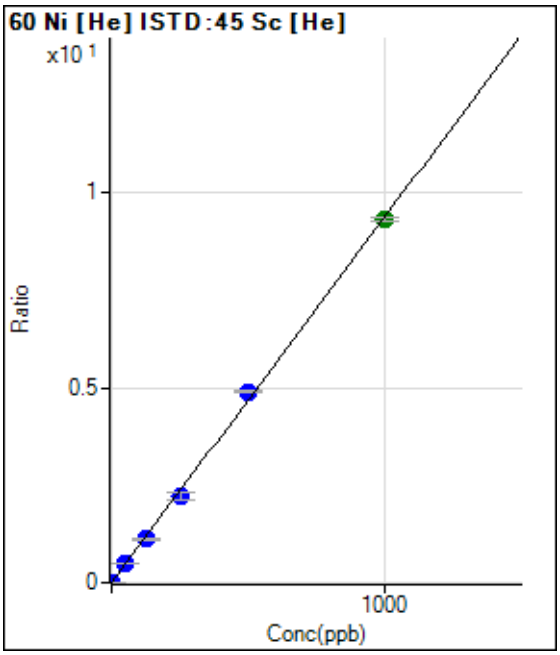
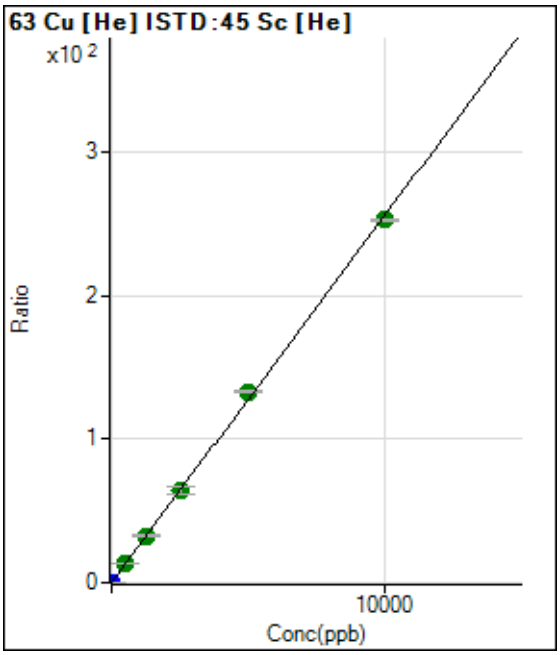


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	988.93	0.0045	P	5.8
2	☐	1.000	0.977	3064.80	0.0137	P	8.5
3	☐	50.000	50.568	100813.82	0.4786	P	1.3
4	☐	125.000	118.886	240398.06	1.1191	P	4.2
5	☐	250.000	237.060	471510.55	2.2269	P	7.8
6	☐	500.000	521.556	998330.44	4.8941	P	0.8
7	☐	1000.000	993.193	1909809.96	9.3156	A	1.0
8	☐			6771.68	0.0351	P	4.2

y = 0.0094 * x + 0.0045
R = 0.9996
DL = 0.08484
BEC = 0.4845

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2688.06	0.0123	P	4.9
2	☐	2.000	2.155	15090.35	0.0674	P	7.1
3	☐	500.000	539.718	2908450.62	13.8083	A	1.7
4	☐	1250.000	1275.037	7003635.45	32.6041	A	4.5
5	☐	2500.000	2513.444	13611420.49	64.2595	A	7.0
6	☐	5000.000	5202.116	27128132.93	132.9858	A	0.8
7	☐	10000.000	9890.465	51834752.00	252.8267	A	0.3
8	☐			10973.21	0.0570	P	4.3

y = 0.0256 * x + 0.0123
R = 0.9997
DL = 0.0709
BEC = 0.483

Weight: <None>
Min Conc: 0

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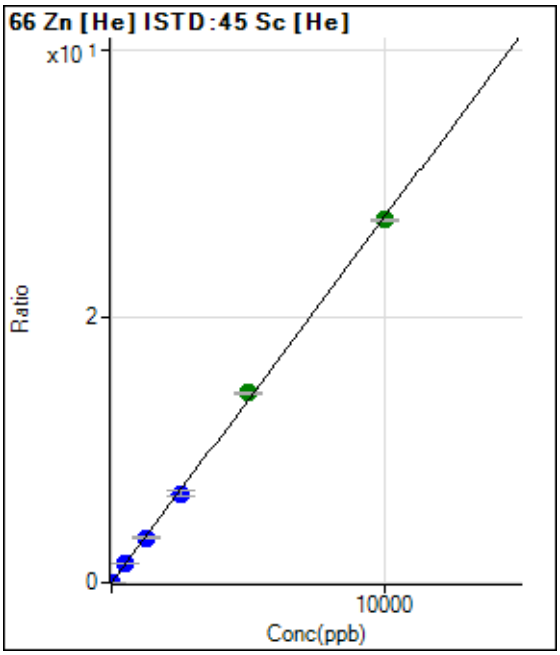
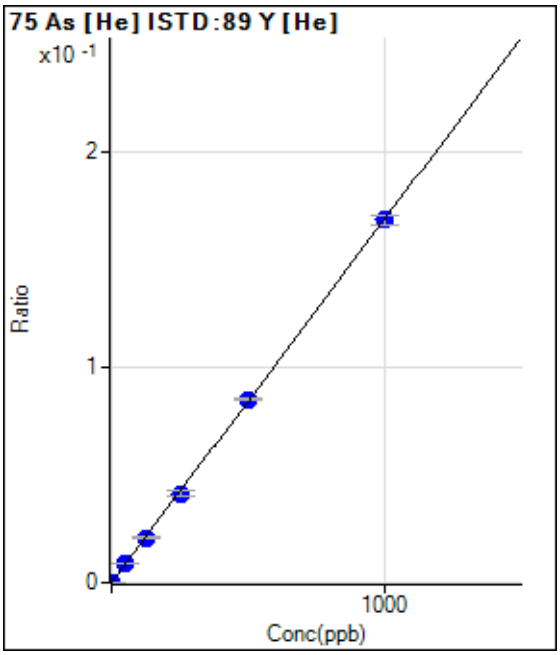


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	332.23	0.0015	P	13.9
2	☐	2.000	5.054	3446.01	0.0154	P	8.2
3	☐	500.000	513.575	297395.98	1.4119	P	0.6
4	☐	1250.000	1224.939	722882.45	3.3653	P	4.5
5	☐	2500.000	2441.654	1420092.34	6.7065	P	7.7
6	☐	5000.000	5184.239	2904388.98	14.2379	A	0.3
7	☐	10000.000	9924.920	5588058.74	27.2563	A	0.5
8	☐			3039.24	0.0158	P	5.4

y = 0.0027 * x + 0.0015
R = 0.9997
DL = 0.2312
BEC = 0.5557

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.45	0.0000	P	26.6
2	☐	1.000	1.094	390.01	0.0002	P	23.1
3	☐	50.000	51.802	16820.10	0.0087	P	0.6
4	☐	125.000	123.993	40896.97	0.0209	P	5.0
5	☐	250.000	245.984	80376.21	0.0415	P	6.3
6	☐	500.000	504.745	160763.20	0.0851	P	1.2
7	☐	1000.000	998.667	317696.52	0.1683	P	2.4
8	☐			180.00	0.0001	P	11.8

y = 1.6852E-004 * x + 7.2162E-006
R = 1.0000
DL = 0.03414
BEC = 0.04282

Weight: <None>
Min Conc: 0

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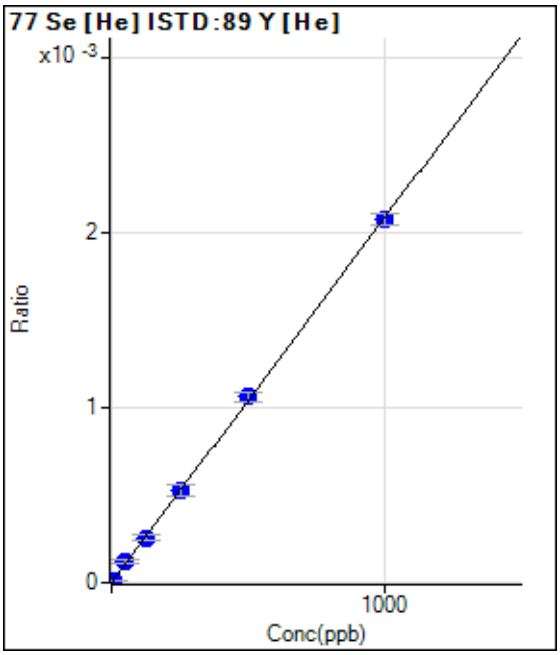
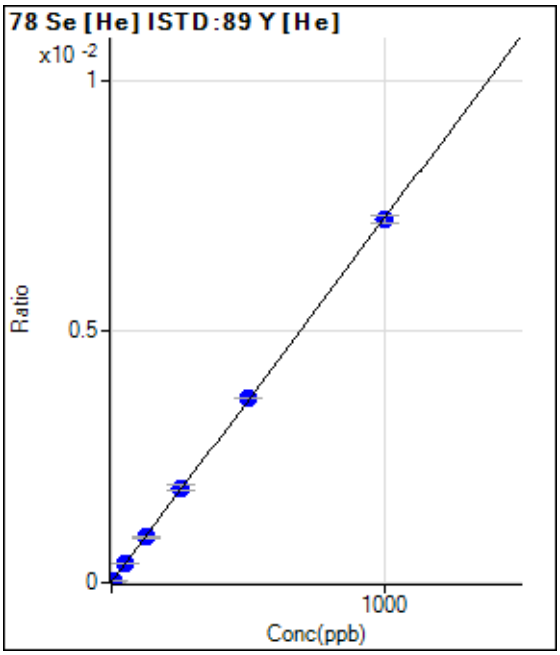


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.174	22.22	0.0000	P	38.8
3	☐	50.000	55.675	223.34	0.0001	P	18.8
4	☐	125.000	123.869	505.57	0.0003	P	16.4
5	☐	250.000	251.151	1012.27	0.0005	P	12.2
6	☐	500.000	509.751	2006.83	0.0011	P	4.6
7	☐	1000.000	994.693	3912.81	0.0021	P	3.1
8	☐			3.33	0.0000	P	101.0

y = 2.0841E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.7
2	☐	5.000	5.614	96.67	0.0000	P	18.0
3	☐	50.000	51.726	733.36	0.0004	P	6.1
4	☐	125.000	124.182	1772.36	0.0009	P	4.4
5	☐	250.000	260.128	3662.73	0.0019	P	7.7
6	☐	500.000	504.668	6921.77	0.0037	P	0.3
7	☐	1000.000	995.147	13620.01	0.0072	P	2.1
8	☐			13.33	0.0000	P	73.7

y = 7.2440E-006 * x + 6.1067E-006
R = 0.9999
DL = 1.055
BEC = 0.843

Weight: <None>
Min Conc: 0

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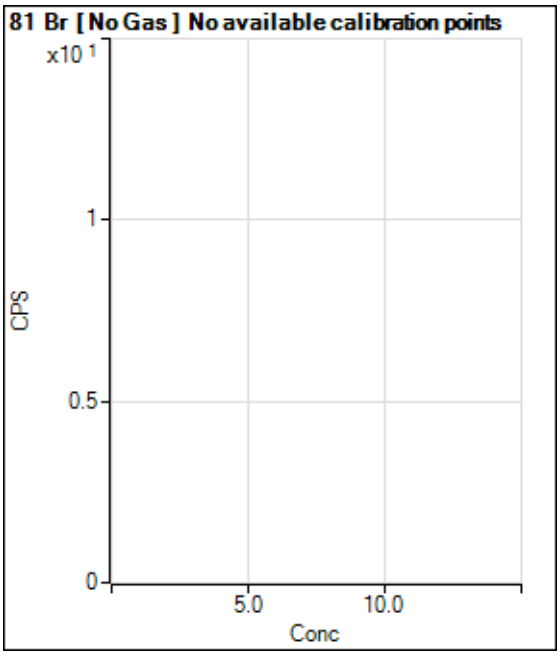
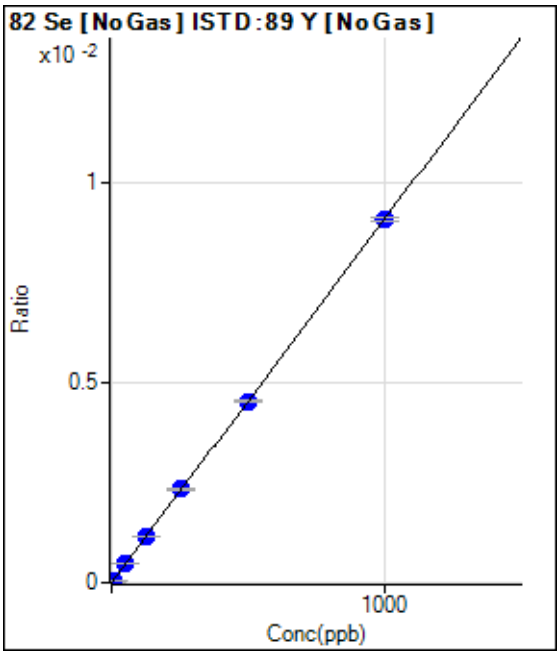


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4298.50		P	2.2
2	☐			4171.78		P	1.0
3	☐			4212.89		P	1.1
4	☐			4012.84		P	2.2
5	☐			3797.22		P	4.0
6	☐			3712.76		P	2.4
7	☐			3973.95		P	6.1
8	☐			3955.05		P	6.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-1.11	0.0000	P	-4332.
2	☐	5.000	5.440	1430.12	0.0000	P	6.1
3	☐	50.000	52.731	13514.63	0.0005	P	2.0
4	☐	125.000	128.299	32551.74	0.0012	P	1.5
5	☐	250.000	258.115	64822.28	0.0023	P	1.6
6	☐	500.000	498.380	125721.23	0.0045	P	0.8
7	☐	1000.000	998.230	251512.20	0.0091	P	1.2
8	☐			-12.23	0.0000	P	-305.0

y = 9.0845E-006 * x - 3.4397E-008
R = 1.0000
DL = 0.4921
BEC = -0.003786

Weight: <None>
Min Conc: 0

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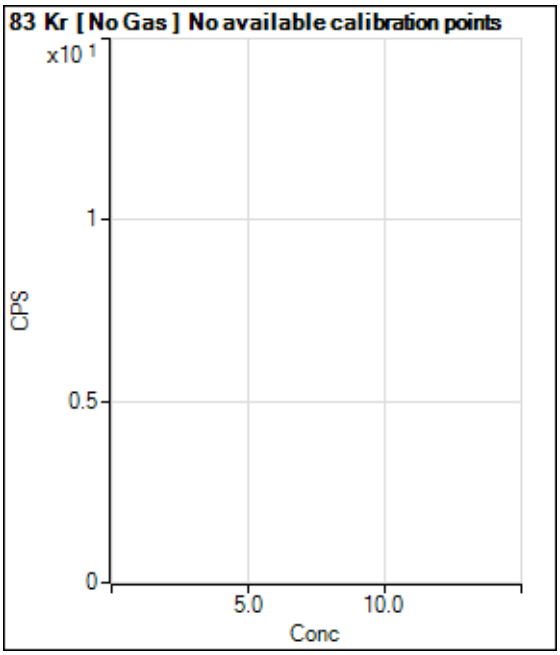
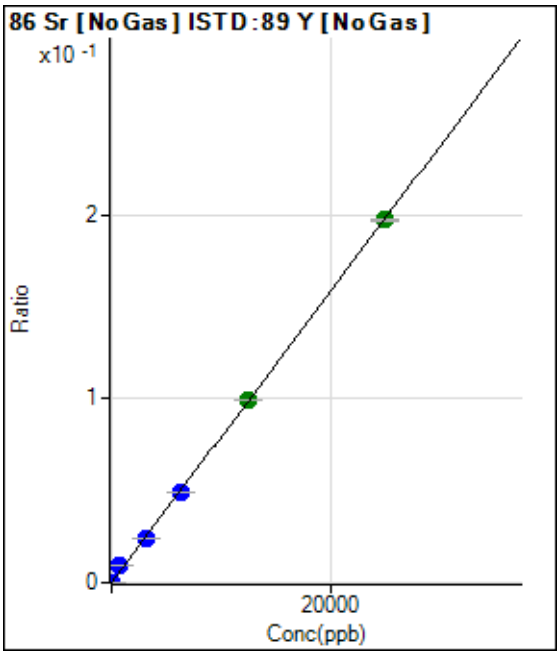


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			274.45		P	4.6
2	☐			275.56		P	8.6
3	☐			284.45		P	2.4
4	☐			266.67		P	13.5
5	☐			267.78		P	14.4
6	☐			301.12		P	12.6
7	☐			286.67		P	7.1
8	☐			315.57		P	10.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	623.35	0.0000	P	6.4
2	☐	1.000	25.741	6512.69	0.0002	P	2.1
3	☐	625.000	1231.459	275394.98	0.0098	P	1.4
4	☐	3125.000	3070.481	678797.65	0.0243	P	0.2
5	☐	6250.000	6191.874	1354341.93	0.0490	P	1.1
6	☐	12500.000	12580.260	2763362.15	0.0995	A	0.8
7	☐	25000.000	24966.054	5477034.09	0.1975	A	0.6
8	☐			16137.20	0.0006	P	1.1

y = 7.9085E-006 * x + 2.1400E-005
R = 0.9997
DL = 0.523
BEC = 2.706

Weight: <None>
Min Conc: 0

Reviewed By:kareem
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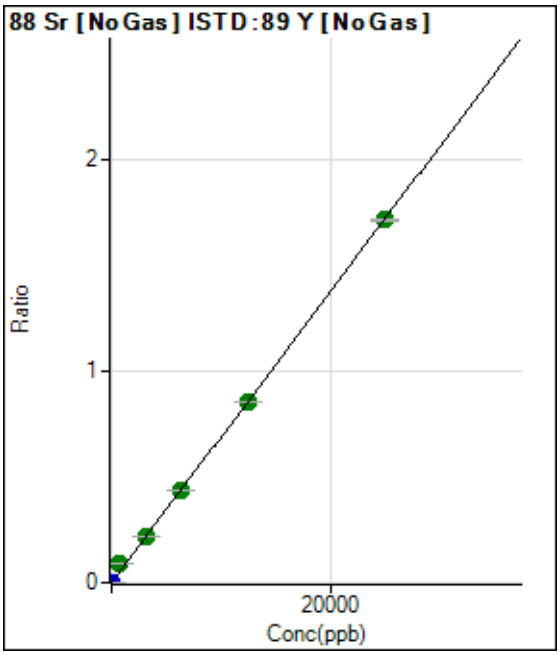
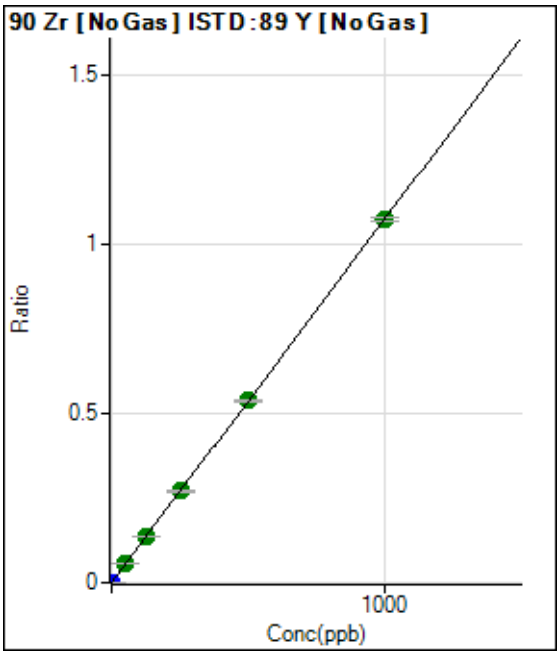
Inst Id :P8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1213.40	0.0000	P	1.8
2	☐	1.000	25.594	52029.69	0.0018	P	0.5
3	☐	625.000	1293.375	2504447.25	0.0888	A	1.1
4	☐	3125.000	3160.981	6056572.13	0.2169	A	0.5
5	☐	6250.000	6305.104	11957059.41	0.4325	A	0.2
6	☐	12500.000	12482.103	23776606.87	0.8562	A	0.2
7	☐	25000.000	24973.964	47513441.51	1.7130	A	0.3
8	☐			140102.43	0.0054	P	0.2

y = 6.8591E-005 * x + 4.1656E-005
R = 0.9997
DL = 0.03218
BEC = 0.6073

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1012.27	0.0000	P	11.6
2	☐	1.000	1.008	32274.02	0.0011	P	2.1
3	☐	50.000	51.419	1556113.13	0.0551	A	1.1
4	☐	125.000	128.479	3847134.91	0.1377	A	0.3
5	☐	250.000	251.673	7458600.51	0.2698	A	0.3
6	☐	500.000	500.640	14901822.28	0.5367	A	1.1
7	☐	1000.000	998.756	29692303.72	1.0706	A	0.9
8	☐			46990.08	0.0018	P	0.7

y = 0.0011 * x + 3.4754E-005
R = 1.0000
DL = 0.01128
BEC = 0.03242

Weight: <None>
Min Conc: 0

Reviewed By:kareem
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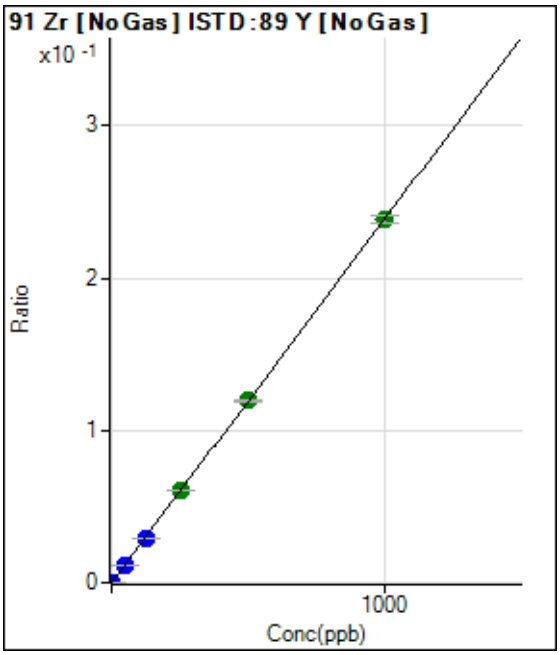
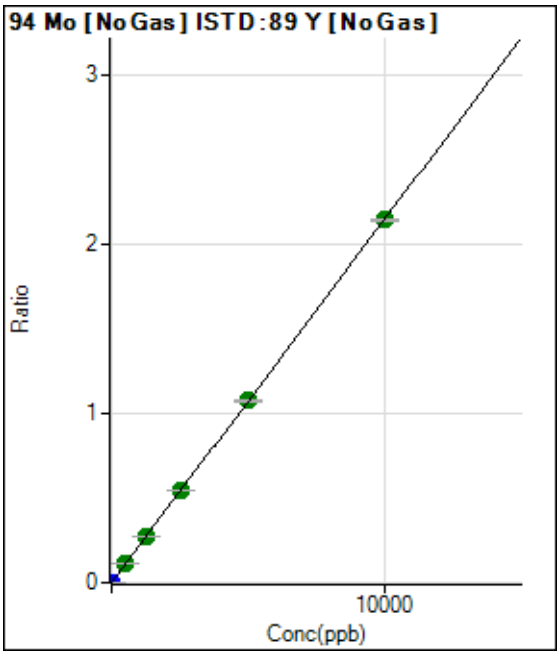
Inst Id :P8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	198.89	0.0000	P	11.0
2	☐	1.000	0.982	6980.70	0.0002	P	2.6
3	☐	50.000	48.531	326971.08	0.0116	P	2.2
4	☐	125.000	121.407	809452.51	0.0290	P	0.2
5	☐	250.000	255.841	1688243.98	0.0611	A	0.3
6	☐	500.000	501.152	3321472.83	0.1196	A	1.0
7	☐	1000.000	998.486	6609171.36	0.2383	A	2.3
8	☐			10254.97	0.0004	P	3.1

y = 2.3867E-004 * x + 6.8275E-006
R = 1.0000
DL = 0.009404
BEC = 0.02861

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	415.57	0.0000	P	10.1
2	☐	5.000	5.992	37693.23	0.0013	P	2.0
3	☐	500.000	509.268	3088390.16	0.1095	A	2.1
4	☐	1250.000	1259.313	7559385.51	0.2707	A	0.3
5	☐	2500.000	2531.961	15044110.61	0.5442	A	0.6
6	☐	5000.000	5006.004	29875244.83	1.0759	A	1.2
7	☐	10000.000	9987.380	59536051.33	2.1465	A	0.3
8	☐			41332.30	0.0016	P	1.2

y = 2.1492E-004 * x + 1.4267E-005
R = 1.0000
DL = 0.02012
BEC = 0.06638

Weight: <None>
Min Conc: 0

Reviewed By:kareem
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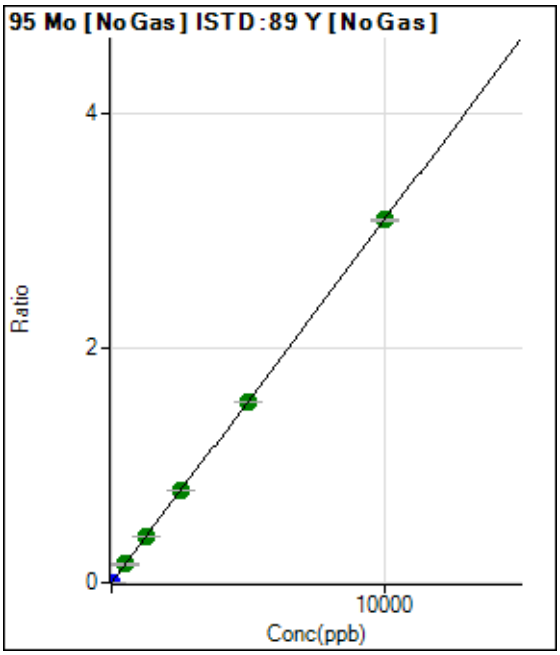
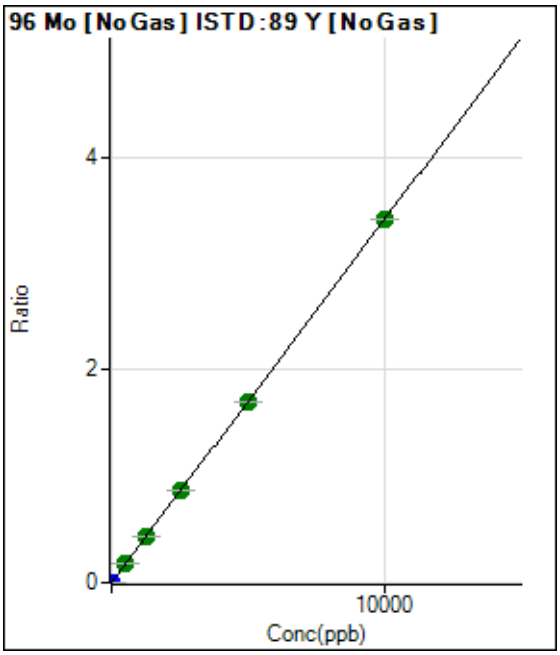


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	13.4
2	☐	5.000	5.022	45146.42	0.0016	P	1.8
3	☐	500.000	508.578	4441610.63	0.1574	A	2.1
4	☐	1250.000	1259.048	10884913.24	0.3897	A	1.2
5	☐	2500.000	2546.053	21788147.59	0.7881	A	0.6
6	☐	5000.000	4979.857	42803466.31	1.5415	A	1.0
7	☐	10000.000	9996.998	85828205.95	3.0945	A	0.8
8	☐			42130.32	0.0016	P	0.9

y = 3.0954E-004 * x + 5.0720E-006
R = 1.0000
DL = 0.0066
BEC = 0.01639

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.00	0.0000	P	6.9
2	☐	5.000	5.103	50625.23	0.0017	P	1.4
3	☐	500.000	514.153	4948223.78	0.1754	A	2.5
4	☐	1250.000	1263.413	12036936.62	0.4310	A	0.9
5	☐	2500.000	2559.800	24140739.92	0.8732	A	0.6
6	☐	5000.000	4983.067	47202250.96	1.6998	A	0.6
7	☐	10000.000	9991.132	94531001.92	3.4082	A	0.2
8	☐			48769.87	0.0019	P	2.7

y = 3.4112E-004 * x + 7.8951E-006
R = 1.0000
DL = 0.00477
BEC = 0.02314

Weight: <None>
Min Conc: 0

Reviewed By:kareem
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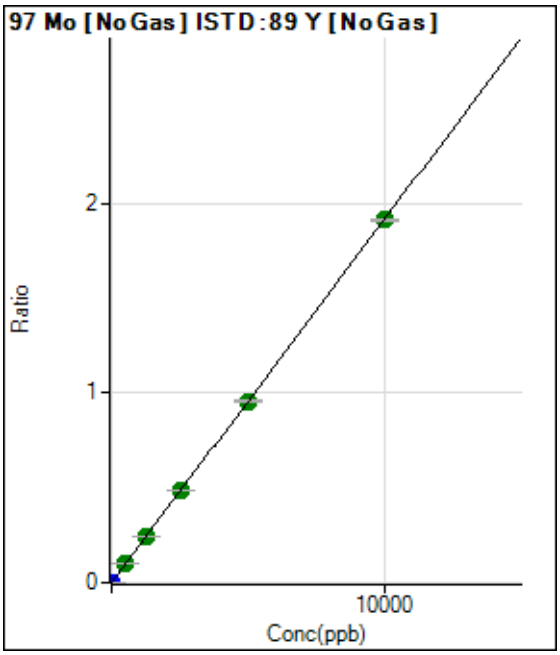
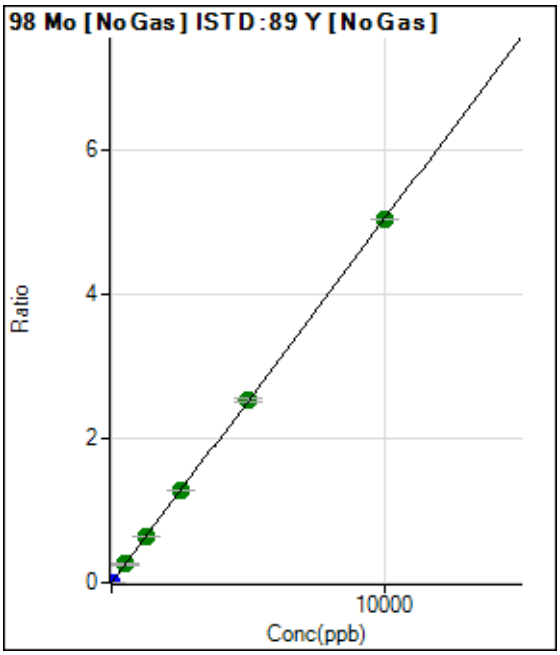
Inst Id :P8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0000	P	3.8
2	☐	5.000	5.104	28396.88	0.0010	P	1.7
3	☐	500.000	512.960	2770801.31	0.0982	A	2.9
4	☐	1250.000	1270.487	6794045.80	0.2433	A	0.7
5	☐	2500.000	2554.352	13521252.44	0.4891	A	0.8
6	☐	5000.000	4998.388	26577231.83	0.9570	A	0.1
7	☐	10000.000	9984.009	53023161.99	1.9116	A	0.5
8	☐			26352.85	0.0010	P	2.5

y = 1.9147E-004 * x + 3.5860E-006
R = 1.0000
DL = 0.002137
BEC = 0.01873

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	248.89	0.0000	P	23.3
2	☐	5.000	5.044	74020.30	0.0026	P	2.2
3	☐	500.000	507.323	7231869.54	0.2563	A	2.2
4	☐	1250.000	1255.436	17715587.93	0.6343	A	1.0
5	☐	2500.000	2553.525	35667406.69	1.2902	A	0.4
6	☐	5000.000	5019.232	70414303.95	2.5360	A	1.7
7	☐	10000.000	9975.957	139802240.1	5.0403	A	0.1
8	☐			66992.77	0.0026	P	1.4

y = 5.0525E-004 * x + 8.5405E-006
R = 1.0000
DL = 0.01182
BEC = 0.0169

Weight: <None>
Min Conc: 0

Reviewed By:kareem
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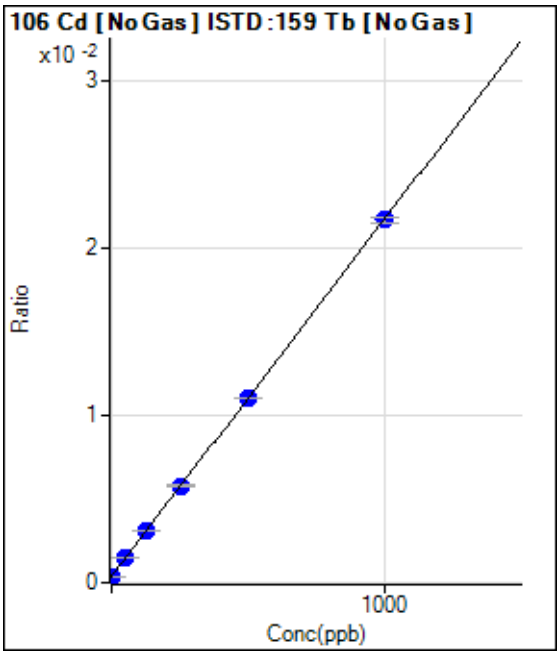
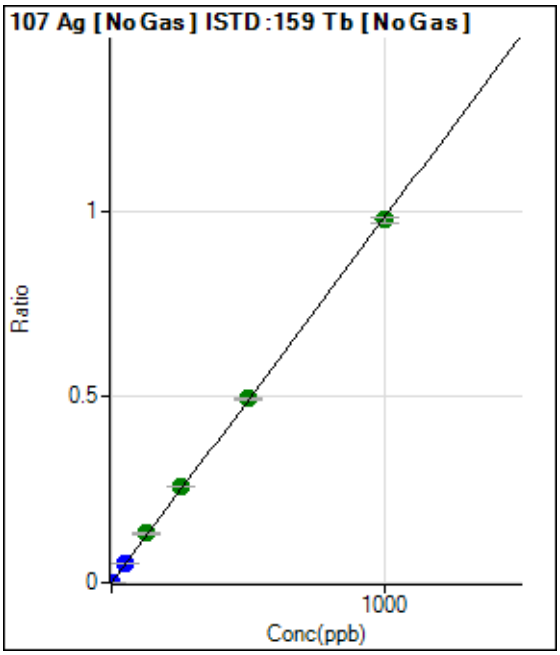


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8262.55	0.0004	P	1.7
2	☐	1.000	1.428	8730.62	0.0004	P	0.2
3	☐	50.000	54.332	33110.83	0.0015	P	2.1
4	☐	125.000	129.704	68442.99	0.0031	P	1.0
5	☐	250.000	254.277	127461.40	0.0058	P	0.8
6	☐	500.000	500.211	241481.02	0.0111	P	0.6
7	☐	1000.000	998.020	473675.67	0.0217	P	1.7
8	☐			7320.91	0.0004	P	1.9

y = 2.1388E-005 * x + 3.7039E-004
R = 1.0000
DL = 0.895
BEC = 17.32

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	190.00	0.0000	P	11.9
2	☐	1.000	1.058	22801.15	0.0010	P	2.1
3	☐	50.000	52.490	1113344.65	0.0515	P	2.5
4	☐	125.000	135.245	2889538.43	0.1328	A	1.7
5	☐	250.000	263.304	5670889.57	0.2585	A	1.4
6	☐	500.000	503.061	10772329.28	0.4938	A	1.2
7	☐	1000.000	993.738	21276313.71	0.9754	A	1.5
8	☐			3792.79	0.0002	P	6.3

y = 9.8155E-004 * x + 8.5148E-006
R = 0.9999
DL = 0.003087
BEC = 0.008675

Weight: <None>
Min Conc: 0

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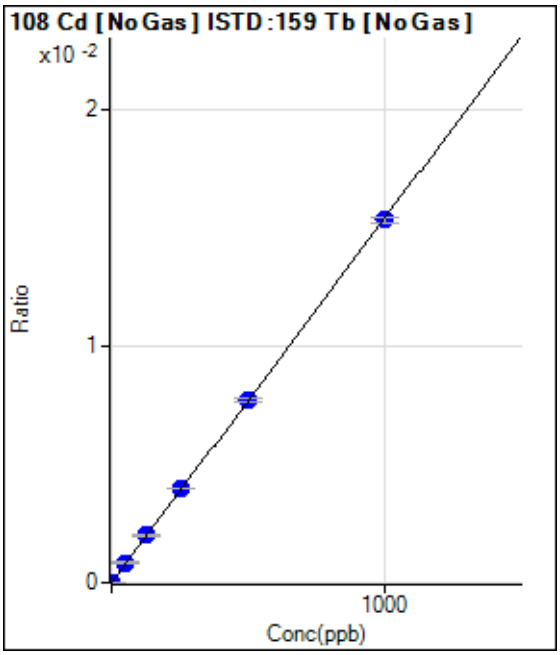
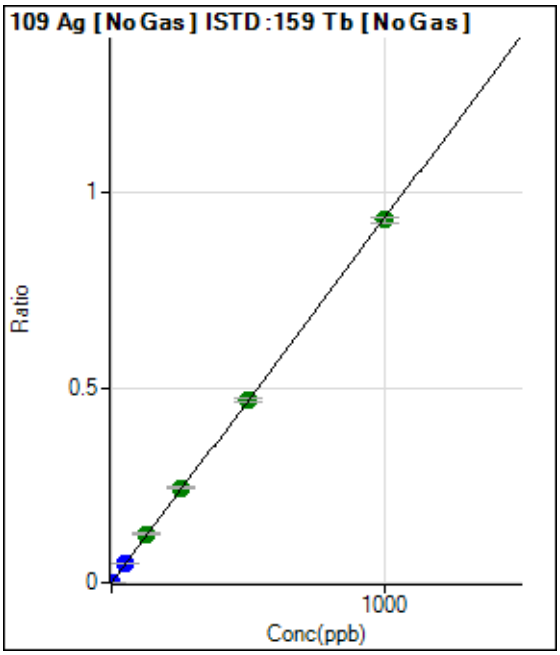


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	48.0
2	☐	1.000	1.137	402.23	0.0000	P	10.9
3	☐	50.000	54.657	18222.13	0.0008	P	4.0
4	☐	125.000	129.982	43630.99	0.0020	P	1.4
5	☐	250.000	258.667	87511.08	0.0040	P	0.8
6	☐	500.000	501.585	168694.72	0.0077	P	1.7
7	☐	1000.000	996.185	334974.63	0.0154	P	1.4
8	☐			231.11	0.0000	P	7.7

y = 1.5415E-005 * x + 9.4555E-007
R = 1.0000
DL = 0.0883
BEC = 0.06134

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.45	0.0000	P	16.8
2	☐	1.000	1.067	21778.41	0.0010	P	1.2
3	☐	50.000	52.807	1066664.51	0.0494	P	2.3
4	☐	125.000	133.351	2713297.93	0.1247	A	2.2
5	☐	250.000	260.169	5336200.86	0.2432	A	2.2
6	☐	500.000	501.671	10230867.07	0.4690	A	1.4
7	☐	1000.000	995.438	20297647.89	0.9305	A	1.6
8	☐			3363.78	0.0002	P	4.3

y = 9.3481E-004 * x + 2.8896E-006
R = 0.9999
DL = 0.00156
BEC = 0.003091

Weight: <None>
Min Conc: 0

Reviewed By:kareem
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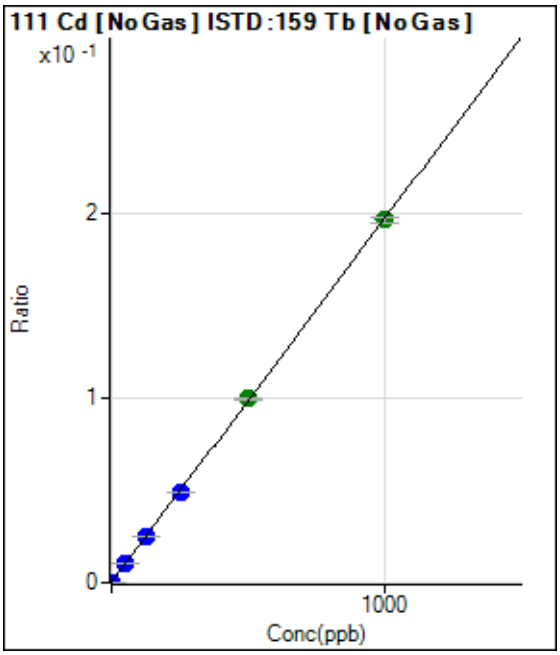
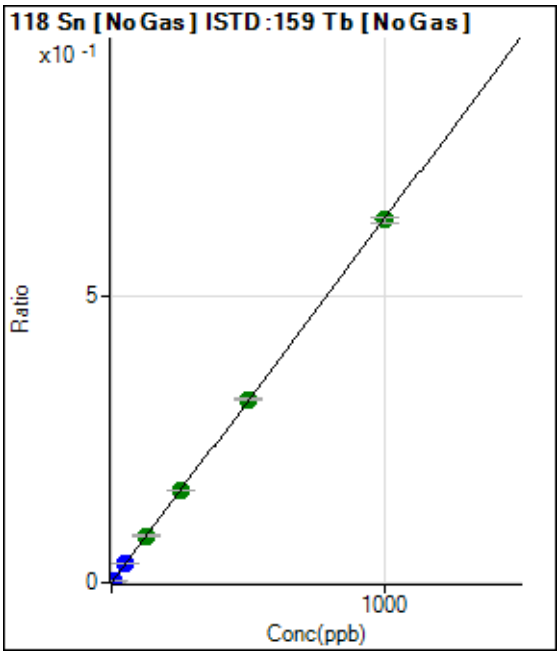


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5787.89	0.0003	P	1.5
2	☐	1.000	1.169	10650.76	0.0005	P	1.0
3	☐	50.000	51.874	225805.52	0.0105	P	2.7
4	☐	125.000	126.337	545943.77	0.0251	P	0.3
5	☐	250.000	246.545	1068541.43	0.0487	P	1.2
6	☐	500.000	506.520	2176786.04	0.0998	A	1.0
7	☐	1000.000	997.343	4279864.11	0.1962	A	1.6
8	☐			5546.20	0.0003	P	2.3

y = 1.9647E-004 * x + 2.5945E-004
R = 1.0000
DL = 0.06084
BEC = 1.321

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3422.69	0.0002	P	0.4
2	☐	5.000	5.359	77382.73	0.0036	P	0.8
3	☐	50.000	50.916	701293.45	0.0325	P	2.3
4	☐	125.000	128.931	1783864.31	0.0820	A	1.0
5	☐	250.000	255.109	3555103.11	0.1620	A	0.2
6	☐	500.000	503.031	6966170.45	0.3193	A	0.6
7	☐	1000.000	996.669	13796687.99	0.6325	A	1.5
8	☐			3840.58	0.0002	P	7.3

y = 6.3447E-004 * x + 1.5343E-004
R = 1.0000
DL = 0.002944
BEC = 0.2418

Weight: <None>
Min Conc: 0

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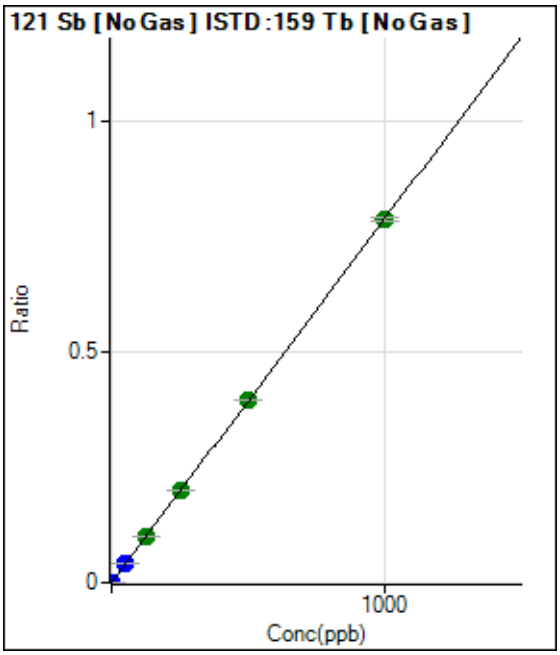
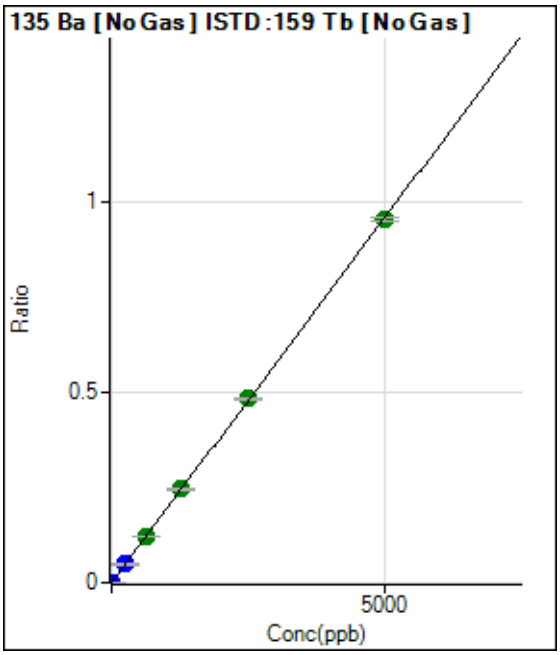


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	21.6
2	☐	2.000	2.147	36890.87	0.0017	P	0.8
3	☐	50.000	50.880	865823.47	0.0401	P	1.8
4	☐	125.000	127.073	2178134.58	0.1001	A	1.0
5	☐	250.000	254.258	4393554.28	0.2002	A	0.4
6	☐	500.000	501.350	8613410.08	0.3948	A	0.4
7	☐	1000.000	997.957	17142500.02	0.7859	A	0.9
8	☐			15439.93	0.0008	P	2.1

y = 7.8748E-004 * x + 3.5355E-006
R = 1.0000
DL = 0.002905
BEC = 0.00449

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	711.14	0.0000	P	1.4
2	☐	10.000	10.401	44155.06	0.0020	P	0.2
3	☐	250.000	252.073	1045735.04	0.0484	P	2.4
4	☐	625.000	641.109	2678276.63	0.1230	A	1.1
5	☐	1250.000	1282.618	5401161.34	0.2461	A	0.7
6	☐	2500.000	2527.861	10583166.65	0.4851	A	0.8
7	☐	5000.000	4975.797	20827210.11	0.9548	A	0.9
8	☐			7377.62	0.0004	P	1.1

y = 1.9188E-004 * x + 3.1880E-005
R = 1.0000
DL = 0.006789
BEC = 0.1661

Weight: <None>
Min Conc: 0

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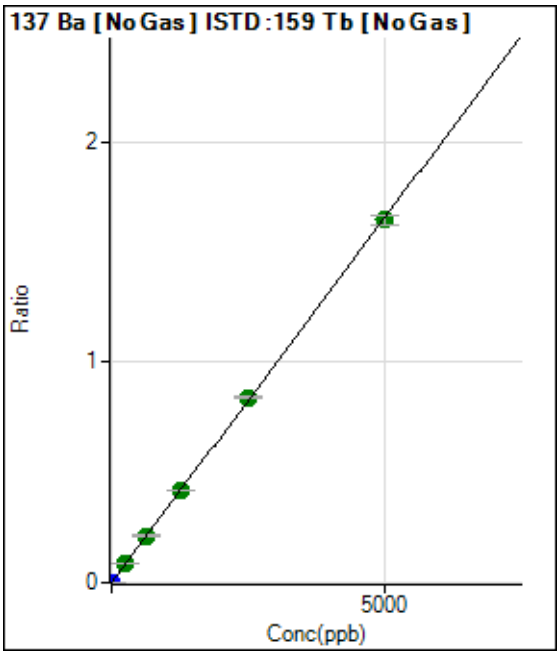
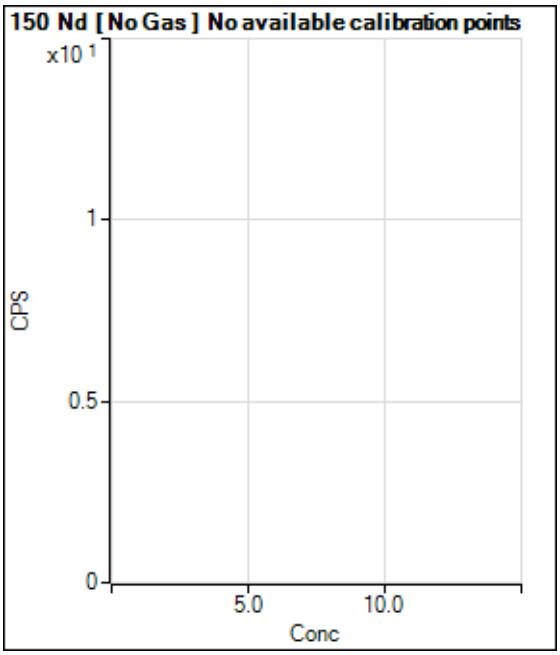


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1203.40	0.0001	P	8.2
2	☐	10.000	10.514	76888.95	0.0035	P	0.5
3	☐	250.000	258.589	1848939.02	0.0856	A	2.0
4	☐	625.000	644.831	4642698.13	0.2133	A	1.5
5	☐	1250.000	1265.129	9181259.66	0.4184	A	1.3
6	☐	2500.000	2536.561	18302594.03	0.8389	A	0.6
7	☐	5000.000	4975.028	35887107.80	1.6453	A	2.4
8	☐			12744.98	0.0006	P	2.9

y = 3.3071E-004 * x + 5.3933E-005
R = 1.0000
DL = 0.04023
BEC = 0.1631

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	50.0
2	☐			14.44		P	58.1
3	☐			72.22		P	17.5
4	☐			176.67		P	3.3
5	☐			327.78		P	3.6
6	☐			562.24		P	6.0
7	☐			1245.63		P	1.5
8	☐			330.01		P	5.6

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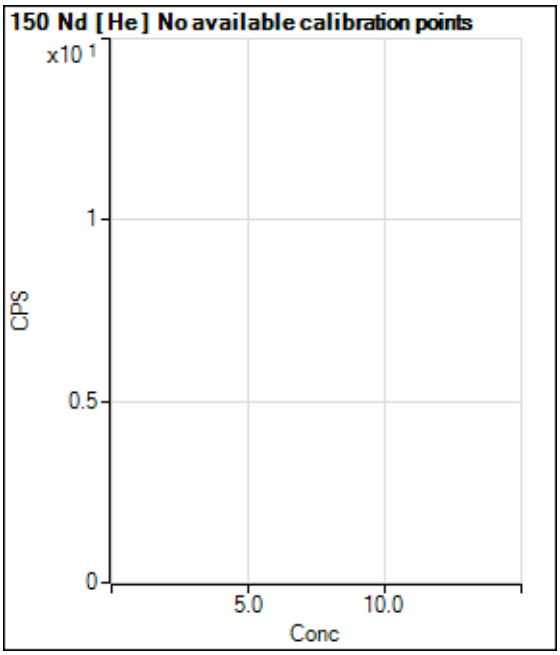
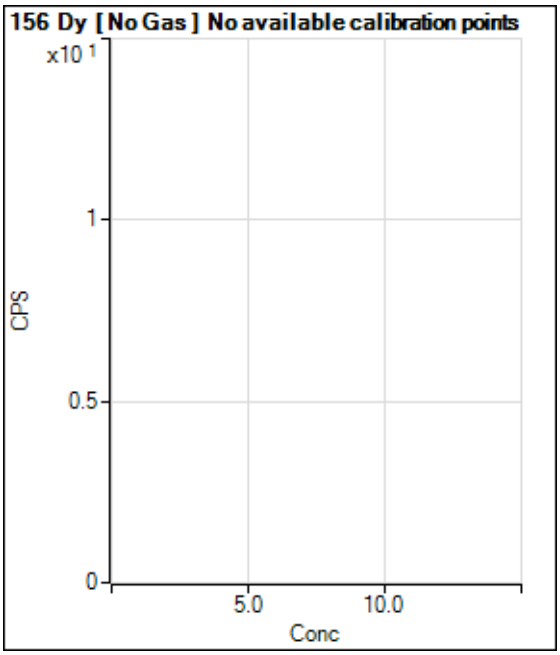
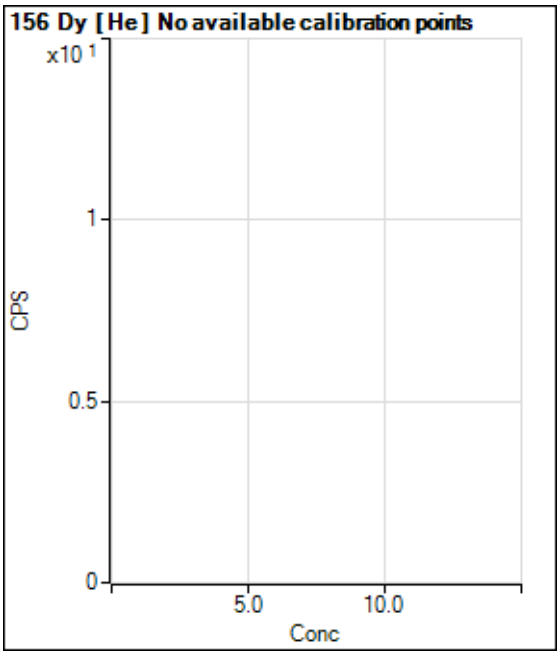


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.1
2	☐			5.56		P	91.6
3	☐			3.33		P	173.2
4	☐			4.45		P	86.6
5	☐			14.44		P	35.3
6	☐			26.67		P	0.0
7	☐			47.78		P	22.4
8	☐			88.89		P	18.9

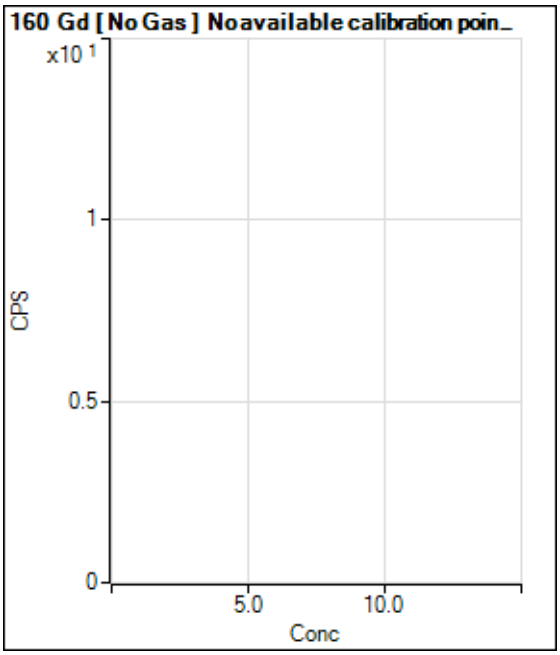


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			61.11		P	36.3
2	☐			61.11		P	24.6
3	☐			72.22		P	7.0
4	☐			97.78		P	7.1
5	☐			137.78		P	14.6
6	☐			211.12		P	11.4
7	☐			425.57		P	1.6
8	☐			693.36		P	3.8

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			5.56		P	91.6
3	☐			10.00		P	66.7
4	☐			8.89		P	43.3
5	☐			22.22		P	56.8
6	☐			26.67		P	62.5
7	☐			46.67		P	24.7
8	☐			184.45		P	10.3



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1	☐			137.78		P	22.9
2	☐			144.45		P	22.8
3	☐			145.56		P	13.4
4	☐			141.11		P	5.5
5	☐			202.23		P	11.0
6	☐			187.78		P	14.9
7	☐			298.89		P	13.4
8	☐			682.25		P	10.5

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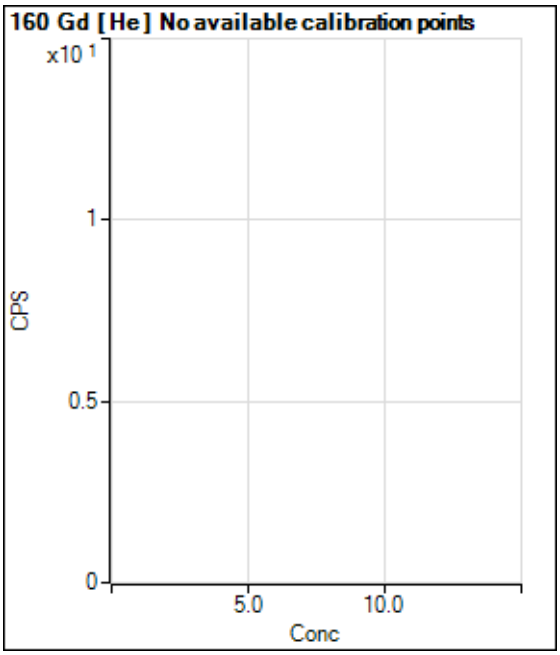

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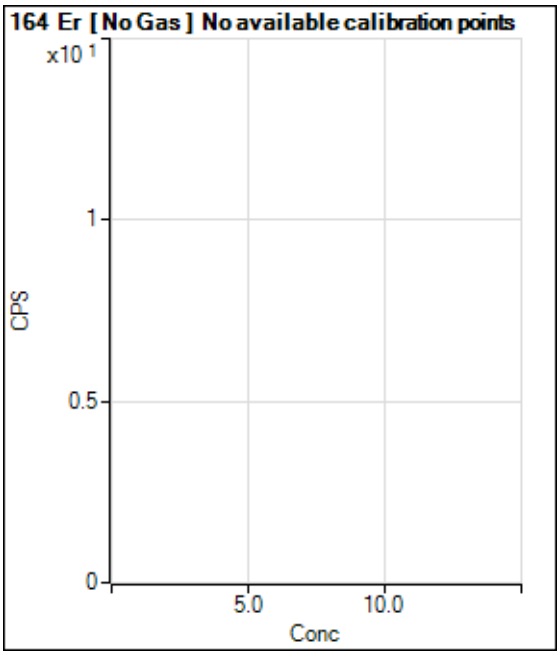
1	☐			26.66		P	21.7
2	☐			30.00		P	19.2
3	☐			37.78		P	18.4
4	☐			37.78		P	31.0
5	☐			24.44		P	20.8
6	☐			58.89		P	35.9
7	☐			70.00		P	31.2
8	☐			246.67		P	14.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			107.78		P	20.6
2	☐			91.11		P	10.6
3	☐			118.89		P	17.1
4	☐			137.78		P	5.6
5	☐			155.56		P	6.2
6	☐			180.00		P	9.8
7	☐			296.67		P	9.8
8	☐			731.14		P	9.3

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
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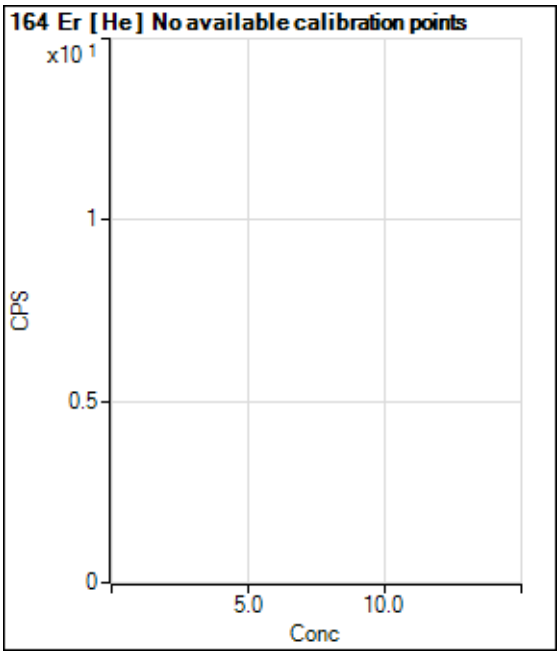
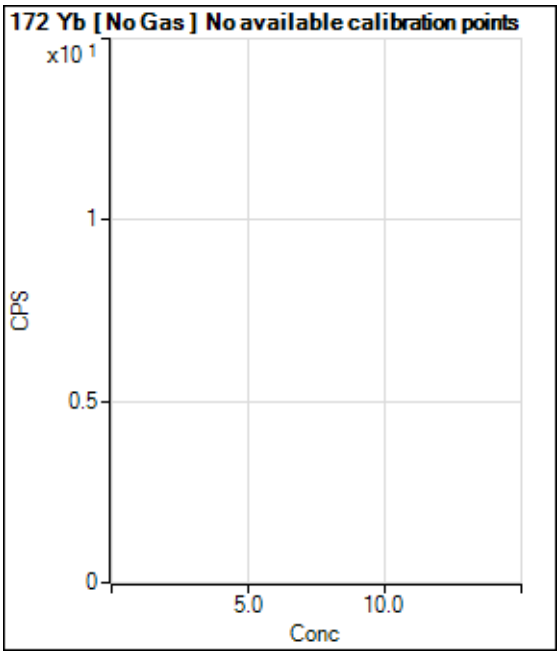


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			28.89		P	48.0
2	☐			30.00		P	29.4
3	☐			26.67		P	43.3
4	☐			25.56		P	71.8
5	☐			44.44		P	11.5
6	☐			73.34		P	37.2
7	☐			97.78		P	19.7
8	☐			215.56		P	20.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			110.00		P	9.1
2	☐			122.23		P	28.6
3	☐			125.56		P	10.1
4	☐			132.22		P	20.2
5	☐			151.12		P	19.3
6	☐			208.89		P	10.6
7	☐			322.23		P	4.2
8	☐			857.82		P	5.5

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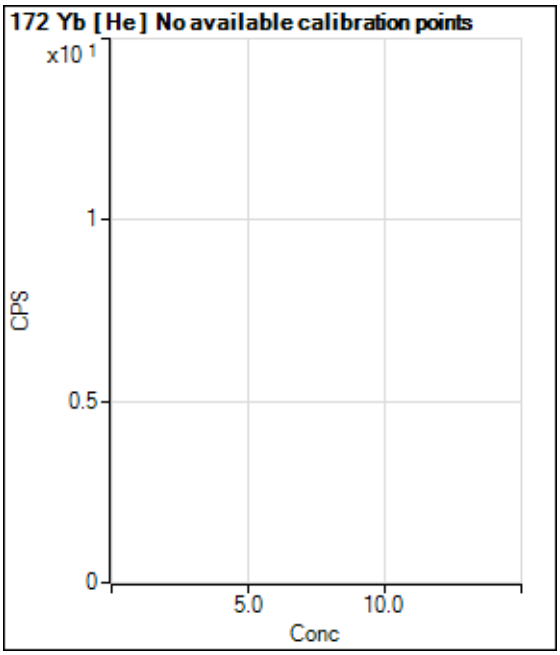
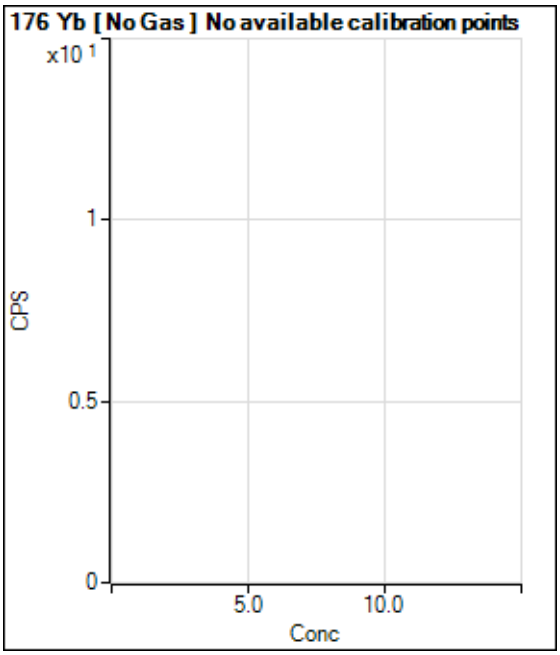


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			40.00		P	38.2
2	☐			40.00		P	43.3
3	☐			46.67		P	25.8
4	☐			60.00		P	25.5
5	☐			63.33		P	5.3
6	☐			84.44		P	13.9
7	☐			111.11		P	9.2
8	☐			351.12		P	3.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2222.44		P	4.2
2	☐			2419.14		P	4.1
3	☐			6489.43		P	1.6
4	☐			12490.43		P	1.2
5	☐			22786.36		P	1.1
6	☐			43494.57		P	0.6
7	☐			85527.76		P	0.6
8	☐			2668.08		P	2.6

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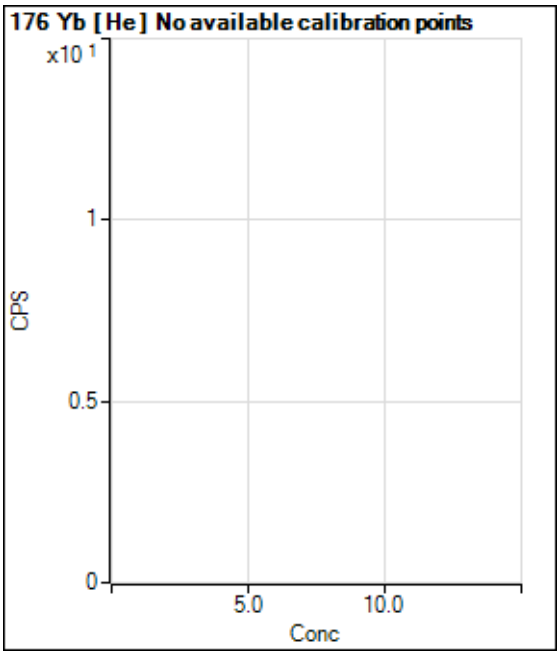
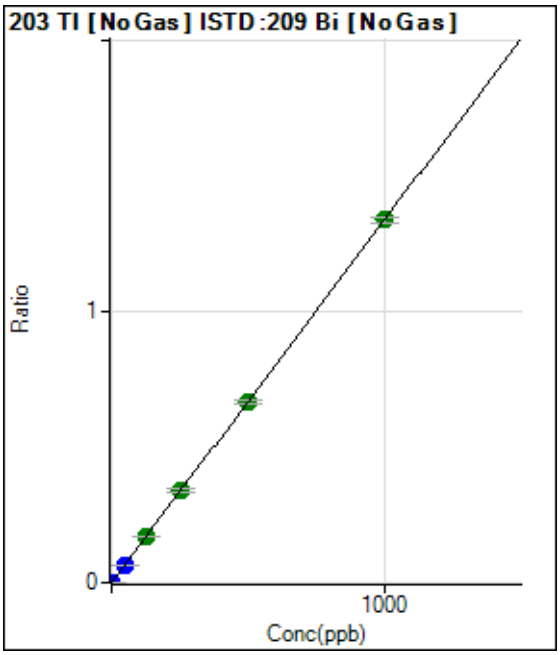


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				434.45		P	11.0
2				464.46		P	7.7
3				1773.48		P	3.1
4				3791.70		P	1.7
5				7164.23		P	3.2
6				14336.76		P	1.3
7				27634.47		P	0.3
8				593.35		P	14.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	371.12	0.0000	P	7.1
2		1.000	1.011	19202.05	0.0014	P	2.0
3		50.000	48.379	893326.81	0.0648	P	1.7
4		125.000	127.082	2340590.73	0.1702	A	1.5
5		250.000	255.100	4620494.90	0.3417	A	2.7
6		500.000	497.081	8935754.04	0.6658	A	1.9
7		1000.000	1000.005	17729233.21	1.3394	A	1.4
8				1641.24	0.0001	P	9.8

y = 0.0013 * x + 2.6249E-005
R = 1.0000
DL = 0.00415
BEC = 0.0196

Weight: <None>
Min Conc: 0

Reviewed By:kareem
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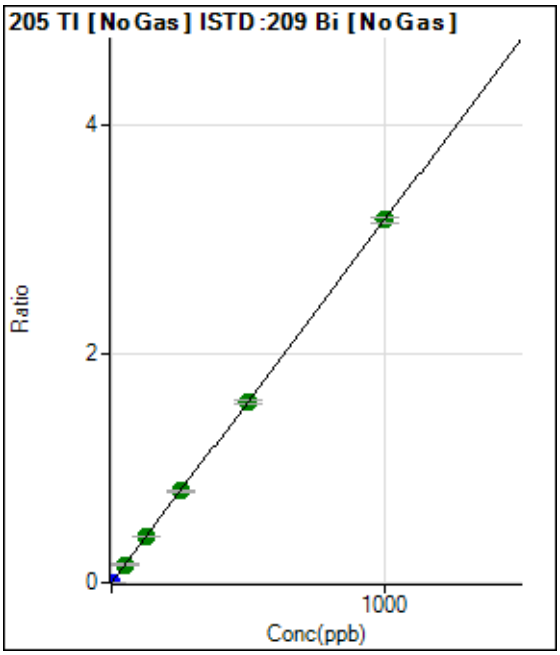
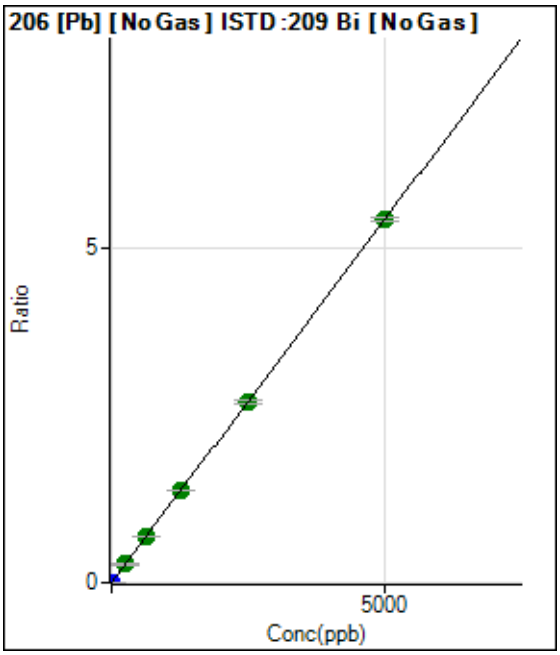


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	886.71	0.0001	P	3.8
2	☐	1.000	1.006	45268.65	0.0033	P	1.4
3	☐	50.000	49.979	2186207.73	0.1586	A	1.6
4	☐	125.000	124.915	5450608.04	0.3964	A	0.3
5	☐	250.000	251.948	10812246.78	0.7994	A	0.4
6	☐	500.000	497.922	21204620.52	1.5799	A	1.4
7	☐	1000.000	1000.564	42022063.26	3.1747	A	1.3
8	☐			3828.40	0.0003	P	11.2

y = 0.0032 * x + 6.2725E-005
R = 1.0000
DL = 0.002256
BEC = 0.01977

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2249.11	0.0002	P	2.9
2	☐	1.000	0.995	17219.28	0.0012	P	2.9
3	☐	250.000	253.558	3789718.97	0.2750	A	1.5
4	☐	625.000	628.145	9363585.69	0.6810	A	0.9
5	☐	1250.000	1273.749	18673064.86	1.3808	A	1.2
6	☐	2500.000	2487.805	36193588.07	2.6967	A	1.5
7	☐	5000.000	4999.589	71732092.82	5.4191	A	1.1
8	☐			13657.30	0.0012	P	5.8

y = 0.0011 * x + 1.5909E-004
R = 1.0000
DL = 0.01267
BEC = 0.1468

Weight: <None>
Min Conc: 0

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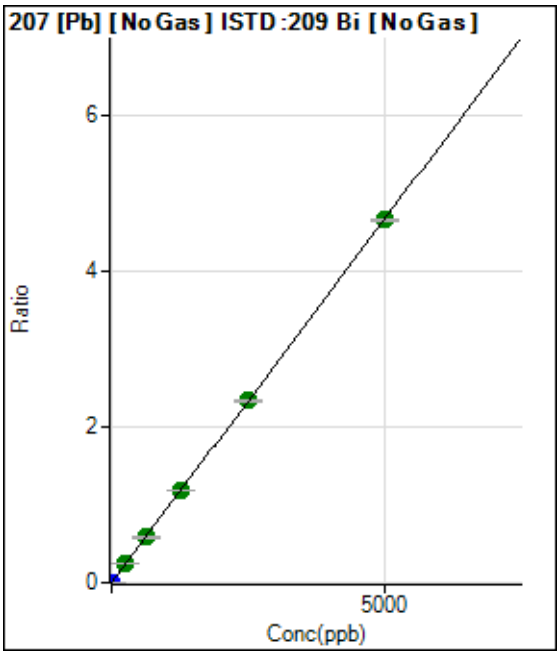
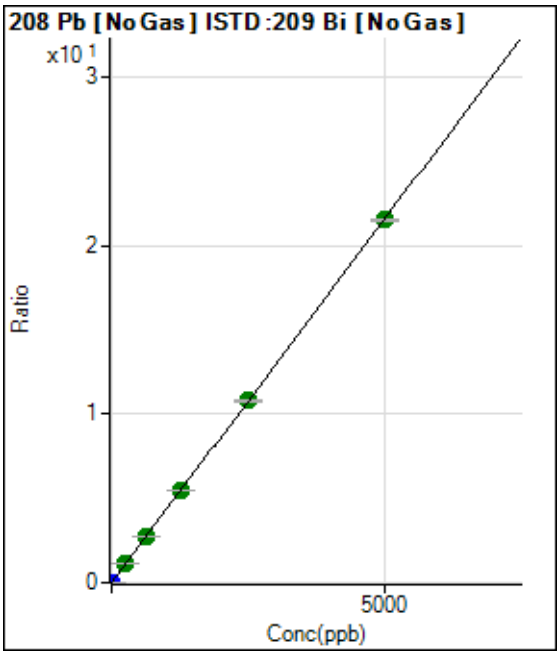


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2017.96	0.0001	P	1.7
2	☐	1.000	1.030	15380.34	0.0011	P	0.5
3	☐	250.000	254.374	3278925.96	0.2379	A	1.1
4	☐	625.000	624.511	8028247.45	0.5839	A	1.1
5	☐	1250.000	1278.573	16165126.01	1.1953	A	0.6
6	☐	2500.000	2501.677	31386373.98	2.3385	A	1.7
7	☐	5000.000	4991.861	61766871.86	4.6662	A	0.2
8	☐			11696.50	0.0010	P	5.6

y = 9.3473E-004 * x + 1.4274E-004
R = 1.0000
DL = 0.007838
BEC = 0.1527

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9152.49	0.0006	P	1.4
2	☐	1.000	1.007	69445.23	0.0050	P	1.4
3	☐	250.000	252.899	15043256.75	1.0915	A	1.2
4	☐	625.000	625.209	37089547.30	2.6975	A	1.0
5	☐	1250.000	1269.547	74069504.45	5.4768	A	0.8
6	☐	2500.000	2507.609	145186560.3	10.8172	A	1.1
7	☐	5000.000	4991.137	284989040.2	21.5298	A	0.8
8	☐			53861.98	0.0047	P	4.1

y = 0.0043 * x + 6.4740E-004
R = 1.0000
DL = 0.006285
BEC = 0.1501

Weight: <None>
Min Conc: 0

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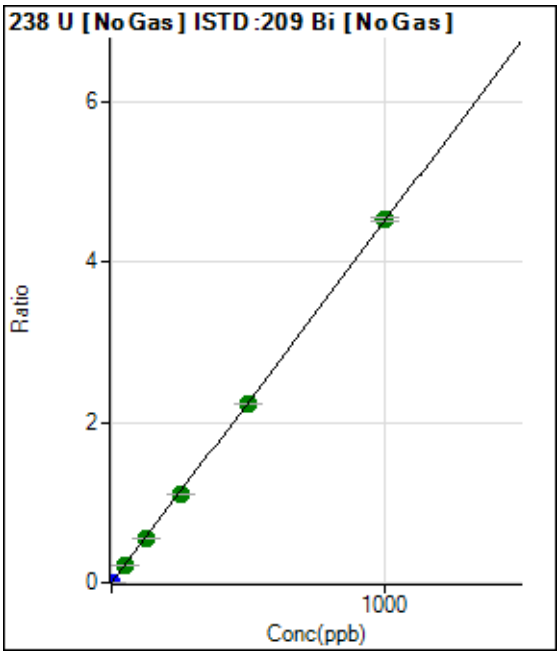
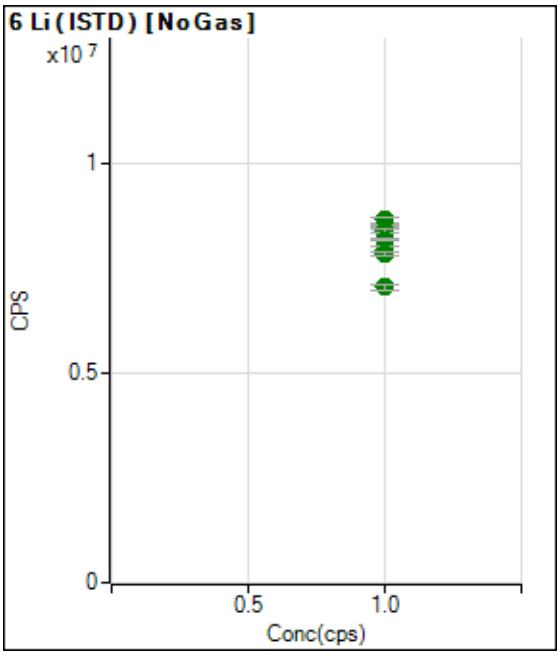


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	33.3
2	☐	1.000	0.954	59882.45	0.0043	P	1.1
3	☐	50.000	49.404	3070852.11	0.2228	A	1.8
4	☐	125.000	121.259	7520530.24	0.5469	A	0.6
5	☐	250.000	244.080	14889468.39	1.1009	A	0.5
6	☐	500.000	494.853	29959249.55	2.2320	A	0.5
7	☐	1000.000	1004.551	59974802.44	4.5309	A	1.0
8	☐			2511.40	0.0002	P	10.9

y = 0.0045 * x + 2.0432E-006
R = 1.0000
DL = 0.0004525
BEC = 0.000453

Weight: <None>
Min Conc: 0



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1	☐	1.000		8658153.68		A	1.7
2	☐	1.000		8495781.38		A	0.5
3	☐	1.000		8380209.99		A	1.2
4	☐	1.000		8384011.28		A	1.0
5	☐	1.000		8190404.49		A	0.5
6	☐	1.000		7923144.77		A	2.6
7	☐	1.000		7862181.98		A	1.0
8	☐	1.000		7052618.90		A	1.6

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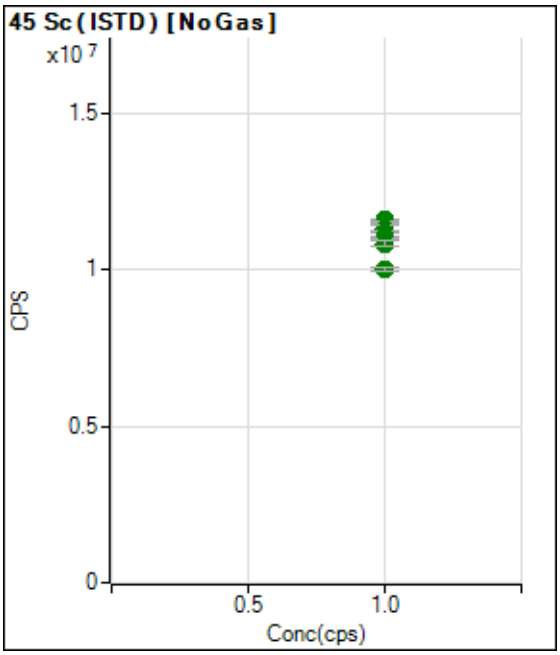

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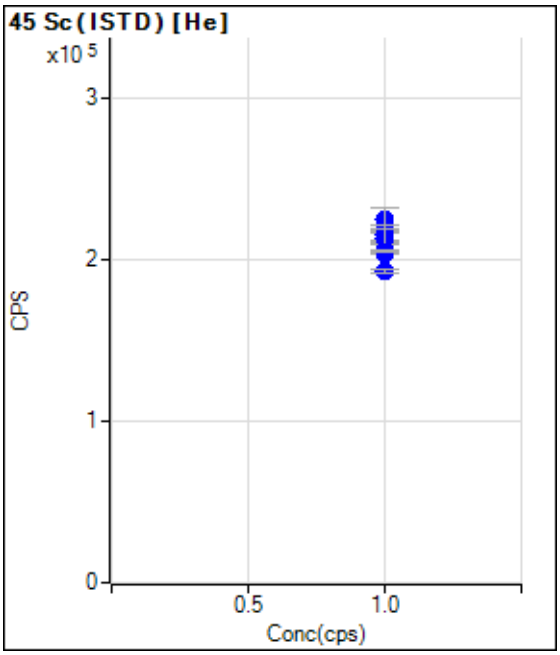
1	☐	1.000		11608315.24		A	0.8
2	☐	1.000		11537963.86		A	0.3
3	☐	1.000		11323232.61		A	1.8
4	☐	1.000		11217495.25		A	0.5
5	☐	1.000		11059469.00		A	0.7
6	☐	1.000		10980827.89		A	0.9
7	☐	1.000		10857832.34		A	1.2
8	☐	1.000		10053947.56		A	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		217707.05		P	0.1
2	☐	1.000		224544.60		P	7.0
3	☐	1.000		210648.64		P	0.8
4	☐	1.000		215063.12		P	4.1
5	☐	1.000		212584.27		P	7.7
6	☐	1.000		203990.96		P	0.4
7	☐	1.000		205018.86		P	0.6
8	☐	1.000		192722.63		P	1.4

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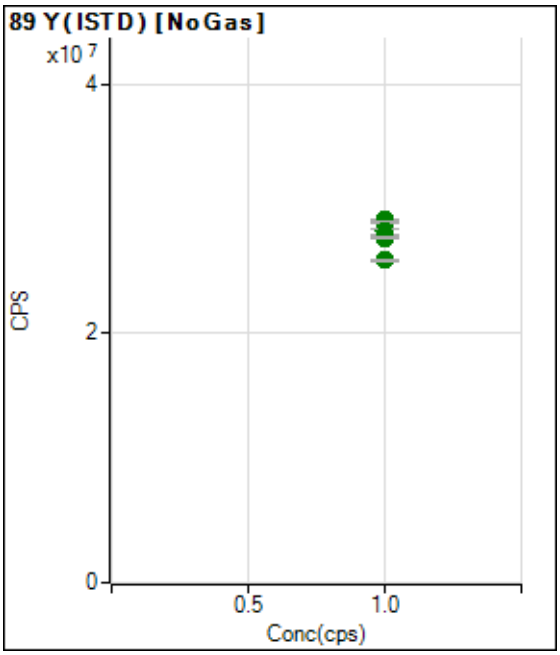
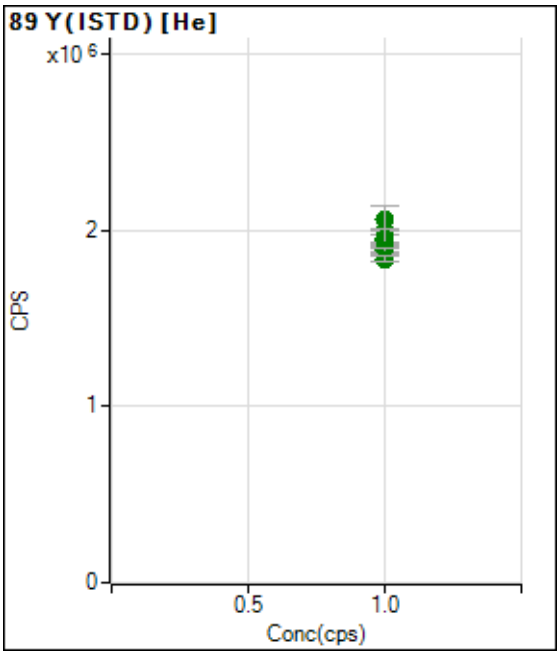


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		29127439.29		A	0.4
2	☐	1.000		28951380.68		A	0.8
3	☐	1.000		28219900.41		A	1.8
4	☐	1.000		27928908.75		A	0.2
5	☐	1.000		27645630.42		A	0.3
6	☐	1.000		27769859.59		A	1.2
7	☐	1.000		27736505.70		A	0.8
8	☐	1.000		25862318.50		A	0.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2001618.46		A	0.3
2	☐	1.000		2061053.74		A	7.9
3	☐	1.000		1925249.67		A	0.8
4	☐	1.000		1959713.86		A	5.0
5	☐	1.000		1943792.71		A	6.3
6	☐	1.000		1890142.99		A	2.0
7	☐	1.000		1888205.63		A	1.9
8	☐	1.000		1837342.07		A	1.9

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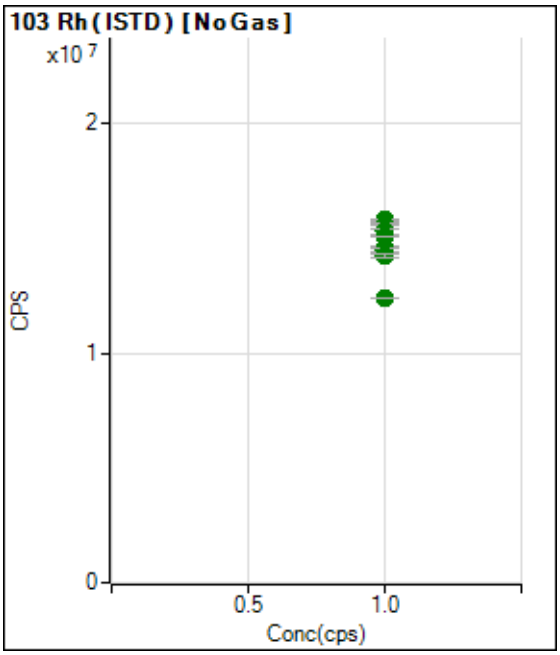
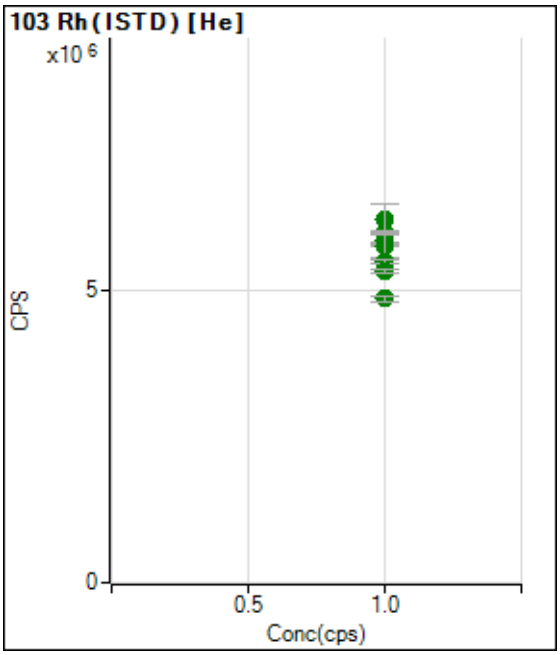


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15810707.82		A	0.7
2	☐	1.000		15619833.79		A	0.6
3	☐	1.000		15308771.72		A	1.6
4	☐	1.000		15081158.11		A	0.4
5	☐	1.000		14585687.01		A	0.6
6	☐	1.000		14491979.09		A	0.8
7	☐	1.000		14251852.57		A	0.7
8	☐	1.000		12386790.09		A	0.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5994080.53		A	0.6
2	☐	1.000		6215391.92		A	8.4
3	☐	1.000		5801508.87		A	0.6
4	☐	1.000		5874810.75		A	3.5
5	☐	1.000		5778831.10		A	7.0
6	☐	1.000		5498296.20		A	0.9
7	☐	1.000		5323256.38		A	1.2
8	☐	1.000		4860383.09		A	1.6

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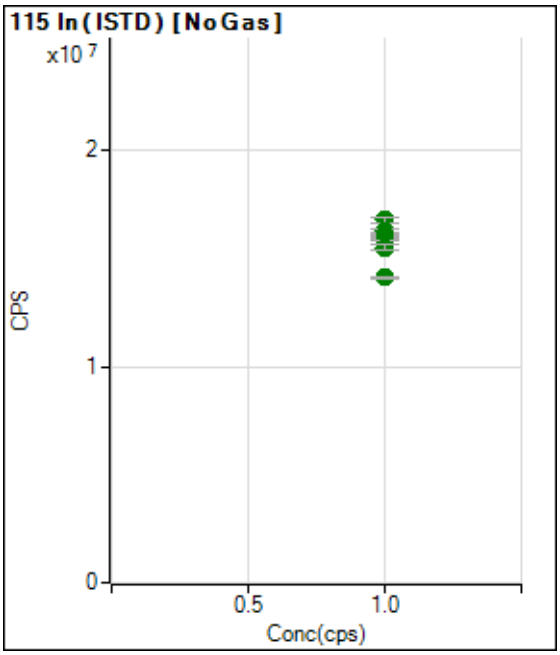
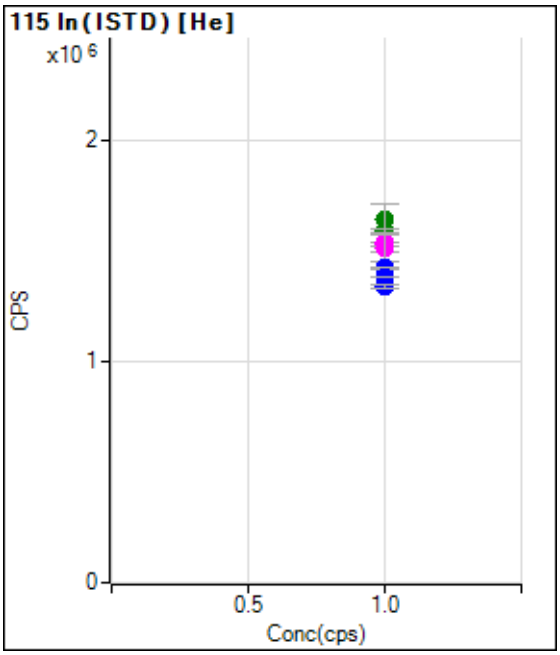
On:2/11/2025 5:08:19 PM
Inst Id :P8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16777821.16		A	1.9
2	☐	1.000		16237163.75		A	1.1
3	☐	1.000		16050205.09		A	1.8
4	☐	1.000		16058905.46		A	0.6
5	☐	1.000		15877736.26		A	1.0
6	☐	1.000		15820368.30		A	0.3
7	☐	1.000		15517154.60		A	1.2
8	☐	1.000		14101298.66		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1597260.45		A	1.2
2	☐	1.000		1643550.43		A	8.3
3	☐	1.000		1530713.97		M	1.2
4	☐	1.000		1539341.77		M	5.1
5	☐	1.000		1514017.56		M	8.3
6	☐	1.000		1424322.03		P	0.7
7	☐	1.000		1383034.49		P	0.3
8	☐	1.000		1340767.01		P	1.1

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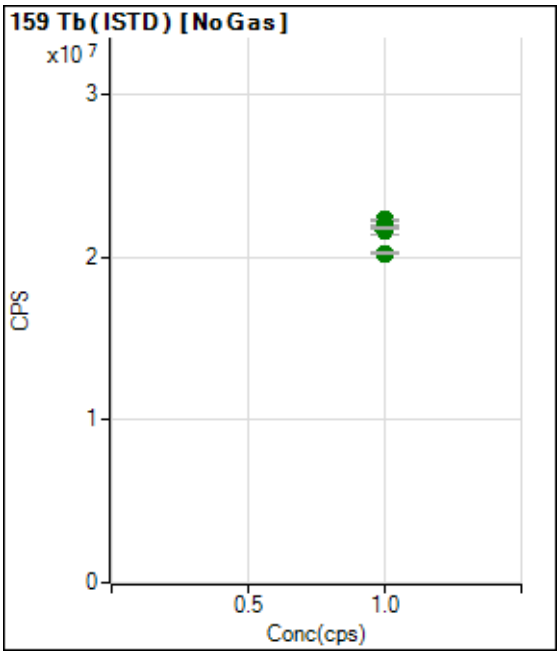
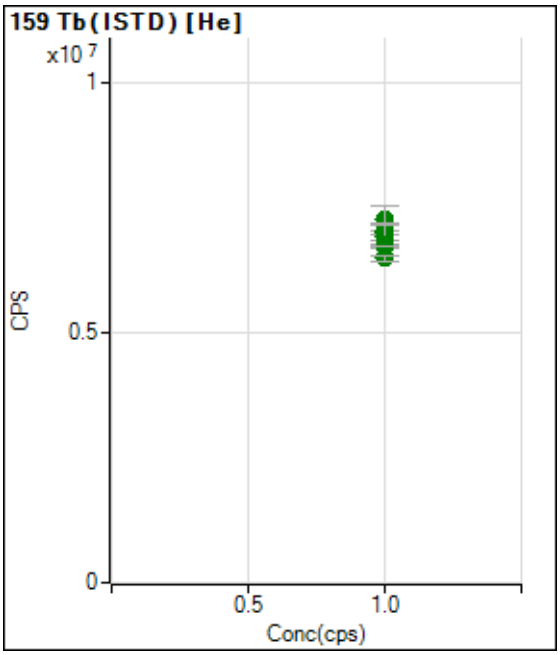


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22307654.39		A	0.4
2	☐	1.000		21776034.68		A	0.5
3	☐	1.000		21612153.71		A	1.8
4	☐	1.000		21766914.12		A	0.6
5	☐	1.000		21943500.23		A	1.0
6	☐	1.000		21816766.34		A	0.6
7	☐	1.000		21814493.84		A	0.8
8	☐	1.000		20232212.34		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7008153.78		A	1.2
2	☐	1.000		7269430.79		A	7.7
3	☐	1.000		6862305.25		A	0.4
4	☐	1.000		7039973.09		A	4.9
5	☐	1.000		6935104.83		A	6.3
6	☐	1.000		6774663.37		A	0.7
7	☐	1.000		6751505.94		A	0.2
8	☐	1.000		6503118.72		A	1.8

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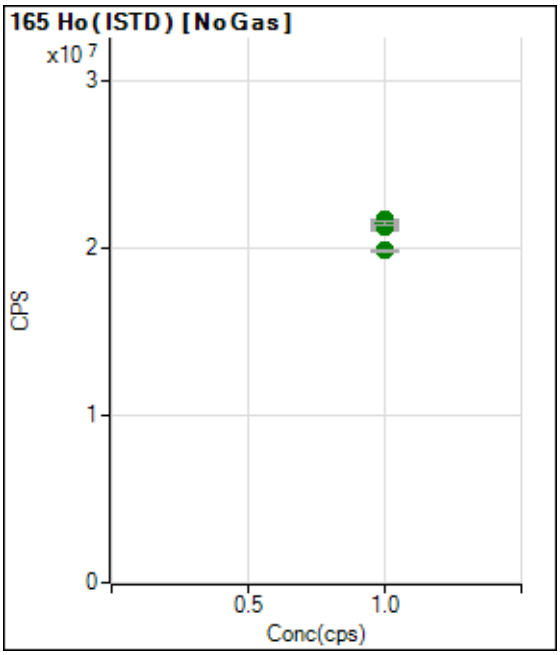
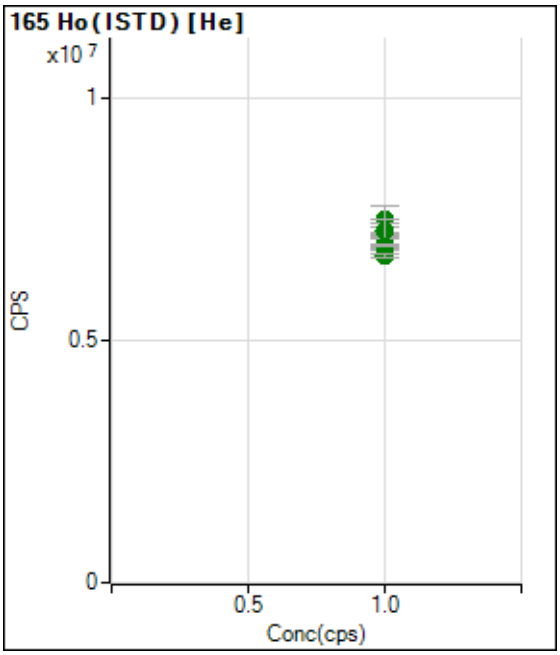


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21696137.73		A	0.7
2	☐	1.000		21319915.24		A	0.2
3	☐	1.000		21244185.24		A	1.7
4	☐	1.000		21451379.12		A	1.0
5	☐	1.000		21289384.54		A	0.8
6	☐	1.000		21275658.99		A	0.1
7	☐	1.000		21489703.57		A	1.3
8	☐	1.000		19871363.59		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7284543.57		A	1.8
2	☐	1.000		7500045.72		A	8.3
3	☐	1.000		7141468.71		A	0.4
4	☐	1.000		7291858.43		A	4.4
5	☐	1.000		7271120.93		A	7.1
6	☐	1.000		6899509.20		A	0.8
7	☐	1.000		6967164.48		A	0.5
8	☐	1.000		6764180.04		A	1.4

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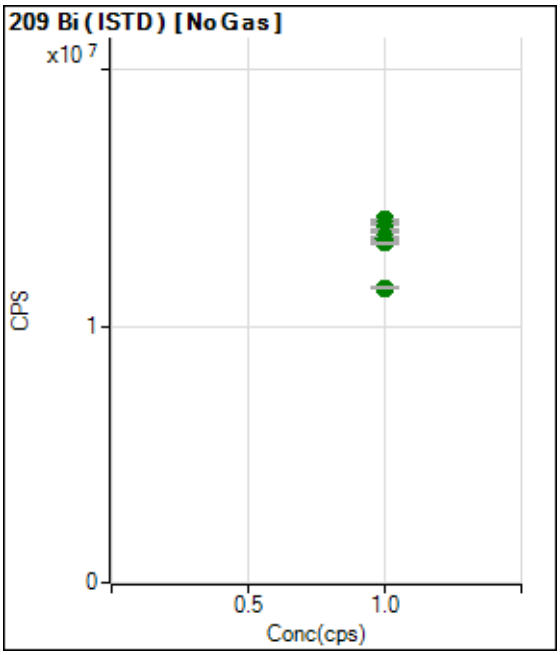
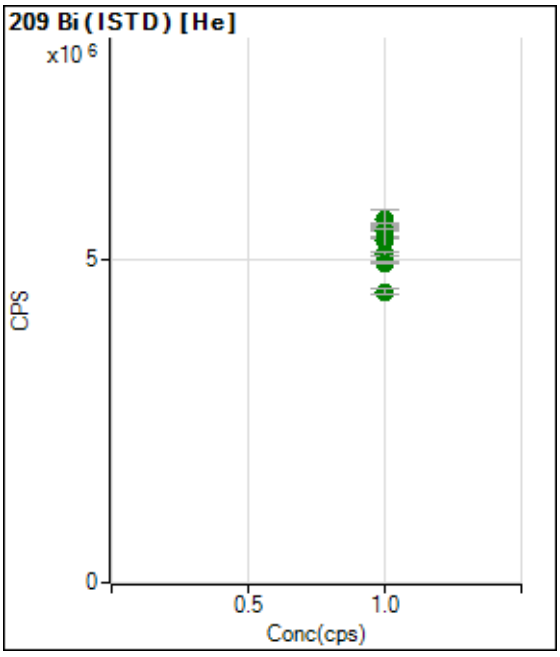


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14137098.82		A	0.2
2	☐	1.000		13911364.93		A	1.3
3	☐	1.000		13783882.02		A	1.9
4	☐	1.000		13750630.35		A	1.0
5	☐	1.000		13524994.38		A	1.1
6	☐	1.000		13422567.44		A	0.8
7	☐	1.000		13237225.91		A	0.6
8	☐	1.000		11496100.80		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5514930.82		A	0.2
2	☐	1.000		5613132.91		A	6.1
3	☐	1.000		5357075.41		A	0.2
4	☐	1.000		5436617.45		A	4.3
5	☐	1.000		5290418.01		A	6.8
6	☐	1.000		5087430.27		A	0.7
7	☐	1.000		4947479.44		A	0.7
8	☐	1.000		4507048.16		A	1.6

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8
ClientSampleId :TUNE001

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P8021025 MS.b
Acq. Date-Time	2025-02-10 13:18:33
Report Comment	---
Instrument Name	G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		33564	335636.07			0.396	5.000
24		320760	3207604.35			0.450	5.000
25		42729	427290.14			0.418	5.000
26		48319	483185.49			0.245	5.000
59		193451	1934511.45			0.556	5.000
113		21991	219909.59			0.297	5.000
115		287956	2879561.14			0.552	5.000
206		71805	718047.51			0.580	5.000
207		60843	608431.92			0.181	5.000
208		155311	1553110.74			0.552	5.000
220		0	3.80			47.986	

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	33729	33631	33539	33369	33549
24	319633	319291	320303	322154	322421
25	43029	42607	42754	42602	42653
26	48414	48174	48460	48303	48242
59	193687	194513	192351	194407	192298
113	22058	21972	22059	21951	21914
115	289140	288784	285737	286821	289298
206	71348	71448	71948	71902	72378
207	60764	60724	60979	60812	60938
208	154688	156721	155439	155107	154600

Reviewed By:kareem
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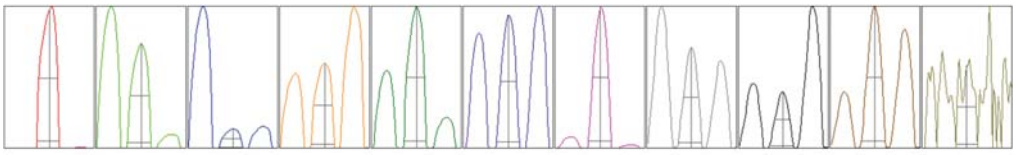
Inst Id :P8
ClientSampleId :TUNE001

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	0	0	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	57797.15	9.05	8.90 - 9.10	
24	541721.30	24.05	23.90 - 24.10	
25	72577.17	25.05	24.90 - 25.10	
26	82354.19	26.05	25.90 - 26.10	
59	349060.36	59.05	58.90 - 59.10	
113	43597.06	113.05	112.90 - 113.10	
115	574233.13	115.05	114.90 - 115.10	
206	142010.98	206.00	205.90 - 206.10	
207	122018.74	207.00	206.90 - 207.10	
208	306660.15	208.00	207.90 - 208.10	
220	0.55	220.00	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.741	0.900	
24	0.63	0.787	0.900	
25	0.63	0.786	0.900	
26	0.62	0.784	0.900	
59	0.59	0.739	0.900	
113	0.53	0.754	0.900	
115	0.52	0.758	0.900	
206	0.50	0.781	0.900	
207	0.50	0.796	0.900	
208	0.51	0.799	0.900	
220	0.63	0.693		

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

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 L/min	Dilution Gas	0.40 L/min

Reviewed By:kareem
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Inst Id :P8
ClientSampleId :TUNE001

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	-6.0 V	Omega Lens	8.9 V	Deflect	14.6 V
Extract 2	-210.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9961	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.06		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.6 mm		

EM

Discriminator	4.0 mV	Analog HV	2180 V	Pulse HV	1087 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		36408	364081.63			2.797	
89		35118	351181.05			2.703	
205		40908	409075.64			2.664	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	35883	35673	38189	36261	36035
89	34491	34437	36727	35205	34730
205	39935	40500	42778	40760	40565

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 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	-6.0 V	Omega Lens	8.9 V	Deflect	3.2 V

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8
ClientSampleId :TUNE001

US EPA Tune Check Report

Extract 2	-210.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9961	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.06		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.6 mm		

EM

Discriminator	4.0 mV	Analog HV	2180 V	Pulse HV	1087 V

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:17:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.23	0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.03	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.19	0.16	-0.34	0.00	N/A	ppb
Cadmium	111-1	0.01	0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	1.02	-1.75	0.72	0.00	N/A	ppb
Calcium	44-1	-0.07	-0.66	0.73	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.05	0.00	0.04	0.00	N/A	ppb
Iron	56-2	-0.02	-0.04	0.06	0.00	N/A	ppb
Iron	57-2	-0.25	0.08	0.17	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:17:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.05	0.31	-0.26	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	0.02	0.01	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-23.17	-27.04	-21.23	-23.81		ppb
Potassium	39-2	-0.63	1.39	-0.76	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.16	-0.01	0.17	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	0.31	0.07	0.00	N/A	ppb
Silicon	28-1	0.10	-0.29	0.20	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	1.10	1.12	-2.22	0.00	N/A	ppb
Strontium	86-1	-0.12	0.20	-0.08	0.00	N/A	ppb
Strontium	88-1	0.01	0.01	-0.01	0.00	N/A	ppb
Sulfur	34-1	-149.52	-139.46	-40.86	-109.95		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:17:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.03	-0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:20:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.74	22.85	20.90	20.50	12.60	ppb
Antimony	121-1	2.16	2.13	2.15	2.15	0.76	ppb
Arsenic	75-2	0.79	1.22	1.27	1.09	23.99	ppb
Barium	135-1	10.42	10.41	10.38	10.40	0.21	ppb
Barium	137-1	10.54	10.45	10.55	10.51	0.54	ppb
Beryllium	9-1	1.10	1.14	1.11	1.12	2.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.21	0.99	1.22	1.14	11.46	ppb
Cadmium	106-1	1.39	1.45	1.44	1.43	2.32	ppb
Cadmium	111-1	1.14	1.19	1.17	1.17	2.11	ppb
Calcium	43-1	496.78	503.84	517.13	505.92	2.04	ppb
Calcium	44-1	502.69	499.91	504.90	502.50	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	2.19	2.05	2.03	8.80	ppb
Cobalt	59-2	1.01	1.12	1.13	1.09	6.11	ppb
Copper	63-2	1.94	2.24	2.29	2.15	8.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	54-2	49.40	56.31	57.67	54.46	8.15	ppb
Iron	56-2	49.34	55.74	55.72	53.60	6.88	ppb
Iron	57-2	46.32	54.64	58.08	53.01	11.41	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.03	0.96	1.00	3.35	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:20:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.03	1.03	1.02	1.03	0.62	ppb
Lead	208-1	1.00	1.03	1.00	1.01	1.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	473.09	538.80	533.80	515.23	7.10	ppb
Manganese	55-2	0.99	0.98	0.96	0.97	1.79	ppb
Molybdenum	94-1	5.98	5.88	6.12	5.99	2.01	ppb
Molybdenum	95-1	4.92	5.05	5.10	5.02	1.78	ppb
Molybdenum	96-1	5.05	5.08	5.18	5.10	1.36	ppb
Molybdenum	97-1	5.04	5.20	5.06	5.10	1.72	ppb
Molybdenum	98-1	4.98	4.98	5.17	5.04	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	1.05	1.05	0.98	12.74	ppb
Phosphorus	31-2	24.50	33.63	13.30	23.81	42.75	ppb
Potassium	39-2	445.69	512.65	512.57	490.30	7.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	5.66	5.60	5.06	5.44	6.12	ppb
Selenium	77-2	4.98	7.27	3.27	5.17	38.82	ppb
Selenium	78-2	5.91	6.60	4.34	5.61	20.66	ppb
Silicon	28-1	6.63	6.87	6.97	6.82	2.62	ppb
Silver	107-1	1.03	1.08	1.06	1.06	2.16	ppb
Silver	109-1	1.07	1.07	1.05	1.07	1.16	ppb
Sodium	23-2	471.33	555.82	544.34	523.83	8.75	ppb
Strontium	86-1	25.37	25.43	26.42	25.74	2.29	ppb
Strontium	88-1	25.53	25.51	25.74	25.59	0.50	ppb
Sulfur	34-1	95.82	81.33	152.69	109.95	34.31	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	1.03	1.01	0.99	1.01	2.01	ppb
Thallium	205-1	1.00	1.02	0.99	1.01	1.44	ppb
Tin	118-1	5.36	5.31	5.40	5.36	0.82	ppb
Titanium	47-1	5.07	5.37	5.32	5.25	3.09	ppb
Uranium	238-1	0.96	0.96	0.94	0.95	1.14	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:20:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.58	5.20	5.45	5.08	8.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	4.52	5.30	5.33	5.05	9.08	ppb
Zirconium	90-1	0.99	1.01	1.03	1.01	2.14	ppb
Zirconium	91-1	0.95	0.99	1.00	0.98	2.63	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:23:43	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1026.83	1026.64	1014.11	1022.53	0.71	ppb
Antimony	121-1	50.01	51.83	50.80	50.88	1.79	ppb
Arsenic	75-2	51.85	51.45	52.10	51.80	0.63	ppb
Barium	135-1	247.45	258.76	250.00	252.07	2.35	ppb
Barium	137-1	254.36	264.28	257.13	258.59	1.98	ppb
Beryllium	9-1	51.37	52.13	51.81	51.77	0.74	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	52.19	56.30	55.48	54.66	3.97	ppb
Cadmium	106-1	53.06	55.98	53.95	54.33	2.76	ppb
Cadmium	111-1	50.65	53.42	51.55	51.87	2.73	ppb
Calcium	43-1	4941.31	5074.00	4911.39	4975.56	1.74	ppb
Calcium	44-1	5140.68	5307.08	5023.18	5156.98	2.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.23	49.49	48.78	49.17	0.73	ppb
Cobalt	59-2	51.12	51.42	50.36	50.97	1.08	ppb
Copper	63-2	536.70	550.08	532.37	539.72	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	2654.58	2631.13	2658.04	2647.92	0.55	ppb
Iron	56-2	2660.99	2657.90	2611.60	2643.50	1.05	ppb
Iron	57-2	2586.46	2555.80	2550.10	2564.12	0.76	ppb
Krypton	83-1						cps
Lead	206-1	251.63	258.08	250.97	253.56	1.55	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:23:43	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	251.36	257.02	254.74	254.37	1.12	ppb
Lead	208-1	250.76	256.30	251.64	252.90	1.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	5243.49	5277.46	5352.97	5291.31	1.06	ppb
Manganese	55-2	500.13	503.14	492.53	498.60	1.10	ppb
Molybdenum	94-1	500.52	521.00	506.28	509.27	2.07	ppb
Molybdenum	95-1	501.19	520.94	503.60	508.58	2.12	ppb
Molybdenum	96-1	504.79	529.02	508.66	514.15	2.53	ppb
Molybdenum	97-1	504.09	530.19	504.60	512.96	2.91	ppb
Molybdenum	98-1	504.19	519.67	498.11	507.32	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.07	50.79	49.85	50.57	1.26	ppb
Phosphorus	31-2	1083.54	1025.60	979.71	1029.62	5.05	ppb
Potassium	39-2	2468.40	2468.41	2438.00	2458.27	0.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	52.77	53.78	51.65	52.73	2.02	ppb
Selenium	77-2	66.30	45.41	55.32	55.67	18.77	ppb
Selenium	78-2	54.23	52.84	48.11	51.73	6.21	ppb
Silicon	28-1	53.51	56.61	53.48	54.53	3.29	ppb
Silver	107-1	51.24	53.86	52.38	52.49	2.50	ppb
Silver	109-1	51.54	53.99	52.90	52.81	2.32	ppb
Sodium	23-2	5450.81	5501.80	5433.96	5462.19	0.65	ppb
Strontium	86-1	1223.92	1250.74	1219.72	1231.46	1.37	ppb
Strontium	88-1	1298.34	1304.03	1277.76	1293.38	1.07	ppb
Sulfur	34-1	1460.25	1704.88	1216.83	1460.65	16.71	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	47.51	49.17	48.47	48.38	1.72	ppb
Thallium	205-1	49.38	50.87	49.69	49.98	1.57	ppb
Tin	118-1	49.96	52.23	50.55	50.92	2.31	ppb
Titanium	47-1	511.19	525.67	508.64	515.16	1.78	ppb
Uranium	238-1	48.71	50.42	49.08	49.40	1.82	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:23:43	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.76	49.40	48.55	48.90	0.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	513.79	516.54	510.40	513.57	0.60	ppb
Zirconium	90-1	50.95	52.03	51.28	51.42	1.08	ppb
Zirconium	91-1	47.98	49.75	47.86	48.53	2.17	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:26:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2533.74	2314.21	2457.74	2435.23	4.58	ppb
Antimony	121-1	128.47	126.35	126.40	127.07	0.95	ppb
Arsenic	75-2	126.14	117.01	128.83	123.99	4.99	ppb
Barium	135-1	648.75	639.52	635.06	641.11	1.09	ppb
Barium	137-1	654.63	635.60	644.26	644.83	1.48	ppb
Beryllium	9-1	125.77	123.52	126.06	125.12	1.11	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	132.01	128.37	129.58	129.98	1.43	ppb
Cadmium	106-1	131.32	128.92	128.87	129.70	1.08	ppb
Cadmium	111-1	126.15	126.12	126.74	126.34	0.28	ppb
Calcium	43-1	12358.99	12491.17	12403.93	12418.03	0.54	ppb
Calcium	44-1	12642.51	12640.90	12716.89	12666.77	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.01	111.51	118.84	117.45	4.59	ppb
Cobalt	59-2	126.41	117.15	122.35	121.97	3.80	ppb
Copper	63-2	1313.07	1209.45	1302.59	1275.04	4.47	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				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	6484.09	5946.85	6383.58	6271.51	4.55	ppb
Iron	56-2	6554.61	6039.16	6373.97	6322.58	4.14	ppb
Iron	57-2	6355.04	5834.26	6183.35	6124.22	4.33	ppb
Krypton	83-1						cps
Lead	206-1	633.29	621.94	629.20	628.15	0.91	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:26:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	629.94	616.54	627.06	624.51	1.13	ppb
Lead	208-1	628.63	618.24	628.76	625.21	0.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	13247.34	12124.95	12748.46	12706.92	4.43	ppb
Manganese	55-2	1280.03	1169.09	1230.10	1226.41	4.53	ppb
Molybdenum	94-1	1264.13	1256.93	1256.89	1259.31	0.33	ppb
Molybdenum	95-1	1275.03	1256.13	1245.98	1259.05	1.17	ppb
Molybdenum	96-1	1276.16	1255.38	1258.70	1263.41	0.88	ppb
Molybdenum	97-1	1279.73	1261.27	1270.47	1270.49	0.73	ppb
Molybdenum	98-1	1267.68	1242.60	1256.03	1255.44	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.99	113.31	120.36	118.89	4.21	ppb
Phosphorus	31-2	2545.85	2354.44	2458.70	2452.99	3.91	ppb
Potassium	39-2	6085.09	5633.63	5924.21	5880.98	3.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	127.31	130.57	127.02	128.30	1.54	ppb
Selenium	77-2	104.99	121.21	145.41	123.87	16.42	ppb
Selenium	78-2	128.68	117.99	125.87	124.18	4.46	ppb
Silicon	28-1	132.72	133.56	130.39	132.23	1.24	ppb
Silver	107-1	137.72	133.37	134.65	135.25	1.65	ppb
Silver	109-1	136.20	133.43	130.43	133.35	2.17	ppb
Sodium	23-2	13327.99	12057.46	13005.55	12797.00	5.16	ppb
Strontium	86-1	3076.76	3070.64	3064.04	3070.48	0.21	ppb
Strontium	88-1	3147.55	3179.92	3155.47	3160.98	0.53	ppb
Sulfur	34-1	3218.41	3021.53	2622.90	2954.28	10.27	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	127.87	124.92	128.46	127.08	1.49	ppb
Thallium	205-1	125.38	124.56	124.81	124.92	0.34	ppb
Tin	118-1	130.07	127.55	129.17	128.93	0.99	ppb
Titanium	47-1	1245.42	1257.46	1248.96	1250.61	0.49	ppb
Uranium	238-1	120.69	121.00	122.09	121.26	0.61	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:26:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	122.66	111.78	118.66	117.70	4.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	1267.58	1163.28	1243.95	1224.94	4.46	ppb
Zirconium	90-1	128.81	128.60	128.03	128.48	0.31	ppb
Zirconium	91-1	121.52	121.13	121.57	121.41	0.20	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:29:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4984.72	5142.34	4423.00	4850.02	7.80	ppb
Antimony	121-1	255.19	253.03	254.55	254.26	0.44	ppb
Arsenic	75-2	252.89	256.90	228.16	245.98	6.33	ppb
Barium	135-1	1272.34	1286.40	1289.11	1282.62	0.70	ppb
Barium	137-1	1266.83	1247.72	1280.84	1265.13	1.31	ppb
Beryllium	9-1	256.89	249.61	265.40	257.30	3.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	258.57	256.72	260.71	258.67	0.77	ppb
Cadmium	106-1	252.66	253.55	256.62	254.28	0.82	ppb
Cadmium	111-1	245.46	244.26	249.91	246.54	1.21	ppb
Calcium	43-1	25650.52	26389.54	25362.41	25800.82	2.05	ppb
Calcium	44-1	25144.26	25635.09	25376.79	25385.38	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	244.07	248.17	212.86	235.03	8.22	ppb
Cobalt	59-2	259.49	262.75	225.64	249.29	8.24	ppb
Copper	63-2	2606.78	2622.73	2310.82	2513.44	6.99	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				98		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	13428.24	13749.58	11827.04	13001.62	7.92	ppb
Iron	56-2	13213.90	13405.15	11535.74	12718.26	8.09	ppb
Iron	57-2	12691.03	12743.40	11094.39	12176.27	7.70	ppb
Krypton	83-1						cps
Lead	206-1	1284.26	1256.74	1280.24	1273.75	1.17	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:29:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1281.62	1269.93	1284.17	1278.57	0.59	ppb
Lead	208-1	1270.16	1258.58	1279.90	1269.55	0.84	ppb
Lithium	6-1				95		%
Magnesium	24-2	26216.40	26650.37	22595.24	25154.00	8.85	ppb
Manganese	55-2	2583.08	2621.03	2208.17	2470.76	9.24	ppb
Molybdenum	94-1	2529.31	2548.87	2517.70	2531.96	0.62	ppb
Molybdenum	95-1	2540.68	2534.20	2563.27	2546.05	0.60	ppb
Molybdenum	96-1	2565.27	2542.64	2571.49	2559.80	0.59	ppb
Molybdenum	97-1	2571.89	2531.36	2559.81	2554.35	0.81	ppb
Molybdenum	98-1	2553.45	2563.72	2543.40	2553.52	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.84	249.59	215.75	237.06	7.82	ppb
Phosphorus	31-2	4890.86	5226.77	4416.59	4844.74	8.40	ppb
Potassium	39-2	12837.57	12877.78	11125.51	12280.29	8.15	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	255.60	262.87	255.87	258.12	1.60	ppb
Selenium	77-2	259.81	276.42	217.23	251.15	12.16	ppb
Selenium	78-2	268.95	274.42	237.02	260.13	7.77	ppb
Silicon	28-1	261.49	258.57	259.10	259.72	0.60	ppb
Silver	107-1	264.35	259.30	266.26	263.30	1.37	ppb
Silver	109-1	258.93	255.26	266.32	260.17	2.17	ppb
Sodium	23-2	26400.77	26773.20	23435.06	25536.34	7.16	ppb
Strontium	86-1	6117.93	6246.66	6211.03	6191.87	1.07	ppb
Strontium	88-1	6297.11	6318.69	6299.51	6305.10	0.19	ppb
Sulfur	34-1	4914.49	5023.95	4925.00	4954.48	1.22	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	260.53	247.42	257.35	255.10	2.68	ppb
Thallium	205-1	252.05	251.01	252.78	251.95	0.35	ppb
Tin	118-1	254.51	255.41	255.41	255.11	0.20	ppb
Titanium	47-1	2500.51	2529.37	2533.16	2521.01	0.71	ppb
Uranium	238-1	243.25	243.56	245.44	244.08	0.49	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:29:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	244.88	250.18	216.94	237.33	7.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	2529.30	2568.57	2227.09	2441.65	7.65	ppb
Zirconium	90-1	251.13	252.44	251.44	251.67	0.27	ppb
Zirconium	91-1	256.19	256.35	254.98	255.84	0.29	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:32:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9967.74	10078.19	10023.64	10023.19	0.55	ppb
Antimony	121-1	499.57	500.60	503.88	501.35	0.45	ppb
Arsenic	75-2	504.87	510.58	498.78	504.75	1.17	ppb
Barium	135-1	2546.07	2504.70	2532.81	2527.86	0.84	ppb
Barium	137-1	2530.11	2524.48	2555.09	2536.56	0.64	ppb
Beryllium	9-1	522.78	509.82	507.11	513.24	1.63	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	492.30	509.37	503.08	501.59	1.72	ppb
Cadmium	106-1	498.04	503.46	499.13	500.21	0.57	ppb
Cadmium	111-1	511.19	507.40	500.97	506.52	1.02	ppb
Calcium	43-1	50343.52	50420.45	52001.96	50921.98	1.84	ppb
Calcium	44-1	50011.28	49869.11	51090.49	50323.63	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.03	506.84	492.80	501.56	1.52	ppb
Cobalt	59-2	511.56	511.47	517.49	513.51	0.67	ppb
Copper	63-2	5246.32	5162.49	5197.54	5202.12	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				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	54-2	26706.16	26506.73	26095.02	26435.97	1.18	ppb
Iron	56-2	26336.33	26235.39	25948.87	26173.53	0.77	ppb
Iron	57-2	26601.23	26189.75	26075.02	26288.67	1.05	ppb
Krypton	83-1						cps
Lead	206-1	2472.73	2461.01	2529.67	2487.81	1.48	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:32:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2492.16	2463.73	2549.14	2501.68	1.74	ppb
Lead	208-1	2498.91	2485.13	2538.78	2507.61	1.11	ppb
Lithium	6-1				92		%
Magnesium	24-2	50931.97	51690.32	50590.05	51070.78	1.10	ppb
Manganese	55-2	5024.05	5034.26	4879.74	4979.35	1.74	ppb
Molybdenum	94-1	5034.25	4935.57	5048.19	5006.00	1.23	ppb
Molybdenum	95-1	5030.65	4928.88	4980.04	4979.86	1.02	ppb
Molybdenum	96-1	5014.38	4955.16	4979.66	4983.07	0.60	ppb
Molybdenum	97-1	4993.04	5005.80	4996.32	4998.39	0.13	ppb
Molybdenum	98-1	5095.25	4928.33	5034.12	5019.23	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.74	525.90	521.03	521.56	0.79	ppb
Phosphorus	31-2	10126.27	10192.39	9846.60	10055.08	1.83	ppb
Potassium	39-2	25173.24	25230.84	25134.48	25179.52	0.19	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	500.59	493.51	501.04	498.38	0.85	ppb
Selenium	77-2	518.77	527.53	482.95	509.75	4.63	ppb
Selenium	78-2	505.18	502.98	505.84	504.67	0.30	ppb
Silicon	28-1	508.21	497.10	523.30	509.54	2.58	ppb
Silver	107-1	501.92	509.76	497.51	503.06	1.23	ppb
Silver	109-1	497.88	509.95	497.17	501.67	1.43	ppb
Sodium	23-2	53173.26	52837.46	52386.76	52799.16	0.75	ppb
Strontium	86-1	12581.06	12478.76	12680.96	12580.26	0.80	ppb
Strontium	88-1	12493.75	12503.53	12449.03	12482.10	0.23	ppb
Sulfur	34-1	9935.80	9769.35	9932.80	9879.32	0.96	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	496.66	487.61	506.97	497.08	1.95	ppb
Thallium	205-1	496.04	492.05	505.68	497.92	1.41	ppb
Tin	118-1	500.94	506.29	501.86	503.03	0.57	ppb
Titanium	47-1	4972.12	4879.93	5014.09	4955.38	1.38	ppb
Uranium	238-1	491.84	496.77	495.95	494.85	0.53	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:32:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	511.36	507.69	499.30	506.12	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	5180.20	5201.74	5170.78	5184.24	0.31	ppb
Zirconium	90-1	502.35	494.57	505.00	500.64	1.08	ppb
Zirconium	91-1	507.10	497.78	498.58	501.15	1.03	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:35:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20288.24	20573.29	20364.28	20408.60	0.72	ppb
Antimony	121-1	987.84	1001.63	1004.40	997.96	0.89	ppb
Arsenic	75-2	973.77	1020.50	1001.74	998.67	2.35	ppb
Barium	135-1	4925.09	4991.07	5011.23	4975.80	0.91	ppb
Barium	137-1	4837.21	5030.91	5056.97	4975.03	2.41	ppb
Beryllium	9-1	997.11	987.25	990.00	991.45	0.51	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	981.09	999.66	1007.81	996.18	1.37	ppb
Cadmium	106-1	977.68	1007.76	1008.63	998.02	1.77	ppb
Cadmium	111-1	979.30	1007.71	1005.02	997.34	1.57	ppb
Calcium	43-1	101973.61	99587.42	101413.22	100991.42	1.24	ppb
Calcium	44-1	101718.88	99943.18	101370.84	101010.97	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1019.17	994.76	997.91	1003.95	1.32	ppb
Cobalt	59-2	1001.60	996.68	982.98	993.75	0.97	ppb
Copper	63-2	9881.33	9923.68	9866.38	9890.47	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				96		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	54-2	52349.68	51968.43	51797.47	52038.53	0.54	ppb
Iron	56-2	52078.63	51440.39	50851.35	51456.79	1.19	ppb
Iron	57-2	50896.62	51114.22	50953.15	50988.00	0.22	ppb
Krypton	83-1						cps
Lead	206-1	4945.87	5001.64	5051.26	4999.59	1.05	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:35:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4978.94	4998.80	4997.85	4991.86	0.22	ppb
Lead	208-1	4946.79	4999.31	5027.32	4991.14	0.82	ppb
Lithium	6-1				91		%
Magnesium	24-2	100928.58	100761.36	102266.22	101318.72	0.81	ppb
Manganese	55-2	10053.64	10004.23	10004.10	10020.65	0.29	ppb
Molybdenum	94-1	10004.24	10004.16	9953.74	9987.38	0.29	ppb
Molybdenum	95-1	10075.99	10005.97	9909.04	9997.00	0.84	ppb
Molybdenum	96-1	10007.80	9987.66	9977.93	9991.13	0.15	ppb
Molybdenum	97-1	9936.78	9982.93	10032.32	9984.01	0.48	ppb
Molybdenum	98-1	9962.74	9982.74	9982.39	9975.96	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.62	982.64	1002.31	993.19	1.00	ppb
Phosphorus	31-2	20305.92	19732.30	20008.78	20015.67	1.43	ppb
Potassium	39-2	49152.64	48869.39	48473.84	48831.96	0.70	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	1011.77	993.75	989.18	998.23	1.20	ppb
Selenium	77-2	964.63	1026.42	993.03	994.69	3.11	ppb
Selenium	78-2	972.12	1001.87	1011.45	995.15	2.06	ppb
Silicon	28-1	998.80	972.77	1003.54	991.70	1.67	ppb
Silver	107-1	976.57	1002.45	1002.19	993.74	1.50	ppb
Silver	109-1	979.31	995.39	1011.61	995.44	1.62	ppb
Sodium	23-2	104414.48	102980.73	104331.49	103908.90	0.77	ppb
Strontium	86-1	25000.20	25091.78	24806.18	24966.05	0.58	ppb
Strontium	88-1	24939.68	24924.58	25057.63	24973.96	0.29	ppb
Sulfur	34-1	20287.13	19627.02	20061.56	19991.90	1.68	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	984.31	1005.31	1010.39	1000.01	1.38	ppb
Thallium	205-1	989.50	997.97	1014.22	1000.56	1.26	ppb
Tin	118-1	980.31	1001.11	1008.58	996.67	1.47	ppb
Titanium	47-1	10025.65	9921.83	10101.18	10016.22	0.90	ppb
Uranium	238-1	1002.58	996.12	1014.96	1004.55	0.95	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:35:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1009.23	1001.24	992.76	1001.08	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	9961.54	9943.43	9869.80	9924.92	0.49	ppb
Zirconium	90-1	1009.51	991.58	995.18	998.76	0.95	ppb
Zirconium	91-1	1024.24	981.03	990.19	998.49	2.28	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:38:06	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99700.35	100746.96	99327.25	99924.85	0.74	ppb
Antimony	121-1	0.98	0.94	0.97	0.96	2.10	ppb
Arsenic	75-2	0.48	0.61	0.53	0.54	12.74	ppb
Barium	135-1	1.76	1.73	1.71	1.73	1.22	ppb
Barium	137-1	1.80	1.74	1.69	1.74	3.21	ppb
Beryllium	9-1	0.37	0.34	0.30	0.34	11.21	ppb
Bismuth	209-1				81		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	0.62	0.73	0.70	0.68	8.36	ppb
Cadmium	106-1	-0.03	-0.53	-0.64	-0.40		ppb
Cadmium	111-1	0.11	0.06	0.05	0.07	43.78	ppb
Calcium	43-1	496343.93	495521.57	507149.80	499671.77	1.30	ppb
Calcium	44-1	492528.25	498138.35	508554.71	499740.43	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.03	2.97	2.88	2.96	2.56	ppb
Cobalt	59-2	2.19	2.11	2.02	2.11	4.00	ppb
Copper	63-2	1.85	1.72	1.66	1.75	5.55	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				92		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	54-2	253916.25	251435.32	242913.23	249421.60	2.31	ppb
Iron	56-2	253964.52	249552.24	245214.62	249577.13	1.75	ppb
Iron	57-2	254529.65	249864.43	244682.59	249692.22	1.97	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.95	0.89	0.95	6.64	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:38:06	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.01	0.91	0.89	0.94	6.52	ppb
Lead	208-1	0.98	0.92	0.90	0.94	4.74	ppb
Lithium	6-1				81		%
Magnesium	24-2	507109.87	492734.16	498996.09	499613.38	1.44	ppb
Manganese	55-2	4.49	4.62	4.30	4.47	3.58	ppb
Molybdenum	94-1	7.44	7.41	7.26	7.37	1.26	ppb
Molybdenum	95-1	5.30	5.21	5.23	5.25	0.87	ppb
Molybdenum	96-1	5.68	5.43	5.41	5.51	2.67	ppb
Molybdenum	97-1	5.32	5.43	5.16	5.30	2.51	ppb
Molybdenum	98-1	5.15	5.15	5.03	5.11	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.38	3.33	3.08	3.26	4.85	ppb
Phosphorus	31-2	-4.23	-13.76	-21.87	-13.29		ppb
Potassium	39-2	251935.11	251155.08	247618.73	250236.30	0.92	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	-0.18	-0.10	0.13	-0.05		ppb
Selenium	77-2	1.75	0.00	0.85	0.87	100.96	ppb
Selenium	78-2	0.16	-0.59	0.87	0.15	488.22	ppb
Silicon	28-1	14.29	14.33	13.83	14.15	1.96	ppb
Silver	107-1	0.20	0.17	0.18	0.18	6.61	ppb
Silver	109-1	0.18	0.18	0.17	0.17	4.43	ppb
Sodium	23-2	500833.60	502317.80	493546.85	498899.42	0.94	ppb
Strontium	86-1	77.20	75.89	75.51	76.20	1.17	ppb
Strontium	88-1	78.55	78.39	78.18	78.37	0.24	ppb
Sulfur	34-1	-705.48	-661.10	-358.12	-574.90		ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	0.10	0.08	0.08	0.09	11.95	ppb
Thallium	205-1	0.10	0.09	0.07	0.09	13.80	ppb
Tin	118-1	0.06	0.07	0.03	0.06	37.95	ppb
Titanium	47-1	1.31	1.28	1.30	1.30	1.43	ppb
Uranium	238-1	0.05	0.05	0.04	0.05	11.00	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:38:06	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.23	0.29	0.26	0.26	11.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	5.53	5.13	4.91	5.19	5.99	ppb
Zirconium	90-1	1.67	1.67	1.65	1.66	0.68	ppb
Zirconium	91-1	1.68	1.64	1.58	1.63	3.17	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:14:28	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	492.67	503.21	458.18	484.69	4.86	ppb
Antimony	121-1	209.61	207.34	207.05	208.00	0.68	ppb
Arsenic	75-2	208.44	210.93	202.22	207.20	2.17	ppb
Barium	135-1	100.63	101.54	101.53	101.23	0.51	ppb
Barium	137-1	102.05	102.83	104.62	103.17	1.27	ppb
Beryllium	9-1	104.95	104.95	104.34	104.75	0.34	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	87.96	88.27	88.69	88.31	0.41	ppb
Cadmium	106-1	85.28	83.88	82.47	83.88	1.68	ppb
Cadmium	111-1	102.06	105.18	103.20	103.48	1.53	ppb
Calcium	43-1	1943.51	1957.24	1917.68	1939.47	1.04	ppb
Calcium	44-1	2025.41	1986.54	1998.92	2003.62	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.06	101.54	94.40	99.33	4.31	ppb
Cobalt	59-2	105.50	105.80	98.36	103.22	4.08	ppb
Copper	63-2	107.72	107.78	100.02	105.18	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	2186.54	2156.87	2014.72	2119.37	4.33	ppb
Iron	56-2	2132.76	2140.12	1936.81	2069.89	5.57	ppb
Iron	57-2	2074.04	2048.96	1886.44	2003.15	5.08	ppb
Krypton	83-1						cps
Lead	206-1	200.77	211.11	216.00	209.30	3.72	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:14:28	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	192.97	201.54	204.58	199.70	3.02	ppb
Lead	208-1	196.67	202.35	206.76	201.93	2.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	1151.66	1161.37	1076.51	1129.85	4.11	ppb
Manganese	55-2	101.16	99.50	93.40	98.02	4.17	ppb
Molybdenum	94-1	0.09	0.09	0.10	0.09	8.13	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	7.26	ppb
Molybdenum	96-1	0.12	0.12	0.10	0.11	10.63	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	17.05	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	13.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.98	104.16	96.25	101.46	4.45	ppb
Phosphorus	31-2	-22.56	-19.41	-30.20	-24.06		ppb
Potassium	39-2	1955.54	1949.25	1813.35	1906.05	4.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	212.82	211.98	210.81	211.87	0.48	ppb
Selenium	77-2	230.49	221.19	213.70	221.79	3.79	ppb
Selenium	78-2	211.93	219.55	202.75	211.41	3.98	ppb
Silicon	28-1	1.14	0.85	0.48	0.83	40.39	ppb
Silver	107-1	49.05	50.09	50.01	49.72	1.17	ppb
Silver	109-1	49.38	51.00	50.35	50.24	1.62	ppb
Sodium	23-2	2148.13	2115.36	2017.92	2093.80	3.23	ppb
Strontium	86-1	5.90	5.62	6.13	5.88	4.36	ppb
Strontium	88-1	5.81	5.65	5.80	5.75	1.53	ppb
Sulfur	34-1	-292.87	-366.87	-614.22	-424.65		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	197.78	206.62	209.22	204.54	2.93	ppb
Thallium	205-1	196.76	204.20	205.28	202.08	2.29	ppb
Tin	118-1	-0.01	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.26	0.24	0.27	0.25	5.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.93	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:14:28	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.41	99.26	92.22	96.96	4.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	200.90	199.91	186.07	195.63	4.24	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.15	ppb
Zirconium	91-1	0.10	0.11	0.10	0.10	8.65	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:18:19	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	0.17	0.53	0.04	1606.02	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	20.56	ppb
Arsenic	75-2	-0.01	-0.03	-0.04	-0.03		ppb
Barium	135-1	-0.12	-0.12	-0.13	-0.12		ppb
Barium	137-1	-0.12	-0.12	-0.12	-0.12		ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	12.46	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.04	0.06	0.06	32.67	ppb
Cadmium	106-1	-1.16	-0.43	-0.81	-0.80		ppb
Cadmium	111-1	-0.08	-0.03	-0.06	-0.06		ppb
Calcium	43-1	-30.02	-29.79	-29.94	-29.91		ppb
Calcium	44-1	-30.12	-29.67	-30.25	-30.01		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	0.05	0.02	135.61	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	66.05	ppb
Copper	63-2	-0.04	-0.03	-0.07	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	0.59	0.00	0.09	0.22	142.59	ppb
Iron	56-2	0.22	0.23	0.16	0.20	19.36	ppb
Iron	57-2	-0.28	0.66	-0.03	0.12	410.17	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	15.16	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:18:19	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.02	0.02	19.79	ppb
Lead	208-1	0.03	0.02	0.02	0.03	13.70	ppb
Lithium	6-1				98		%
Magnesium	24-2	-5.27	-4.29	-4.85	-4.80		ppb
Manganese	55-2	0.00	0.00	0.02	0.01	180.09	ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	1618.02	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	167.88	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	115.72	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	832.99	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	416.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.10	-0.11	-0.10		ppb
Phosphorus	31-2	-21.81	-22.46	-9.85	-18.04		ppb
Potassium	39-2	7.30	5.91	7.33	6.85	11.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-0.05	-0.26	0.00	-0.10		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	0.34	-0.14	-0.06		ppb
Silicon	28-1	-0.07	0.11	-0.20	-0.05		ppb
Silver	107-1	0.02	0.02	0.01	0.02	23.18	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.56	ppb
Sodium	23-2	8.23	9.07	8.37	8.56	5.24	ppb
Strontium	86-1	-0.10	-0.47	-0.50	-0.36		ppb
Strontium	88-1	-0.20	-0.25	-0.21	-0.22		ppb
Sulfur	34-1	-358.79	-289.55	-359.36	-335.90		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.01	20.63	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	26.16	ppb
Tin	118-1	0.00	-0.01	-0.03	-0.01		ppb
Titanium	47-1	0.01	0.00	0.03	0.01	141.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	849.65	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:18:19	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	-0.01	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	-0.14	-0.12	-0.15	-0.14		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:21:42	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97043.85	99619.93	96092.96	97585.58	1.87	ppb
Antimony	121-1	1.13	1.14	1.18	1.15	2.44	ppb
Arsenic	75-2	0.39	0.22	0.19	0.27	39.87	ppb
Barium	135-1	1.25	1.29	1.32	1.29	2.75	ppb
Barium	137-1	1.27	1.33	1.35	1.32	3.11	ppb
Beryllium	9-1	0.32	0.31	0.31	0.31	1.58	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	18.76	17.62	18.57	18.32	3.34	ppb
Cadmium	106-1	-0.90	-1.27	-1.56	-1.24		ppb
Cadmium	111-1	0.62	0.59	0.53	0.58	8.20	ppb
Calcium	43-1	102175.02	102636.65	104303.15	103038.27	1.09	ppb
Calcium	44-1	102474.28	103419.68	103785.35	103226.44	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.10	20.31	19.77	20.06	1.34	ppb
Cobalt	59-2	1.18	1.19	1.15	1.17	1.69	ppb
Copper	63-2	8.32	8.34	8.19	8.28	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				97		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	54-2	107177.35	106118.28	104087.93	105794.52	1.48	ppb
Iron	56-2	107911.21	107196.23	104753.29	106620.24	1.55	ppb
Iron	57-2	105618.39	107810.97	103445.14	105624.83	2.07	ppb
Krypton	83-1						cps
Lead	206-1	4.85	4.81	4.68	4.78	1.87	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:21:42	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.43	4.34	4.28	4.35	1.78	ppb
Lead	208-1	4.53	4.49	4.41	4.48	1.39	ppb
Lithium	6-1				89		%
Magnesium	24-2	99308.99	101365.85	97104.94	99259.93	2.15	ppb
Manganese	55-2	7.78	7.84	7.76	7.79	0.53	ppb
Molybdenum	94-1	1654.63	1635.13	1647.79	1645.85	0.60	ppb
Molybdenum	95-1	2027.34	1993.67	2009.17	2010.06	0.84	ppb
Molybdenum	96-1	1985.56	1943.50	1978.26	1969.11	1.14	ppb
Molybdenum	97-1	2025.02	2014.11	2008.76	2015.96	0.41	ppb
Molybdenum	98-1	2018.21	2007.93	2032.23	2019.46	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.08	5.10	5.13	5.10	0.51	ppb
Phosphorus	31-2	106656.85	106922.41	103896.91	105825.39	1.58	ppb
Potassium	39-2	102312.44	102078.12	98739.28	101043.28	1.98	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.10	0.25	0.03	0.13	87.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	-0.07	-0.84	-0.33		ppb
Silicon	28-1	27.77	28.28	29.76	28.60	3.62	ppb
Silver	107-1	0.07	0.05	0.04	0.06	26.47	ppb
Silver	109-1	0.07	0.05	0.04	0.05	29.44	ppb
Sodium	23-2	108993.49	109909.17	107393.17	108765.28	1.17	ppb
Strontium	86-1	856.87	850.64	859.17	855.56	0.52	ppb
Strontium	88-1	902.04	867.39	870.37	879.93	2.18	ppb
Sulfur	34-1	100610.90	100422.16	104669.97	101901.01	2.36	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.09	0.10	0.09	0.09	6.77	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	2.14	ppb
Tin	118-1	0.18	0.21	0.22	0.20	9.64	ppb
Titanium	47-1	2132.90	2113.17	2110.61	2118.89	0.58	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.50	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:21:42	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.12	0.15	0.14	8.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	11.72	11.50	11.10	11.44	2.77	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.03	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	18.79	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:29:41	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99280.10	98681.38	95183.28	97714.92	2.26	ppb
Antimony	121-1	21.38	21.38	21.17	21.31	0.57	ppb
Arsenic	75-2	21.33	22.32	21.52	21.72	2.43	ppb
Barium	135-1	21.20	21.32	21.35	21.29	0.37	ppb
Barium	137-1	21.48	21.73	21.90	21.70	0.98	ppb
Beryllium	9-1	21.44	21.10	21.29	21.28	0.80	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	34.67	33.90	33.95	34.17	1.27	ppb
Cadmium	106-1	14.59	14.55	13.67	14.27	3.66	ppb
Cadmium	111-1	20.55	20.30	19.82	20.23	1.84	ppb
Calcium	43-1	100393.36	103229.02	104762.51	102794.96	2.16	ppb
Calcium	44-1	102078.47	103175.25	103082.59	102778.77	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.54	40.56	39.45	40.18	1.58	ppb
Cobalt	59-2	21.81	21.50	21.56	21.62	0.74	ppb
Copper	63-2	29.00	28.91	28.82	28.91	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				96		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	54-2	108123.62	108780.15	106968.30	107957.36	0.85	ppb
Iron	56-2	109423.60	108827.71	106513.72	108255.01	1.42	ppb
Iron	57-2	107174.66	106197.92	105354.26	106242.28	0.86	ppb
Krypton	83-1						cps
Lead	206-1	25.05	25.09	25.65	25.26	1.33	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:29:41	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.89	24.38	24.80	24.36	1.86	ppb
Lead	208-1	24.36	24.46	24.83	24.55	1.00	ppb
Lithium	6-1				90		%
Magnesium	24-2	99932.21	98267.68	97569.61	98589.83	1.23	ppb
Manganese	55-2	27.45	27.88	27.16	27.50	1.31	ppb
Molybdenum	94-1	1609.83	1616.16	1622.28	1616.09	0.39	ppb
Molybdenum	95-1	1975.17	1981.13	2010.38	1988.89	0.95	ppb
Molybdenum	96-1	1943.38	1936.78	1959.17	1946.44	0.59	ppb
Molybdenum	97-1	2005.80	1992.14	2016.25	2004.73	0.60	ppb
Molybdenum	98-1	1997.98	1998.55	2030.84	2009.12	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.52	25.64	25.41	25.52	0.45	ppb
Phosphorus	31-2	105674.71	106087.48	105072.05	105611.41	0.48	ppb
Potassium	39-2	102463.85	102687.03	100741.72	101964.20	1.04	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	20.56	21.78	21.92	21.42	3.50	ppb
Selenium	77-2	22.89	20.20	21.37	21.49	6.28	ppb
Selenium	78-2	21.19	21.39	17.35	19.98	11.41	ppb
Silicon	28-1	29.94	30.65	31.64	30.74	2.78	ppb
Silver	107-1	18.70	18.86	18.77	18.78	0.44	ppb
Silver	109-1	18.95	19.09	19.01	19.02	0.37	ppb
Sodium	23-2	112491.90	110628.65	108160.63	110427.06	1.97	ppb
Strontium	86-1	824.43	848.87	845.91	839.74	1.59	ppb
Strontium	88-1	880.85	892.42	881.47	884.91	0.74	ppb
Sulfur	34-1	98648.26	102053.71	103194.44	101298.80	2.33	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	20.26	20.71	20.94	20.64	1.66	ppb
Thallium	205-1	20.59	20.81	21.05	20.82	1.11	ppb
Tin	118-1	0.15	0.13	0.12	0.14	10.84	ppb
Titanium	47-1	2060.49	2098.46	2102.47	2087.14	1.11	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.33	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:29:41	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.52	20.13	20.18	20.28	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	31.64	31.72	30.93	31.43	1.38	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.57	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	15.89	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P8
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:32:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51838.56	51903.46	50514.97	51419.00	1.52	ppb
Antimony	121-1	502.05	495.79	491.24	496.36	1.09	ppb
Arsenic	75-2	498.61	509.12	509.06	505.60	1.20	ppb
Barium	135-1	2573.86	2546.67	2464.70	2528.41	2.25	ppb
Barium	137-1	2581.21	2562.61	2478.13	2540.65	2.16	ppb
Beryllium	9-1	527.52	527.94	508.05	521.17	2.18	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	494.12	504.69	479.38	492.73	2.58	ppb
Cadmium	106-1	499.09	496.09	484.70	493.29	1.54	ppb
Cadmium	111-1	504.04	498.93	477.41	493.46	2.86	ppb
Calcium	43-1	253273.45	251233.64	254732.91	253080.00	0.69	ppb
Calcium	44-1	255112.06	251113.24	254724.03	253649.77	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.72	504.85	499.52	500.03	0.92	ppb
Cobalt	59-2	495.13	494.17	489.03	492.78	0.67	ppb
Copper	63-2	4741.79	4720.07	4760.04	4740.63	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				92		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	54-2	127801.63	126338.95	127209.89	127116.82	0.58	ppb
Iron	56-2	127519.37	125970.97	127205.30	126898.55	0.65	ppb
Iron	57-2	125393.36	125772.21	125036.00	125400.53	0.29	ppb
Krypton	83-1						cps
Lead	206-1	2573.22	2554.65	2546.02	2557.96	0.54	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P8
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:32:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2572.99	2552.51	2554.17	2559.89	0.44	ppb
Lead	208-1	2571.69	2557.49	2555.62	2561.60	0.34	ppb
Lithium	6-1				86		%
Magnesium	24-2	251302.90	250326.99	247789.97	249806.62	0.73	ppb
Manganese	55-2	4910.80	4904.90	4902.17	4905.96	0.09	ppb
Molybdenum	94-1	5050.58	5094.38	4993.06	5046.01	1.01	ppb
Molybdenum	95-1	5050.99	5075.14	5008.22	5044.78	0.67	ppb
Molybdenum	96-1	5039.47	5091.50	5064.96	5065.31	0.51	ppb
Molybdenum	97-1	5117.04	5070.56	5069.25	5085.62	0.54	ppb
Molybdenum	98-1	5143.10	5007.34	5038.19	5062.87	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.41	450.64	450.68	450.58	0.03	ppb
Phosphorus	31-2	10192.56	10070.64	10067.68	10110.29	0.70	ppb
Potassium	39-2	123310.54	123982.60	124257.85	123850.33	0.39	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	492.99	494.39	499.61	495.67	0.70	ppb
Selenium	77-2	487.02	513.24	501.86	500.71	2.63	ppb
Selenium	78-2	483.54	502.75	495.18	493.83	1.96	ppb
Silicon	28-1	515.87	511.53	511.80	513.07	0.47	ppb
Silver	107-1	484.72	487.45	477.58	483.25	1.05	ppb
Silver	109-1	485.97	489.45	473.41	482.94	1.75	ppb
Sodium	23-2	262187.91	260548.34	258687.94	260474.73	0.67	ppb
Strontium	86-1	12989.73	12834.46	12941.70	12921.96	0.62	ppb
Strontium	88-1	12645.43	12689.57	12648.06	12661.02	0.20	ppb
Sulfur	34-1	10196.35	10455.13	10773.55	10475.01	2.76	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	514.98	508.33	506.09	509.80	0.91	ppb
Thallium	205-1	518.12	508.68	512.00	512.93	0.93	ppb
Tin	118-1	502.34	499.55	480.16	494.02	2.45	ppb
Titanium	47-1	5043.18	5069.46	5009.28	5040.64	0.60	ppb
Uranium	238-1	522.15	523.94	521.50	522.53	0.24	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P8
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:32:48	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	502.97	513.22	501.10	505.76	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	4835.01	4761.36	4800.32	4798.90	0.77	ppb
Zirconium	90-1	511.84	508.10	509.69	509.88	0.37	ppb
Zirconium	91-1	509.85	515.91	510.88	512.21	0.63	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P8
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:35:35	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	1.03	0.82	1.07	24.99	ppb
Antimony	121-1	0.15	0.13	0.11	0.13	13.66	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.02		ppb
Barium	135-1	0.05	0.01	0.02	0.03	74.52	ppb
Barium	137-1	0.08	0.00	0.00	0.03	156.26	ppb
Beryllium	9-1	0.17	0.14	0.12	0.14	15.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.06	0.07	0.06	11.56	ppb
Cadmium	106-1	-0.88	-0.78	-0.78	-0.82		ppb
Cadmium	111-1	-0.04	-0.04	-0.04	-0.04		ppb
Calcium	43-1	-19.87	-23.47	-22.84	-22.06		ppb
Calcium	44-1	-20.62	-21.83	-21.90	-21.45		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.69	ppb
Copper	63-2	0.12	0.05	0.06	0.08	48.99	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				98		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	3.66	3.09	3.39	3.38	8.37	ppb
Iron	56-2	3.37	3.09	3.04	3.16	5.67	ppb
Iron	57-2	2.77	2.59	2.66	2.67	3.29	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.20	0.21	0.22	13.05	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P8
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:35:35	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.24	0.20	0.21	0.22	8.69	ppb
Lead	208-1	0.24	0.21	0.21	0.22	9.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	-4.05	-4.16	-4.09	-4.10		ppb
Manganese	55-2	0.11	0.07	0.09	0.09	18.41	ppb
Molybdenum	94-1	0.23	0.17	0.16	0.18	20.32	ppb
Molybdenum	95-1	0.21	0.16	0.14	0.17	19.38	ppb
Molybdenum	96-1	0.21	0.16	0.15	0.18	18.33	ppb
Molybdenum	97-1	0.21	0.15	0.15	0.17	19.27	ppb
Molybdenum	98-1	0.21	0.18	0.14	0.18	20.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.12	-0.12	-0.12		ppb
Phosphorus	31-2	-17.32	-27.23	-23.79	-22.78		ppb
Potassium	39-2	55.38	51.85	52.53	53.25	3.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.03	-0.12	-0.09	-0.06		ppb
Selenium	77-2	0.00	0.82	0.00	0.27	173.21	ppb
Selenium	78-2	-0.12	-0.37	-0.60	-0.37		ppb
Silicon	28-1	0.62	1.31	0.92	0.95	36.31	ppb
Silver	107-1	0.06	0.05	0.04	0.05	18.84	ppb
Silver	109-1	0.06	0.05	0.05	0.05	12.37	ppb
Sodium	23-2	84.24	78.52	79.72	80.82	3.73	ppb
Strontium	86-1	-0.26	-0.23	-0.37	-0.29		ppb
Strontium	88-1	0.09	-0.11	-0.03	-0.02		ppb
Sulfur	34-1	-1094.97	-799.21	-901.97	-932.05		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.07	0.07	0.07	17.57	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	8.72	ppb
Tin	118-1	0.00	0.01	0.01	0.01	47.63	ppb
Titanium	47-1	0.14	0.14	0.15	0.14	5.34	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	31.74	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P8
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:35:35	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.10	-0.05	-0.05	0.00		ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	13.96	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	33.15	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BL	Instrumnet Name :	P8
Client Sample ID :	PBW569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:38:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	0.85	0.75	0.72	21.11	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	9.02	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	546.23	ppb
Barium	135-1	-0.07	-0.07	-0.06	-0.07		ppb
Barium	137-1	-0.07	-0.07	-0.08	-0.07		ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	15.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.09	0.07	0.06	49.67	ppb
Cadmium	106-1	-0.44	-1.15	-0.71	-0.77		ppb
Cadmium	111-1	-0.03	-0.08	-0.04	-0.05		ppb
Calcium	43-1	-27.72	-27.16	-28.01	-27.63		ppb
Calcium	44-1	-26.46	-27.38	-27.64	-27.16		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	20.33	ppb
Copper	63-2	0.05	0.05	0.07	0.06	21.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	1.37	1.70	2.09	1.72	21.09	ppb
Iron	56-2	2.08	1.65	1.97	1.90	11.78	ppb
Iron	57-2	1.51	0.86	2.10	1.49	41.58	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.10	0.12	15.63	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BL	Instrumnet Name :	P8
Client Sample ID :	PBW569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:38:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.13	0.11	0.12	9.27	ppb
Lead	208-1	0.13	0.12	0.11	0.12	10.07	ppb
Lithium	6-1				97		%
Magnesium	24-2	-4.81	-6.35	-5.18	-5.45		ppb
Manganese	55-2	0.04	0.02	0.05	0.04	46.30	ppb
Molybdenum	94-1	0.06	0.05	0.04	0.05	13.17	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.20	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	15.79	ppb
Molybdenum	97-1	0.05	0.04	0.03	0.04	28.34	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	7.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.14	-0.12	-0.12		ppb
Phosphorus	31-2	-18.38	-16.98	-13.15	-16.17		ppb
Potassium	39-2	42.76	36.06	36.73	38.52	9.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.27	0.11	0.04	0.14	85.37	ppb
Selenium	77-2	0.00	0.00	0.82	0.27	173.21	ppb
Selenium	78-2	-0.84	-0.39	0.57	-0.22		ppb
Silicon	28-1	0.40	0.20	-0.88	-0.09		ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.49	ppb
Silver	109-1	0.01	0.02	0.02	0.02	12.72	ppb
Sodium	23-2	70.39	60.59	64.03	65.01	7.65	ppb
Strontium	86-1	0.12	-0.36	-0.31	-0.18		ppb
Strontium	88-1	-0.16	-0.17	-0.16	-0.16		ppb
Sulfur	34-1	-611.34	-727.50	-834.53	-724.45		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.04	0.03	0.04	10.33	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	9.50	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.30	0.30	0.30	0.30	0.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	31.27	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BL	Instrumnet Name :	P8
Client Sample ID :	PBW569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:38:54	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.07	0.08	0.05	0.07	19.41	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	75.88	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BS	Instrumnet Name :	P8
Client Sample ID :	LCS569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:43:18	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.47	36.84	39.47	39.26	5.91	ppb
Antimony	121-1	3.94	4.02	4.06	4.01	1.54	ppb
Arsenic	75-2	2.18	2.18	1.99	2.12	5.36	ppb
Barium	135-1	19.24	19.40	19.15	19.26	0.66	ppb
Barium	137-1	19.53	19.58	19.75	19.62	0.59	ppb
Beryllium	9-1	2.10	2.04	2.09	2.07	1.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.97	1.94	2.20	2.04	6.98	ppb
Cadmium	106-1	1.20	1.72	1.01	1.31	28.27	ppb
Cadmium	111-1	2.04	2.09	1.96	2.03	3.18	ppb
Calcium	43-1	982.27	960.46	972.28	971.67	1.12	ppb
Calcium	44-1	967.19	963.53	966.05	965.59	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.83	3.77	3.79	0.98	ppb
Cobalt	59-2	2.03	2.03	2.12	2.06	2.35	ppb
Copper	63-2	4.40	4.51	4.61	4.51	2.40	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				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	413.27	416.36	416.33	415.32	0.43	ppb
Iron	56-2	411.97	413.77	416.47	414.07	0.55	ppb
Iron	57-2	393.07	405.12	415.34	404.51	2.76	ppb
Krypton	83-1						cps
Lead	206-1	2.01	1.99	1.99	1.99	0.57	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BS	Instrumnet Name :	P8
Client Sample ID :	LCS569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:43:18	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.97	1.97	2.05	2.00	2.37	ppb
Lead	208-1	1.98	1.98	2.02	1.99	1.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	932.63	952.37	952.34	945.78	1.20	ppb
Manganese	55-2	2.01	2.05	1.97	2.01	1.92	ppb
Molybdenum	94-1	10.88	11.29	11.42	11.20	2.51	ppb
Molybdenum	95-1	9.26	9.41	9.60	9.42	1.82	ppb
Molybdenum	96-1	9.36	9.71	9.87	9.64	2.70	ppb
Molybdenum	97-1	9.46	9.57	9.92	9.65	2.48	ppb
Molybdenum	98-1	9.30	9.48	9.61	9.46	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	1.98	1.91	1.90	4.40	ppb
Phosphorus	31-2	23.50	15.60	28.39	22.49	28.69	ppb
Potassium	39-2	1007.60	982.82	1029.66	1006.69	2.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	10.01	10.43	10.73	10.39	3.50	ppb
Selenium	77-2	13.66	10.36	13.81	12.61	15.49	ppb
Selenium	78-2	5.86	10.39	8.97	8.41	27.54	ppb
Silicon	28-1	22.42	21.66	21.62	21.90	2.05	ppb
Silver	107-1	1.97	2.01	2.05	2.01	1.85	ppb
Silver	109-1	1.98	2.04	2.00	2.01	1.67	ppb
Sodium	23-2	1047.66	1061.72	1076.26	1061.88	1.35	ppb
Strontium	86-1	46.62	48.76	49.16	48.18	2.84	ppb
Strontium	88-1	47.09	48.14	48.66	47.96	1.66	ppb
Sulfur	34-1	-437.62	-541.47	-525.96	-501.69		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.92	1.88	1.91	1.91	1.18	ppb
Thallium	205-1	1.92	1.92	1.93	1.92	0.43	ppb
Tin	118-1	9.98	10.05	10.03	10.02	0.40	ppb
Titanium	47-1	2.64	2.57	2.68	2.63	2.25	ppb
Uranium	238-1	1.77	1.76	1.79	1.77	0.63	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BS	Instrumnet Name :	P8
Client Sample ID :	LCS569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:43:18	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.77	9.85	10.17	9.93	2.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	9.52	9.91	10.19	9.87	3.41	ppb
Zirconium	90-1	1.87	1.86	1.90	1.88	1.18	ppb
Zirconium	91-1	1.90	1.80	1.94	1.88	3.87	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01	Instrumnet Name :	P8
Client Sample ID :	ME2975	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:46:37	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.71	8.97	9.88	9.52	5.05	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	7.44	ppb
Arsenic	75-2	2.20	2.52	2.57	2.43	8.18	ppb
Barium	135-1	106.54	108.69	117.59	110.94	5.28	ppb
Barium	137-1	107.41	110.85	118.20	112.15	4.92	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	23.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.17	0.07	0.21	0.15	47.59	ppb
Cadmium	106-1	-1.08	-0.25	-0.20	-0.51		ppb
Cadmium	111-1	-0.08	0.00	-0.01	-0.03		ppb
Calcium	43-1	183079.39	181741.25	190056.00	184958.88	2.41	ppb
Calcium	44-1	174380.12	177889.40	184861.13	179043.55	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.60	0.62	0.61	1.51	ppb
Cobalt	59-2	0.25	0.27	0.28	0.26	5.89	ppb
Copper	63-2	0.38	0.46	0.42	0.42	9.56	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				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	747.40	766.86	777.33	763.86	1.99	ppb
Iron	56-2	783.87	800.61	812.46	798.98	1.80	ppb
Iron	57-2	736.49	760.12	765.64	754.08	2.05	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.34	0.32	0.33	4.08	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01	Instrumnet Name :	P8
Client Sample ID :	ME2975	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:46:37	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.32	0.32	0.31	0.32	1.86	ppb
Lead	208-1	0.33	0.31	0.31	0.32	3.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	45292.14	46800.32	47434.69	46509.05	2.37	ppb
Manganese	55-2	53.52	55.01	54.93	54.49	1.54	ppb
Molybdenum	94-1	5.00	5.07	5.36	5.15	3.74	ppb
Molybdenum	95-1	5.84	5.87	6.32	6.01	4.47	ppb
Molybdenum	96-1	5.73	5.74	6.17	5.88	4.25	ppb
Molybdenum	97-1	5.93	6.01	6.37	6.11	3.89	ppb
Molybdenum	98-1	5.82	5.91	6.16	5.97	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.71	1.67	1.65	4.38	ppb
Phosphorus	31-2	25.90	35.61	38.60	33.37	19.91	ppb
Potassium	39-2	4520.11	4607.87	4660.29	4596.09	1.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.04	0.21	0.47	0.24	89.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.56	-0.15	0.64	0.35	124.74	ppb
Silicon	28-1	7682.03	7794.86	7964.07	7813.65	1.82	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.29	ppb
Silver	109-1	0.01	0.23	0.01	0.08	148.03	ppb
Sodium	23-2	13767.41	14134.97	14392.53	14098.30	2.23	ppb
Strontium	86-1	428357.51	430688.76	451452.78	436833.02	2.91	ppb
Strontium	88-1	433447.78	429254.83	453943.76	438882.12	3.01	ppb
Sulfur	34-1	142182.96	143801.93	154005.00	146663.30	4.37	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.04	0.04	0.04	12.40	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	12.34	ppb
Tin	118-1	0.21	0.21	0.26	0.23	13.90	ppb
Titanium	47-1	0.87	1.11	0.93	0.97	13.17	ppb
Uranium	238-1	1.57	1.63	1.71	1.63	4.44	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01	Instrumnet Name :	P8
Client Sample ID :	ME2975	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:46:37	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.81	0.82	0.85	0.83	2.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1.67	1.99	1.89	1.85	8.88	ppb
Zirconium	90-1	0.12	0.11	0.12	0.12	2.50	ppb
Zirconium	91-1	0.10	0.11	0.12	0.11	5.17	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-02	Instrumnet Name :	P8
Client Sample ID :	ME2975D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:49:54	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.29	8.95	8.02	8.42	5.66	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	5.87	ppb
Arsenic	75-2	2.65	2.81	2.29	2.58	10.29	ppb
Barium	135-1	109.53	112.10	115.02	112.22	2.45	ppb
Barium	137-1	110.10	114.05	117.82	113.99	3.39	ppb
Beryllium	9-1	0.02	0.03	0.03	0.02	27.83	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	0.14	0.07	0.14	0.12	37.19	ppb
Cadmium	106-1	-0.48	-0.41	-0.12	-0.34		ppb
Cadmium	111-1	-0.03	-0.02	0.00	-0.02		ppb
Calcium	43-1	181044.84	183390.13	189309.94	184581.64	2.31	ppb
Calcium	44-1	175715.89	178578.13	184235.99	179510.00	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.49	0.50	0.48	3.98	ppb
Cobalt	59-2	0.27	0.25	0.26	0.26	3.34	ppb
Copper	63-2	0.24	0.25	0.26	0.25	4.18	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				97		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	717.34	723.36	703.90	714.87	1.39	ppb
Iron	56-2	739.61	748.34	727.16	738.37	1.44	ppb
Iron	57-2	699.93	724.03	689.68	704.55	2.50	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.20	0.21	0.20	8.34	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-02	Instrumnet Name :	P8
Client Sample ID :	ME2975D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:49:54	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.22	0.20	0.20	4.88	ppb
Lead	208-1	0.19	0.20	0.21	0.20	4.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	45953.75	46627.37	45852.10	46144.41	0.91	ppb
Manganese	55-2	51.26	51.65	50.45	51.12	1.20	ppb
Molybdenum	94-1	5.06	5.12	5.38	5.19	3.31	ppb
Molybdenum	95-1	5.92	5.94	6.20	6.02	2.61	ppb
Molybdenum	96-1	5.81	5.86	6.16	5.94	3.23	ppb
Molybdenum	97-1	6.05	5.92	6.35	6.11	3.62	ppb
Molybdenum	98-1	5.89	5.85	6.29	6.01	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.50	1.60	1.47	1.52	4.54	ppb
Phosphorus	31-2	29.01	33.58	27.70	30.10	10.26	ppb
Potassium	39-2	4439.31	4515.76	4448.63	4467.90	0.93	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.19	0.27	0.27	0.24	18.60	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.37	0.34	-0.14		ppb
Silicon	28-1	7676.05	7826.98	8123.88	7875.64	2.89	ppb
Silver	107-1	0.01	0.02	0.01	0.01	24.41	ppb
Silver	109-1	0.01	0.00	0.01	0.01	30.37	ppb
Sodium	23-2	13638.96	13811.30	13557.20	13669.15	0.95	ppb
Strontium	86-1	431390.54	437481.49	459940.47	442937.50	3.39	ppb
Strontium	88-1	436183.85	440128.03	455916.53	444076.14	2.35	ppb
Sulfur	34-1	144353.12	148534.21	153646.86	148844.73	3.13	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.03	0.04	0.03	13.41	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.99	ppb
Tin	118-1	0.00	0.01	0.01	0.01	65.65	ppb
Titanium	47-1	0.93	0.89	1.15	0.99	13.99	ppb
Uranium	238-1	1.62	1.64	1.72	1.66	3.24	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-02	Instrumnet Name :	P8
Client Sample ID :	ME2975D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:49:54	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.84	0.81	0.85	0.83	2.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.54	0.50	0.47	0.50	6.76	ppb
Zirconium	90-1	0.11	0.11	0.11	0.11	2.80	ppb
Zirconium	91-1	0.12	0.11	0.12	0.11	4.49	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME2975L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 15:53:09	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.08	2.53	2.76	2.79	9.94	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.17	ppb
Arsenic	75-2	0.43	0.41	0.40	0.41	4.23	ppb
Barium	135-1	22.42	21.43	21.78	21.88	2.30	ppb
Barium	137-1	22.17	21.85	22.08	22.03	0.75	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	24.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.05	0.00	0.04	94.00	ppb
Cadmium	106-1	0.59	-0.07	0.18	0.23	142.35	ppb
Cadmium	111-1	0.05	0.00	0.03	0.03	103.45	ppb
Calcium	43-1	37461.85	35384.21	37925.05	36923.70	3.66	ppb
Calcium	44-1	35412.37	35282.16	35977.31	35557.28	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.13	0.15	0.13	11.27	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	13.20	ppb
Copper	63-2	0.04	0.05	0.07	0.06	33.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	140.76	142.16	144.19	142.37	1.21	ppb
Iron	56-2	145.23	142.07	143.82	143.70	1.10	ppb
Iron	57-2	146.75	134.30	139.71	140.25	4.45	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.07	0.07	12.20	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME2975L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 15:53:09	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.06	0.05	0.06	22.21	ppb
Lead	208-1	0.07	0.07	0.06	0.07	8.97	ppb
Lithium	6-1				96		%
Magnesium	24-2	9423.77	9233.67	9350.95	9336.13	1.03	ppb
Manganese	55-2	21.20	20.77	21.23	21.07	1.21	ppb
Molybdenum	94-1	1.04	1.02	1.06	1.04	1.96	ppb
Molybdenum	95-1	1.22	1.19	1.20	1.20	1.03	ppb
Molybdenum	96-1	1.14	1.16	1.15	1.15	1.14	ppb
Molybdenum	97-1	1.20	1.21	1.26	1.22	2.49	ppb
Molybdenum	98-1	1.19	1.19	1.24	1.20	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.24	0.29	0.28	11.93	ppb
Phosphorus	31-2	-11.62	-13.40	-15.03	-13.35		ppb
Potassium	39-2	951.76	923.39	940.42	938.52	1.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.03	0.03	-0.10	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.07	-0.36	0.11	0.27	267.38	ppb
Silicon	28-1	1505.35	1544.11	1555.77	1535.08	1.72	ppb
Silver	107-1	0.00	0.00	0.00	0.00	22.47	ppb
Silver	109-1	0.00	0.00	0.00	0.00	29.12	ppb
Sodium	23-2	2843.96	2822.81	2838.01	2834.93	0.38	ppb
Strontium	86-1	86887.04	85737.26	87662.08	86762.13	1.12	ppb
Strontium	88-1	87329.81	85679.79	88724.68	87244.76	1.75	ppb
Sulfur	34-1	29277.18	30360.72	30551.00	30062.97	2.29	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	1.67	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.21	ppb
Tin	118-1	0.01	0.02	0.04	0.02	42.15	ppb
Titanium	47-1	0.22	0.22	0.28	0.24	14.20	ppb
Uranium	238-1	0.32	0.32	0.31	0.32	1.63	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME2975L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 15:53:09	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.18	0.18	0.15	0.17	8.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.87	0.83	0.77	0.82	6.06	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	30.50	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	46.52	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-03	Instrumnet Name :	P8
Client Sample ID :	ME2975S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:56:27	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1966.69	1970.31	1965.89	1967.63	0.12	ppb
Antimony	121-1	106.11	110.56	109.42	108.70	2.12	ppb
Arsenic	75-2	46.09	45.19	46.61	45.96	1.57	ppb
Barium	135-1	2103.69	2206.47	2194.83	2168.33	2.60	ppb
Barium	137-1	2121.11	2197.88	2230.50	2183.16	2.57	ppb
Beryllium	9-1	51.12	50.59	52.08	51.26	1.47	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	42.66	43.02	43.93	43.20	1.52	ppb
Cadmium	106-1	39.94	41.72	40.64	40.77	2.20	ppb
Cadmium	111-1	49.76	51.72	52.19	51.22	2.52	ppb
Calcium	43-1	184476.19	183223.59	182971.52	183557.10	0.44	ppb
Calcium	44-1	181249.28	177590.93	178199.60	179013.27	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	202.50	205.21	202.89	203.53	0.72	ppb
Cobalt	59-2	527.81	540.86	525.59	531.42	1.55	ppb
Copper	63-2	260.39	260.56	257.45	259.47	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				102		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	1926.83	1955.63	1913.07	1931.84	1.12	ppb
Iron	56-2	1829.82	1808.43	1786.23	1808.16	1.21	ppb
Iron	57-2	1751.33	1751.22	1718.36	1740.30	1.09	ppb
Krypton	83-1						cps
Lead	206-1	20.95	21.36	21.05	21.12	1.02	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-03	Instrumnet Name :	P8
Client Sample ID :	ME2975S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:56:27	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	21.05	21.28	21.12	21.15	0.54	ppb
Lead	208-1	20.93	21.32	21.16	21.13	0.93	ppb
Lithium	6-1				95		%
Magnesium	24-2	46505.44	45198.71	45267.42	45657.19	1.61	ppb
Manganese	55-2	561.07	566.38	555.08	560.84	1.01	ppb
Molybdenum	94-1	5.09	5.05	5.14	5.09	0.86	ppb
Molybdenum	95-1	5.88	5.85	6.11	5.95	2.42	ppb
Molybdenum	96-1	5.83	5.79	6.00	5.87	1.92	ppb
Molybdenum	97-1	5.98	6.10	6.24	6.11	2.13	ppb
Molybdenum	98-1	5.95	5.87	5.97	5.93	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.07	498.39	497.98	498.15	0.04	ppb
Phosphorus	31-2	25.68	38.44	37.07	33.73	20.77	ppb
Potassium	39-2	4445.42	4497.24	4446.82	4463.16	0.66	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	20.89	21.79	21.78	21.49	2.39	ppb
Selenium	77-2	29.32	19.86	20.19	23.12	23.23	ppb
Selenium	78-2	23.74	21.06	20.21	21.67	8.51	ppb
Silicon	28-1	7757.87	7716.53	7847.34	7773.91	0.86	ppb
Silver	107-1	46.49	48.09	48.19	47.59	2.00	ppb
Silver	109-1	46.98	48.14	49.10	48.07	2.20	ppb
Sodium	23-2	13728.17	13456.16	13377.89	13520.74	1.36	ppb
Strontium	86-1	430332.58	432461.61	446258.58	436350.92	1.98	ppb
Strontium	88-1	435445.43	428309.36	444978.24	436244.34	1.92	ppb
Sulfur	34-1	143378.51	143658.72	144103.77	143713.67	0.25	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	51.08	51.79	51.82	51.56	0.81	ppb
Thallium	205-1	53.14	55.12	54.38	54.22	1.84	ppb
Tin	118-1	0.12	0.15	0.13	0.13	8.34	ppb
Titanium	47-1	0.99	0.93	1.26	1.06	16.59	ppb
Uranium	238-1	1.62	1.68	1.67	1.66	1.88	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-03	Instrumnet Name :	P8
Client Sample ID :	ME2975S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:56:27	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	531.16	528.22	518.83	526.07	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	507.48	511.11	504.10	507.56	0.69	ppb
Zirconium	90-1	0.12	0.10	0.12	0.11	8.22	ppb
Zirconium	91-1	0.15	0.14	0.13	0.14	7.13	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-04	Instrumnet Name :	P8
Client Sample ID :	ME2978	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:59:37	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.67	12.67	15.11	13.48	10.43	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	10.07	ppb
Arsenic	75-2	0.08	0.07	0.22	0.12	66.72	ppb
Barium	135-1	26.14	26.31	26.37	26.27	0.46	ppb
Barium	137-1	26.21	27.04	26.40	26.55	1.63	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	22.34	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.11	0.09	0.09	13.92	ppb
Cadmium	106-1	-0.72	-0.51	-0.29	-0.51		ppb
Cadmium	111-1	-0.05	-0.03	-0.02	-0.04		ppb
Calcium	43-1	306949.44	301665.80	306337.83	304984.36	0.95	ppb
Calcium	44-1	302494.33	298676.80	297737.12	299636.08	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.10	0.18	0.15	32.30	ppb
Cobalt	59-2	0.05	0.05	0.04	0.04	13.96	ppb
Copper	63-2	0.43	0.34	0.43	0.40	13.55	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				99		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	257.23	221.47	252.86	243.85	8.00	ppb
Iron	56-2	257.12	225.99	254.98	246.03	7.07	ppb
Iron	57-2	266.35	222.77	256.93	248.68	9.22	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.12	0.13	0.14	15.99	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-04	Instrumnet Name :	P8
Client Sample ID :	ME2978	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:59:37	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.13	0.11	0.12	13.44	ppb
Lead	208-1	0.15	0.13	0.12	0.13	10.90	ppb
Lithium	6-1				94		%
Magnesium	24-2	82656.19	71716.97	80391.24	78254.80	7.38	ppb
Manganese	55-2	50.55	44.01	50.55	48.37	7.80	ppb
Molybdenum	94-1	0.42	0.38	0.43	0.41	6.88	ppb
Molybdenum	95-1	0.22	0.20	0.23	0.22	7.53	ppb
Molybdenum	96-1	0.22	0.22	0.23	0.22	2.86	ppb
Molybdenum	97-1	0.20	0.22	0.22	0.21	5.54	ppb
Molybdenum	98-1	0.19	0.20	0.21	0.20	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.09	0.18	0.14	33.75	ppb
Phosphorus	31-2	-4.62	-6.77	-4.35	-5.25		ppb
Potassium	39-2	3211.38	2792.37	3153.92	3052.56	7.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.29	0.34	0.27	0.30	12.46	ppb
Selenium	77-2	0.00	0.75	0.00	0.25	173.21	ppb
Selenium	78-2	-0.10	-0.63	0.14	-0.20		ppb
Silicon	28-1	5437.52	5442.24	5444.21	5441.32	0.06	ppb
Silver	107-1	0.03	0.02	0.02	0.03	15.16	ppb
Silver	109-1	0.03	0.02	0.02	0.03	23.72	ppb
Sodium	23-2	41131.15	35648.28	40567.14	39115.52	7.71	ppb
Strontium	86-1	369287.05	364505.25	372547.90	368780.06	1.10	ppb
Strontium	88-1	367763.40	369992.27	374776.61	370844.09	0.97	ppb
Sulfur	34-1	269562.07	271401.49	271650.02	270871.19	0.42	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.02	0.02	0.02	14.53	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	7.87	ppb
Tin	118-1	0.09	0.10	0.10	0.10	5.00	ppb
Titanium	47-1	0.80	0.74	0.78	0.77	3.74	ppb
Uranium	238-1	0.25	0.24	0.25	0.24	2.83	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-04	Instrumnet Name :	P8
Client Sample ID :	ME2978	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:59:37	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.12	0.16	0.15	12.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.18	0.11	0.11	0.13	28.64	ppb
Zirconium	90-1	0.14	0.14	0.13	0.14	4.41	ppb
Zirconium	91-1	0.15	0.13	0.12	0.13	11.89	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-05	Instrumnet Name :	P8
Client Sample ID :	ME2979	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:03:11	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.59	19.02	16.83	16.82	13.18	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.54	ppb
Arsenic	75-2	0.09	0.07	0.12	0.10	22.86	ppb
Barium	135-1	25.26	25.73	25.33	25.44	0.99	ppb
Barium	137-1	25.39	26.24	25.69	25.77	1.67	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	8.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.07	0.09	0.09	16.04	ppb
Cadmium	106-1	-0.48	-0.59	-0.10	-0.39		ppb
Cadmium	111-1	-0.03	-0.04	-0.01	-0.02		ppb
Calcium	43-1	301417.07	313715.66	297506.07	304212.94	2.78	ppb
Calcium	44-1	299494.66	308838.85	294523.35	300952.29	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.07	0.09	0.06	54.42	ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	5.08	ppb
Copper	63-2	0.00	0.05	0.06	0.04	87.67	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				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	248.01	266.91	276.86	263.93	5.55	ppb
Iron	56-2	250.37	266.21	277.26	264.61	5.11	ppb
Iron	57-2	254.60	265.72	277.65	265.99	4.33	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.11	0.11	10.10	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-05	Instrumnet Name :	P8
Client Sample ID :	ME2979	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:03:11	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.10	0.09	0.10	11.38	ppb
Lead	208-1	0.11	0.10	0.10	0.10	7.91	ppb
Lithium	6-1				95		%
Magnesium	24-2	71637.35	76304.27	79810.73	75917.45	5.40	ppb
Manganese	55-2	49.43	51.93	54.89	52.08	5.25	ppb
Molybdenum	94-1	0.36	0.40	0.37	0.37	5.84	ppb
Molybdenum	95-1	0.15	0.15	0.14	0.15	3.55	ppb
Molybdenum	96-1	0.14	0.15	0.14	0.14	4.76	ppb
Molybdenum	97-1	0.13	0.12	0.13	0.13	5.46	ppb
Molybdenum	98-1	0.13	0.12	0.13	0.13	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.40	0.35	0.36	10.86	ppb
Phosphorus	31-2	-12.85	-6.46	-8.87	-9.39		ppb
Potassium	39-2	2748.07	2945.91	3048.04	2914.01	5.23	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.39	0.47	0.34	0.40	16.53	ppb
Selenium	77-2	0.00	0.00	1.63	0.54	173.21	ppb
Selenium	78-2	-0.42	-0.16	0.33	-0.08		ppb
Silicon	28-1	5362.18	5545.74	5353.39	5420.44	2.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.37	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.66	ppb
Sodium	23-2	33576.79	35655.39	37483.77	35571.98	5.50	ppb
Strontium	86-1	351467.88	359498.11	348244.69	353070.23	1.64	ppb
Strontium	88-1	355811.22	357697.90	355861.09	356456.74	0.30	ppb
Sulfur	34-1	269112.18	279946.85	271278.63	273445.89	2.10	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.01	0.02	18.39	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.51	ppb
Tin	118-1	0.37	0.36	0.35	0.36	3.31	ppb
Titanium	47-1	0.86	0.90	0.90	0.89	2.79	ppb
Uranium	238-1	0.20	0.21	0.20	0.20	1.12	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-05	Instrumnet Name :	P8
Client Sample ID :	ME2979	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:03:11	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.14	0.15	0.15	9.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	0.79	0.92	0.90	0.87	7.98	ppb
Zirconium	90-1	0.14	0.14	0.14	0.14	0.70	ppb
Zirconium	91-1	0.14	0.13	0.14	0.14	5.10	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-06	Instrumnet Name :	P8
Client Sample ID :	ME2989	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:06:26	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.15	134.38	130.44	131.32	2.08	ppb
Antimony	121-1	0.35	0.35	0.33	0.34	3.03	ppb
Arsenic	75-2	6.77	7.23	7.29	7.10	4.03	ppb
Barium	135-1	589.77	616.03	611.02	605.61	2.30	ppb
Barium	137-1	588.49	606.78	598.31	597.86	1.53	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	22.89	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.16	0.22	0.15	0.18	21.32	ppb
Cadmium	106-1	-0.12	0.18	-0.13	-0.02		ppb
Cadmium	111-1	0.05	0.07	0.06	0.06	16.21	ppb
Calcium	43-1	326911.54	328135.02	325807.88	326951.48	0.36	ppb
Calcium	44-1	326800.14	329649.30	321474.92	325974.79	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	0.85	0.82	0.85	3.40	ppb
Cobalt	59-2	4.96	4.93	4.95	4.95	0.27	ppb
Copper	63-2	1.59	1.54	1.53	1.55	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	736.14	705.02	712.76	717.97	2.26	ppb
Iron	56-2	785.90	753.70	747.48	762.36	2.70	ppb
Iron	57-2	743.60	702.10	726.39	724.03	2.88	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.74	0.73	0.72	3.75	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-06	Instrumnet Name :	P8
Client Sample ID :	ME2989	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:06:26	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.67	0.67	0.67	0.67	0.55	ppb
Lead	208-1	0.69	0.70	0.69	0.69	1.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	109102.35	106424.92	107285.57	107604.28	1.27	ppb
Manganese	55-2	1912.31	1823.46	1833.30	1856.36	2.62	ppb
Molybdenum	94-1	1.75	1.77	1.68	1.73	2.75	ppb
Molybdenum	95-1	0.78	0.77	0.79	0.78	1.10	ppb
Molybdenum	96-1	0.84	0.86	0.86	0.85	1.22	ppb
Molybdenum	97-1	0.78	0.78	0.77	0.78	0.53	ppb
Molybdenum	98-1	0.77	0.79	0.78	0.78	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.84	1.85	1.87	3.08	ppb
Phosphorus	31-2	901.53	876.46	845.02	874.34	3.24	ppb
Potassium	39-2	9882.57	9354.29	9378.48	9538.45	3.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	1.24	0.58	0.81	0.87	38.50	ppb
Selenium	77-2	0.81	0.80	0.81	0.81	0.68	ppb
Selenium	78-2	1.25	1.01	0.57	0.94	37.05	ppb
Silicon	28-1	22719.75	23832.53	22905.67	23152.65	2.57	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.63	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.16	ppb
Sodium	23-2	30208.14	28923.14	29299.92	29477.06	2.24	ppb
Strontium	86-1	440603.60	434930.31	438322.79	437952.23	0.65	ppb
Strontium	88-1	440780.86	438535.33	437678.08	438998.09	0.36	ppb
Sulfur	34-1	16094.61	16386.56	15746.73	16075.96	1.99	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.02	0.02	9.41	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	10.43	ppb
Tin	118-1	0.65	0.68	0.68	0.67	2.74	ppb
Titanium	47-1	6.08	5.28	6.11	5.82	8.13	ppb
Uranium	238-1	0.41	0.42	0.42	0.41	0.75	ppb

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-06	Instrumnet Name :	P8
Client Sample ID :	ME2989	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:06:26	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.95	2.86	2.81	2.87	2.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9.44	9.37	10.11	9.64	4.24	ppb
Zirconium	90-1	0.57	0.61	0.61	0.60	3.48	ppb
Zirconium	91-1	0.58	0.59	0.61	0.59	2.15	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-07	Instrumnet Name :	P8
Client Sample ID :	ME2991	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:09:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.48	26.34	23.42	26.08	9.74	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.68	ppb
Arsenic	75-2	0.05	0.03	0.11	0.06	68.89	ppb
Barium	135-1	17.57	17.36	17.61	17.51	0.75	ppb
Barium	137-1	17.88	17.20	17.69	17.59	1.98	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	33.23	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.06	0.05	0.05	40.09	ppb
Cadmium	106-1	0.51	0.31	0.53	0.45	27.57	ppb
Cadmium	111-1	0.04	0.02	0.05	0.04	34.00	ppb
Calcium	43-1	462010.30	458443.34	465079.35	461844.33	0.72	ppb
Calcium	44-1	459035.60	457166.67	460175.66	458792.64	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.13	0.18	0.17	18.85	ppb
Cobalt	59-2	0.05	0.05	0.04	0.05	12.87	ppb
Copper	63-2	0.13	0.15	0.16	0.14	9.82	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				102		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	41.24	41.67	44.73	42.55	4.47	ppb
Iron	56-2	41.24	41.42	41.92	41.53	0.84	ppb
Iron	57-2	48.59	52.26	50.96	50.61	3.68	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.10	0.09	8.29	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-07	Instrumnet Name :	P8
Client Sample ID :	ME2991	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:09:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.08	0.09	0.08	7.28	ppb
Lead	208-1	0.08	0.08	0.08	0.08	4.63	ppb
Lithium	6-1				96		%
Magnesium	24-2	119050.94	117802.85	118868.67	118574.15	0.57	ppb
Manganese	55-2	10.79	10.34	10.82	10.65	2.54	ppb
Molybdenum	94-1	0.21	0.21	0.22	0.21	2.59	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	1.24	ppb
Molybdenum	96-1	0.10	0.08	0.11	0.10	13.78	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	8.63	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.32	0.32	0.30	11.48	ppb
Phosphorus	31-2	-22.41	-21.76	-17.09	-20.42		ppb
Potassium	39-2	3130.61	3143.27	3160.51	3144.80	0.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	0.17	0.57	0.03	0.26	110.77	ppb
Selenium	77-2	0.00	0.00	0.83	0.28	173.21	ppb
Selenium	78-2	-0.61	-0.84	1.07	-0.13		ppb
Silicon	28-1	4920.39	4960.37	4972.13	4950.96	0.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.10	ppb
Silver	109-1	0.00	0.00	0.01	0.01	55.53	ppb
Sodium	23-2	36700.19	35917.47	36477.41	36365.02	1.11	ppb
Strontium	86-1	312829.94	308947.41	308165.00	309980.78	0.81	ppb
Strontium	88-1	311641.08	308396.51	308688.93	309575.51	0.58	ppb
Sulfur	34-1	486964.75	490524.23	491310.30	489599.76	0.47	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.86	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.22	ppb
Tin	118-1	-0.01	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.97	0.98	1.00	0.99	1.57	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.02	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-07	Instrumnet Name :	P8
Client Sample ID :	ME2991	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:09:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.11	0.12	0.12	0.12	2.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	0.35	0.43	0.28	0.36	21.54	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	5.78	ppb
Zirconium	91-1	0.07	0.08	0.08	0.08	8.78	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:12:54	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84360.23	84295.32	83483.46	84046.34	0.58	ppb
Antimony	121-1	1.58	1.55	1.63	1.59	2.43	ppb
Arsenic	75-2	54.58	54.74	54.63	54.65	0.15	ppb
Barium	135-1	1709.90	1763.09	1750.23	1741.07	1.59	ppb
Barium	137-1	1692.39	1736.13	1742.26	1723.59	1.58	ppb
Beryllium	9-1	5.70	5.66	5.68	5.68	0.38	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	7.48	8.12	8.30	7.97	5.45	ppb
Cadmium	106-1	15.04	15.62	14.79	15.15	2.83	ppb
Cadmium	111-1	4.37	4.48	4.32	4.39	1.87	ppb
Calcium	43-1	681860.75	701097.55	704155.47	695704.59	1.74	ppb
Calcium	44-1	679803.41	697704.11	697543.09	691683.54	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	204.27	203.48	201.42	203.06	0.73	ppb
Cobalt	59-2	90.13	90.31	90.33	90.26	0.12	ppb
Copper	63-2	428.80	428.56	423.59	426.98	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	54-2	196584.26	197682.02	194033.58	196099.95	0.95	ppb
Iron	56-2	196063.64	196167.14	195002.01	195744.27	0.33	ppb
Iron	57-2	194570.05	192284.39	194088.48	193647.64	0.62	ppb
Krypton	83-1						cps
Lead	206-1	298.87	300.02	295.80	298.23	0.73	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:12:54	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	280.73	290.40	278.56	283.23	2.23	ppb
Lead	208-1	286.05	292.30	287.69	288.68	1.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	252783.96	251456.45	250300.31	251513.57	0.49	ppb
Manganese	55-2	7098.28	7103.97	7037.34	7079.86	0.52	ppb
Molybdenum	94-1	74.42	75.88	74.73	75.01	1.03	ppb
Molybdenum	95-1	32.00	32.80	32.34	32.38	1.24	ppb
Molybdenum	96-1	36.37	37.19	36.82	36.79	1.11	ppb
Molybdenum	97-1	32.73	33.24	32.57	32.85	1.06	ppb
Molybdenum	98-1	32.30	33.08	32.23	32.54	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	226.86	229.36	226.30	227.51	0.71	ppb
Phosphorus	31-2	4808.48	4721.87	4658.74	4729.70	1.59	ppb
Potassium	39-2	19025.02	18855.11	18911.87	18930.67	0.46	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	82-1	4.83	5.27	4.92	5.01	4.61	ppb
Selenium	77-2	157.73	165.91	171.57	165.07	4.21	ppb
Selenium	78-2	32.23	26.94	26.94	28.70	10.63	ppb
Silicon	28-1	56678.83	58284.22	57572.26	57511.77	1.40	ppb
Silver	107-1	0.66	0.69	0.68	0.67	2.38	ppb
Silver	109-1	0.65	0.67	0.69	0.67	2.40	ppb
Sodium	23-2	67178.19	67701.34	66688.20	67189.24	0.75	ppb
Strontium	86-1	110386.15	113178.53	111750.08	111771.59	1.25	ppb
Strontium	88-1	110224.02	113148.54	111154.94	111509.17	1.34	ppb
Sulfur	34-1	99222.62	101090.69	100896.62	100403.31	1.02	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	2.25	2.32	2.24	2.27	1.95	ppb
Thallium	205-1	2.26	2.31	2.25	2.27	1.56	ppb
Tin	118-1	17.16	17.33	17.61	17.37	1.28	ppb
Titanium	47-1	876.09	911.14	914.21	900.48	2.35	ppb
Uranium	238-1	25.62	25.88	25.27	25.59	1.20	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:12:54	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	199.93	197.20	197.36	198.16	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				125		%
Zinc	66-2	1041.02	1040.33	1030.15	1037.16	0.59	ppb
Zirconium	90-1	26.45	27.14	26.74	26.77	1.29	ppb
Zirconium	91-1	26.21	26.77	26.29	26.42	1.15	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-09	Instrumnet Name :	P8
Client Sample ID :	ME29A4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:16:01	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.33	8.81	9.53	8.89	6.79	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	5.03	ppb
Arsenic	75-2	0.07	0.01	-0.01	0.02	193.50	ppb
Barium	135-1	64.77	65.34	63.86	64.66	1.15	ppb
Barium	137-1	65.18	66.54	63.70	65.14	2.18	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	41.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.12	0.11	0.11	9.60	ppb
Cadmium	106-1	0.19	0.52	-0.67	0.01	5165.12	ppb
Cadmium	111-1	0.02	0.05	-0.04	0.01	387.05	ppb
Calcium	43-1	186767.30	190616.87	183208.75	186864.31	1.98	ppb
Calcium	44-1	175692.16	177056.81	170789.86	174512.94	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.11	0.09	0.11	22.93	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	12.98	ppb
Copper	63-2	0.02	0.03	0.02	0.02	31.69	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				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	130.71	132.42	131.67	131.60	0.65	ppb
Iron	56-2	131.33	130.29	131.83	131.15	0.60	ppb
Iron	57-2	134.14	126.48	135.36	131.99	3.64	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.07	0.08	12.11	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-09	Instrumnet Name :	P8
Client Sample ID :	ME29A4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:16:01	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.09	0.06	0.07	18.46	ppb
Lead	208-1	0.08	0.08	0.07	0.08	13.44	ppb
Lithium	6-1				105		%
Magnesium	24-2	55321.39	55024.86	55587.02	55311.09	0.51	ppb
Manganese	55-2	9.11	9.14	9.61	9.29	3.01	ppb
Molybdenum	94-1	0.48	0.49	0.41	0.46	9.38	ppb
Molybdenum	95-1	0.33	0.33	0.33	0.33	0.60	ppb
Molybdenum	96-1	0.34	0.33	0.33	0.33	1.83	ppb
Molybdenum	97-1	0.33	0.35	0.32	0.33	5.39	ppb
Molybdenum	98-1	0.33	0.33	0.32	0.32	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	0.00	-0.01		ppb
Phosphorus	31-2	-6.50	0.77	-3.99	-3.24		ppb
Potassium	39-2	2938.53	2932.09	2948.20	2939.61	0.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	0.48	0.30	0.35	0.37	24.64	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.84	0.03	-0.26		ppb
Silicon	28-1	8119.55	8256.81	8210.01	8195.46	0.85	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.12	ppb
Silver	109-1	0.01	0.00	0.00	0.00	16.97	ppb
Sodium	23-2	44282.49	43804.37	44591.87	44226.24	0.90	ppb
Strontium	86-1	1176113.91	1193624.99	1164933.11	1178224.00	1.23	ppb
Strontium	88-1	1195947.26	1211090.92	1185798.53	1197612.23	1.06	ppb
Sulfur	34-1	51285.65	53032.20	51031.15	51783.00	2.10	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	29.77	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.59	ppb
Tin	118-1	0.06	0.06	0.06	0.06	4.16	ppb
Titanium	47-1	0.88	0.92	0.89	0.89	2.15	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	0.47	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-09	Instrumnet Name :	P8
Client Sample ID :	ME29A4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:16:01	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.07	0.06	0.07	0.07	10.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	0.87	0.81	0.98	0.88	9.51	ppb
Zirconium	90-1	0.10	0.11	0.10	0.11	3.36	ppb
Zirconium	91-1	0.11	0.11	0.10	0.11	5.19	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-10	Instrumnet Name :	P8
Client Sample ID :	ME29A5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:19:16	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.22	8.10	8.52	7.94	8.33	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	31.09	ppb
Arsenic	75-2	0.03	-0.02	0.06	0.02	197.11	ppb
Barium	135-1	14.40	14.38	14.19	14.32	0.82	ppb
Barium	137-1	14.53	14.50	14.37	14.47	0.62	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	12.53	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.09	0.10	0.09	8.95	ppb
Cadmium	106-1	-0.70	0.38	-0.50	-0.27		ppb
Cadmium	111-1	-0.05	0.03	-0.04	-0.02		ppb
Calcium	43-1	446028.39	453614.35	454345.74	451329.49	1.02	ppb
Calcium	44-1	444514.54	451183.74	447924.50	447874.26	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.06	0.08	0.06	20.28	ppb
Cobalt	59-2	0.05	0.03	0.04	0.04	18.88	ppb
Copper	63-2	-0.03	0.00	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	54-2	33.72	32.91	34.06	33.56	1.75	ppb
Iron	56-2	33.33	33.62	34.29	33.75	1.45	ppb
Iron	57-2	41.22	44.15	42.56	42.64	3.44	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.07	0.07	13.90	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-10	Instrumnet Name :	P8
Client Sample ID :	ME29A5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:19:16	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.07	0.06	0.07	14.04	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	127994.08	126655.07	131273.42	128640.86	1.85	ppb
Manganese	55-2	20.72	21.04	21.65	21.14	2.22	ppb
Molybdenum	94-1	0.42	0.39	0.41	0.41	4.12	ppb
Molybdenum	95-1	0.36	0.37	0.35	0.36	3.21	ppb
Molybdenum	96-1	0.34	0.36	0.33	0.34	4.46	ppb
Molybdenum	97-1	0.37	0.32	0.37	0.35	7.47	ppb
Molybdenum	98-1	0.34	0.35	0.35	0.35	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.05	-0.02	-0.04		ppb
Phosphorus	31-2	-11.50	-14.02	-6.45	-10.66		ppb
Potassium	39-2	4499.60	4535.53	4526.18	4520.44	0.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.29	0.53	0.49	0.43	29.76	ppb
Selenium	77-2	0.00	0.79	0.00	0.26	173.21	ppb
Selenium	78-2	-0.61	-0.38	0.33	-0.22		ppb
Silicon	28-1	5200.57	5434.83	5380.22	5338.54	2.30	ppb
Silver	107-1	0.01	0.01	0.02	0.01	35.96	ppb
Silver	109-1	0.00	0.00	0.01	0.00	63.87	ppb
Sodium	23-2	29365.37	28686.96	29652.07	29234.80	1.70	ppb
Strontium	86-1	303935.32	297816.44	300398.64	300716.80	1.02	ppb
Strontium	88-1	306417.31	298973.38	303178.99	302856.56	1.23	ppb
Sulfur	34-1	500563.78	512152.87	509645.69	507454.11	1.20	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.01	14.41	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.52	ppb
Tin	118-1	0.25	0.25	0.26	0.25	1.21	ppb
Titanium	47-1	0.68	0.70	0.65	0.68	3.62	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	4.35	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-10	Instrumnet Name :	P8
Client Sample ID :	ME29A5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:19:16	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.12	0.12	0.14	0.12	8.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	0.41	0.45	0.58	0.48	18.49	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	4.32	ppb
Zirconium	91-1	0.07	0.08	0.06	0.07	12.10	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-11	Instrumnet Name :	P8
Client Sample ID :	ME29A7	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:22:33	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.96	4.32	4.08	4.79	21.43	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.68	ppb
Arsenic	75-2	0.12	0.06	0.08	0.08	37.54	ppb
Barium	135-1	38.10	38.14	39.05	38.43	1.41	ppb
Barium	137-1	38.37	38.38	39.11	38.62	1.10	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	18.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.03	0.10	0.07	49.03	ppb
Cadmium	106-1	-0.59	-0.28	-0.58	-0.48		ppb
Cadmium	111-1	-0.03	0.00	-0.04	-0.03		ppb
Calcium	43-1	277362.76	270197.32	280797.54	276119.21	1.96	ppb
Calcium	44-1	271284.23	267338.68	277272.83	271965.25	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.16	0.15	0.14	21.60	ppb
Cobalt	59-2	0.04	0.05	0.05	0.04	8.98	ppb
Copper	63-2	0.04	0.05	0.05	0.05	13.35	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				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	1996.32	1976.97	2001.55	1991.62	0.65	ppb
Iron	56-2	2115.86	2064.60	2078.63	2086.36	1.27	ppb
Iron	57-2	2018.27	1961.65	1988.33	1989.42	1.42	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.07	0.07	12.53	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-11	Instrumnet Name :	P8
Client Sample ID :	ME29A7	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:22:33	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.06	0.06	0.06	4.46	ppb
Lead	208-1	0.05	0.06	0.06	0.06	9.07	ppb
Lithium	6-1				97		%
Magnesium	24-2	92858.64	90673.21	92407.44	91979.76	1.25	ppb
Manganese	55-2	87.28	86.37	86.99	86.88	0.54	ppb
Molybdenum	94-1	2.28	2.29	2.32	2.30	1.00	ppb
Molybdenum	95-1	2.16	2.14	2.20	2.16	1.26	ppb
Molybdenum	96-1	2.14	2.15	2.17	2.15	0.77	ppb
Molybdenum	97-1	2.14	2.17	2.27	2.19	3.06	ppb
Molybdenum	98-1	2.14	2.17	2.19	2.17	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.08	0.11	0.10	16.61	ppb
Phosphorus	31-2	-14.51	-10.92	-3.42	-9.62		ppb
Potassium	39-2	5368.30	5359.40	5396.14	5374.61	0.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.14	0.53	0.50	0.39	55.96	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	-0.39	-0.15	-0.38		ppb
Silicon	28-1	9162.16	9040.81	9318.82	9173.93	1.52	ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.50	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.93	ppb
Sodium	23-2	167208.91	166221.20	165907.71	166445.94	0.41	ppb
Strontium	86-1	540107.70	559288.50	560072.58	553156.26	2.04	ppb
Strontium	88-1	551548.97	553915.91	563108.04	556190.97	1.10	ppb
Sulfur	34-1	220055.76	217179.76	224773.59	220669.70	1.74	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	22.76	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.77	ppb
Tin	118-1	0.18	0.16	0.18	0.17	6.67	ppb
Titanium	47-1	0.97	0.97	0.96	0.97	0.92	ppb
Uranium	238-1	0.43	0.43	0.44	0.43	2.09	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-11	Instrumnet Name :	P8
Client Sample ID :	ME29A7	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:22:33	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.13	0.15	0.14	0.14	5.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1.65	1.91	1.66	1.74	8.45	ppb
Zirconium	90-1	0.28	0.27	0.28	0.28	2.20	ppb
Zirconium	91-1	0.30	0.30	0.30	0.30	1.20	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-12	Instrumnet Name :	P8
Client Sample ID :	ME29A8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:25:49	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.08	4.58	4.10	4.59	10.61	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	2.15	ppb
Arsenic	75-2	0.17	0.15	0.12	0.15	15.95	ppb
Barium	135-1	154.29	157.00	155.51	155.60	0.87	ppb
Barium	137-1	155.71	158.25	156.85	156.94	0.81	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	87.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.14	0.12	0.13	8.03	ppb
Cadmium	106-1	0.93	0.41	-0.11	0.41	128.28	ppb
Cadmium	111-1	0.11	0.06	0.02	0.06	68.24	ppb
Calcium	43-1	155287.16	153077.82	153116.19	153827.06	0.82	ppb
Calcium	44-1	150525.96	150664.30	150438.17	150542.81	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.12	0.13	0.10	30.12	ppb
Cobalt	59-2	0.18	0.18	0.21	0.19	7.92	ppb
Copper	63-2	0.61	0.65	0.63	0.63	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	46.69	46.55	47.56	46.93	1.17	ppb
Iron	56-2	46.56	47.05	46.88	46.83	0.53	ppb
Iron	57-2	50.90	48.98	48.60	49.49	2.49	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.13	0.12	0.12	4.98	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-12	Instrumnet Name :	P8
Client Sample ID :	ME29A8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:25:49	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.09	0.12	0.10	10.61	ppb
Lead	208-1	0.11	0.11	0.11	0.11	3.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	27216.62	27568.64	27401.11	27395.46	0.64	ppb
Manganese	55-2	47.45	48.95	48.20	48.20	1.55	ppb
Molybdenum	94-1	2.03	1.96	1.95	1.98	2.02	ppb
Molybdenum	95-1	2.35	2.31	2.32	2.33	1.01	ppb
Molybdenum	96-1	2.26	2.25	2.28	2.26	0.80	ppb
Molybdenum	97-1	2.37	2.28	2.31	2.32	1.86	ppb
Molybdenum	98-1	2.31	2.29	2.29	2.30	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.76	1.67	1.71	2.88	ppb
Phosphorus	31-2	-17.34	-17.77	-15.98	-17.03		ppb
Potassium	39-2	766.30	778.73	764.48	769.84	1.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.20	-0.12	0.41	0.16	160.86	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.62	0.50	0.75	0.21	345.60	ppb
Silicon	28-1	4202.64	4107.60	4141.21	4150.49	1.16	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.82	ppb
Silver	109-1	0.00	0.00	0.00	0.00	59.72	ppb
Sodium	23-2	22360.73	22695.72	22442.28	22499.57	0.78	ppb
Strontium	86-1	459574.41	443246.06	448353.70	450391.39	1.85	ppb
Strontium	88-1	455484.93	443624.38	446728.41	448612.58	1.37	ppb
Sulfur	34-1	48543.09	47629.37	47234.76	47802.41	1.40	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.03	0.03	3.35	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.91	ppb
Tin	118-1	0.49	0.47	0.46	0.47	2.68	ppb
Titanium	47-1	0.47	0.41	0.48	0.45	8.90	ppb
Uranium	238-1	2.43	2.42	2.47	2.44	1.08	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-12	Instrumnet Name :	P8
Client Sample ID :	ME29A8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:25:49	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.12	0.11	0.11	0.11	7.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	8.20	8.26	8.51	8.32	1.99	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	6.47	ppb
Zirconium	91-1	0.06	0.06	0.07	0.06	6.31	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-13	Instrumnet Name :	P8
Client Sample ID :	ME29B0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:29:04	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	993.60	1002.13	1012.46	1002.73	0.94	ppb
Antimony	121-1	0.25	0.26	0.24	0.25	3.78	ppb
Arsenic	75-2	6.08	7.07	6.39	6.51	7.72	ppb
Barium	135-1	30.67	31.46	30.48	30.87	1.69	ppb
Barium	137-1	31.65	31.12	31.32	31.36	0.86	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	25.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	2.41	2.22	2.15	2.26	6.12	ppb
Cadmium	106-1	0.04	0.36	1.03	0.48	106.25	ppb
Cadmium	111-1	0.06	0.12	0.17	0.12	46.71	ppb
Calcium	43-1	86943.84	88470.67	88847.78	88087.43	1.14	ppb
Calcium	44-1	86300.69	88496.20	88729.64	87842.18	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.47	2.44	2.53	2.48	1.88	ppb
Cobalt	59-2	0.60	0.58	0.59	0.59	1.79	ppb
Copper	63-2	1.23	1.26	1.28	1.25	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	882.93	886.15	892.03	887.04	0.52	ppb
Iron	56-2	940.58	915.28	923.13	926.33	1.40	ppb
Iron	57-2	888.93	880.99	867.52	879.15	1.23	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.96	0.99	0.95	4.10	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-13	Instrumnet Name :	P8
Client Sample ID :	ME29B0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:29:04	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.89	0.89	0.92	0.90	1.44	ppb
Lead	208-1	0.90	0.92	0.93	0.92	1.87	ppb
Lithium	6-1				102		%
Magnesium	24-2	793.06	790.35	790.97	791.46	0.18	ppb
Manganese	55-2	17.93	17.32	17.53	17.60	1.74	ppb
Molybdenum	94-1	159.70	163.71	158.09	160.50	1.80	ppb
Molybdenum	95-1	202.91	211.50	204.74	206.38	2.19	ppb
Molybdenum	96-1	200.67	209.89	200.11	203.55	2.70	ppb
Molybdenum	97-1	196.66	200.84	196.39	197.97	1.26	ppb
Molybdenum	98-1	203.96	205.72	207.18	205.62	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.24	53.96	54.64	53.95	1.30	ppb
Phosphorus	31-2	111.84	102.41	106.97	107.07	4.40	ppb
Potassium	39-2	88788.98	86745.26	88258.38	87930.87	1.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	1.66	1.81	1.84	1.77	5.45	ppb
Selenium	77-2	2.34	1.61	3.20	2.38	33.48	ppb
Selenium	78-2	0.96	0.31	0.08	0.45	101.30	ppb
Silicon	28-1	3841.14	3986.86	4029.15	3952.38	2.50	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.34	ppb
Sodium	23-2	61729.67	62940.60	62283.47	62317.91	0.97	ppb
Strontium	86-1	21423.41	21818.48	21576.04	21605.97	0.92	ppb
Strontium	88-1	21116.77	21960.36	21539.27	21538.80	1.96	ppb
Sulfur	34-1	34619.35	35346.03	35626.36	35197.25	1.48	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.03	0.03	7.78	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.62	ppb
Tin	118-1	0.06	0.06	0.07	0.06	12.57	ppb
Titanium	47-1	10.18	10.29	10.51	10.33	1.66	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	3.10	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-13	Instrumnet Name :	P8
Client Sample ID :	ME29B0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:29:04	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.97	4.93	5.03	4.98	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5.39	5.20	5.39	5.32	2.03	ppb
Zirconium	90-1	0.44	0.49	0.44	0.46	6.62	ppb
Zirconium	91-1	0.43	0.45	0.43	0.44	2.02	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-14	Instrumnet Name :	P8
Client Sample ID :	ME29B1	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:32:13	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	336.82	334.78	339.47	337.02	0.70	ppb
Antimony	121-1	0.68	0.69	0.67	0.68	1.73	ppb
Arsenic	75-2	3.55	3.47	3.58	3.54	1.73	ppb
Barium	135-1	11.11	11.41	11.10	11.21	1.59	ppb
Barium	137-1	11.17	11.19	11.30	11.22	0.63	ppb
Beryllium	9-1	0.00	0.00	0.02	0.01	102.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.64	0.85	0.90	0.80	17.45	ppb
Cadmium	106-1	0.46	0.99	0.15	0.53	78.59	ppb
Cadmium	111-1	0.08	0.11	0.08	0.09	17.56	ppb
Calcium	43-1	43899.93	44572.56	45799.85	44757.44	2.15	ppb
Calcium	44-1	43777.50	43781.62	45517.59	44358.90	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.23	0.25	0.23	5.50	ppb
Cobalt	59-2	0.20	0.17	0.18	0.18	7.56	ppb
Copper	63-2	5.63	5.52	5.74	5.63	1.93	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				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	38.31	35.51	36.38	36.73	3.91	ppb
Iron	56-2	36.44	36.08	37.44	36.65	1.92	ppb
Iron	57-2	37.02	38.18	35.92	37.04	3.06	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.64	0.61	0.62	2.71	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-14	Instrumnet Name :	P8
Client Sample ID :	ME29B1	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:32:13	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.57	0.60	0.60	0.59	3.67	ppb
Lead	208-1	0.59	0.62	0.61	0.61	1.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	185.41	185.29	193.32	188.01	2.45	ppb
Manganese	55-2	3.03	3.00	3.04	3.02	0.72	ppb
Molybdenum	94-1	42.59	43.12	43.38	43.03	0.94	ppb
Molybdenum	95-1	51.52	52.37	52.28	52.06	0.90	ppb
Molybdenum	96-1	49.83	50.55	51.89	50.76	2.06	ppb
Molybdenum	97-1	52.50	53.55	53.50	53.19	1.12	ppb
Molybdenum	98-1	51.49	52.37	51.94	51.93	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.90	30.12	31.84	30.95	2.79	ppb
Phosphorus	31-2	41.08	75.94	60.01	59.01	29.57	ppb
Potassium	39-2	48643.73	47520.79	49090.81	48418.45	1.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	3.70	3.27	3.09	3.35	9.26	ppb
Selenium	77-2	1.66	6.41	3.28	3.78	63.84	ppb
Selenium	78-2	2.98	3.08	3.40	3.15	6.93	ppb
Silicon	28-1	5861.42	5974.67	6190.44	6008.84	2.78	ppb
Silver	107-1	0.10	0.10	0.11	0.10	3.92	ppb
Silver	109-1	0.10	0.10	0.11	0.10	3.84	ppb
Sodium	23-2	41205.61	39900.11	41481.17	40862.30	2.07	ppb
Strontium	86-1	9103.32	9188.84	9120.91	9137.69	0.49	ppb
Strontium	88-1	8980.55	8986.08	9198.06	9054.90	1.37	ppb
Sulfur	34-1	20720.57	21265.26	21721.43	21235.75	2.36	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.02	0.02	19.81	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.68	ppb
Tin	118-1	0.08	0.08	0.07	0.08	5.98	ppb
Titanium	47-1	0.89	0.91	0.95	0.92	3.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.79	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-14	Instrumnet Name :	P8
Client Sample ID :	ME29B1	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:32:13	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	23.81	23.49	24.33	23.88	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	1.46	1.35	1.49	1.44	5.21	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.70	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	38.59	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-15	Instrumnet Name :	P8
Client Sample ID :	ME29A9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:35:30	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.44	60.47	65.05	63.32	3.93	ppb
Antimony	121-1	0.30	0.28	0.30	0.29	2.22	ppb
Arsenic	75-2	0.19	0.16	0.21	0.18	13.94	ppb
Barium	135-1	85.93	87.06	86.13	86.37	0.70	ppb
Barium	137-1	86.99	87.18	87.55	87.24	0.33	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	53.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.19	0.18	0.22	0.20	9.75	ppb
Cadmium	106-1	0.02	0.48	0.11	0.20	121.73	ppb
Cadmium	111-1	0.05	0.09	0.07	0.07	30.24	ppb
Calcium	43-1	112690.57	113872.96	113278.43	113280.65	0.52	ppb
Calcium	44-1	113016.71	114185.53	114331.17	113844.47	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.09	0.10	0.09	6.73	ppb
Cobalt	59-2	0.35	0.33	0.36	0.34	4.64	ppb
Copper	63-2	1.38	1.42	1.48	1.43	3.45	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				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	54-2	91.49	91.16	93.49	92.05	1.37	ppb
Iron	56-2	94.56	90.93	93.64	93.04	2.03	ppb
Iron	57-2	91.28	96.48	96.46	94.74	3.16	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.24	0.25	0.24	3.75	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-15	Instrumnet Name :	P8
Client Sample ID :	ME29A9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:35:30	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.22	0.21	0.20	0.21	4.35	ppb
Lead	208-1	0.22	0.22	0.22	0.22	1.49	ppb
Lithium	6-1				99		%
Magnesium	24-2	30766.46	30471.94	31338.53	30858.98	1.43	ppb
Manganese	55-2	15.70	15.09	15.56	15.45	2.07	ppb
Molybdenum	94-1	6.70	6.63	6.86	6.73	1.75	ppb
Molybdenum	95-1	7.86	7.97	7.87	7.90	0.75	ppb
Molybdenum	96-1	7.61	7.80	7.69	7.70	1.26	ppb
Molybdenum	97-1	7.90	8.04	8.01	7.98	0.87	ppb
Molybdenum	98-1	7.88	7.91	7.94	7.91	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.06	6.13	6.29	6.16	1.91	ppb
Phosphorus	31-2	30.75	19.86	31.52	27.38	23.81	ppb
Potassium	39-2	1454.28	1393.38	1461.70	1436.45	2.61	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	1.23	1.33	1.48	1.35	9.24	ppb
Selenium	77-2	3.41	0.81	0.00	1.40	126.72	ppb
Selenium	78-2	1.61	0.09	2.08	1.26	82.75	ppb
Silicon	28-1	3610.06	3654.92	3697.26	3654.08	1.19	ppb
Silver	107-1	0.00	0.00	0.00	0.00	48.53	ppb
Silver	109-1	0.00	0.00	0.00	0.00	35.82	ppb
Sodium	23-2	97306.08	94161.41	98363.13	96610.20	2.26	ppb
Strontium	86-1	40341.09	40057.53	40028.51	40142.38	0.43	ppb
Strontium	88-1	39648.99	40416.54	40568.34	40211.29	1.23	ppb
Sulfur	34-1	27332.17	27334.37	28077.36	27581.30	1.56	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.06	0.07	0.06	7.46	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.99	ppb
Tin	118-1	-0.01	0.02	0.01	0.01	286.73	ppb
Titanium	47-1	1.54	1.51	1.50	1.52	1.29	ppb
Uranium	238-1	8.54	8.55	8.72	8.61	1.19	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-15	Instrumnet Name :	P8
Client Sample ID :	ME29A9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:35:30	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.24	0.24	0.22	0.23	4.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	8.87	8.85	8.96	8.89	0.68	ppb
Zirconium	90-1	0.12	0.12	0.12	0.12	1.65	ppb
Zirconium	91-1	0.12	0.11	0.11	0.12	3.64	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-16	Instrumnet Name :	P8
Client Sample ID :	ME29B2	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:38:43	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.01	23.86	26.23	25.70	6.37	ppb
Antimony	121-1	0.10	0.10	0.10	0.10	1.48	ppb
Arsenic	75-2	1.98	2.19	2.26	2.14	6.80	ppb
Barium	135-1	70.78	69.65	70.24	70.22	0.81	ppb
Barium	137-1	72.30	70.25	70.99	71.18	1.46	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	46.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.10	0.14	0.12	18.90	ppb
Cadmium	106-1	-0.06	-0.52	-0.65	-0.41		ppb
Cadmium	111-1	0.00	-0.04	-0.05	-0.03		ppb
Calcium	43-1	298198.26	299262.77	296356.59	297939.20	0.49	ppb
Calcium	44-1	293655.66	299809.29	292095.47	295186.81	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.78	2.85	2.78	2.80	1.46	ppb
Cobalt	59-2	0.55	0.53	0.57	0.55	4.13	ppb
Copper	63-2	0.24	0.24	0.27	0.25	6.18	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				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	54-2	1039.69	1038.59	1031.83	1036.70	0.41	ppb
Iron	56-2	1097.87	1083.86	1082.80	1088.18	0.77	ppb
Iron	57-2	1048.20	1028.12	1030.42	1035.58	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.27	0.27	0.28	4.38	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-16	Instrumnet Name :	P8
Client Sample ID :	ME29B2	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:38:43	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.24	0.25	0.25	0.25	1.56	ppb
Lead	208-1	0.27	0.26	0.25	0.26	3.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	76017.98	75769.05	73745.34	75177.46	1.66	ppb
Manganese	55-2	569.89	563.37	570.21	567.82	0.68	ppb
Molybdenum	94-1	0.65	0.69	0.75	0.70	6.71	ppb
Molybdenum	95-1	0.26	0.26	0.28	0.27	3.95	ppb
Molybdenum	96-1	0.31	0.30	0.30	0.30	2.11	ppb
Molybdenum	97-1	0.26	0.28	0.27	0.27	3.96	ppb
Molybdenum	98-1	0.24	0.25	0.25	0.25	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	1.78	1.76	1.76	1.14	ppb
Phosphorus	31-2	89.91	114.59	113.11	105.87	13.08	ppb
Potassium	39-2	3655.14	3607.99	3663.36	3642.17	0.82	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.33	0.57	0.39	0.43	29.48	ppb
Selenium	77-2	0.00	0.00	0.81	0.27	173.21	ppb
Selenium	78-2	0.34	-0.84	-0.37	-0.29		ppb
Silicon	28-1	8128.45	8069.63	8085.23	8094.44	0.38	ppb
Silver	107-1	0.01	0.03	0.01	0.01	81.15	ppb
Silver	109-1	0.00	0.00	0.00	0.00	28.27	ppb
Sodium	23-2	39890.95	39396.89	39169.48	39485.77	0.93	ppb
Strontium	86-1	311040.81	312570.28	309193.97	310935.02	0.54	ppb
Strontium	88-1	313363.09	311159.58	306866.78	310463.15	1.06	ppb
Sulfur	34-1	260012.67	258425.32	255612.57	258016.86	0.86	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	6.42	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.46	ppb
Tin	118-1	0.69	0.69	0.67	0.68	2.04	ppb
Titanium	47-1	1.36	1.45	1.44	1.42	3.67	ppb
Uranium	238-1	0.58	0.57	0.57	0.58	1.20	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-16	Instrumnet Name :	P8
Client Sample ID :	ME29B2	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:38:43	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.51	0.51	0.48	0.50	3.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	2.58	2.57	2.24	2.47	7.80	ppb
Zirconium	90-1	0.25	0.26	0.25	0.25	2.05	ppb
Zirconium	91-1	0.27	0.23	0.25	0.25	7.07	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-17	Instrumnet Name :	P8
Client Sample ID :	ME29B3	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:42:00	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2193.50	2190.68	2149.54	2177.91	1.13	ppb
Antimony	121-1	0.20	0.22	0.22	0.21	4.51	ppb
Arsenic	75-2	6.42	6.44	6.17	6.34	2.37	ppb
Barium	135-1	185.03	187.59	191.75	188.12	1.80	ppb
Barium	137-1	189.37	189.02	192.61	190.33	1.04	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	1.73	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	0.99	1.16	1.18	1.11	9.29	ppb
Cadmium	106-1	0.32	0.22	0.29	0.28	18.40	ppb
Cadmium	111-1	0.25	0.22	0.25	0.24	5.98	ppb
Calcium	43-1	200343.89	199720.05	201165.32	200409.75	0.36	ppb
Calcium	44-1	200716.98	197142.02	196462.02	198107.01	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.62	6.16	6.26	6.34	3.79	ppb
Cobalt	59-2	0.72	0.73	0.72	0.72	0.69	ppb
Copper	63-2	1.44	1.42	1.34	1.40	3.79	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				102		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	54-2	1541.66	1539.59	1513.43	1531.56	1.03	ppb
Iron	56-2	1590.21	1624.62	1593.66	1602.83	1.18	ppb
Iron	57-2	1533.17	1509.34	1507.98	1516.83	0.93	ppb
Krypton	83-1						cps
Lead	206-1	9.36	9.83	9.42	9.53	2.69	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-17	Instrumnet Name :	P8
Client Sample ID :	ME29B3	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:42:00	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	8.84	9.37	8.89	9.04	3.20	ppb
Lead	208-1	9.05	9.45	9.12	9.21	2.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	558.23	541.70	541.43	547.12	1.76	ppb
Manganese	55-2	91.05	91.58	89.66	90.76	1.09	ppb
Molybdenum	94-1	61.91	63.84	64.03	63.26	1.86	ppb
Molybdenum	95-1	74.04	75.99	76.48	75.50	1.71	ppb
Molybdenum	96-1	73.23	74.92	74.60	74.25	1.21	ppb
Molybdenum	97-1	75.97	78.36	79.02	77.78	2.06	ppb
Molybdenum	98-1	74.33	76.60	76.90	75.94	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	183.38	180.84	177.18	180.47	1.73	ppb
Phosphorus	31-2	180.81	173.48	184.55	179.62	3.13	ppb
Potassium	39-2	120316.82	118532.87	116770.98	118540.22	1.50	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	2.88	2.56	2.98	2.80	7.80	ppb
Selenium	77-2	2.51	1.67	0.00	1.39	91.72	ppb
Selenium	78-2	1.32	0.12	1.50	0.98	76.95	ppb
Silicon	28-1	2153.28	2240.20	2276.13	2223.20	2.84	ppb
Silver	107-1	0.05	0.05	0.06	0.05	16.44	ppb
Silver	109-1	0.05	0.06	0.06	0.05	12.96	ppb
Sodium	23-2	310174.07	308952.80	303598.74	307575.20	1.14	ppb
Strontium	86-1	113072.03	114238.70	114897.66	114069.46	0.81	ppb
Strontium	88-1	114135.41	116172.26	115831.51	115379.72	0.95	ppb
Sulfur	34-1	10421.41	10252.74	10388.33	10354.16	0.86	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.02	0.03	3.63	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	0.45	ppb
Tin	118-1	0.27	0.29	0.26	0.27	4.87	ppb
Titanium	47-1	8.57	8.47	8.34	8.46	1.38	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	2.10	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-17	Instrumnet Name :	P8
Client Sample ID :	ME29B3	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:42:00	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.47	3.59	3.43	3.50	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	54.37	54.74	52.98	54.03	1.72	ppb
Zirconium	90-1	0.33	0.31	0.31	0.31	3.09	ppb
Zirconium	91-1	0.33	0.32	0.33	0.33	0.92	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-18	Instrumnet Name :	P8
Client Sample ID :	ME29B4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:45:16	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	285.47	288.11	291.48	288.35	1.04	ppb
Antimony	121-1	0.79	0.75	0.76	0.76	2.80	ppb
Arsenic	75-2	16.47	16.61	17.18	16.75	2.26	ppb
Barium	135-1	16.01	15.57	16.08	15.89	1.73	ppb
Barium	137-1	16.08	15.91	16.44	16.14	1.66	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	47.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	1.24	1.30	1.37	1.30	5.20	ppb
Cadmium	106-1	-0.25	-1.31	-0.01	-0.52		ppb
Cadmium	111-1	0.07	0.02	0.11	0.06	66.52	ppb
Calcium	43-1	36210.70	36438.85	37128.14	36592.56	1.31	ppb
Calcium	44-1	35951.65	35922.51	36063.79	35979.32	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.46	2.57	2.55	2.53	2.28	ppb
Cobalt	59-2	0.28	0.32	0.32	0.30	8.24	ppb
Copper	63-2	2.17	2.25	2.19	2.20	1.81	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				103		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	951.68	966.62	969.07	962.46	0.98	ppb
Iron	56-2	991.23	1003.80	1002.12	999.05	0.68	ppb
Iron	57-2	939.37	949.83	969.26	952.82	1.59	ppb
Krypton	83-1						cps
Lead	206-1	9.28	9.36	9.21	9.28	0.80	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-18	Instrumnet Name :	P8
Client Sample ID :	ME29B4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:45:16	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	8.71	8.68	8.70	8.70	0.20	ppb
Lead	208-1	8.86	8.90	8.90	8.89	0.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	137.67	142.25	142.94	140.96	2.03	ppb
Manganese	55-2	36.79	38.04	37.74	37.52	1.73	ppb
Molybdenum	94-1	91.35	90.66	90.90	90.97	0.39	ppb
Molybdenum	95-1	110.50	108.62	109.65	109.59	0.86	ppb
Molybdenum	96-1	107.49	106.90	106.01	106.80	0.70	ppb
Molybdenum	97-1	111.88	110.84	111.84	111.52	0.53	ppb
Molybdenum	98-1	116.96	116.66	115.22	116.28	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.44	51.42	52.28	51.38	1.79	ppb
Phosphorus	31-2	309.23	355.91	313.61	326.25	7.90	ppb
Potassium	39-2	88811.57	90997.93	92477.59	90762.36	2.03	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	1.80	1.10	1.73	1.54	25.19	ppb
Selenium	77-2	0.00	0.84	3.39	1.41	125.29	ppb
Selenium	78-2	0.84	0.85	1.11	0.93	16.64	ppb
Silicon	28-1	28080.10	27856.59	28786.93	28241.21	1.72	ppb
Silver	107-1	0.04	0.05	0.05	0.04	4.02	ppb
Silver	109-1	0.05	0.04	0.04	0.04	6.26	ppb
Sodium	23-2	96006.58	96516.64	96484.55	96335.92	0.30	ppb
Strontium	86-1	18597.12	18840.80	18748.93	18728.95	0.66	ppb
Strontium	88-1	18710.91	18340.07	18737.83	18596.27	1.20	ppb
Sulfur	34-1	39902.93	40360.71	40413.10	40225.58	0.70	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.49	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.35	ppb
Tin	118-1	0.07	0.06	0.06	0.06	5.18	ppb
Titanium	47-1	5.94	5.98	6.00	5.97	0.53	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.32	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-18	Instrumnet Name :	P8
Client Sample ID :	ME29B4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:45:16	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.84	20.19	20.14	20.05	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	59.03	58.75	60.65	59.48	1.72	ppb
Zirconium	90-1	0.08	0.08	0.10	0.09	12.76	ppb
Zirconium	91-1	0.08	0.10	0.11	0.10	14.61	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-19	Instrumnet Name :	P8
Client Sample ID :	ME29B5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:48:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	379.19	349.11	369.12	365.81	4.19	ppb
Antimony	121-1	2.78	2.76	2.77	2.77	0.29	ppb
Arsenic	75-2	12.37	11.90	12.17	12.15	1.96	ppb
Barium	135-1	14.18	14.10	13.87	14.05	1.13	ppb
Barium	137-1	14.13	14.22	14.16	14.17	0.34	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	23.90	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	2.89	2.52	2.84	2.75	7.29	ppb
Cadmium	106-1	-0.38	-0.30	0.19	-0.16		ppb
Cadmium	111-1	0.16	0.17	0.20	0.18	11.69	ppb
Calcium	43-1	6828.79	6789.39	6928.62	6848.93	1.05	ppb
Calcium	44-1	7055.85	7035.32	7079.79	7056.98	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	1.90	2.07	2.01	4.79	ppb
Cobalt	59-2	0.61	0.58	0.60	0.59	2.81	ppb
Copper	63-2	5.93	5.81	6.04	5.93	1.94	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				102		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	54-2	1075.79	1024.10	1056.84	1052.24	2.48	ppb
Iron	56-2	1096.76	1141.25	1128.40	1122.13	2.04	ppb
Iron	57-2	1050.97	1010.13	1032.72	1031.27	1.98	ppb
Krypton	83-1						cps
Lead	206-1	20.22	20.69	20.43	20.45	1.14	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-19	Instrumnet Name :	P8
Client Sample ID :	ME29B5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:48:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	18.86	19.60	19.38	19.28	1.98	ppb
Lead	208-1	19.40	19.79	19.58	19.59	0.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	7459.60	7099.38	7420.27	7326.42	2.70	ppb
Manganese	55-2	67.74	65.19	67.01	66.65	1.96	ppb
Molybdenum	94-1	177.66	180.70	180.98	179.78	1.03	ppb
Molybdenum	95-1	228.59	229.37	231.74	229.90	0.71	ppb
Molybdenum	96-1	229.85	229.14	227.93	228.97	0.42	ppb
Molybdenum	97-1	220.34	223.16	223.03	222.18	0.72	ppb
Molybdenum	98-1	226.78	232.13	231.99	230.30	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.84	57.37	58.83	58.68	2.11	ppb
Phosphorus	31-2	408.17	386.63	324.16	372.98	11.70	ppb
Potassium	39-2	188224.16	180680.90	182773.46	183892.84	2.12	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	1.68	1.90	1.49	1.69	12.01	ppb
Selenium	77-2	0.86	1.66	2.53	1.68	49.58	ppb
Selenium	78-2	1.64	1.30	0.13	1.02	77.58	ppb
Silicon	28-1	10757.41	10871.18	10996.93	10875.18	1.10	ppb
Silver	107-1	0.20	0.20	0.19	0.19	3.67	ppb
Silver	109-1	0.20	0.19	0.19	0.19	2.48	ppb
Sodium	23-2	193806.68	184085.77	191369.04	189753.83	2.67	ppb
Strontium	86-1	3029.00	3029.94	3032.69	3030.55	0.06	ppb
Strontium	88-1	3070.33	3124.83	3126.98	3107.38	1.03	ppb
Sulfur	34-1	49300.34	49681.32	50230.65	49737.43	0.94	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.07	0.07	0.07	0.07	2.71	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	5.52	ppb
Tin	118-1	0.17	0.18	0.18	0.18	2.33	ppb
Titanium	47-1	9.19	9.01	9.10	9.10	1.00	ppb
Uranium	238-1	1.69	1.75	1.71	1.71	1.71	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-19	Instrumnet Name :	P8
Client Sample ID :	ME29B5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:48:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	23.19	22.42	23.08	22.90	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	23.26	21.59	23.20	22.68	4.18	ppb
Zirconium	90-1	0.37	0.36	0.38	0.37	3.28	ppb
Zirconium	91-1	0.34	0.35	0.37	0.35	4.20	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:51:41	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.88	9.48	7.74	9.37	16.79	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	4.37	ppb
Arsenic	75-2	0.07	0.04	-0.01	0.03	123.77	ppb
Barium	135-1	9.17	9.06	9.20	9.15	0.78	ppb
Barium	137-1	9.35	9.31	9.40	9.36	0.51	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	17.87	ppb
Bismuth	209-1				88		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.04	0.05	0.05	29.54	ppb
Cadmium	106-1	0.12	-0.10	1.06	0.36	169.19	ppb
Cadmium	111-1	0.01	0.00	0.09	0.03	145.48	ppb
Calcium	43-1	538344.62	547407.89	536215.41	540655.98	1.10	ppb
Calcium	44-1	534562.03	551304.10	531190.63	539018.92	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.04	0.03	48.72	ppb
Cobalt	59-2	0.02	0.03	0.03	0.02	20.00	ppb
Copper	63-2	0.06	0.06	0.09	0.07	28.22	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				97		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	54-2	3037.60	3003.42	3038.66	3026.56	0.66	ppb
Iron	56-2	3098.56	3103.45	3171.02	3124.34	1.30	ppb
Iron	57-2	3015.76	2980.61	3030.93	3009.10	0.86	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.09	0.09	4.67	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:51:41	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.09	0.09	0.09	8.55	ppb
Lead	208-1	0.08	0.09	0.09	0.09	3.61	ppb
Lithium	6-1				90		%
Magnesium	24-2	172394.46	170340.28	170163.20	170965.98	0.73	ppb
Manganese	55-2	75.02	72.37	73.30	73.56	1.82	ppb
Molybdenum	94-1	0.39	0.40	0.36	0.38	5.01	ppb
Molybdenum	95-1	0.42	0.42	0.43	0.42	0.67	ppb
Molybdenum	96-1	0.39	0.39	0.38	0.39	2.04	ppb
Molybdenum	97-1	0.46	0.38	0.40	0.41	10.17	ppb
Molybdenum	98-1	0.41	0.38	0.40	0.39	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.01	-0.03	-0.04		ppb
Phosphorus	31-2	-16.83	-8.79	-17.81	-14.48		ppb
Potassium	39-2	4915.90	4873.81	4944.01	4911.24	0.72	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.36	0.47	0.12	0.32	56.08	ppb
Selenium	77-2	0.85	0.00	0.86	0.57	86.60	ppb
Selenium	78-2	-0.10	-0.36	0.88	0.14	466.63	ppb
Silicon	28-1	8702.21	8844.63	8898.42	8815.09	1.15	ppb
Silver	107-1	0.03	0.02	0.03	0.03	7.87	ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.93	ppb
Sodium	23-2	315455.01	308070.50	315057.49	312861.00	1.33	ppb
Strontium	86-1	379340.15	377009.27	380274.71	378874.71	0.44	ppb
Strontium	88-1	383806.06	379095.69	380505.21	381135.66	0.63	ppb
Sulfur	34-1	505181.35	508993.04	504636.47	506270.29	0.47	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.03	0.03	0.02	35.20	ppb
Thallium	205-1	0.01	0.03	0.03	0.03	43.41	ppb
Tin	118-1	0.04	0.03	0.02	0.03	27.51	ppb
Titanium	47-1	1.09	1.07	1.08	1.08	1.35	ppb
Uranium	238-1	0.16	0.15	0.15	0.15	1.76	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:51:41	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.05	0.02	0.03	0.03	40.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	0.27	0.35	0.32	0.31	11.51	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	12.90	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	33.98	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-21	Instrumnet Name :	P8
Client Sample ID :	ME29B9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:54:59	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	315.11	322.36	320.43	319.30	1.18	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.33	ppb
Arsenic	75-2	1.16	1.10	0.96	1.07	9.53	ppb
Barium	135-1	16.67	17.03	16.47	16.72	1.72	ppb
Barium	137-1	16.67	17.28	16.71	16.89	2.01	ppb
Beryllium	9-1	0.03	0.05	0.03	0.03	31.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	0.18	0.08	0.10	0.12	44.97	ppb
Cadmium	106-1	1.42	0.04	0.08	0.51	153.91	ppb
Cadmium	111-1	0.12	0.02	0.02	0.05	108.86	ppb
Calcium	43-1	215690.23	217839.13	215225.62	216251.66	0.64	ppb
Calcium	44-1	209436.88	213334.72	211763.23	211511.61	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.80	0.74	0.75	5.75	ppb
Cobalt	59-2	0.30	0.33	0.28	0.30	8.64	ppb
Copper	63-2	1.04	0.98	1.03	1.02	3.28	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				94		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	54-2	1175.63	1164.22	1171.29	1170.38	0.49	ppb
Iron	56-2	1218.81	1212.39	1219.60	1216.93	0.33	ppb
Iron	57-2	1164.56	1133.98	1166.06	1154.87	1.57	ppb
Krypton	83-1						cps
Lead	206-1	0.57	0.56	0.53	0.55	4.37	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-21	Instrumnet Name :	P8
Client Sample ID :	ME29B9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:54:59	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.53	0.52	0.52	0.52	0.76	ppb
Lead	208-1	0.54	0.53	0.52	0.53	1.31	ppb
Lithium	6-1				98		%
Magnesium	24-2	63773.60	63134.40	63524.12	63477.37	0.51	ppb
Manganese	55-2	97.35	96.77	97.27	97.13	0.33	ppb
Molybdenum	94-1	1.36	1.43	1.51	1.43	5.21	ppb
Molybdenum	95-1	0.85	0.85	0.87	0.86	0.97	ppb
Molybdenum	96-1	0.88	0.88	0.91	0.89	2.02	ppb
Molybdenum	97-1	0.82	0.87	0.90	0.86	4.62	ppb
Molybdenum	98-1	0.82	0.85	0.84	0.84	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.63	0.76	0.71	9.87	ppb
Phosphorus	31-2	-5.04	4.12	-6.58	-2.50		ppb
Potassium	39-2	3062.88	3032.97	3074.64	3056.83	0.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	0.18	0.32	0.35	0.28	32.40	ppb
Selenium	77-2	0.83	0.85	2.58	1.42	70.78	ppb
Selenium	78-2	0.12	0.37	0.15	0.21	65.87	ppb
Silicon	28-1	5496.15	5574.17	5495.85	5522.06	0.82	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.17	ppb
Silver	109-1	0.01	0.01	0.00	0.01	26.93	ppb
Sodium	23-2	22096.13	21950.16	22489.45	22178.58	1.26	ppb
Strontium	86-1	424235.97	434801.25	445509.38	434848.87	2.45	ppb
Strontium	88-1	419671.81	432342.64	442403.46	431472.63	2.64	ppb
Sulfur	34-1	198085.14	198440.94	195206.80	197244.29	0.90	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.03	0.04	0.04	22.24	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.94	ppb
Tin	118-1	0.08	0.08	0.08	0.08	0.36	ppb
Titanium	47-1	7.88	8.28	8.59	8.25	4.33	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	1.45	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-21	Instrumnet Name :	P8
Client Sample ID :	ME29B9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:54:59	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.98	1.00	1.06	1.01	4.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	3.20	3.04	3.22	3.15	3.15	ppb
Zirconium	90-1	0.36	0.37	0.39	0.37	2.88	ppb
Zirconium	91-1	0.38	0.38	0.41	0.39	3.91	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-22	Instrumnet Name :	P8
Client Sample ID :	ME29C0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:58:13	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.56	9.49	9.20	9.08	5.25	ppb
Antimony	121-1	0.81	0.85	0.84	0.84	2.73	ppb
Arsenic	75-2	1.11	1.12	1.26	1.16	7.14	ppb
Barium	135-1	75.19	77.99	76.56	76.58	1.83	ppb
Barium	137-1	76.82	78.84	77.20	77.62	1.38	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	506.29	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	0.18	0.14	0.11	0.14	24.37	ppb
Cadmium	106-1	-0.01	-0.04	0.71	0.22	190.27	ppb
Cadmium	111-1	0.01	0.00	0.06	0.02	136.68	ppb
Calcium	43-1	502577.57	500886.98	506199.08	503221.21	0.54	ppb
Calcium	44-1	506820.19	498307.97	492384.49	499170.88	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.09	0.08	0.08	19.15	ppb
Cobalt	59-2	0.13	0.15	0.16	0.14	11.43	ppb
Copper	63-2	0.35	0.40	0.35	0.36	7.48	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				99		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	54-2	71.03	72.25	73.91	72.40	2.00	ppb
Iron	56-2	74.11	74.23	73.94	74.09	0.20	ppb
Iron	57-2	81.22	80.98	86.90	83.03	4.04	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.07	0.07	7.35	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-22	Instrumnet Name :	P8
Client Sample ID :	ME29C0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:58:13	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.08	0.05	0.06	23.34	ppb
Lead	208-1	0.06	0.07	0.06	0.06	11.40	ppb
Lithium	6-1				94		%
Magnesium	24-2	159238.20	165309.37	161106.51	161884.69	1.92	ppb
Manganese	55-2	39.15	40.66	40.71	40.17	2.20	ppb
Molybdenum	94-1	6.31	6.26	6.11	6.23	1.73	ppb
Molybdenum	95-1	7.49	7.59	7.56	7.55	0.69	ppb
Molybdenum	96-1	7.25	7.31	7.34	7.30	0.59	ppb
Molybdenum	97-1	7.60	7.84	7.67	7.70	1.60	ppb
Molybdenum	98-1	7.37	7.41	7.51	7.43	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.96	0.95	0.96	0.53	ppb
Phosphorus	31-2	-16.76	-13.27	-21.34	-17.12		ppb
Potassium	39-2	7258.17	7305.67	7402.70	7322.18	1.01	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.25	0.99	0.61	0.62	59.82	ppb
Selenium	77-2	0.85	0.85	0.00	0.57	86.60	ppb
Selenium	78-2	0.38	-0.60	-0.11	-0.11		ppb
Silicon	28-1	7017.25	7104.42	7117.64	7079.77	0.77	ppb
Silver	107-1	0.01	0.02	0.02	0.02	14.54	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.79	ppb
Sodium	23-2	278658.29	282969.64	283485.73	281704.55	0.94	ppb
Strontium	86-1	354371.07	354548.71	355033.98	354651.25	0.10	ppb
Strontium	88-1	349398.32	358062.64	358630.93	355363.96	1.46	ppb
Sulfur	34-1	487066.65	492906.15	496643.62	492205.47	0.98	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.08	0.09	0.08	6.15	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	2.23	ppb
Tin	118-1	0.06	0.04	0.04	0.05	29.85	ppb
Titanium	47-1	0.95	0.88	0.84	0.89	6.23	ppb
Uranium	238-1	6.99	7.30	7.35	7.21	2.70	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-22	Instrumnet Name :	P8
Client Sample ID :	ME29C0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:58:13	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.36	0.37	0.38	0.37	2.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	0.11	0.27	0.24	0.20	41.63	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.13	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	10.31	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DL2X5	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:01:33	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18475.41	18013.13	18569.66	18352.73	1.62	ppb
Antimony	121-1	0.32	0.32	0.33	0.32	0.76	ppb
Arsenic	75-2	13.93	12.77	12.85	13.19	4.91	ppb
Barium	135-1	332.67	337.23	335.76	335.22	0.70	ppb
Barium	137-1	351.71	358.94	347.98	352.88	1.58	ppb
Beryllium	9-1	1.15	1.13	1.17	1.15	1.57	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	1.72	1.64	1.52	1.63	6.12	ppb
Cadmium	106-1	3.19	3.32	2.63	3.04	12.00	ppb
Cadmium	111-1	0.94	0.95	0.88	0.92	4.41	ppb
Calcium	43-1	148095.42	151326.28	153042.93	150821.54	1.67	ppb
Calcium	44-1	148760.31	149881.36	153744.90	150795.53	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.80	43.59	43.63	43.67	0.25	ppb
Cobalt	59-2	19.79	19.84	20.10	19.91	0.85	ppb
Copper	63-2	93.19	91.95	93.27	92.80	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				102		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	54-2	42799.29	41677.18	42310.12	42262.20	1.33	ppb
Iron	56-2	42201.54	42149.87	42717.07	42356.16	0.74	ppb
Iron	57-2	42187.23	42547.75	43087.22	42607.40	1.06	ppb
Krypton	83-1						cps
Lead	206-1	54.80	55.74	56.23	55.59	1.31	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DL2X5	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:01:33	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	51.47	52.90	53.94	52.77	2.34	ppb
Lead	208-1	54.73	55.06	56.43	55.41	1.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	55619.31	55423.34	55238.69	55427.11	0.34	ppb
Manganese	55-2	1563.18	1534.20	1528.93	1542.10	1.20	ppb
Molybdenum	94-1	17.18	17.56	17.92	17.55	2.11	ppb
Molybdenum	95-1	7.56	7.61	7.67	7.61	0.78	ppb
Molybdenum	96-1	8.58	8.70	8.79	8.69	1.23	ppb
Molybdenum	97-1	7.77	7.81	7.91	7.83	0.93	ppb
Molybdenum	98-1	7.55	7.72	7.73	7.67	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.46	50.98	51.01	51.15	0.53	ppb
Phosphorus	31-2	1041.29	1014.10	972.87	1009.42	3.41	ppb
Potassium	39-2	3809.38	3801.43	3810.74	3807.18	0.13	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	1.12	0.89	1.39	1.13	21.99	ppb
Selenium	77-2	41.13	40.90	41.14	41.05	0.34	ppb
Selenium	78-2	5.89	5.62	6.21	5.90	5.06	ppb
Silicon	28-1	12254.23	12394.13	12584.85	12411.07	1.34	ppb
Silver	107-1	0.14	0.15	0.15	0.15	1.62	ppb
Silver	109-1	0.14	0.15	0.15	0.15	3.02	ppb
Sodium	23-2	14713.26	14620.32	14791.95	14708.51	0.58	ppb
Strontium	86-1	26167.94	26075.75	26450.60	26231.43	0.74	ppb
Strontium	88-1	25910.10	26303.19	26337.42	26183.57	0.91	ppb
Sulfur	34-1	22122.60	22430.90	22936.07	22496.52	1.83	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.42	0.46	0.46	0.45	5.06	ppb
Thallium	205-1	0.44	0.46	0.46	0.45	2.75	ppb
Tin	118-1	3.57	3.61	3.52	3.57	1.22	ppb
Titanium	47-1	185.06	184.13	191.87	187.02	2.26	ppb
Uranium	238-1	4.77	4.88	4.93	4.86	1.69	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DL2X5	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:01:33	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	42.05	41.80	41.78	41.88	0.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	234.73	231.71	234.51	233.65	0.72	ppb
Zirconium	90-1	6.07	6.20	6.29	6.19	1.81	ppb
Zirconium	91-1	6.08	6.06	6.19	6.11	1.10	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20DLX2	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:04:42	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.39	5.67	5.77	5.61	3.52	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	49.44	ppb
Arsenic	75-2	0.01	0.00	0.03	0.01	110.93	ppb
Barium	135-1	5.03	5.26	5.10	5.13	2.34	ppb
Barium	137-1	5.05	5.28	5.15	5.16	2.17	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	53.55	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.03	0.03	0.03	1.44	ppb
Cadmium	106-1	0.06	0.22	-0.21	0.02	990.29	ppb
Cadmium	111-1	0.01	0.02	-0.01	0.00	495.02	ppb
Calcium	43-1	279958.31	275587.68	287764.38	281103.45	2.19	ppb
Calcium	44-1	281343.71	273260.45	284403.36	279669.17	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	24.83	ppb
Copper	63-2	0.07	0.02	0.07	0.05	54.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	1598.14	1390.83	1540.26	1509.74	7.09	ppb
Iron	56-2	1661.91	1439.14	1593.27	1564.77	7.29	ppb
Iron	57-2	1605.74	1375.92	1509.75	1497.14	7.71	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.02	0.04	32.64	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20DLX2	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:04:42	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.03	0.03	0.03	13.49	ppb
Lead	208-1	0.04	0.03	0.03	0.04	19.21	ppb
Lithium	6-1				97		%
Magnesium	24-2	90739.70	79133.17	87169.85	85680.91	6.94	ppb
Manganese	55-2	38.25	33.67	37.46	36.46	6.71	ppb
Molybdenum	94-1	0.22	0.20	0.19	0.21	7.80	ppb
Molybdenum	95-1	0.22	0.22	0.21	0.22	2.03	ppb
Molybdenum	96-1	0.20	0.20	0.20	0.20	1.73	ppb
Molybdenum	97-1	0.21	0.20	0.20	0.20	3.09	ppb
Molybdenum	98-1	0.19	0.20	0.19	0.19	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.07	0.02	-0.02		ppb
Phosphorus	31-2	-31.47	-25.37	-29.29	-28.71		ppb
Potassium	39-2	2605.54	2226.31	2511.01	2447.62	8.07	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.28	-0.07	0.02	0.07	245.09	ppb
Selenium	77-2	0.00	0.72	1.59	0.77	103.31	ppb
Selenium	78-2	-0.38	0.20	0.30	0.04	924.61	ppb
Silicon	28-1	4466.74	4348.39	4538.12	4451.09	2.15	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.73	ppb
Silver	109-1	0.01	0.00	0.01	0.01	14.90	ppb
Sodium	23-2	164613.14	143197.10	159188.32	155666.19	7.15	ppb
Strontium	86-1	194900.06	198989.71	197409.67	197099.81	1.05	ppb
Strontium	88-1	195228.51	200451.48	199091.35	198257.11	1.37	ppb
Sulfur	34-1	261663.20	253199.95	264316.51	259726.55	2.24	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.00	0.00	53.59	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	19.48	ppb
Tin	118-1	0.08	0.04	0.00	0.04	94.14	ppb
Titanium	47-1	0.51	0.51	0.53	0.52	2.27	ppb
Uranium	238-1	0.08	0.07	0.08	0.08	2.44	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20DLX2	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:04:42	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.03	0.02	34.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	-0.01	0.16	0.05	0.07	135.06	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.04	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	20.15	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DLX2	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:07:58	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.12	4.56	5.50	5.06	9.29	ppb
Antimony	121-1	0.43	0.43	0.45	0.44	1.76	ppb
Arsenic	75-2	0.42	0.53	0.71	0.55	26.89	ppb
Barium	135-1	39.80	39.89	39.81	39.84	0.13	ppb
Barium	137-1	39.12	39.77	40.00	39.63	1.15	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	81.65	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.12	0.23	0.15	41.61	ppb
Cadmium	106-1	0.48	0.23	0.46	0.39	35.22	ppb
Cadmium	111-1	0.04	0.02	0.04	0.03	36.88	ppb
Calcium	43-1	250250.89	253497.55	251732.80	251827.08	0.65	ppb
Calcium	44-1	249073.81	256097.45	250881.21	252017.49	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.11	0.09	0.09	19.25	ppb
Cobalt	59-2	0.07	0.08	0.08	0.07	6.31	ppb
Copper	63-2	0.20	0.18	0.22	0.20	8.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	34.57	38.54	39.80	37.64	7.26	ppb
Iron	56-2	37.19	38.03	39.72	38.31	3.37	ppb
Iron	57-2	41.03	44.10	46.68	43.94	6.44	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.02	0.02	51.29	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DLX2	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:07:58	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.00	0.01	0.01	145.52	ppb
Lead	208-1	0.02	0.00	0.01	0.01	67.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	79907.19	78714.93	82682.77	80434.97	2.53	ppb
Manganese	55-2	19.81	20.41	20.96	20.40	2.82	ppb
Molybdenum	94-1	3.03	3.32	3.22	3.19	4.59	ppb
Molybdenum	95-1	3.80	3.83	3.83	3.82	0.57	ppb
Molybdenum	96-1	3.65	3.69	3.73	3.69	1.03	ppb
Molybdenum	97-1	3.88	3.98	3.96	3.94	1.35	ppb
Molybdenum	98-1	3.83	3.85	3.83	3.83	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.58	0.68	0.62	8.00	ppb
Phosphorus	31-2	-18.74	-24.34	-23.42	-22.17		ppb
Potassium	39-2	3617.27	3675.79	3783.39	3692.15	2.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.39	0.36	0.63	0.46	33.13	ppb
Selenium	77-2	0.00	0.80	0.82	0.54	86.62	ppb
Selenium	78-2	0.07	0.08	0.34	0.16	95.47	ppb
Silicon	28-1	3534.76	3577.00	3485.27	3532.34	1.30	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.13	ppb
Silver	109-1	0.00	0.01	0.00	0.00	44.88	ppb
Sodium	23-2	138806.37	140043.92	146282.72	141711.00	2.83	ppb
Strontium	86-1	177855.82	179478.04	180074.93	179136.26	0.64	ppb
Strontium	88-1	180407.51	182069.00	177974.23	180150.24	1.14	ppb
Sulfur	34-1	244327.51	249058.75	242747.64	245377.97	1.34	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.04	0.03	0.03	5.63	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	6.41	ppb
Tin	118-1	0.02	0.01	0.02	0.02	27.42	ppb
Titanium	47-1	0.42	0.45	0.42	0.43	4.40	ppb
Uranium	238-1	3.51	3.54	3.46	3.50	1.19	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DLX2	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:07:58	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.17	0.16	0.16	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.02	0.04	0.05	0.04	47.88	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	14.77	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	27.68	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P8
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:11:13	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51304.84	52008.19	52250.84	51854.62	0.95	ppb
Antimony	121-1	508.88	496.37	505.47	503.58	1.28	ppb
Arsenic	75-2	501.69	506.24	504.55	504.16	0.46	ppb
Barium	135-1	2551.20	2513.85	2519.40	2528.15	0.80	ppb
Barium	137-1	2587.24	2471.88	2521.94	2527.02	2.29	ppb
Beryllium	9-1	516.88	513.44	502.57	510.96	1.46	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	509.56	489.33	498.33	499.07	2.03	ppb
Cadmium	106-1	510.72	491.69	499.64	500.69	1.91	ppb
Cadmium	111-1	485.17	494.86	490.38	490.13	0.99	ppb
Calcium	43-1	254068.58	254612.58	254136.32	254272.49	0.12	ppb
Calcium	44-1	256323.39	256405.39	256141.34	256290.04	0.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.04	493.04	505.90	500.99	1.39	ppb
Cobalt	59-2	490.35	497.39	491.67	493.14	0.76	ppb
Copper	63-2	4780.91	4741.44	4788.41	4770.25	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	54-2	127185.43	126542.63	128350.88	127359.65	0.72	ppb
Iron	56-2	127651.59	126916.85	126642.93	127070.46	0.41	ppb
Iron	57-2	124660.28	125885.80	125932.02	125492.70	0.57	ppb
Krypton	83-1						cps
Lead	206-1	2593.19	2575.88	2592.62	2587.23	0.38	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P8
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:11:13	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2603.53	2543.07	2572.17	2572.93	1.18	ppb
Lead	208-1	2600.22	2557.20	2582.68	2580.04	0.84	ppb
Lithium	6-1				90		%
Magnesium	24-2	253341.27	256178.80	252034.08	253851.39	0.83	ppb
Manganese	55-2	4935.50	4925.26	4955.90	4938.89	0.32	ppb
Molybdenum	94-1	4923.07	5062.89	5049.82	5011.93	1.54	ppb
Molybdenum	95-1	4892.91	5049.05	4991.93	4977.96	1.59	ppb
Molybdenum	96-1	4954.81	5008.86	5036.89	5000.19	0.83	ppb
Molybdenum	97-1	5016.99	5025.46	5120.15	5054.20	1.13	ppb
Molybdenum	98-1	4986.71	5005.30	5074.93	5022.32	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	446.86	452.78	451.39	450.34	0.69	ppb
Phosphorus	31-2	9812.05	9974.58	10021.93	9936.19	1.11	ppb
Potassium	39-2	123883.45	125128.08	126265.20	125092.24	0.95	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	480.66	487.54	487.57	485.26	0.82	ppb
Selenium	77-2	500.19	506.35	499.18	501.91	0.77	ppb
Selenium	78-2	494.06	486.62	486.15	488.94	0.91	ppb
Silicon	28-1	514.95	523.46	528.64	522.35	1.32	ppb
Silver	107-1	487.50	482.98	481.37	483.95	0.66	ppb
Silver	109-1	481.48	480.75	485.02	482.41	0.47	ppb
Sodium	23-2	264623.41	266833.29	260589.99	264015.56	1.20	ppb
Strontium	86-1	12648.65	12649.10	12906.35	12734.70	1.17	ppb
Strontium	88-1	12560.49	12817.16	12626.76	12668.14	1.05	ppb
Sulfur	34-1	11471.27	11191.66	11132.24	11265.06	1.61	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	522.19	520.64	513.57	518.80	0.89	ppb
Thallium	205-1	518.48	517.89	520.47	518.95	0.26	ppb
Tin	118-1	505.36	486.07	504.13	498.52	2.17	ppb
Titanium	47-1	5043.98	4986.36	5077.88	5036.07	0.92	ppb
Uranium	238-1	524.41	508.40	514.41	515.74	1.57	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P8
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:11:13	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	511.90	504.93	516.90	511.24	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	4798.31	4814.83	4900.78	4837.97	1.14	ppb
Zirconium	90-1	501.33	513.62	514.05	509.66	1.42	ppb
Zirconium	91-1	498.75	512.59	509.34	506.89	1.43	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P8
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:14:38	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	1.40	1.11	1.22	12.75	ppb
Antimony	121-1	0.10	0.09	0.09	0.09	7.77	ppb
Arsenic	75-2	0.02	-0.02	-0.03	-0.01		ppb
Barium	135-1	-0.06	-0.07	-0.08	-0.07		ppb
Barium	137-1	-0.06	-0.07	-0.08	-0.07		ppb
Beryllium	9-1	0.11	0.11	0.11	0.11	2.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.08	0.10	0.08	23.47	ppb
Cadmium	106-1	0.13	-0.25	0.38	0.09	355.84	ppb
Cadmium	111-1	0.03	0.01	0.04	0.03	72.03	ppb
Calcium	43-1	-21.53	-19.26	-23.95	-21.58		ppb
Calcium	44-1	-20.79	-22.29	-21.25	-21.44		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.04	0.03	28.36	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.00	ppb
Copper	63-2	0.17	0.15	0.15	0.16	4.32	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				102		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	3.30	3.71	4.38	3.80	14.39	ppb
Iron	56-2	3.93	4.16	4.15	4.08	3.09	ppb
Iron	57-2	3.78	3.90	3.45	3.71	6.38	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.11	0.13	11.00	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P8
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:14:38	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.13	0.11	0.12	6.63	ppb
Lead	208-1	0.13	0.12	0.11	0.12	7.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.39	2.46	2.32	2.06	28.42	ppb
Manganese	55-2	0.15	0.17	0.14	0.15	9.43	ppb
Molybdenum	94-1	0.16	0.16	0.15	0.16	5.51	ppb
Molybdenum	95-1	0.15	0.14	0.14	0.14	4.61	ppb
Molybdenum	96-1	0.15	0.14	0.15	0.15	5.25	ppb
Molybdenum	97-1	0.17	0.14	0.14	0.15	10.73	ppb
Molybdenum	98-1	0.14	0.14	0.14	0.14	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.04	0.02	64.73	ppb
Phosphorus	31-2	-31.89	-23.93	-8.46	-21.43		ppb
Potassium	39-2	24.83	27.77	26.12	26.24	5.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	-0.11	-0.08	-0.11	-0.10		ppb
Selenium	77-2	0.00	0.00	0.82	0.27	173.21	ppb
Selenium	78-2	-0.16	-0.37	-0.37	-0.30		ppb
Silicon	28-1	15.98	14.03	13.92	14.64	7.90	ppb
Silver	107-1	0.04	0.04	0.03	0.04	13.64	ppb
Silver	109-1	0.04	0.04	0.03	0.04	14.71	ppb
Sodium	23-2	71.21	71.44	66.56	69.73	3.95	ppb
Strontium	86-1	1.83	0.89	1.20	1.31	36.76	ppb
Strontium	88-1	1.82	1.79	1.58	1.73	7.75	ppb
Sulfur	34-1	-305.45	-356.58	-123.15	-261.73		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.04	0.05	1.41	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	11.87	ppb
Tin	118-1	0.02	0.00	0.03	0.01	71.50	ppb
Titanium	47-1	0.16	0.11	0.13	0.13	20.93	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.09	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P8
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:14:38	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	118.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	0.05	0.15	-0.08	0.04	264.18	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	9.09	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	45.38	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BL	Instrumnet Name :	P8
Client Sample ID :	PBW535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:18:01	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.70	0.31	0.48	42.38	ppb
Antimony	121-1	0.03	0.02	0.03	0.02	8.53	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.02		ppb
Barium	135-1	-0.11	-0.12	-0.11	-0.11		ppb
Barium	137-1	-0.12	-0.12	-0.12	-0.12		ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	5.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.04	0.06	0.04	53.71	ppb
Cadmium	106-1	-0.54	0.65	0.83	0.32	235.43	ppb
Cadmium	111-1	-0.04	0.06	0.06	0.03	225.57	ppb
Calcium	43-1	-27.67	-27.22	-27.05	-27.31		ppb
Calcium	44-1	-28.56	-29.11	-29.41	-29.02		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.03	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	38.75	ppb
Copper	63-2	0.08	0.05	0.08	0.07	20.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	1.15	1.11	1.51	1.26	17.49	ppb
Iron	56-2	1.18	1.00	1.34	1.17	14.69	ppb
Iron	57-2	0.69	0.64	0.28	0.53	41.41	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	14.06	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BL	Instrumnet Name :	P8
Client Sample ID :	PBW535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:18:01	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.03	0.03	0.04	28.90	ppb
Lead	208-1	0.05	0.04	0.04	0.04	14.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	-2.24	-3.24	-2.94	-2.80		ppb
Manganese	55-2	0.04	0.08	0.03	0.05	51.63	ppb
Molybdenum	94-1	0.03	0.04	0.03	0.03	17.51	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	7.08	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	20.25	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	20.44	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	17.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.13	0.05	133.44	ppb
Phosphorus	31-2	-27.26	-27.57	-27.42	-27.42		ppb
Potassium	39-2	19.68	15.13	17.31	17.37	13.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.17	-0.03	0.31	0.15	115.77	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.60	-0.38	0.09	-0.30		ppb
Silicon	28-1	7.71	7.38	7.20	7.43	3.46	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.07	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.04	ppb
Sodium	23-2	58.91	47.65	56.17	54.24	10.82	ppb
Strontium	86-1	0.34	0.71	0.71	0.59	35.98	ppb
Strontium	88-1	0.88	0.74	0.74	0.79	9.83	ppb
Sulfur	34-1	-357.40	-162.23	-310.22	-276.61		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.03	0.03	0.03	0.97	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.30	ppb
Tin	118-1	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.27	0.27	0.26	0.27	2.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.33	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BL	Instrumnet Name :	P8
Client Sample ID :	PBW535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:18:01	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	-0.10	-0.17	-0.18	-0.15		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	65.84	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	68.85	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:22:08	DataFile Name :	050LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.19	42.33	41.53	41.68	1.40	ppb
Antimony	121-1	4.23	4.34	4.35	4.31	1.60	ppb
Arsenic	75-2	2.21	2.20	2.27	2.22	1.74	ppb
Barium	135-1	20.69	20.61	21.03	20.77	1.07	ppb
Barium	137-1	20.99	21.08	20.93	21.00	0.37	ppb
Beryllium	9-1	2.10	2.07	2.15	2.10	1.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	2.16	2.22	2.35	2.24	4.32	ppb
Cadmium	106-1	2.62	2.58	2.49	2.56	2.73	ppb
Cadmium	111-1	2.31	2.22	2.15	2.23	3.64	ppb
Calcium	43-1	1012.70	994.40	1062.97	1023.35	3.47	ppb
Calcium	44-1	1000.56	1020.37	1043.19	1021.37	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.09	3.89	4.04	4.01	2.58	ppb
Cobalt	59-2	2.28	2.20	2.17	2.22	2.55	ppb
Copper	63-2	4.79	4.86	4.81	4.82	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				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	445.56	447.99	442.01	445.19	0.68	ppb
Iron	56-2	436.30	443.09	434.85	438.08	1.00	ppb
Iron	57-2	437.23	427.55	427.87	430.88	1.28	ppb
Krypton	83-1						cps
Lead	206-1	2.04	2.04	2.02	2.03	0.43	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:22:08	DataFile Name :	050LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.05	2.11	2.05	2.07	1.63	ppb
Lead	208-1	2.04	2.07	2.01	2.04	1.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	1038.26	1023.31	1031.44	1031.00	0.73	ppb
Manganese	55-2	2.20	2.13	2.09	2.14	2.48	ppb
Molybdenum	94-1	11.90	11.98	11.71	11.86	1.14	ppb
Molybdenum	95-1	9.94	10.01	10.02	9.99	0.46	ppb
Molybdenum	96-1	10.11	10.35	10.01	10.15	1.74	ppb
Molybdenum	97-1	10.24	10.36	10.06	10.22	1.44	ppb
Molybdenum	98-1	9.99	10.03	9.86	9.96	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.12	2.09	2.11	0.87	ppb
Phosphorus	31-2	18.92	38.26	49.98	35.72	43.90	ppb
Potassium	39-2	1051.41	1048.53	1037.89	1045.94	0.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	11.08	11.08	10.46	10.87	3.30	ppb
Selenium	77-2	15.49	11.43	11.53	12.82	18.08	ppb
Selenium	78-2	13.70	10.19	12.66	12.18	14.78	ppb
Silicon	28-1	26.92	27.71	29.67	28.10	5.03	ppb
Silver	107-1	2.13	2.11	2.20	2.15	2.15	ppb
Silver	109-1	2.09	2.15	2.16	2.14	1.77	ppb
Sodium	23-2	1154.40	1161.22	1142.91	1152.84	0.80	ppb
Strontium	86-1	51.52	51.15	51.38	51.35	0.37	ppb
Strontium	88-1	51.55	52.58	51.37	51.83	1.26	ppb
Sulfur	34-1	-313.27	-234.68	29.40	-172.85		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	2.01	2.04	2.03	2.03	0.83	ppb
Thallium	205-1	2.03	2.07	2.01	2.04	1.54	ppb
Tin	118-1	10.61	10.72	10.87	10.73	1.18	ppb
Titanium	47-1	2.69	2.57	2.83	2.70	4.94	ppb
Uranium	238-1	1.88	1.88	1.88	1.88	0.04	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:22:08	DataFile Name :	050LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.61	10.64	10.56	10.60	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	10.12	10.57	10.54	10.41	2.40	ppb
Zirconium	90-1	1.99	1.98	1.98	1.98	0.20	ppb
Zirconium	91-1	1.99	2.01	1.97	1.99	0.96	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:25:28	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1313.55	1320.12	1330.77	1321.48	0.66	ppb
Antimony	121-1	606.51	608.66	610.84	608.67	0.36	ppb
Arsenic	75-2	650.80	652.06	643.13	648.67	0.75	ppb
Barium	135-1	1246.71	1246.80	1279.99	1257.83	1.53	ppb
Barium	137-1	1238.50	1260.25	1241.08	1246.61	0.95	ppb
Beryllium	9-1	142.36	141.32	143.23	142.30	0.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	563.48	581.58	577.89	574.32	1.67	ppb
Cadmium	106-1	557.40	560.48	561.47	559.78	0.38	ppb
Cadmium	111-1	709.16	711.84	711.77	710.92	0.21	ppb
Calcium	43-1	23.89	24.39	28.62	25.63	10.14	ppb
Calcium	44-1	4.61	5.90	6.85	5.78	19.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	305.84	303.12	308.11	305.69	0.82	ppb
Cobalt	59-2	267.54	256.40	261.25	261.73	2.13	ppb
Copper	63-2	926.67	909.91	928.24	921.61	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				102		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	54-2	2319.83	2322.06	2327.65	2323.18	0.17	ppb
Iron	56-2	2133.12	2102.20	2121.35	2118.89	0.74	ppb
Iron	57-2	2024.18	2024.01	2058.84	2035.68	0.99	ppb
Krypton	83-1						cps
Lead	206-1	736.68	755.58	763.04	751.77	1.81	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:25:28	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	703.85	736.65	718.46	719.65	2.28	ppb
Lead	208-1	727.25	738.84	739.99	735.36	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	-3.45	-4.63	-3.78	-3.95		ppb
Manganese	55-2	755.95	752.54	760.18	756.22	0.51	ppb
Molybdenum	94-1	396.70	400.13	395.04	397.29	0.65	ppb
Molybdenum	95-1	471.62	486.69	475.54	477.95	1.64	ppb
Molybdenum	96-1	464.82	480.09	470.49	471.80	1.64	ppb
Molybdenum	97-1	482.22	496.66	495.19	491.36	1.62	ppb
Molybdenum	98-1	473.53	488.17	486.28	482.66	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.55	536.15	546.15	540.62	0.94	ppb
Phosphorus	31-2	-28.20	-21.31	-26.03	-25.18		ppb
Potassium	39-2	14.80	13.86	14.26	14.31	3.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	248.34	256.78	257.04	254.05	1.95	ppb
Selenium	77-2	249.08	286.75	250.13	261.99	8.19	ppb
Selenium	78-2	254.05	250.27	249.15	251.16	1.02	ppb
Silicon	28-1	4.15	4.09	3.91	4.05	3.13	ppb
Silver	107-1	778.48	788.91	768.94	778.78	1.28	ppb
Silver	109-1	766.82	784.03	767.89	772.91	1.25	ppb
Sodium	23-2	48.70	49.21	50.99	49.63	2.43	ppb
Strontium	86-1	1444.65	1485.32	1480.51	1470.16	1.51	ppb
Strontium	88-1	1499.04	1558.28	1521.42	1526.25	1.96	ppb
Sulfur	34-1	-693.68	-818.55	-989.77	-834.00		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	721.71	741.39	750.25	737.78	1.98	ppb
Thallium	205-1	733.90	736.76	749.08	739.91	1.09	ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.32	0.34	0.29	0.32	7.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	63.41	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:25:28	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1706.62	1656.17	1717.33	1693.37	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	1027.21	1025.46	1036.02	1029.56	0.55	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	3.15	ppb
Zirconium	91-1	0.32	0.33	0.29	0.31	6.66	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:28:31	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3554.34	3549.98	3497.91	3534.08	0.89	ppb
Antimony	121-1	837.25	850.05	845.98	844.43	0.77	ppb
Arsenic	75-2	331.45	331.09	333.60	332.05	0.41	ppb
Barium	135-1	625.86	615.20	616.53	619.20	0.94	ppb
Barium	137-1	626.99	604.19	620.87	617.35	1.91	ppb
Beryllium	9-1	149.40	153.61	147.69	150.23	2.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	249.59	247.06	253.81	250.16	1.36	ppb
Cadmium	106-1	240.80	235.72	236.46	237.66	1.15	ppb
Cadmium	111-1	290.16	289.89	294.16	291.40	0.82	ppb
Calcium	43-1	21.93	26.46	23.64	24.01	9.53	ppb
Calcium	44-1	0.29	3.42	2.88	2.20	76.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	382.45	368.48	375.71	375.55	1.86	ppb
Cobalt	59-2	834.93	829.81	824.98	829.90	0.60	ppb
Copper	63-2	242.73	241.68	239.62	241.35	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	54-2	3315.27	3307.15	3281.45	3301.29	0.53	ppb
Iron	56-2	3097.26	3094.17	3103.05	3098.16	0.15	ppb
Iron	57-2	2986.57	2952.26	2963.05	2967.29	0.59	ppb
Krypton	83-1						cps
Lead	206-1	966.34	984.23	973.78	974.78	0.92	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:28:31	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	936.61	929.99	950.32	938.97	1.10	ppb
Lead	208-1	952.75	952.45	964.47	956.56	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	-3.37	-2.91	-3.02	-3.10		ppb
Manganese	55-2	646.07	640.14	643.19	643.13	0.46	ppb
Molybdenum	94-1	472.38	483.21	477.21	477.60	1.14	ppb
Molybdenum	95-1	576.76	572.91	584.94	578.20	1.06	ppb
Molybdenum	96-1	574.66	573.90	572.81	573.79	0.16	ppb
Molybdenum	97-1	585.56	594.61	585.16	588.44	0.91	ppb
Molybdenum	98-1	571.89	587.47	580.32	579.89	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1950.59	1887.16	1923.61	1920.45	1.66	ppb
Phosphorus	31-2	-28.07	-29.19	-27.30	-28.19		ppb
Potassium	39-2	11.96	14.24	13.39	13.20	8.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	694.48	692.96	687.05	691.50	0.57	ppb
Selenium	77-2	713.25	741.47	659.88	704.87	5.88	ppb
Selenium	78-2	682.43	689.78	682.91	685.04	0.60	ppb
Silicon	28-1	2.28	3.58	3.46	3.11	23.10	ppb
Silver	107-1	1026.53	994.81	1010.81	1010.71	1.57	ppb
Silver	109-1	1010.31	1006.69	1030.47	1015.82	1.26	ppb
Sodium	23-2	53.00	49.98	49.67	50.88	3.62	ppb
Strontium	86-1	1847.38	1870.03	1868.09	1861.84	0.67	ppb
Strontium	88-1	1922.09	1946.45	1935.55	1934.69	0.63	ppb
Sulfur	34-1	-1216.53	-1021.65	-1138.76	-1125.64		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	180.01	181.06	176.97	179.35	1.19	ppb
Thallium	205-1	178.24	177.86	176.51	177.53	0.51	ppb
Tin	118-1	0.02	0.01	0.02	0.02	59.10	ppb
Titanium	47-1	0.31	0.32	0.35	0.33	6.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	114.69	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:28:31	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	83.65	82.17	83.84	83.22	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	1273.63	1269.39	1263.99	1269.00	0.38	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.01	ppb
Zirconium	91-1	0.14	0.15	0.15	0.15	1.62	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-05	Instrumnet Name :	P8
Client Sample ID :	A6327	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:31:33	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3491.46	3503.43	3467.78	3487.56	0.52	ppb
Antimony	121-1	0.45	0.44	0.41	0.43	4.40	ppb
Arsenic	75-2	13.06	13.43	12.23	12.91	4.77	ppb
Barium	135-1	20.62	21.26	20.84	20.91	1.55	ppb
Barium	137-1	21.06	21.31	21.00	21.12	0.78	ppb
Beryllium	9-1	0.27	0.27	0.26	0.27	3.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.23	0.17	0.24	0.22	17.05	ppb
Cadmium	106-1	-0.39	0.32	0.37	0.10	421.34	ppb
Cadmium	111-1	0.06	0.12	0.14	0.11	37.61	ppb
Calcium	43-1	31144.41	31658.46	30795.36	31199.41	1.39	ppb
Calcium	44-1	30796.38	30979.34	30676.87	30817.53	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.42	6.44	6.41	6.42	0.23	ppb
Cobalt	59-2	2.14	2.15	2.11	2.13	1.11	ppb
Copper	63-2	3.03	3.13	3.02	3.06	1.96	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				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	54-2	7891.98	7745.06	7713.79	7783.61	1.22	ppb
Iron	56-2	8173.69	8088.45	7963.90	8075.35	1.31	ppb
Iron	57-2	7768.66	7623.57	7620.52	7670.92	1.10	ppb
Krypton	83-1						cps
Lead	206-1	8.89	8.78	8.80	8.82	0.66	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-05	Instrumnet Name :	P8
Client Sample ID :	A6327	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:31:33	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	8.52	8.40	8.47	8.46	0.69	ppb
Lead	208-1	8.66	8.59	8.58	8.61	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	10793.95	10766.55	10665.50	10742.00	0.63	ppb
Manganese	55-2	148.46	144.99	144.82	146.09	1.41	ppb
Molybdenum	94-1	0.86	0.83	0.86	0.85	2.10	ppb
Molybdenum	95-1	0.21	0.20	0.20	0.20	4.40	ppb
Molybdenum	96-1	0.27	0.27	0.27	0.27	0.85	ppb
Molybdenum	97-1	0.21	0.21	0.20	0.20	3.77	ppb
Molybdenum	98-1	0.21	0.19	0.19	0.20	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.87	6.94	6.87	6.89	0.59	ppb
Phosphorus	31-2	267.01	235.32	270.10	257.48	7.48	ppb
Potassium	39-2	886.06	886.05	877.77	883.29	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.44	0.62	0.68	0.58	21.58	ppb
Selenium	77-2	4.25	3.39	8.14	5.26	48.12	ppb
Selenium	78-2	1.85	1.11	1.73	1.56	25.42	ppb
Silicon	28-1	6873.41	6948.87	6768.52	6863.60	1.32	ppb
Silver	107-1	0.14	0.14	0.13	0.14	5.73	ppb
Silver	109-1	0.16	0.14	0.14	0.14	6.34	ppb
Sodium	23-2	5471.36	5501.01	5287.80	5420.06	2.13	ppb
Strontium	86-1	2719.05	2708.36	2664.99	2697.47	1.06	ppb
Strontium	88-1	2804.71	2830.72	2719.99	2785.14	2.08	ppb
Sulfur	34-1	3626.15	3717.85	3926.13	3756.71	4.09	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.10	0.10	0.10	0.10	1.80	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	4.21	ppb
Tin	118-1	0.04	0.02	0.02	0.03	38.68	ppb
Titanium	47-1	139.56	139.36	139.86	139.59	0.18	ppb
Uranium	238-1	0.65	0.64	0.65	0.64	1.35	ppb

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-05	Instrumnet Name :	P8
Client Sample ID :	A6327	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:31:33	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	7.13	7.05	6.99	7.06	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	22.24	21.02	21.39	21.55	2.90	ppb
Zirconium	90-1	0.35	0.45	0.36	0.39	13.42	ppb
Zirconium	91-1	0.39	0.32	0.35	0.35	9.66	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-06	Instrumnet Name :	P8
Client Sample ID :	A6328	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:34:51	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.44	17.07	17.37	17.96	7.20	ppb
Antimony	121-1	0.18	0.18	0.18	0.18	1.27	ppb
Arsenic	75-2	1.24	1.46	1.49	1.40	9.95	ppb
Barium	135-1	6.48	6.49	6.54	6.50	0.45	ppb
Barium	137-1	6.76	6.59	6.66	6.67	1.33	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	5.48	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.04	0.14	0.10	57.01	ppb
Cadmium	106-1	0.96	0.46	0.08	0.50	89.01	ppb
Cadmium	111-1	0.08	0.05	0.02	0.05	65.93	ppb
Calcium	43-1	55543.93	56301.52	58051.48	56632.31	2.27	ppb
Calcium	44-1	56377.91	56339.30	56707.73	56474.98	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.72	0.65	0.69	0.69	5.02	ppb
Cobalt	59-2	0.13	0.11	0.12	0.12	7.31	ppb
Copper	63-2	0.52	0.42	0.50	0.48	10.79	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				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	54-2	136.10	129.36	135.44	133.64	2.78	ppb
Iron	56-2	134.63	132.11	134.09	133.61	0.99	ppb
Iron	57-2	129.87	127.76	133.93	130.52	2.40	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.11	0.11	5.08	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-06	Instrumnet Name :	P8
Client Sample ID :	A6328	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:34:51	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.10	0.10	0.10	7.37	ppb
Lead	208-1	0.11	0.10	0.10	0.11	5.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	19117.45	18952.68	19138.04	19069.39	0.53	ppb
Manganese	55-2	65.69	64.29	66.51	65.50	1.71	ppb
Molybdenum	94-1	0.17	0.17	0.17	0.17	1.44	ppb
Molybdenum	95-1	0.17	0.16	0.17	0.17	3.83	ppb
Molybdenum	96-1	0.17	0.16	0.18	0.17	4.58	ppb
Molybdenum	97-1	0.17	0.15	0.16	0.16	6.46	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.16	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.53	0.64	0.57	9.52	ppb
Phosphorus	31-2	50.48	43.08	36.70	43.42	15.89	ppb
Potassium	39-2	3924.97	3872.60	3939.09	3912.22	0.90	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	-0.05	0.39	0.04	0.13	179.99	ppb
Selenium	77-2	0.00	0.82	0.84	0.55	86.61	ppb
Selenium	78-2	0.37	0.10	0.12	0.20	75.03	ppb
Silicon	28-1	7062.09	6902.05	6979.34	6981.16	1.15	ppb
Silver	107-1	0.03	0.04	0.04	0.04	3.26	ppb
Silver	109-1	0.03	0.03	0.04	0.04	1.60	ppb
Sodium	23-2	63493.24	61765.61	62543.22	62600.69	1.38	ppb
Strontium	86-1	6821.32	6741.74	6898.66	6820.57	1.15	ppb
Strontium	88-1	6751.77	6776.05	6691.57	6739.80	0.65	ppb
Sulfur	34-1	12201.18	12005.89	12241.87	12149.65	1.04	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.09	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.44	ppb
Tin	118-1	0.27	0.27	0.27	0.27	0.75	ppb
Titanium	47-1	1.13	1.16	1.20	1.16	2.82	ppb
Uranium	238-1	0.37	0.38	0.38	0.38	2.11	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-06	Instrumnet Name :	P8
Client Sample ID :	A6328	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:34:51	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.26	0.25	0.26	3.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	1.31	1.36	1.38	1.35	2.53	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	11.14	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	12.88	ppb

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-07	Instrumnet Name :	P8
Client Sample ID :	A6329	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:38:06	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.36	14.75	18.08	16.06	11.04	ppb
Antimony	121-1	0.13	0.14	0.13	0.13	4.09	ppb
Arsenic	75-2	1.20	1.33	1.37	1.30	6.82	ppb
Barium	135-1	5.93	5.88	6.20	6.00	2.83	ppb
Barium	137-1	5.86	5.98	6.20	6.01	2.91	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	8.38	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.03	0.07	0.05	46.84	ppb
Cadmium	106-1	0.03	0.54	-0.40	0.06	826.34	ppb
Cadmium	111-1	0.01	0.04	-0.03	0.01	387.33	ppb
Calcium	43-1	52251.84	53176.66	53618.95	53015.82	1.32	ppb
Calcium	44-1	51727.79	52600.14	52952.22	52426.71	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.38	0.40	0.39	2.60	ppb
Cobalt	59-2	0.11	0.11	0.12	0.11	1.67	ppb
Copper	63-2	0.44	0.44	0.45	0.44	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	54-2	98.33	101.50	105.40	101.74	3.48	ppb
Iron	56-2	99.21	98.27	101.77	99.75	1.81	ppb
Iron	57-2	97.70	104.36	101.48	101.18	3.30	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.07	0.07	7.76	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-07	Instrumnet Name :	P8
Client Sample ID :	A6329	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:38:06	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.06	0.07	0.06	2.02	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	17298.95	17325.22	17683.36	17435.84	1.23	ppb
Manganese	55-2	54.09	54.14	56.07	54.77	2.06	ppb
Molybdenum	94-1	0.13	0.15	0.14	0.14	7.92	ppb
Molybdenum	95-1	0.14	0.12	0.13	0.13	9.37	ppb
Molybdenum	96-1	0.13	0.12	0.12	0.13	5.99	ppb
Molybdenum	97-1	0.13	0.13	0.13	0.13	2.92	ppb
Molybdenum	98-1	0.13	0.14	0.13	0.13	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.46	0.47	0.46	3.32	ppb
Phosphorus	31-2	16.54	24.37	38.72	26.54	42.38	ppb
Potassium	39-2	3486.61	3493.36	3589.09	3523.02	1.63	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	0.20	0.07	0.26	0.18	56.20	ppb
Selenium	77-2	0.85	0.87	0.86	0.86	1.15	ppb
Selenium	78-2	-0.35	-0.09	-0.35	-0.26		ppb
Silicon	28-1	6368.69	6470.52	6403.36	6414.19	0.81	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.61	ppb
Silver	109-1	0.01	0.01	0.02	0.02	19.21	ppb
Sodium	23-2	57349.63	56145.80	58104.39	57199.94	1.73	ppb
Strontium	86-1	5908.86	6053.09	6207.48	6056.48	2.47	ppb
Strontium	88-1	6221.41	6234.71	6359.57	6271.90	1.22	ppb
Sulfur	34-1	11392.25	11049.92	12019.89	11487.35	4.28	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.03	0.02	0.03	21.46	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	5.73	ppb
Tin	118-1	0.13	0.11	0.10	0.11	14.96	ppb
Titanium	47-1	1.09	1.06	0.97	1.04	6.01	ppb
Uranium	238-1	0.34	0.34	0.34	0.34	1.13	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-07	Instrumnet Name :	P8
Client Sample ID :	A6329	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:38:06	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.23	0.26	0.22	0.24	9.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.82	0.98	0.72	0.84	15.87	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	18.75	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	38.29	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-08	Instrumnet Name :	P8
Client Sample ID :	A6330	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:41:25	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	158.04	151.67	164.18	157.96	3.96	ppb
Antimony	121-1	0.27	0.29	0.28	0.28	4.10	ppb
Arsenic	75-2	6.51	6.57	6.46	6.51	0.91	ppb
Barium	135-1	8.53	8.47	8.52	8.51	0.39	ppb
Barium	137-1	8.53	8.56	8.60	8.56	0.38	ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	19.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.13	0.00	0.07	101.13	ppb
Cadmium	106-1	-0.58	-0.26	-0.02	-0.29		ppb
Cadmium	111-1	-0.02	0.01	0.03	0.00	611.82	ppb
Calcium	43-1	41207.42	41689.42	41735.24	41544.03	0.70	ppb
Calcium	44-1	40585.24	41047.20	41758.40	41130.28	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.26	1.22	1.30	1.26	3.38	ppb
Cobalt	59-2	0.42	0.42	0.43	0.42	2.03	ppb
Copper	63-2	1.33	1.32	1.38	1.34	2.22	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				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	54-2	4026.00	4005.22	4113.02	4048.08	1.41	ppb
Iron	56-2	4176.19	4156.40	4186.22	4172.94	0.36	ppb
Iron	57-2	3990.38	3962.58	4035.96	3996.31	0.93	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.52	0.53	0.53	1.63	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-08	Instrumnet Name :	P8
Client Sample ID :	A6330	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:41:25	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.53	0.49	0.49	0.50	4.42	ppb
Lead	208-1	0.52	0.50	0.51	0.51	1.53	ppb
Lithium	6-1				96		%
Magnesium	24-2	18148.71	17636.60	18149.48	17978.26	1.65	ppb
Manganese	55-2	506.27	505.09	516.56	509.31	1.24	ppb
Molybdenum	94-1	0.26	0.28	0.27	0.27	2.33	ppb
Molybdenum	95-1	0.23	0.23	0.20	0.22	7.90	ppb
Molybdenum	96-1	0.23	0.22	0.22	0.22	1.47	ppb
Molybdenum	97-1	0.21	0.21	0.21	0.21	1.74	ppb
Molybdenum	98-1	0.22	0.22	0.22	0.22	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.06	1.10	1.07	3.05	ppb
Phosphorus	31-2	152.25	154.74	153.58	153.52	0.81	ppb
Potassium	39-2	2618.79	2628.28	2690.31	2645.80	1.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.28	0.25	-0.07	0.15	127.68	ppb
Selenium	77-2	0.00	2.56	1.74	1.43	91.26	ppb
Selenium	78-2	-0.10	0.39	-0.34	-0.02		ppb
Silicon	28-1	6722.28	6682.25	6710.79	6705.10	0.31	ppb
Silver	107-1	0.03	0.04	0.04	0.04	8.60	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.47	ppb
Sodium	23-2	19527.10	19614.00	19722.72	19621.27	0.50	ppb
Strontium	86-1	4131.14	4208.26	4124.96	4154.79	1.12	ppb
Strontium	88-1	4325.60	4396.81	4248.55	4323.65	1.72	ppb
Sulfur	34-1	9587.74	10191.48	9988.49	9922.57	3.10	ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.17	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.33	ppb
Tin	118-1	0.25	0.28	0.26	0.26	5.62	ppb
Titanium	47-1	7.23	7.13	7.21	7.19	0.77	ppb
Uranium	238-1	0.24	0.24	0.24	0.24	0.99	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-08	Instrumnet Name :	P8
Client Sample ID :	A6330	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:41:25	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.51	0.51	0.51	0.51	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	5.04	5.01	4.91	4.99	1.34	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	7.61	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	7.83	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09	Instrumnet Name :	P8
Client Sample ID :	A6335	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:44:40	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1437.17	1717.20	1471.94	1542.10	9.90	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	2.80	ppb
Arsenic	75-2	2.23	2.97	2.99	2.73	15.86	ppb
Barium	135-1	20.06	20.39	20.20	20.22	0.81	ppb
Barium	137-1	20.27	20.57	20.37	20.40	0.76	ppb
Beryllium	9-1	0.09	0.09	0.10	0.09	2.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.05	0.06	0.08	45.17	ppb
Cadmium	106-1	-0.52	-0.47	-0.49	-0.49		ppb
Cadmium	111-1	0.00	0.01	0.01	0.01	72.24	ppb
Calcium	43-1	11213.22	11215.20	11470.00	11299.47	1.31	ppb
Calcium	44-1	11727.14	11722.08	11659.46	11702.90	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.80	3.43	2.79	3.01	12.22	ppb
Cobalt	59-2	0.85	0.95	0.84	0.88	7.27	ppb
Copper	63-2	1.97	2.41	2.00	2.13	11.53	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				100		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				86		%
Iron	54-2	2306.70	2727.99	2340.00	2458.23	9.53	ppb
Iron	56-2	2347.82	2821.15	2405.76	2524.91	10.23	ppb
Iron	57-2	2292.35	2694.95	2335.59	2440.96	9.05	ppb
Krypton	83-1						cps
Lead	206-1	4.99	5.04	5.08	5.03	0.89	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09	Instrumnet Name :	P8
Client Sample ID :	A6335	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:44:40	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.86	4.94	5.01	4.94	1.50	ppb
Lead	208-1	4.96	4.99	5.03	4.99	0.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	2729.35	3236.95	2785.54	2917.28	9.54	ppb
Manganese	55-2	418.08	500.50	425.09	447.89	10.20	ppb
Molybdenum	94-1	0.28	0.28	0.30	0.29	4.74	ppb
Molybdenum	95-1	0.16	0.19	0.17	0.18	9.66	ppb
Molybdenum	96-1	0.19	0.19	0.20	0.19	2.86	ppb
Molybdenum	97-1	0.16	0.19	0.19	0.18	7.57	ppb
Molybdenum	98-1	0.19	0.18	0.19	0.19	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.63	2.12	2.26	14.28	ppb
Phosphorus	31-2	95.50	156.54	121.86	124.63	24.56	ppb
Potassium	39-2	2439.93	2935.43	2502.42	2625.93	10.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	82-1	-0.21	0.27	0.39	0.15	211.23	ppb
Selenium	77-2	0.84	3.02	1.71	1.86	59.17	ppb
Selenium	78-2	-0.12	-0.26	1.12	0.25	308.79	ppb
Silicon	28-1	4213.76	4225.31	4262.56	4233.87	0.60	ppb
Silver	107-1	0.01	0.02	0.02	0.01	7.47	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.86	ppb
Sodium	23-2	31012.56	36451.77	31528.36	32997.56	9.10	ppb
Strontium	86-1	1419.79	1459.99	1450.86	1443.55	1.46	ppb
Strontium	88-1	1504.03	1531.33	1540.11	1525.16	1.23	ppb
Sulfur	34-1	4187.69	4276.42	4143.67	4202.59	1.61	ppb
Terbium	159-1				101		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.95	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.88	ppb
Tin	118-1	0.34	0.32	0.35	0.34	4.54	ppb
Titanium	47-1	49.67	50.54	50.75	50.32	1.14	ppb
Uranium	238-1	0.15	0.15	0.14	0.15	2.67	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09	Instrumnet Name :	P8
Client Sample ID :	A6335	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:44:40	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.73	3.20	2.69	2.88	9.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	13.11	15.83	12.96	13.97	11.59	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	7.83	ppb
Zirconium	91-1	0.07	0.07	0.08	0.07	10.46	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-10	Instrumnet Name :	P8
Client Sample ID :	A6335D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:47:57	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1520.83	1446.50	1450.46	1472.60	2.84	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	3.61	ppb
Arsenic	75-2	2.15	2.41	2.55	2.37	8.57	ppb
Barium	135-1	19.99	20.83	20.19	20.34	2.17	ppb
Barium	137-1	20.48	20.86	21.44	20.93	2.31	ppb
Beryllium	9-1	0.10	0.07	0.09	0.09	13.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.10	0.13	0.12	12.54	ppb
Cadmium	106-1	-0.42	-0.37	-0.74	-0.51		ppb
Cadmium	111-1	0.01	0.02	-0.01	0.01	181.08	ppb
Calcium	43-1	11184.04	11457.16	11264.93	11302.04	1.24	ppb
Calcium	44-1	11635.95	11816.11	11455.27	11635.78	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.85	2.67	2.79	2.77	3.45	ppb
Cobalt	59-2	0.92	0.84	0.83	0.86	5.76	ppb
Copper	63-2	1.85	1.88	1.91	1.88	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	54-2	2395.16	2317.98	2341.46	2351.53	1.68	ppb
Iron	56-2	2474.56	2361.57	2398.83	2411.65	2.39	ppb
Iron	57-2	2369.83	2298.19	2306.45	2324.82	1.69	ppb
Krypton	83-1						cps
Lead	206-1	5.11	5.14	5.15	5.13	0.37	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-10	Instrumnet Name :	P8
Client Sample ID :	A6335D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:47:57	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.88	5.03	4.99	4.97	1.59	ppb
Lead	208-1	4.94	5.05	5.03	5.01	1.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	2806.78	2734.79	2736.90	2759.49	1.48	ppb
Manganese	55-2	431.22	417.17	419.88	422.76	1.76	ppb
Molybdenum	94-1	0.33	0.30	0.30	0.31	5.61	ppb
Molybdenum	95-1	0.17	0.18	0.16	0.17	3.85	ppb
Molybdenum	96-1	0.20	0.19	0.20	0.20	4.77	ppb
Molybdenum	97-1	0.19	0.17	0.18	0.18	5.45	ppb
Molybdenum	98-1	0.18	0.17	0.18	0.18	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	2.13	2.07	2.06	3.88	ppb
Phosphorus	31-2	107.60	103.82	111.73	107.72	3.67	ppb
Potassium	39-2	2486.94	2445.86	2465.83	2466.21	0.83	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.23	0.09	0.41	0.25	65.09	ppb
Selenium	77-2	1.74	0.00	0.00	0.58	173.21	ppb
Selenium	78-2	-0.09	-0.84	0.13	-0.27		ppb
Silicon	28-1	4665.48	4473.18	4245.80	4461.49	4.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.99	ppb
Sodium	23-2	31601.12	31105.95	30517.58	31074.88	1.75	ppb
Strontium	86-1	1458.46	1467.83	1473.92	1466.74	0.53	ppb
Strontium	88-1	1504.62	1527.10	1548.67	1526.80	1.44	ppb
Sulfur	34-1	3819.33	4129.35	3798.07	3915.58	4.74	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.10	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	0.95	ppb
Tin	118-1	0.26	0.29	0.26	0.27	5.10	ppb
Titanium	47-1	50.98	52.42	50.93	51.44	1.64	ppb
Uranium	238-1	0.15	0.15	0.16	0.15	0.40	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-10	Instrumnet Name :	P8
Client Sample ID :	A6335D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:47:57	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.78	2.74	2.74	2.75	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	12.84	11.64	12.44	12.31	4.97	ppb
Zirconium	90-1	0.11	0.08	0.13	0.11	25.39	ppb
Zirconium	91-1	0.09	0.08	0.07	0.08	13.07	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09LX5	Instrumnet Name :	P8
Client Sample ID :	A6335L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:51:12	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	297.42	291.05	304.86	297.78	2.32	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	22.94	ppb
Arsenic	75-2	0.40	0.46	0.59	0.48	20.01	ppb
Barium	135-1	3.98	4.03	4.16	4.06	2.34	ppb
Barium	137-1	3.89	4.08	4.10	4.03	2.86	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	9.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.05	0.04	0.05	19.83	ppb
Cadmium	106-1	-0.64	-0.29	0.07	-0.28		ppb
Cadmium	111-1	-0.04	-0.01	0.02	-0.01		ppb
Calcium	43-1	2221.37	2262.19	2256.54	2246.70	0.98	ppb
Calcium	44-1	2287.13	2309.98	2377.64	2324.92	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.79	1.84	1.94	1.86	4.11	ppb
Cobalt	59-2	0.19	0.20	0.20	0.19	3.68	ppb
Copper	63-2	2.86	2.89	2.81	2.85	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	54-2	490.31	499.19	517.92	502.47	2.81	ppb
Iron	56-2	491.63	497.40	512.98	500.67	2.21	ppb
Iron	57-2	484.84	487.50	507.34	493.23	2.49	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.95	0.97	0.95	1.07	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09LX5	Instrumnet Name :	P8
Client Sample ID :	A6335L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:51:12	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.89	0.94	0.95	0.93	3.19	ppb
Lead	208-1	0.92	0.94	0.94	0.94	1.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	540.61	552.95	569.17	554.24	2.58	ppb
Manganese	55-2	86.83	86.74	88.93	87.50	1.42	ppb
Molybdenum	94-1	0.07	0.05	0.04	0.05	26.74	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.04	8.78	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	5.35	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	19.69	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	15.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.96	0.99	0.97	1.64	ppb
Phosphorus	31-2	7.79	-4.51	16.96	6.75	159.65	ppb
Potassium	39-2	500.43	506.64	527.69	511.59	2.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.39	0.02	0.00	0.14	160.52	ppb
Selenium	77-2	0.83	1.69	0.85	1.13	43.44	ppb
Selenium	78-2	-0.12	-0.84	-0.60	-0.52		ppb
Silicon	28-1	814.97	834.14	857.70	835.60	2.56	ppb
Silver	107-1	0.00	0.00	0.00	0.00	80.15	ppb
Silver	109-1	0.00	0.00	0.00	0.00	17.69	ppb
Sodium	23-2	6250.83	6302.43	6575.76	6376.34	2.74	ppb
Strontium	86-1	288.29	290.37	293.81	290.82	0.96	ppb
Strontium	88-1	286.97	291.74	291.76	290.16	0.95	ppb
Sulfur	34-1	417.53	669.84	542.36	543.24	23.22	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.01	0.01	0.97	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	14.03	ppb
Tin	118-1	-0.02	-0.01	0.01	-0.01		ppb
Titanium	47-1	10.10	10.05	9.93	10.03	0.89	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	1.12	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09LX5	Instrumnet Name :	P8
Client Sample ID :	A6335L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:51:12	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.57	0.59	0.57	0.58	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	2.73	2.91	3.00	2.88	4.75	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.93	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	19.19	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-11	Instrumnet Name :	P8
Client Sample ID :	A6335S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:54:32	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3447.49	3461.79	3476.57	3461.95	0.42	ppb
Antimony	121-1	110.68	108.56	110.31	109.85	1.03	ppb
Arsenic	75-2	45.58	43.72	43.79	44.36	2.38	ppb
Barium	135-1	2115.27	2135.76	2112.98	2121.34	0.59	ppb
Barium	137-1	2126.11	2136.13	2116.00	2126.08	0.47	ppb
Beryllium	9-1	51.89	50.93	51.39	51.40	0.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	43.84	45.47	44.44	44.58	1.85	ppb
Cadmium	106-1	43.41	42.35	42.79	42.85	1.24	ppb
Cadmium	111-1	51.95	52.88	52.88	52.57	1.02	ppb
Calcium	43-1	11077.53	11178.67	11273.17	11176.46	0.88	ppb
Calcium	44-1	11411.99	11618.35	11519.63	11516.66	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.11	210.79	211.12	210.67	0.24	ppb
Cobalt	59-2	558.09	544.92	550.71	551.24	1.20	ppb
Copper	63-2	277.18	277.17	279.83	278.06	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				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	54-2	3595.22	3581.79	3626.17	3601.06	0.63	ppb
Iron	56-2	3508.58	3500.31	3543.33	3517.41	0.65	ppb
Iron	57-2	3378.96	3351.28	3401.77	3377.33	0.75	ppb
Krypton	83-1						cps
Lead	206-1	25.30	25.82	25.96	25.69	1.35	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-11	Instrumnet Name :	P8
Client Sample ID :	A6335S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:54:32	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	25.19	25.83	25.84	25.62	1.45	ppb
Lead	208-1	25.24	25.90	26.03	25.72	1.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	2757.77	2773.75	2806.18	2779.23	0.89	ppb
Manganese	55-2	947.18	963.26	990.64	967.03	2.27	ppb
Molybdenum	94-1	0.28	0.32	0.33	0.31	7.74	ppb
Molybdenum	95-1	0.19	0.20	0.20	0.19	4.12	ppb
Molybdenum	96-1	0.20	0.21	0.21	0.21	4.14	ppb
Molybdenum	97-1	0.19	0.19	0.19	0.19	0.46	ppb
Molybdenum	98-1	0.18	0.19	0.18	0.18	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.19	524.38	532.80	526.46	1.06	ppb
Phosphorus	31-2	110.34	107.53	109.07	108.98	1.29	ppb
Potassium	39-2	2453.95	2490.60	2502.02	2482.19	1.01	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	19.89	23.09	20.91	21.30	7.68	ppb
Selenium	77-2	16.05	27.93	18.57	20.85	30.03	ppb
Selenium	78-2	28.57	19.61	18.10	22.09	25.61	ppb
Silicon	28-1	4107.23	4122.14	4175.57	4134.98	0.87	ppb
Silver	107-1	49.30	50.44	50.10	49.95	1.18	ppb
Silver	109-1	49.70	50.24	50.55	50.16	0.86	ppb
Sodium	23-2	31279.25	31352.12	31742.08	31457.82	0.79	ppb
Strontium	86-1	1413.80	1465.77	1466.17	1448.58	2.08	ppb
Strontium	88-1	1484.77	1561.54	1534.15	1526.82	2.55	ppb
Sulfur	34-1	3742.39	3684.49	3697.74	3708.20	0.82	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	50.26	51.01	51.30	50.86	1.05	ppb
Thallium	205-1	54.13	53.43	54.18	53.91	0.78	ppb
Tin	118-1	0.26	0.27	0.27	0.27	2.20	ppb
Titanium	47-1	49.15	49.99	50.34	49.83	1.22	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	0.59	ppb

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-11	Instrumnet Name :	P8
Client Sample ID :	A6335S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:54:32	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	537.04	534.38	540.68	537.37	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	539.68	542.86	543.14	541.90	0.35	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.95	ppb
Zirconium	91-1	0.11	0.11	0.11	0.11	2.75	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-12	Instrumnet Name :	P8
Client Sample ID :	A6336	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:57:41	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.28	1032.87	1016.89	1020.68	1.06	ppb
Antimony	121-1	0.13	0.14	0.13	0.13	3.51	ppb
Arsenic	75-2	5.68	5.11	5.91	5.57	7.40	ppb
Barium	135-1	42.77	43.06	42.88	42.90	0.34	ppb
Barium	137-1	43.44	43.71	42.64	43.26	1.30	ppb
Beryllium	9-1	0.10	0.10	0.10	0.10	0.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.09	0.09	0.10	6.98	ppb
Cadmium	106-1	0.47	-0.45	0.82	0.28	235.44	ppb
Cadmium	111-1	0.11	0.06	0.13	0.10	34.53	ppb
Calcium	43-1	15469.10	15483.13	15669.21	15540.48	0.72	ppb
Calcium	44-1	15953.46	15928.63	16068.74	15983.61	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.98	1.86	1.92	3.13	ppb
Cobalt	59-2	3.44	3.42	3.28	3.38	2.60	ppb
Copper	63-2	2.28	2.29	2.25	2.28	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				96		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	10706.87	11023.91	10437.47	10722.75	2.74	ppb
Iron	56-2	10786.88	10876.80	10458.43	10707.37	2.06	ppb
Iron	57-2	10201.95	10294.94	10146.81	10214.57	0.73	ppb
Krypton	83-1						cps
Lead	206-1	3.71	3.81	3.83	3.78	1.67	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-12	Instrumnet Name :	P8
Client Sample ID :	A6336	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:57:41	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.62	3.71	3.65	3.66	1.22	ppb
Lead	208-1	3.68	3.74	3.70	3.71	0.76	ppb
Lithium	6-1				96		%
Magnesium	24-2	3418.56	3444.63	3363.15	3408.78	1.22	ppb
Manganese	55-2	2979.79	3011.48	2918.88	2970.05	1.58	ppb
Molybdenum	94-1	0.34	0.35	0.36	0.35	3.63	ppb
Molybdenum	95-1	0.21	0.22	0.19	0.21	5.38	ppb
Molybdenum	96-1	0.23	0.24	0.22	0.23	3.82	ppb
Molybdenum	97-1	0.22	0.24	0.23	0.23	3.10	ppb
Molybdenum	98-1	0.20	0.20	0.21	0.21	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.68	2.68	2.56	2.64	2.58	ppb
Phosphorus	31-2	137.73	156.62	164.54	152.96	9.00	ppb
Potassium	39-2	3066.91	3104.93	3042.21	3071.35	1.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.07	0.27	0.09	0.14	77.06	ppb
Selenium	77-2	1.67	2.56	1.67	1.97	26.15	ppb
Selenium	78-2	-0.12	-0.35	-0.36	-0.28		ppb
Silicon	28-1	4145.78	4214.66	4180.77	4180.40	0.82	ppb
Silver	107-1	0.04	0.03	0.04	0.04	4.91	ppb
Silver	109-1	0.04	0.03	0.03	0.03	14.66	ppb
Sodium	23-2	37856.95	37868.58	36800.02	37508.52	1.64	ppb
Strontium	86-1	2039.13	2055.65	2066.18	2053.65	0.66	ppb
Strontium	88-1	2126.68	2123.87	2119.38	2123.31	0.17	ppb
Sulfur	34-1	4319.44	4340.76	4406.79	4355.66	1.05	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.05	0.04	0.04	10.40	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.81	ppb
Tin	118-1	0.09	0.11	0.08	0.09	12.94	ppb
Titanium	47-1	29.83	29.00	29.69	29.50	1.50	ppb
Uranium	238-1	0.16	0.16	0.16	0.16	2.14	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-12	Instrumnet Name :	P8
Client Sample ID :	A6336	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:57:41	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.87	3.02	3.00	2.96	2.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	19.13	19.66	19.45	19.41	1.39	ppb
Zirconium	90-1	0.10	0.09	0.10	0.10	3.88	ppb
Zirconium	91-1	0.09	0.10	0.10	0.10	7.75	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-13	Instrumnet Name :	P8
Client Sample ID :	A6337	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:00:57	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.21	3.01	3.13	3.11	3.28	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	3.84	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.09	-0.07	-0.08	-0.08		ppb
Barium	137-1	-0.07	-0.08	-0.08	-0.07		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	18.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.03	0.03	0.05	67.25	ppb
Cadmium	106-1	0.33	0.45	-0.31	0.15	263.43	ppb
Cadmium	111-1	0.02	0.04	-0.02	0.01	202.57	ppb
Calcium	43-1	-11.49	-10.30	-8.77	-10.19		ppb
Calcium	44-1	-10.85	-11.88	-10.65	-11.13		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.01	6.41	6.74	6.72	4.49	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	11.21	ppb
Copper	63-2	0.12	0.10	0.12	0.12	9.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	37.32	35.59	35.49	36.13	2.85	ppb
Iron	56-2	30.94	28.40	29.90	29.75	4.28	ppb
Iron	57-2	32.29	30.65	28.10	30.35	6.96	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	45.08	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-13	Instrumnet Name :	P8
Client Sample ID :	A6337	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:00:57	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.01	0.00	154.82	ppb
Lead	208-1	0.01	0.01	0.01	0.01	27.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	-1.91	-2.56	-1.61	-2.03		ppb
Manganese	55-2	1.31	1.17	1.25	1.24	5.69	ppb
Molybdenum	94-1	0.22	0.19	0.22	0.21	7.77	ppb
Molybdenum	95-1	0.26	0.25	0.24	0.25	3.21	ppb
Molybdenum	96-1	0.24	0.24	0.25	0.25	2.69	ppb
Molybdenum	97-1	0.24	0.23	0.27	0.25	7.69	ppb
Molybdenum	98-1	0.25	0.24	0.24	0.24	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.58	0.66	0.65	8.88	ppb
Phosphorus	31-2	-16.25	-20.37	-23.84	-20.15		ppb
Potassium	39-2	20.17	11.39	14.34	15.30	29.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.08	0.08	-0.10	0.02	499.94	ppb
Selenium	77-2	0.00	0.83	0.00	0.28	173.21	ppb
Selenium	78-2	-0.35	0.58	-0.12	0.04	1268.77	ppb
Silicon	28-1	2.78	3.56	4.12	3.49	19.18	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.39	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.97	ppb
Sodium	23-2	83.84	67.99	72.60	74.81	10.90	ppb
Strontium	86-1	2.14	1.93	2.38	2.15	10.41	ppb
Strontium	88-1	2.84	2.82	2.73	2.80	2.03	ppb
Sulfur	34-1	22.11	42.37	103.94	56.14	75.91	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	33.02	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	37.06	ppb
Tin	118-1	0.17	0.16	0.15	0.16	7.85	ppb
Titanium	47-1	0.08	0.05	0.07	0.07	18.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	66.03	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-13	Instrumnet Name :	P8
Client Sample ID :	A6337	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:00:57	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.05	0.05	0.06	0.05	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.58	0.31	0.33	0.41	37.78	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	49.25	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	109.74	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-14	Instrumnet Name :	P8
Client Sample ID :	A6338	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:04:17	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1517.29	1514.70	1504.81	1512.27	0.44	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	6.51	ppb
Arsenic	75-2	2.14	2.41	2.59	2.38	9.55	ppb
Barium	135-1	23.05	23.97	23.80	23.61	2.08	ppb
Barium	137-1	23.39	24.30	24.29	23.99	2.19	ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	9.08	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.22	0.01	0.10	105.71	ppb
Cadmium	106-1	0.12	0.56	0.15	0.28	90.33	ppb
Cadmium	111-1	0.04	0.07	0.06	0.06	23.43	ppb
Calcium	43-1	11652.27	11690.85	12019.67	11787.60	1.71	ppb
Calcium	44-1	11852.52	11999.36	12348.60	12066.83	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.19	3.05	3.20	3.15	2.57	ppb
Cobalt	59-2	0.83	0.81	0.83	0.83	1.74	ppb
Copper	63-2	1.73	1.78	1.70	1.74	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	54-2	2514.53	2528.36	2518.00	2520.30	0.29	ppb
Iron	56-2	2595.13	2581.20	2633.07	2603.14	1.03	ppb
Iron	57-2	2459.39	2470.31	2502.07	2477.26	0.90	ppb
Krypton	83-1						cps
Lead	206-1	3.85	3.99	3.95	3.93	1.76	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-14	Instrumnet Name :	P8
Client Sample ID :	A6338	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:04:17	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.74	3.87	3.77	3.79	1.71	ppb
Lead	208-1	3.77	3.91	3.86	3.85	1.89	ppb
Lithium	6-1				97		%
Magnesium	24-2	2891.66	2894.73	2925.09	2903.83	0.64	ppb
Manganese	55-2	309.45	309.78	310.58	309.94	0.19	ppb
Molybdenum	94-1	0.30	0.28	0.30	0.29	3.89	ppb
Molybdenum	95-1	0.16	0.19	0.17	0.17	6.83	ppb
Molybdenum	96-1	0.18	0.19	0.19	0.19	2.60	ppb
Molybdenum	97-1	0.17	0.17	0.19	0.17	5.52	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.41	2.47	2.42	1.56	ppb
Phosphorus	31-2	101.75	104.79	95.43	100.66	4.74	ppb
Potassium	39-2	2488.00	2514.50	2507.72	2503.41	0.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	-0.10	0.21	0.04	0.05	293.28	ppb
Selenium	77-2	0.00	2.56	0.85	1.14	114.63	ppb
Selenium	78-2	-0.84	0.14	0.14	-0.19		ppb
Silicon	28-1	4155.75	4107.44	4168.28	4143.83	0.78	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.01	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.19	ppb
Sodium	23-2	31303.61	31348.76	31635.23	31429.20	0.57	ppb
Strontium	86-1	1536.45	1540.57	1547.27	1541.43	0.35	ppb
Strontium	88-1	1609.37	1610.63	1643.59	1621.20	1.20	ppb
Sulfur	34-1	4220.97	3990.47	4276.29	4162.58	3.64	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.31	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.98	ppb
Tin	118-1	0.10	0.11	0.12	0.11	7.84	ppb
Titanium	47-1	62.49	63.39	64.06	63.31	1.25	ppb
Uranium	238-1	0.20	0.21	0.20	0.21	1.47	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-14	Instrumnet Name :	P8
Client Sample ID :	A6338	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:04:17	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.74	2.74	2.75	2.75	0.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	8.40	8.46	8.15	8.34	1.97	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	2.37	ppb
Zirconium	91-1	0.08	0.07	0.09	0.08	16.55	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-15	Instrumnet Name :	P8
Client Sample ID :	A6339	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:07:35	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	161.18	158.66	154.59	158.14	2.10	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	7.71	ppb
Arsenic	75-2	4.41	3.96	4.33	4.24	5.67	ppb
Barium	135-1	16.86	17.08	17.16	17.03	0.90	ppb
Barium	137-1	17.25	17.30	17.24	17.26	0.19	ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	20.54	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	0.08	0.06	0.13	0.09	40.23	ppb
Cadmium	106-1	-0.03	-0.30	-0.56	-0.30		ppb
Cadmium	111-1	0.01	-0.01	-0.03	-0.01		ppb
Calcium	43-1	31304.14	30608.73	31334.98	31082.62	1.32	ppb
Calcium	44-1	30751.39	30534.31	30734.73	30673.48	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.92	0.87	0.88	0.89	2.80	ppb
Cobalt	59-2	2.09	2.01	2.07	2.06	1.87	ppb
Copper	63-2	0.58	0.51	0.52	0.54	6.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	54-2	5159.63	5093.52	5080.63	5111.26	0.83	ppb
Iron	56-2	5327.71	5239.69	5224.76	5264.05	1.06	ppb
Iron	57-2	5066.80	5014.52	4989.86	5023.73	0.78	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.43	0.40	0.41	4.97	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-15	Instrumnet Name :	P8
Client Sample ID :	A6339	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:07:35	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.40	0.38	0.38	0.39	2.77	ppb
Lead	208-1	0.39	0.40	0.39	0.40	1.30	ppb
Lithium	6-1				96		%
Magnesium	24-2	10037.61	9759.66	9765.43	9854.23	1.61	ppb
Manganese	55-2	876.25	857.01	851.23	861.50	1.52	ppb
Molybdenum	94-1	0.25	0.24	0.26	0.25	5.01	ppb
Molybdenum	95-1	0.20	0.21	0.19	0.20	4.67	ppb
Molybdenum	96-1	0.18	0.21	0.20	0.19	6.78	ppb
Molybdenum	97-1	0.19	0.19	0.22	0.20	9.09	ppb
Molybdenum	98-1	0.20	0.19	0.21	0.20	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.37	3.38	3.39	3.38	0.39	ppb
Phosphorus	31-2	190.00	195.28	146.25	177.18	15.19	ppb
Potassium	39-2	3538.80	3503.19	3456.87	3499.62	1.17	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	0.23	0.16	0.26	0.22	24.76	ppb
Selenium	77-2	0.87	1.76	0.87	1.16	43.99	ppb
Selenium	78-2	-0.34	0.17	-0.34	-0.17		ppb
Silicon	28-1	5971.02	5896.71	6002.20	5956.65	0.91	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.61	ppb
Silver	109-1	0.01	0.01	0.00	0.01	13.60	ppb
Sodium	23-2	23377.00	22560.79	22782.91	22906.90	1.84	ppb
Strontium	86-1	2909.24	2994.70	3007.67	2970.53	1.80	ppb
Strontium	88-1	3057.65	3100.50	3105.42	3087.86	0.85	ppb
Sulfur	34-1	7984.69	7532.05	7921.10	7812.61	3.14	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.25	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.87	ppb
Tin	118-1	0.01	0.00	0.01	0.01	69.90	ppb
Titanium	47-1	6.67	6.80	6.74	6.74	0.96	ppb
Uranium	238-1	0.18	0.18	0.19	0.18	2.13	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-15	Instrumnet Name :	P8
Client Sample ID :	A6339	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:07:35	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.63	0.66	0.58	0.62	6.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	2.40	2.41	2.46	2.42	1.22	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	1.72	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	3.84	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-16	Instrumnet Name :	P8
Client Sample ID :	A6340	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:10:48	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	637.52	628.83	633.89	633.41	0.69	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	5.86	ppb
Arsenic	75-2	3.46	2.83	2.94	3.08	10.91	ppb
Barium	135-1	20.71	20.54	20.64	20.63	0.43	ppb
Barium	137-1	20.85	20.76	20.90	20.84	0.33	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	6.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.06	0.17	0.09	71.94	ppb
Cadmium	106-1	-0.71	-0.31	-0.39	-0.47		ppb
Cadmium	111-1	-0.03	0.00	-0.01	-0.01		ppb
Calcium	43-1	14524.24	14309.92	14732.76	14522.31	1.46	ppb
Calcium	44-1	15087.20	14734.76	15240.69	15020.88	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.83	2.73	2.80	2.79	1.74	ppb
Cobalt	59-2	1.23	1.22	1.28	1.24	2.66	ppb
Copper	63-2	2.47	2.48	2.59	2.51	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	54-2	2749.16	2722.06	2765.32	2745.51	0.80	ppb
Iron	56-2	2855.63	2769.80	2837.78	2821.07	1.61	ppb
Iron	57-2	2733.12	2701.06	2699.39	2711.19	0.70	ppb
Krypton	83-1						cps
Lead	206-1	1.71	1.73	1.77	1.74	1.79	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-16	Instrumnet Name :	P8
Client Sample ID :	A6340	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:10:48	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.67	1.67	1.70	1.68	1.02	ppb
Lead	208-1	1.69	1.69	1.71	1.69	0.72	ppb
Lithium	6-1				96		%
Magnesium	24-2	3644.09	3602.19	3677.88	3641.39	1.04	ppb
Manganese	55-2	1059.89	1049.72	1051.17	1053.59	0.52	ppb
Molybdenum	94-1	0.31	0.27	0.29	0.29	5.95	ppb
Molybdenum	95-1	0.23	0.23	0.24	0.23	2.21	ppb
Molybdenum	96-1	0.23	0.23	0.23	0.23	0.91	ppb
Molybdenum	97-1	0.22	0.23	0.24	0.23	2.43	ppb
Molybdenum	98-1	0.23	0.23	0.24	0.23	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.44	2.43	2.47	2.27	ppb
Phosphorus	31-2	100.13	74.16	67.73	80.67	21.26	ppb
Potassium	39-2	2912.55	2869.21	2904.66	2895.47	0.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	0.25	-0.10	-0.20	-0.02		ppb
Selenium	77-2	0.00	0.87	0.00	0.29	173.21	ppb
Selenium	78-2	-0.59	-0.34	0.15	-0.26		ppb
Silicon	28-1	4091.22	4078.42	4104.67	4091.43	0.32	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.09	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.78	ppb
Sodium	23-2	34184.42	33801.83	34057.63	34014.63	0.57	ppb
Strontium	86-1	1659.01	1644.55	1645.80	1649.79	0.49	ppb
Strontium	88-1	1736.04	1733.53	1730.79	1733.45	0.15	ppb
Sulfur	34-1	4639.57	4333.80	4509.15	4494.17	3.41	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.54	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.74	ppb
Tin	118-1	0.13	0.14	0.13	0.13	1.83	ppb
Titanium	47-1	26.67	26.17	26.97	26.61	1.52	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	0.11	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-16	Instrumnet Name :	P8
Client Sample ID :	A6340	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:10:48	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.43	1.40	1.35	1.40	2.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	8.68	8.42	8.65	8.58	1.64	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	2.84	ppb
Zirconium	91-1	0.04	0.07	0.06	0.06	25.58	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-17	Instrumnet Name :	P8
Client Sample ID :	A6341	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:14:06	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.77	102.19	100.11	99.36	3.30	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	5.38	ppb
Arsenic	75-2	1.03	0.87	1.23	1.04	17.15	ppb
Barium	135-1	12.95	12.95	13.20	13.04	1.09	ppb
Barium	137-1	13.09	12.95	13.44	13.16	1.91	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.02	0.02	0.03	50.65	ppb
Cadmium	106-1	-0.21	-0.46	-1.01	-0.56		ppb
Cadmium	111-1	-0.02	-0.03	-0.07	-0.04		ppb
Calcium	43-1	11541.81	11645.72	11677.86	11621.80	0.61	ppb
Calcium	44-1	11800.45	11953.63	11976.46	11910.18	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.40	0.43	0.41	5.63	ppb
Cobalt	59-2	0.23	0.23	0.26	0.24	7.21	ppb
Copper	63-2	0.45	0.51	0.53	0.49	7.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	807.97	839.44	850.04	832.48	2.63	ppb
Iron	56-2	858.70	873.69	890.34	874.25	1.81	ppb
Iron	57-2	800.36	830.06	833.97	821.46	2.24	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.29	0.31	0.31	6.14	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-17	Instrumnet Name :	P8
Client Sample ID :	A6341	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:14:06	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.26	0.26	0.30	0.27	7.96	ppb
Lead	208-1	0.29	0.28	0.29	0.29	2.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	2627.83	2692.27	2730.74	2683.61	1.94	ppb
Manganese	55-2	183.05	188.74	193.68	188.49	2.82	ppb
Molybdenum	94-1	0.10	0.09	0.09	0.09	6.21	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	3.52	ppb
Molybdenum	96-1	0.07	0.06	0.07	0.07	3.21	ppb
Molybdenum	97-1	0.08	0.08	0.07	0.08	12.61	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	10.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.79	0.61	0.69	13.67	ppb
Phosphorus	31-2	-8.01	0.43	-2.90	-3.49		ppb
Potassium	39-2	2276.56	2331.29	2372.09	2326.65	2.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	0.30	0.16	0.05	0.17	70.67	ppb
Selenium	77-2	0.82	0.00	0.86	0.56	86.65	ppb
Selenium	78-2	-0.37	-0.35	-0.35	-0.36		ppb
Silicon	28-1	2973.51	2894.47	2924.78	2930.92	1.36	ppb
Silver	107-1	0.00	0.00	0.00	0.00	4.91	ppb
Silver	109-1	0.00	0.00	0.00	0.00	29.72	ppb
Sodium	23-2	30061.40	31165.05	31621.65	30949.37	2.59	ppb
Strontium	86-1	1521.45	1480.26	1503.96	1501.89	1.38	ppb
Strontium	88-1	1578.79	1554.47	1580.21	1571.15	0.92	ppb
Sulfur	34-1	4012.73	3703.01	3694.19	3803.31	4.77	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.00	0.01	23.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.32	ppb
Tin	118-1	0.23	0.23	0.23	0.23	1.84	ppb
Titanium	47-1	3.46	3.75	3.66	3.62	4.11	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	1.74	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-17	Instrumnet Name :	P8
Client Sample ID :	A6341	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:14:06	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.25	0.28	0.24	0.26	7.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	2.10	2.21	2.15	2.15	2.46	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	15.75	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	23.86	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01DLX2	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:17:21	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	652.34	664.11	636.60	651.01	2.12	ppb
Antimony	121-1	298.11	297.87	297.71	297.90	0.07	ppb
Arsenic	75-2	321.77	331.42	321.85	325.01	1.71	ppb
Barium	135-1	630.49	622.35	635.63	629.49	1.06	ppb
Barium	137-1	625.84	619.71	627.60	624.38	0.66	ppb
Beryllium	9-1	69.66	73.16	70.26	71.03	2.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	284.45	286.82	289.29	286.85	0.84	ppb
Cadmium	106-1	275.42	277.07	276.39	276.29	0.30	ppb
Cadmium	111-1	334.58	337.41	342.05	338.01	1.12	ppb
Calcium	43-1	-4.79	-0.95	-0.51	-2.08		ppb
Calcium	44-1	-11.70	-11.95	-12.15	-11.93		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.41	154.87	147.45	151.24	2.45	ppb
Cobalt	59-2	126.49	128.41	123.91	126.27	1.79	ppb
Copper	63-2	466.25	474.19	457.59	466.01	1.78	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				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	54-2	1151.07	1169.54	1137.33	1152.65	1.40	ppb
Iron	56-2	1073.14	1099.90	1045.68	1072.91	2.53	ppb
Iron	57-2	1018.16	1040.52	994.68	1017.79	2.25	ppb
Krypton	83-1						cps
Lead	206-1	368.79	381.07	375.32	375.06	1.64	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01DLX2	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:17:21	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	354.27	359.27	360.69	358.08	0.94	ppb
Lead	208-1	360.87	363.19	365.17	363.08	0.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.78	-2.92	-2.03	-1.91		ppb
Manganese	55-2	376.49	386.57	367.01	376.69	2.60	ppb
Molybdenum	94-1	190.17	192.23	190.08	190.83	0.64	ppb
Molybdenum	95-1	239.13	241.76	239.15	240.01	0.63	ppb
Molybdenum	96-1	237.77	240.31	230.93	236.34	2.05	ppb
Molybdenum	97-1	234.75	237.01	231.44	234.40	1.19	ppb
Molybdenum	98-1	245.10	244.53	236.53	242.05	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.95	273.72	262.21	268.29	2.16	ppb
Phosphorus	31-2	-21.13	-26.83	-40.15	-29.37		ppb
Potassium	39-2	0.66	0.26	-1.25	-0.11		ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	123.97	123.56	126.67	124.74	1.35	ppb
Selenium	77-2	128.12	131.67	126.81	128.87	1.95	ppb
Selenium	78-2	124.73	122.40	121.83	122.99	1.25	ppb
Silicon	28-1	-0.81	-0.52	-0.94	-0.76		ppb
Silver	107-1	383.12	379.75	392.86	385.24	1.77	ppb
Silver	109-1	385.08	378.01	391.73	384.94	1.78	ppb
Sodium	23-2	41.79	47.76	36.11	41.89	13.91	ppb
Strontium	86-1	730.79	741.27	732.71	734.92	0.76	ppb
Strontium	88-1	761.34	774.36	771.69	769.13	0.89	ppb
Sulfur	34-1	-288.90	-241.32	-408.52	-312.91		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	361.75	368.64	366.73	365.71	0.97	ppb
Thallium	205-1	360.54	370.00	368.06	366.20	1.36	ppb
Tin	118-1	-0.02	-0.03	-0.01	-0.02		ppb
Titanium	47-1	0.15	0.16	0.21	0.17	17.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01DLX2	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:17:21	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	852.49	871.45	819.48	847.81	3.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	514.30	525.48	501.34	513.71	2.35	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	458.61	ppb
Zirconium	91-1	0.16	0.16	0.15	0.16	5.70	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02DLX2	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:20:28	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1771.86	1780.01	1795.84	1782.57	0.68	ppb
Antimony	121-1	419.58	419.93	420.69	420.06	0.14	ppb
Arsenic	75-2	163.00	167.60	166.61	165.73	1.46	ppb
Barium	135-1	290.48	292.42	291.59	291.50	0.33	ppb
Barium	137-1	306.84	305.89	304.81	305.84	0.33	ppb
Beryllium	9-1	73.66	73.89	75.37	74.31	1.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	124.61	123.26	125.48	124.45	0.90	ppb
Cadmium	106-1	114.40	118.91	116.69	116.66	1.94	ppb
Cadmium	111-1	143.19	143.18	144.07	143.48	0.36	ppb
Calcium	43-1	-4.67	-2.99	-1.05	-2.90		ppb
Calcium	44-1	-14.74	-14.26	-14.03	-14.34		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181.26	181.63	180.16	181.02	0.42	ppb
Cobalt	59-2	419.43	419.42	418.46	419.10	0.13	ppb
Copper	63-2	122.51	120.90	122.90	122.10	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	54-2	1654.03	1645.71	1661.86	1653.87	0.49	ppb
Iron	56-2	1548.06	1559.42	1563.61	1557.03	0.52	ppb
Iron	57-2	1472.39	1481.91	1493.62	1482.64	0.72	ppb
Krypton	83-1						cps
Lead	206-1	481.16	482.35	493.20	485.57	1.37	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02DLX2	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:20:28	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	462.79	467.28	474.60	468.22	1.27	ppb
Lead	208-1	467.73	473.06	476.47	472.42	0.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	-1.74	-1.70	-1.84	-1.76		ppb
Manganese	55-2	323.13	319.99	322.24	321.79	0.50	ppb
Molybdenum	94-1	231.44	241.00	244.79	239.08	2.88	ppb
Molybdenum	95-1	286.32	296.11	299.78	294.07	2.37	ppb
Molybdenum	96-1	282.25	295.14	289.10	288.83	2.23	ppb
Molybdenum	97-1	286.06	298.36	291.73	292.05	2.11	ppb
Molybdenum	98-1	281.14	290.99	297.69	289.94	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	954.69	970.36	967.41	964.15	0.86	ppb
Phosphorus	31-2	-31.69	-38.96	-36.69	-35.78		ppb
Potassium	39-2	3.23	2.33	2.85	2.80	16.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	334.38	351.35	349.95	345.23	2.73	ppb
Selenium	77-2	379.44	338.41	382.60	366.81	6.72	ppb
Selenium	78-2	341.33	350.39	346.17	345.96	1.31	ppb
Silicon	28-1	-1.97	-2.02	-1.52	-1.83		ppb
Silver	107-1	504.05	505.38	500.09	503.18	0.55	ppb
Silver	109-1	499.99	498.27	500.86	499.71	0.26	ppb
Sodium	23-2	38.08	40.92	42.73	40.58	5.78	ppb
Strontium	86-1	898.15	936.46	954.70	929.77	3.10	ppb
Strontium	88-1	956.28	1001.85	985.31	981.15	2.35	ppb
Sulfur	34-1	-574.35	-675.89	-491.80	-580.68		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	86.89	85.79	89.98	87.55	2.48	ppb
Thallium	205-1	89.74	88.73	89.62	89.36	0.62	ppb
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb
Titanium	47-1	0.18	0.18	0.19	0.18	1.24	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	200.03	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02DLX2	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:20:28	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	41.54	41.52	42.02	41.69	0.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	635.26	631.58	640.14	635.66	0.68	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	505.81	ppb
Zirconium	91-1	0.07	0.07	0.08	0.07	2.37	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:23:47	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52617.55	52589.56	52418.68	52541.93	0.20	ppb
Antimony	121-1	493.30	506.55	491.94	497.26	1.62	ppb
Arsenic	75-2	497.55	515.59	496.45	503.20	2.14	ppb
Barium	135-1	2530.27	2537.12	2501.74	2523.05	0.74	ppb
Barium	137-1	2561.75	2519.91	2483.65	2521.77	1.55	ppb
Beryllium	9-1	503.49	505.85	513.09	507.48	0.99	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	498.72	504.44	500.92	501.36	0.58	ppb
Cadmium	106-1	498.00	502.34	498.33	499.56	0.48	ppb
Cadmium	111-1	495.91	496.18	486.05	492.72	1.17	ppb
Calcium	43-1	252546.53	254246.56	257229.44	254674.18	0.93	ppb
Calcium	44-1	257029.01	254660.09	256774.12	256154.41	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.79	505.21	509.19	505.07	0.83	ppb
Cobalt	59-2	495.21	498.89	497.98	497.36	0.39	ppb
Copper	63-2	4829.01	4864.22	4780.57	4824.60	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	54-2	127582.02	129672.16	129994.68	129082.95	1.01	ppb
Iron	56-2	128832.23	130166.36	128692.23	129230.28	0.63	ppb
Iron	57-2	126746.20	129459.68	125842.96	127349.61	1.48	ppb
Krypton	83-1						cps
Lead	206-1	2558.29	2559.16	2538.17	2551.87	0.47	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:23:47	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2563.96	2525.21	2573.31	2554.16	1.00	ppb
Lead	208-1	2564.19	2541.18	2568.56	2557.97	0.58	ppb
Lithium	6-1				89		%
Magnesium	24-2	261086.13	257562.64	256939.34	258529.37	0.86	ppb
Manganese	55-2	4891.64	5005.87	4958.89	4952.13	1.16	ppb
Molybdenum	94-1	5037.98	5077.61	4999.14	5038.24	0.78	ppb
Molybdenum	95-1	5004.52	5109.66	5047.80	5054.00	1.05	ppb
Molybdenum	96-1	4997.54	5089.11	5055.95	5047.54	0.92	ppb
Molybdenum	97-1	5042.79	5105.04	5034.30	5060.71	0.76	ppb
Molybdenum	98-1	5007.32	5048.19	5040.44	5031.98	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.89	459.82	452.95	455.56	0.82	ppb
Phosphorus	31-2	10089.79	10034.04	10041.25	10055.03	0.30	ppb
Potassium	39-2	125799.66	125442.39	124913.28	125385.11	0.36	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	478.48	496.94	492.12	489.18	1.96	ppb
Selenium	77-2	492.23	505.27	517.78	505.09	2.53	ppb
Selenium	78-2	501.92	505.06	471.48	492.82	3.76	ppb
Silicon	28-1	500.78	503.61	515.83	506.74	1.58	ppb
Silver	107-1	484.58	489.53	478.18	484.10	1.18	ppb
Silver	109-1	486.38	483.36	477.53	482.42	0.93	ppb
Sodium	23-2	268825.91	271668.36	265712.34	268735.54	1.11	ppb
Strontium	86-1	12463.05	12895.96	12680.98	12680.00	1.71	ppb
Strontium	88-1	12404.19	12800.68	12538.54	12581.13	1.60	ppb
Sulfur	34-1	11512.71	11137.88	11169.61	11273.40	1.84	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	512.40	509.43	512.99	511.61	0.37	ppb
Thallium	205-1	511.18	512.73	508.48	510.80	0.42	ppb
Tin	118-1	491.56	501.57	496.28	496.47	1.01	ppb
Titanium	47-1	5017.28	5059.76	5062.68	5046.57	0.50	ppb
Uranium	238-1	525.21	517.03	521.27	521.17	0.79	ppb

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:23:47	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	508.96	519.38	516.91	515.08	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	4929.08	4960.76	4877.25	4922.36	0.86	ppb
Zirconium	90-1	506.86	509.33	509.52	508.57	0.29	ppb
Zirconium	91-1	506.63	520.62	511.44	512.90	1.39	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:26:35	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	0.34	1.75	0.88	86.40	ppb
Antimony	121-1	0.16	0.16	0.14	0.15	6.75	ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	-0.06	-0.05	-0.07	-0.06		ppb
Barium	137-1	-0.03	-0.05	-0.06	-0.04		ppb
Beryllium	9-1	0.16	0.14	0.15	0.15	6.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.16	0.06	0.10	59.06	ppb
Cadmium	106-1	-0.78	-0.18	-0.15	-0.37		ppb
Cadmium	111-1	-0.03	0.01	0.00	-0.01		ppb
Calcium	43-1	-23.68	-26.41	-27.80	-25.97		ppb
Calcium	44-1	-25.29	-28.01	-28.27	-27.19		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	-0.02	-0.02		ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	28.60	ppb
Copper	63-2	0.17	0.12	0.11	0.13	27.09	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				101		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	2.62	2.88	2.41	2.64	8.93	ppb
Iron	56-2	2.37	2.43	2.32	2.37	2.46	ppb
Iron	57-2	2.97	1.36	2.78	2.37	37.00	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.13	0.15	14.01	ppb

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:26:35	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.13	0.13	0.14	14.03	ppb
Lead	208-1	0.17	0.15	0.13	0.15	15.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	-1.06	-1.05	-1.55	-1.22		ppb
Manganese	55-2	0.11	0.10	0.12	0.11	11.18	ppb
Molybdenum	94-1	0.18	0.16	0.13	0.16	15.00	ppb
Molybdenum	95-1	0.19	0.14	0.15	0.16	13.85	ppb
Molybdenum	96-1	0.19	0.16	0.15	0.17	13.62	ppb
Molybdenum	97-1	0.23	0.13	0.13	0.16	34.92	ppb
Molybdenum	98-1	0.20	0.16	0.14	0.17	18.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.04	-0.02		ppb
Phosphorus	31-2	-26.56	-35.08	-30.85	-30.83		ppb
Potassium	39-2	10.49	12.90	10.07	11.15	13.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.05	0.43	0.07	0.18	116.32	ppb
Selenium	77-2	0.84	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	-0.36	-0.13	-0.37	-0.28		ppb
Silicon	28-1	2.02	1.13	0.73	1.30	51.04	ppb
Silver	107-1	0.06	0.06	0.06	0.06	4.88	ppb
Silver	109-1	0.07	0.06	0.05	0.06	17.30	ppb
Sodium	23-2	58.84	54.27	55.41	56.17	4.24	ppb
Strontium	86-1	-0.05	-0.16	0.08	-0.04		ppb
Strontium	88-1	0.32	0.26	0.28	0.28	11.11	ppb
Sulfur	34-1	-197.51	-282.42	-205.77	-228.57		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.04	0.04	0.05	10.63	ppb
Thallium	205-1	0.05	0.05	0.04	0.04	8.91	ppb
Tin	118-1	0.02	0.01	0.01	0.02	49.68	ppb
Titanium	47-1	0.35	0.30	0.28	0.31	12.43	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.44	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:26:35	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	100.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	0.11	-0.11	0.07	0.02	507.86	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	22.41	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	24.67	ppb

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:17:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	67	93	83	17.43	cps
Antimony	121-1	60	83	93	79	21.68	cps
Arsenic	75-2	10	17	17	14	26.66	cps
Barium	135-1	713	703	717	711	0.98	cps
Barium	137-1	1137	1323	1150	1203	8.65	cps
Beryllium	9-1	390	360	397	382	5.19	cps
Bismuth	209-1	14140037	14106576	14164683	14137099	0.21	cps
Bismuth	209-2	5527546	5500738	5516508	5514931	0.24	cps
Bromine	81-1	4191	4341	4364	4298	2.19	cps
Cadmium	108-1	23	30	10	21	48.24	cps
Cadmium	106-1	8326	8376	8086	8263	1.88	cps
Cadmium	111-1	5822	5865	5676	5788	1.71	cps
Calcium	43-1	2230	2090	2197	2172	3.37	cps
Calcium	44-1	55677	55657	56015	55783	0.36	cps
Carbon	12-1	3320287	3274381	3237990	3277553	1.26	cps
Carbon	12-2	21686	21833	21583	21701	0.58	cps
Chlorine	35-1	163667	165463	163984	164371	0.58	cps
Chlorine	35-2	660	583	543	596	9.95	cps
Chromium	52-2	897	920	837	884	4.86	cps
Cobalt	59-2	110	87	110	102	13.18	cps
Copper	63-2	2834	2654	2577	2688	4.90	cps
Dysprosium	156-1	67	80	37	61	36.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	93	97	133	108	20.60	cps
Erbium	164-2	33	13	40	29	48.05	cps
Gadolinium	160-1	127	173	113	138	22.87	cps
Gadolinium	160-2	23	23	33	27	21.65	cps
Holmium	165-1	21777494	21785281	21525639	21696138	0.68	cps
Holmium	165-2	7435155	7232318	7186158	7284544	1.82	cps
Indium	115-1	16734716	17114442	16484305	16777821	1.89	cps
Indium	115-2	1580112	1594244	1617425	1597260	1.18	cps
Iron	54-2	417	423	430	423	1.57	cps
Iron	56-2	5274	5198	5498	5323	2.93	cps
Iron	57-2	140	163	170	158	9.98	cps
Krypton	83-1	280	283	260	274	4.60	cps
Lead	206-1	2320	2230	2197	2249	2.84	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:17:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2057	2004	1994	2018	1.69	cps
Lead	208-1	9285	9008	9165	9152	1.52	cps
Lithium	6-1	8796205	8673967	8504288	8658154	1.69	cps
Magnesium	24-2	3404	3494	3347	3415	2.17	cps
Manganese	55-2	193	153	163	170	12.24	cps
Molybdenum	94-1	453	370	423	416	10.16	cps
Molybdenum	95-1	170	143	130	148	13.78	cps
Molybdenum	96-1	247	230	213	230	7.25	cps
Molybdenum	97-1	107	100	107	104	3.69	cps
Molybdenum	98-1	267	297	183	249	23.59	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1030	1013	923	989	5.80	cps
Phosphorus	31-2	103	90	110	101	10.07	cps
Potassium	39-2	12359	12636	12342	12445	1.32	cps
Rhodium	103-1	15830288	15914368	15687467	15810708	0.73	cps
Rhodium	103-2	6036227	5980463	5965551	5994081	0.62	cps
Scandium	45-1	11599282	11710324	11515340	11608315	0.84	cps
Scandium	45-2	217782	217520	217819	217707	0.07	cps
Selenium	82-1	-43	-3	43	-1	-3896.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	17	13	12	41.65	cps
Silicon	28-1	549150	548807	546565	548174	0.26	cps
Silver	107-1	180	217	173	190	12.28	cps
Silver	109-1	60	57	77	64	16.63	cps
Sodium	23-2	73571	73490	71899	72987	1.29	cps
Strontium	86-1	597	670	603	623	6.51	cps
Strontium	88-1	1230	1227	1183	1213	2.15	cps
Sulfur	34-1	762006	770050	764443	765500	0.54	cps
Terbium	159-1	22236750	22413180	22273034	22307654	0.42	cps
Terbium	159-2	6943268	6980021	7101173	7008154	1.18	cps
Thallium	203-1	367	347	400	371	7.26	cps
Thallium	205-1	863	923	873	887	3.63	cps
Tin	118-1	3427	3427	3414	3423	0.22	cps
Titanium	47-1	147	240	190	192	24.30	cps
Uranium	238-1	40	23	23	29	33.32	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:17:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	30	40	26	66.92	cps
Ytterbium	172-1	100	110	120	110	9.09	cps
Ytterbium	172-2	27	37	57	40	38.18	cps
Ytterbium	176-1	2294	2257	2117	2222	4.20	cps
Ytterbium	176-2	393	487	423	434	10.97	cps
Yttrium	89-1	29221874	29160475	28999970	29127439	0.39	cps
Yttrium	89-2	1999258	1997131	2008466	2001618	0.30	cps
Zinc	66-2	367	350	280	332	13.84	cps
Zirconium	90-1	917	1143	977	1012	11.60	cps
Zirconium	91-1	223	180	193	199	11.16	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:20:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1523	1713	1587	1608	6.02	cps
Antimony	121-1	36947	36746	36980	36891	0.34	cps
Arsenic	75-2	317	420	433	390	16.37	cps
Barium	135-1	43995	44366	44105	44155	0.43	cps
Barium	137-1	76665	76746	77255	76889	0.42	cps
Beryllium	9-1	7056	7261	7078	7132	1.58	cps
Bismuth	209-1	13878335	13746213	14109547	13911365	1.32	cps
Bismuth	209-2	6010179	5417635	5411584	5613133	6.13	cps
Bromine	81-1	4197	4194	4124	4172	0.99	cps
Cadmium	108-1	423	353	430	402	10.56	cps
Cadmium	106-1	8666	8780	8746	8731	0.67	cps
Cadmium	111-1	10477	10786	10689	10651	1.48	cps
Calcium	43-1	30790	31027	31789	31202	1.67	cps
Calcium	44-1	525532	520095	524739	523455	0.56	cps
Carbon	12-1	3617106	3569755	3525526	3570796	1.28	cps
Carbon	12-2	23325	23743	23769	23612	1.05	cps
Chlorine	35-1	169000	167827	170342	169056	0.74	cps
Chlorine	35-2	803	667	720	730	9.44	cps
Chromium	52-2	8873	9200	8726	8933	2.71	cps
Cobalt	59-2	8252	8089	8222	8188	1.06	cps
Copper	63-2	15021	14915	15335	15090	1.45	cps
Dysprosium	156-1	60	77	47	61	24.60	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	97	80	97	91	10.56	cps
Erbium	164-2	37	20	33	30	29.40	cps
Gadolinium	160-1	167	160	107	144	22.77	cps
Gadolinium	160-2	37	27	27	30	19.24	cps
Holmium	165-1	21289948	21370869	21298929	21319915	0.21	cps
Holmium	165-2	8217317	7158894	7123927	7500046	8.29	cps
Indium	115-1	16433672	16073657	16204163	16237164	1.12	cps
Indium	115-2	1801316	1563367	1565968	1643550	8.31	cps
Iron	54-2	8783	8803	9080	8888	1.87	cps
Iron	56-2	158698	157977	159247	158641	0.40	cps
Iron	57-2	3814	3954	4227	3998	5.26	cps
Krypton	83-1	250	297	280	276	8.58	cps
Lead	206-1	17155	17529	16975	17219	1.64	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:20:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15389	15249	15503	15380	0.83	cps
Lead	208-1	68808	69700	69828	69445	0.80	cps
Lithium	6-1	8549371	8468345	8469628	8495781	0.55	cps
Magnesium	24-2	142987	143655	143525	143389	0.25	cps
Manganese	55-2	1917	1677	1657	1750	8.27	cps
Molybdenum	94-1	37858	37096	38126	37693	1.42	cps
Molybdenum	95-1	44531	45501	45407	45146	1.19	cps
Molybdenum	96-1	50378	50572	50926	50625	0.55	cps
Molybdenum	97-1	28225	29044	27921	28397	2.04	cps
Molybdenum	98-1	73526	73359	75175	74020	1.36	cps
Neodymium	150-1	7	13	23	14	58.06	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	2997	3094	3104	3065	1.92	cps
Phosphorus	31-2	297	293	227	272	14.51	cps
Potassium	39-2	85662	85360	86051	85691	0.40	cps
Rhodium	103-1	15718072	15584444	15556985	15619834	0.55	cps
Rhodium	103-2	6810709	5993241	5842226	6215392	8.38	cps
Scandium	45-1	11579885	11516926	11517080	11537964	0.31	cps
Scandium	45-2	242547	214659	216428	224545	6.95	cps
Selenium	82-1	1497	1477	1317	1430	6.90	cps
Selenium	77-2	23	30	13	22	37.76	cps
Selenium	78-2	110	107	73	97	20.98	cps
Silicon	28-1	640840	640775	642279	641298	0.13	cps
Silver	107-1	22135	23300	22969	22801	2.63	cps
Silver	109-1	21817	22004	21514	21778	1.14	cps
Sodium	23-2	347674	349953	347047	348225	0.44	cps
Strontium	86-1	6468	6462	6608	6513	1.27	cps
Strontium	88-1	52220	52026	51842	52030	0.36	cps
Sulfur	34-1	778787	773492	778725	777001	0.39	cps
Terbium	159-1	21658470	21868299	21801336	21776035	0.49	cps
Terbium	159-2	7914438	6986791	6907063	7269431	7.70	cps
Thallium	203-1	19538	18974	19094	19202	1.55	cps
Thallium	205-1	45098	45399	45309	45269	0.34	cps
Tin	118-1	76972	77099	78077	77383	0.78	cps
Titanium	47-1	14084	14838	14684	14535	2.74	cps
Uranium	238-1	60262	59431	59954	59882	0.70	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:20:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15405	15465	16326	15732	3.28	cps
Ytterbium	172-1	123	87	157	122	28.65	cps
Ytterbium	172-2	50	20	50	40	43.30	cps
Ytterbium	176-1	2484	2470	2304	2419	4.15	cps
Ytterbium	176-2	490	423	480	464	7.74	cps
Yttrium	89-1	29126630	29041350	28686162	28951381	0.81	cps
Yttrium	89-2	2249357	1978858	1954947	2061054	7.93	cps
Zinc	66-2	3384	3454	3500	3446	1.70	cps
Zirconium	90-1	31796	32384	32642	32274	1.34	cps
Zirconium	91-1	6825	7052	7065	6981	1.93	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:23:43	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72121	71407	71588	71705	0.52	cps
Antimony	121-1	863281	864630	869559	865823	0.38	cps
Arsenic	75-2	16877	16813	16770	16820	0.32	cps
Barium	135-1	1041406	1052424	1043375	1045735	0.56	cps
Barium	137-1	1844897	1852470	1849450	1848939	0.21	cps
Beryllium	9-1	310601	307671	310360	309544	0.53	cps
Bismuth	209-1	14004339	13503625	13843682	13783882	1.85	cps
Bismuth	209-2	5357871	5345708	5367647	5357075	0.21	cps
Bromine	81-1	4224	4161	4254	4213	1.13	cps
Cadmium	108-1	17655	18402	18609	18222	2.76	cps
Cadmium	106-1	32993	33210	33130	33111	0.33	cps
Cadmium	111-1	223788	227838	225791	225806	0.90	cps
Calcium	43-1	282431	282135	282557	282375	0.08	cps
Calcium	44-1	4785802	4805689	4708047	4766513	1.08	cps
Carbon	12-1	3725957	3677036	3667588	3690194	0.85	cps
Carbon	12-2	25282	25101	24647	25010	1.31	cps
Chlorine	35-1	172720	172673	174882	173425	0.73	cps
Chlorine	35-2	573	623	643	613	5.88	cps
Chromium	52-2	184457	183633	183704	183931	0.25	cps
Cobalt	59-2	358192	356766	354606	356521	0.51	cps
Copper	63-2	2896960	2940242	2888150	2908451	0.96	cps
Dysprosium	156-1	73	67	77	72	7.05	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	137	97	123	119	17.13	cps
Erbium	164-2	40	20	20	27	43.30	cps
Gadolinium	160-1	160	123	153	146	13.42	cps
Gadolinium	160-2	30	40	43	38	18.36	cps
Holmium	165-1	21516273	20844092	21372191	21244185	1.67	cps
Holmium	165-2	7141549	7109537	7173320	7141469	0.45	cps
Indium	115-1	16254424	15714273	16181919	16050205	1.83	cps
Indium	115-2	1540744	1510349	1541050	1530714	1.15	cps
Iron	54-2	388912	381735	391386	387344	1.29	cps
Iron	56-2	7171703	7093779	7074278	7113253	0.72	cps
Iron	57-2	176862	173070	175259	175064	1.09	cps
Krypton	83-1	277	290	287	284	2.44	cps
Lead	206-1	3821707	3779430	3768020	3789719	0.75	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:23:43	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3292367	3246092	3298319	3278926	0.87	cps
Lead	208-1	15156618	14937389	15035763	15043257	0.73	cps
Lithium	6-1	8473739	8271925	8394966	8380210	1.21	cps
Magnesium	24-2	1345132	1340675	1380091	1355299	1.59	cps
Manganese	55-2	759124	756274	751368	755588	0.52	cps
Molybdenum	94-1	3066133	3095621	3103417	3088390	0.64	cps
Molybdenum	95-1	4421577	4457582	4445673	4441611	0.41	cps
Molybdenum	96-1	4907670	4988552	4948449	4948224	0.82	cps
Molybdenum	97-1	2750828	2806214	2755362	2770801	1.11	cps
Molybdenum	98-1	7260201	7258073	7177335	7231870	0.65	cps
Neodymium	150-1	87	63	67	72	17.48	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	101962	100424	100055	100814	1.00	cps
Phosphorus	31-2	3767	3540	3440	3583	4.67	cps
Potassium	39-2	357943	354467	355472	355961	0.50	cps
Rhodium	103-1	15512964	15031755	15381596	15308772	1.62	cps
Rhodium	103-2	5810091	5829519	5764916	5801509	0.57	cps
Scandium	45-1	11401083	11093484	11475130	11323233	1.79	cps
Scandium	45-2	210976	208927	212043	210649	0.75	cps
Selenium	82-1	13660	13504	13380	13515	1.04	cps
Selenium	77-2	267	183	220	223	18.70	cps
Selenium	78-2	770	753	677	733	6.79	cps
Silicon	28-1	1285733	1293056	1293544	1290778	0.34	cps
Silver	107-1	1102473	1119965	1117596	1113345	0.85	cps
Silver	109-1	1056024	1069095	1074875	1066665	0.91	cps
Sodium	23-2	2750139	2748244	2755716	2751366	0.14	cps
Strontium	86-1	276470	274017	275698	275395	0.46	cps
Strontium	88-1	2539191	2473608	2500542	2504447	1.32	cps
Sulfur	34-1	865622	859514	853492	859542	0.71	cps
Terbium	159-1	21918073	21182710	21735678	21612154	1.77	cps
Terbium	159-2	6874471	6884708	6827736	6862305	0.44	cps
Thallium	203-1	891404	889578	898998	893327	0.56	cps
Thallium	205-1	2194965	2180345	2183313	2186208	0.35	cps
Tin	118-1	698133	705238	700509	701293	0.52	cps
Titanium	47-1	1379212	1380005	1381240	1380152	0.07	cps
Uranium	238-1	3076582	3071055	3064919	3070852	0.19	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:23:43	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	142306	142753	142393	142484	0.17	cps
Ytterbium	172-1	117	120	140	126	10.05	cps
Ytterbium	172-2	60	37	43	47	25.75	cps
Ytterbium	176-1	6398	6468	6602	6489	1.59	cps
Ytterbium	176-2	1837	1743	1740	1773	3.09	cps
Yttrium	89-1	28499490	27642484	28517728	28219900	1.77	cps
Yttrium	89-2	1929990	1937437	1908323	1925250	0.79	cps
Zinc	66-2	297992	296674	297522	297396	0.22	cps
Zirconium	90-1	1557281	1542636	1568423	1556113	0.83	cps
Zirconium	91-1	326571	328390	325952	326971	0.39	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:26:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174814	172979	174280	174024	0.54	cps
Antimony	121-1	2187082	2174692	2172630	2178135	0.36	cps
Arsenic	75-2	40495	40869	41327	40897	1.02	cps
Barium	135-1	2691811	2682687	2660332	2678277	0.60	cps
Barium	137-1	4681350	4595272	4651473	4642698	0.94	cps
Beryllium	9-1	748209	747087	748489	747928	0.10	cps
Bismuth	209-1	13674856	13909372	13667664	13750630	1.00	cps
Bismuth	209-2	5243268	5696946	5369638	5436617	4.31	cps
Bromine	81-1	3964	4114	3961	4013	2.18	cps
Cadmium	108-1	44010	43268	43615	43631	0.85	cps
Cadmium	106-1	68727	68358	68244	68443	0.37	cps
Cadmium	111-1	541437	547242	549152	545944	0.74	cps
Calcium	43-1	693393	695131	696964	695163	0.26	cps
Calcium	44-1	11526723	11432254	11611841	11523606	0.78	cps
Carbon	12-1	3865731	3798252	3792660	3818881	1.06	cps
Carbon	12-2	25652	25355	25646	25551	0.66	cps
Chlorine	35-1	172440	173172	172032	172548	0.33	cps
Chlorine	35-2	623	680	690	664	5.41	cps
Chromium	52-2	448106	443723	448581	446803	0.60	cps
Cobalt	59-2	870458	873949	865925	870111	0.46	cps
Copper	63-2	6963173	6948335	7099398	7003635	1.19	cps
Dysprosium	156-1	100	90	103	98	7.10	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	147	133	133	138	5.59	cps
Erbium	164-2	27	7	43	26	71.82	cps
Gadolinium	160-1	137	150	137	141	5.45	cps
Gadolinium	160-2	27	50	37	38	30.98	cps
Holmium	165-1	21689281	21296743	21368113	21451379	0.97	cps
Holmium	165-2	6977152	7622549	7275874	7291858	4.43	cps
Indium	115-1	16152481	16060538	15963698	16058905	0.59	cps
Indium	115-2	1464405	1621212	1532409	1539342	5.11	cps
Iron	54-2	933199	927232	944246	934892	0.92	cps
Iron	56-2	17357275	17325299	17347668	17343414	0.09	cps
Iron	57-2	426939	424625	426942	426169	0.31	cps
Krypton	83-1	307	257	237	267	13.52	cps
Lead	206-1	9388721	9378727	9323309	9363586	0.38	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:26:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8053956	8017834	8012952	8028247	0.28	cps
Lead	208-1	37089259	37102012	37077371	37089547	0.03	cps
Lithium	6-1	8342862	8481981	8327191	8384011	1.02	cps
Magnesium	24-2	3335560	3307637	3299187	3314128	0.57	cps
Manganese	55-2	1909557	1889399	1886028	1894994	0.67	cps
Molybdenum	94-1	7587779	7560831	7529547	7559386	0.39	cps
Molybdenum	95-1	11022346	10882334	10750060	10884913	1.25	cps
Molybdenum	96-1	12157632	11985406	11967772	12036937	0.87	cps
Molybdenum	97-1	6843046	6758860	6780232	6794046	0.64	cps
Molybdenum	98-1	17887307	17571216	17688241	17715588	0.90	cps
Neodymium	150-1	180	170	180	177	3.27	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	240054	239675	241465	240398	0.39	cps
Phosphorus	31-2	8466	8496	8409	8457	0.52	cps
Potassium	39-2	850004	853467	850828	851433	0.21	cps
Rhodium	103-1	15081286	15143155	15019034	15081158	0.41	cps
Rhodium	103-2	5743073	6111874	5769485	5874811	3.50	cps
Scandium	45-1	11242042	11151322	11259122	11217495	0.52	cps
Scandium	45-2	207384	224664	213141	215063	4.09	cps
Selenium	82-1	32298	33197	32161	32552	1.73	cps
Selenium	77-2	417	523	577	506	16.11	cps
Selenium	78-2	1787	1783	1747	1772	1.25	cps
Silicon	28-1	2358480	2350875	2329967	2346441	0.63	cps
Silver	107-1	2922500	2861287	2884829	2889538	1.07	cps
Silver	109-1	2752544	2726141	2661208	2713298	1.73	cps
Sodium	23-2	6509498	6386840	6530090	6475476	1.20	cps
Strontium	86-1	680140	680250	676003	678798	0.36	cps
Strontium	88-1	6030411	6105556	6033749	6056572	0.70	cps
Sulfur	34-1	979157	957303	938035	958165	2.15	cps
Terbium	159-1	21618325	21856241	21826177	21766914	0.60	cps
Terbium	159-2	6748683	7422968	6948268	7039973	4.92	cps
Thallium	203-1	2342429	2327489	2351854	2340591	0.52	cps
Thallium	205-1	5440667	5497822	5413335	5450608	0.79	cps
Tin	118-1	1787350	1772083	1792160	1783864	0.59	cps
Titanium	47-1	3313051	3318090	3327541	3319561	0.22	cps
Uranium	238-1	7443791	7591286	7526514	7520530	0.98	cps

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LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:26:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	351820	347318	349785	349641	0.64	cps
Ytterbium	172-1	130	160	107	132	20.22	cps
Ytterbium	172-2	73	63	43	60	25.46	cps
Ytterbium	176-1	12336	12503	12633	12490	1.19	cps
Ytterbium	176-2	3804	3724	3847	3792	1.65	cps
Yttrium	89-1	27927097	27987264	27872365	27928909	0.21	cps
Yttrium	89-2	1904353	2071793	1902996	1959714	4.95	cps
Zinc	66-2	722199	718031	728418	722882	0.72	cps
Zirconium	90-1	3856853	3858654	3825897	3847135	0.48	cps
Zirconium	91-1	810157	809269	808931	809453	0.08	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:29:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338538	345606	340592	341578	1.06	cps
Antimony	121-1	4410424	4413712	4356527	4393554	0.73	cps
Arsenic	75-2	80562	80431	80136	80376	0.27	cps
Barium	135-1	5358722	5468327	5376434	5401161	1.09	cps
Barium	137-1	9195713	9141234	9206832	9181260	0.38	cps
Beryllium	9-1	1500391	1464061	1542128	1502193	2.60	cps
Bismuth	209-1	13440946	13703899	13430138	13524994	1.15	cps
Bismuth	209-2	5051654	5115736	5703864	5290418	6.80	cps
Bromine	81-1	3624	3884	3884	3797	3.95	cps
Cadmium	108-1	87496	87676	87361	87511	0.18	cps
Cadmium	106-1	126725	128327	127332	127461	0.63	cps
Cadmium	111-1	1064106	1068768	1072750	1068541	0.40	cps
Calcium	43-1	1423579	1454729	1387161	1421823	2.38	cps
Calcium	44-1	22660565	22947201	22537337	22715034	0.93	cps
Carbon	12-1	3895250	3853788	3865037	3871359	0.55	cps
Carbon	12-2	26450	26400	26450	26434	0.11	cps
Chlorine	35-1	169183	169654	170487	169775	0.39	cps
Chlorine	35-2	667	683	700	683	2.44	cps
Chromium	52-2	881734	887215	871996	880315	0.88	cps
Cobalt	59-2	1759214	1762802	1734441	1752153	0.88	cps
Copper	63-2	13608044	13548759	13677459	13611420	0.47	cps
Dysprosium	156-1	157	117	140	138	14.58	cps
Dysprosium	156-2	37	17	13	22	56.80	cps
Erbium	164-1	167	150	150	156	6.19	cps
Erbium	164-2	50	43	40	44	11.46	cps
Gadolinium	160-1	217	177	213	202	10.98	cps
Gadolinium	160-2	23	20	30	24	20.83	cps
Holmium	165-1	21315183	21109281	21443691	21289385	0.79	cps
Holmium	165-2	6958606	6988438	7866319	7271121	7.09	cps
Indium	115-1	16061758	15745966	15825485	15877736	1.03	cps
Indium	115-2	1439223	1442999	1659830	1514018	8.34	cps
Iron	54-2	1902382	1927625	1899787	1909931	0.81	cps
Iron	56-2	34447034	34581831	34096794	34375219	0.73	cps
Iron	57-2	839302	833994	831905	835067	0.46	cps
Krypton	83-1	303	227	273	268	14.43	cps
Lead	206-1	18711794	18669124	18638277	18673065	0.20	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:29:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16103613	16268991	16122774	16165126	0.56	cps
Lead	208-1	73649103	74405533	74153877	74069504	0.52	cps
Lithium	6-1	8192828	8227562	8150824	8190404	0.47	cps
Magnesium	24-2	6496114	6534869	6348482	6459822	1.52	cps
Manganese	55-2	3793867	3809539	3677208	3760205	1.92	cps
Molybdenum	94-1	15058059	15097689	14976584	15044111	0.41	cps
Molybdenum	95-1	21784789	21619273	21960381	21788148	0.78	cps
Molybdenum	96-1	24239661	23904224	24278335	24140740	0.85	cps
Molybdenum	97-1	13640650	13357720	13565387	13521252	1.08	cps
Molybdenum	98-1	35736694	35698840	35566686	35667407	0.25	cps
Neodymium	150-1	317	327	340	328	3.57	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	471515	473705	469311	471511	0.47	cps
Phosphorus	31-2	15855	16756	16253	16288	2.77	cps
Potassium	39-2	1752627	1739784	1723891	1738767	0.83	cps
Rhodium	103-1	14597018	14497871	14662172	14585687	0.57	cps
Rhodium	103-2	5534982	5553185	6248326	5778831	7.04	cps
Scandium	45-1	11138269	11063703	10976435	11059469	0.73	cps
Scandium	45-2	204186	202061	231507	212584	7.72	cps
Selenium	82-1	64318	65814	64335	64822	1.33	cps
Selenium	77-2	1023	1070	943	1012	6.33	cps
Selenium	78-2	3694	3704	3590	3663	1.71	cps
Silicon	28-1	4093503	4026541	4001882	4040642	1.17	cps
Silver	107-1	5694700	5637873	5680096	5670890	0.52	cps
Silver	109-1	5312201	5285671	5410730	5336201	1.23	cps
Sodium	23-2	12628354	12672265	12718386	12673002	0.36	cps
Strontium	86-1	1340827	1362098	1360101	1354342	0.87	cps
Strontium	88-1	11965420	11945645	11960113	11957059	0.09	cps
Sulfur	34-1	1090176	1090574	1075069	1085273	0.81	cps
Terbium	159-1	21946758	22150821	21732921	21943500	0.95	cps
Terbium	159-2	6681182	6685726	7438406	6935105	6.29	cps
Thallium	203-1	4690437	4541555	4629493	4620495	1.62	cps
Thallium	205-1	10749826	10914775	10772139	10812247	0.83	cps
Tin	118-1	3547241	3592887	3525182	3555103	0.97	cps
Titanium	47-1	6590267	6621704	6579308	6597093	0.33	cps
Uranium	238-1	14746639	15054205	14867561	14889468	1.04	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:29:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	691510	699127	694610	695082	0.55	cps
Ytterbium	172-1	127	143	183	151	19.27	cps
Ytterbium	172-2	60	63	67	63	5.27	cps
Ytterbium	176-1	22509	23020	22830	22786	1.13	cps
Ytterbium	176-2	6912	7362	7219	7164	3.21	cps
Yttrium	89-1	27699965	27559788	27677138	27645630	0.27	cps
Yttrium	89-2	1890081	1857506	2083792	1943793	6.29	cps
Zinc	66-2	1418524	1425549	1416204	1420092	0.34	cps
Zirconium	90-1	7457293	7458193	7460316	7458601	0.02	cps
Zirconium	91-1	1693892	1686379	1684461	1688244	0.30	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:32:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	676165	681053	682762	679994	0.50	cps
Antimony	121-1	8606646	8544716	8688869	8613410	0.84	cps
Arsenic	75-2	160826	159424	162040	160763	0.81	cps
Barium	135-1	10688744	10417959	10642798	10583167	1.37	cps
Barium	137-1	18306537	18097098	18504147	18302594	1.11	cps
Beryllium	9-1	2880780	2955912	2857202	2897965	1.78	cps
Bismuth	209-1	13408150	13530558	13328994	13422567	0.76	cps
Bismuth	209-2	5051930	5087016	5123345	5087430	0.70	cps
Bromine	81-1	3611	3771	3757	3713	2.39	cps
Cadmium	108-1	166040	170212	169832	168695	1.37	cps
Cadmium	106-1	241142	241427	241874	241481	0.15	cps
Cadmium	111-1	2202939	2166461	2160957	2176786	1.05	cps
Calcium	43-1	2749989	2782647	2819077	2783905	1.24	cps
Calcium	44-1	44340811	44671776	44954676	44655754	0.69	cps
Carbon	12-1	4026187	4087860	4181604	4098550	1.91	cps
Carbon	12-2	29406	29637	29991	29678	0.99	cps
Chlorine	35-1	175861	177592	178908	177453	0.86	cps
Chlorine	35-2	637	863	663	721	17.18	cps
Chromium	52-2	1821665	1821234	1784907	1809269	1.17	cps
Cobalt	59-2	3464380	3450587	3519023	3477996	1.04	cps
Copper	63-2	27355492	26815894	27213013	27128133	1.03	cps
Dysprosium	156-1	227	183	223	211	11.42	cps
Dysprosium	156-2	27	43	10	27	62.49	cps
Erbium	164-1	193	160	187	180	9.80	cps
Erbium	164-2	50	67	103	73	37.21	cps
Gadolinium	160-1	220	173	170	188	14.89	cps
Gadolinium	160-2	83	47	47	59	35.94	cps
Holmium	165-1	21292758	21287101	21247118	21275659	0.12	cps
Holmium	165-2	6858970	6961728	6877830	6899509	0.79	cps
Indium	115-1	15856637	15777712	15826756	15820368	0.25	cps
Indium	115-2	1412462	1429574	1430931	1424322	0.72	cps
Iron	54-2	3779068	3736565	3707833	3741155	0.96	cps
Iron	56-2	68577924	68054927	67847896	68160249	0.55	cps
Iron	57-2	1757207	1723439	1729557	1736734	1.04	cps
Krypton	83-1	270	290	343	301	12.59	cps
Lead	206-1	35938001	36094280	36548483	36193588	0.88	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:32:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	31236024	31161605	31761494	31386374	1.04	cps
Lead	208-1	144535210	145050387	145974084	145186560	0.50	cps
Lithium	6-1	7730846	8134141	7904448	7923145	2.55	cps
Magnesium	24-2	12603956	12742857	12571024	12639279	0.72	cps
Manganese	55-2	7371037	7357893	7188862	7305931	1.39	cps
Molybdenum	94-1	29721082	29813865	30090788	29875245	0.64	cps
Molybdenum	95-1	42775408	42881489	42753502	42803466	0.16	cps
Molybdenum	96-1	46986946	47508211	47111596	47202251	0.58	cps
Molybdenum	97-1	26261227	26938546	26531922	26577232	1.28	cps
Molybdenum	98-1	70716252	69984986	70541674	70414304	0.54	cps
Neodymium	150-1	593	567	527	562	5.97	cps
Neodymium	150-2	27	27	27	27	0.00	cps
Nickel	60-2	990933	1002713	1001345	998330	0.65	cps
Phosphorus	31-2	32610	32697	31845	32384	1.45	cps
Potassium	39-2	3421888	3416629	3430735	3423084	0.21	cps
Rhodium	103-1	14431796	14629152	14414990	14491979	0.82	cps
Rhodium	103-2	5452894	5494253	5547742	5498296	0.86	cps
Scandium	45-1	10970639	11083997	10887848	10980828	0.90	cps
Scandium	45-2	203969	203193	204811	203991	0.40	cps
Selenium	82-1	124919	126006	126239	125721	0.56	cps
Selenium	77-2	2044	2037	1940	2007	2.88	cps
Selenium	78-2	6928	6762	7075	6922	2.27	cps
Silicon	28-1	7347130	7272219	7493030	7370793	1.52	cps
Silver	107-1	10778276	10845484	10693228	10772329	0.71	cps
Silver	109-1	10182455	10332952	10177194	10230867	0.86	cps
Sodium	23-2	25338230	25082750	25067468	25162816	0.60	cps
Strontium	86-1	2733729	2774351	2782007	2763362	0.94	cps
Strontium	88-1	23541133	24105593	23683095	23776607	1.23	cps
Sulfur	34-1	1423853	1426841	1412900	1421198	0.52	cps
Terbium	159-1	21877492	21675387	21897420	21816766	0.56	cps
Terbium	159-2	6801659	6799433	6722898	6774663	0.66	cps
Thallium	203-1	8919511	8836930	9050821	8935754	1.21	cps
Thallium	205-1	21103084	21124542	21386235	21204621	0.74	cps
Tin	118-1	6956640	6966046	6975825	6966170	0.14	cps
Titanium	47-1	12906960	12798546	12917695	12874400	0.51	cps
Uranium	238-1	29744430	30316935	29816383	29959250	1.04	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:32:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1442477	1426682	1414287	1427815	0.99	cps
Ytterbium	172-1	203	233	190	209	10.63	cps
Ytterbium	172-2	97	83	73	84	13.87	cps
Ytterbium	176-1	43391	43307	43786	43495	0.59	cps
Ytterbium	176-2	14445	14448	14118	14337	1.32	cps
Yttrium	89-1	27469329	28105992	27734258	27769860	1.15	cps
Yttrium	89-2	1890128	1852672	1927629	1890143	1.98	cps
Zinc	66-2	2901842	2902808	2908517	2904389	0.12	cps
Zirconium	90-1	14791726	14900321	15013420	14901822	0.74	cps
Zirconium	91-1	3324720	3339278	3300420	3321473	0.59	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:35:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1376160	1411842	1386515	1391505	1.32	cps
Antimony	121-1	17128829	17164885	17133786	17142500	0.11	cps
Arsenic	75-2	316502	320033	316554	317697	0.64	cps
Barium	135-1	20809475	20841743	20830413	20827210	0.08	cps
Barium	137-1	35225134	36207339	36228851	35887108	1.60	cps
Beryllium	9-1	5524923	5575351	5566892	5555722	0.49	cps
Bismuth	209-1	13266569	13296629	13148480	13237226	0.59	cps
Bismuth	209-2	4962519	4973380	4906539	4947479	0.72	cps
Bromine	81-1	3811	3857	4254	3974	6.13	cps
Cadmium	108-1	333020	335357	336547	334975	0.54	cps
Cadmium	106-1	468585	477108	475334	473676	0.95	cps
Cadmium	111-1	4242315	4314216	4283061	4279864	0.84	cps
Calcium	43-1	5482351	5455643	5434007	5457334	0.44	cps
Calcium	44-1	88742239	88847492	88143115	88577615	0.43	cps
Carbon	12-1	5015393	5295800	5432304	5247832	4.05	cps
Carbon	12-2	39132	39095	39684	39304	0.84	cps
Chlorine	35-1	195100	197961	199400	197487	1.11	cps
Chlorine	35-2	820	890	857	856	4.09	cps
Chromium	52-2	3675284	3629330	3612204	3638939	0.90	cps
Cobalt	59-2	6782853	6828543	6681744	6764380	1.11	cps
Copper	63-2	51520534	52347524	51636198	51834752	0.86	cps
Dysprosium	156-1	420	423	433	426	1.63	cps
Dysprosium	156-2	40	40	60	47	24.74	cps
Erbium	164-1	330	277	283	297	9.80	cps
Erbium	164-2	87	87	120	98	19.68	cps
Gadolinium	160-1	257	303	337	299	13.44	cps
Gadolinium	160-2	90	73	47	70	31.22	cps
Holmium	165-1	21323668	21820416	21325027	21489704	1.33	cps
Holmium	165-2	6975175	6929772	6996547	6967164	0.49	cps
Indium	115-1	15399427	15728972	15423065	15517155	1.18	cps
Indium	115-2	1380854	1388006	1380243	1383034	0.31	cps
Iron	54-2	7407283	7439486	7356729	7401166	0.56	cps
Iron	56-2	135602298	135509668	132905058	134672341	1.14	cps
Iron	57-2	3361915	3415841	3378313	3385356	0.82	cps
Krypton	83-1	263	300	297	287	7.07	cps
Lead	206-1	71120836	72085739	71989704	71732093	0.74	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:35:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	61743706	62130422	61426487	61766872	0.57	cps
Lead	208-1	283088519	286742486	285136116	284989040	0.64	cps
Lithium	6-1	7773957	7923291	7889299	7862182	1.00	cps
Magnesium	24-2	24972955	25223662	25399104	25198574	0.85	cps
Manganese	55-2	14749848	14849301	14732390	14777180	0.43	cps
Molybdenum	94-1	59113382	59988422	59506349	59536051	0.74	cps
Molybdenum	95-1	85749620	86414887	85320110	85828206	0.64	cps
Molybdenum	96-1	93858252	95056642	94678112	94531002	0.65	cps
Molybdenum	97-1	52308154	53329446	53431886	53023162	1.17	cps
Molybdenum	98-1	138390685	140722321	140293715	139802240	0.89	cps
Neodymium	150-1	1240	1267	1230	1246	1.52	cps
Neodymium	150-2	60	43	40	48	22.43	cps
Nickel	60-2	1902800	1901916	1924714	1909810	0.68	cps
Phosphorus	31-2	65219	64124	64509	64617	0.86	cps
Potassium	39-2	6670294	6709616	6603091	6661001	0.81	cps
Rhodium	103-1	14150654	14349089	14255815	14251853	0.70	cps
Rhodium	103-2	5389971	5316564	5263233	5323256	1.20	cps
Scandium	45-1	10801590	11006427	10765479	10857832	1.20	cps
Scandium	45-2	203967	206356	204734	205019	0.60	cps
Selenium	82-1	252700	251875	249962	251512	0.56	cps
Selenium	77-2	3877	3981	3881	3913	1.50	cps
Selenium	78-2	13593	13517	13750	13620	0.87	cps
Silicon	28-1	13724729	13634111	13741318	13700053	0.42	cps
Silver	107-1	21106713	21412667	21309561	21276314	0.73	cps
Silver	109-1	20157858	20249504	20485581	20297648	0.83	cps
Sodium	23-2	49689211	49581988	49836598	49702599	0.26	cps
Strontium	86-1	5436384	5537110	5457609	5477034	0.97	cps
Strontium	88-1	47031584	47699259	47809481	47513442	0.89	cps
Sulfur	34-1	2112483	2106370	2089988	2102947	0.55	cps
Terbium	159-1	22019197	21761789	21662496	21814494	0.84	cps
Terbium	159-2	6748173	6765819	6740526	6751506	0.19	cps
Thallium	203-1	17490206	17903798	17793696	17729233	1.21	cps
Thallium	205-1	41651401	42103024	42311764	42022063	0.80	cps
Tin	118-1	13698807	13825858	13865399	13796688	0.63	cps
Titanium	47-1	25624050	25839580	25730788	25731472	0.42	cps
Uranium	238-1	59991802	59740479	60192126	59974802	0.38	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:35:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2846852	2857401	2810945	2838399	0.86	cps
Ytterbium	172-1	330	330	307	322	4.18	cps
Ytterbium	172-2	120	100	113	111	9.17	cps
Ytterbium	176-1	85293	85149	86142	85528	0.63	cps
Ytterbium	176-2	27585	27739	27579	27634	0.33	cps
Yttrium	89-1	27493047	27900240	27816230	27736506	0.78	cps
Yttrium	89-2	1928646	1860866	1875105	1888206	1.89	cps
Zinc	66-2	5579883	5634992	5549301	5588059	0.78	cps
Zirconium	90-1	29750035	29654433	29672443	29692304	0.17	cps
Zirconium	91-1	6720904	6532721	6573889	6609171	1.50	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:38:06	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6299538	6461026	6451193	6403919	1.41	cps
Antimony	121-1	15656	15185	15479	15440	1.54	cps
Arsenic	75-2	160	200	180	180	11.11	cps
Barium	135-1	7422	7405	7305	7378	0.86	cps
Barium	137-1	13060	12779	12396	12745	2.62	cps
Beryllium	9-1	2230	1996	1797	2008	10.78	cps
Bismuth	209-1	11576605	11440184	11471514	11496101	0.62	cps
Bismuth	209-2	4479433	4453768	4587944	4507048	1.58	cps
Bromine	81-1	3701	3981	4184	3955	6.14	cps
Cadmium	108-1	210	247	237	231	8.20	cps
Cadmium	106-1	7439	7302	7222	7321	1.50	cps
Cadmium	111-1	5663	5509	5466	5546	1.87	cps
Calcium	43-1	25058662	24873331	25051606	24994533	0.42	cps
Calcium	44-1	403442621	405691754	407578727	405571034	0.51	cps
Carbon	12-1	4029078	4223339	4256848	4169755	2.95	cps
Carbon	12-2	39416	40265	39844	39842	1.07	cps
Chlorine	35-1	149459	148712	150806	149659	0.71	cps
Chlorine	35-2	530	637	647	604	10.70	cps
Chromium	52-2	10934	10898	10721	10851	1.05	cps
Cobalt	59-2	13900	13570	13196	13555	2.60	cps
Copper	63-2	11335	10884	10701	10973	2.97	cps
Dysprosium	156-1	693	720	667	693	3.85	cps
Dysprosium	156-2	200	163	190	184	10.27	cps
Erbium	164-1	690	693	810	731	9.35	cps
Erbium	164-2	227	253	167	216	20.59	cps
Gadolinium	160-1	600	733	713	682	10.54	cps
Gadolinium	160-2	243	283	213	247	14.24	cps
Holmium	165-1	19996351	19699206	19918534	19871364	0.78	cps
Holmium	165-2	6730408	6691654	6870478	6764180	1.39	cps
Indium	115-1	14132411	13987360	14184125	14101299	0.72	cps
Indium	115-2	1329169	1335798	1357334	1340767	1.10	cps
Iron	54-2	33467569	33637021	32911270	33338620	1.14	cps
Iron	56-2	615992111	614357498	611375711	613908440	0.38	cps
Iron	57-2	15661310	15604568	15475780	15580553	0.61	cps
Krypton	83-1	347	320	280	316	10.63	cps
Lead	206-1	14528	13614	12830	13657	6.22	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:38:06	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12530	11362	11198	11697	6.21	cps
Lead	208-1	56672	53039	51875	53862	4.64	cps
Lithium	6-1	7178770	6980398	6998688	7052619	1.55	cps
Magnesium	24-2	116874712	115262758	118215768	116784413	1.27	cps
Manganese	55-2	6288	6558	6195	6347	2.97	cps
Molybdenum	94-1	41294	41615	41087	41332	0.64	cps
Molybdenum	95-1	42114	41957	42321	42130	0.43	cps
Molybdenum	96-1	49759	48193	48358	48770	1.76	cps
Molybdenum	97-1	26151	27030	25878	26353	2.28	cps
Molybdenum	98-1	66877	67650	66451	66993	0.91	cps
Neodymium	150-1	313	350	327	330	5.62	cps
Neodymium	150-2	87	73	107	89	18.88	cps
Nickel	60-2	6885	6895	6535	6772	3.03	cps
Phosphorus	31-2	147	120	97	121	20.66	cps
Potassium	39-2	31804061	32180578	32132134	32038924	0.64	cps
Rhodium	103-1	12348672	12375244	12436454	12386790	0.36	cps
Rhodium	103-2	4823878	4808668	4948603	4860383	1.58	cps
Scandium	45-1	10146380	10088052	9927411	10053948	1.13	cps
Scandium	45-2	190006	192852	195311	192723	1.38	cps
Selenium	82-1	-43	-23	30	-12	-310.08	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	13	3	23	13	75.02	cps
Silicon	28-1	656714	653448	636970	649044	1.63	cps
Silver	107-1	4044	3644	3691	3793	5.77	cps
Silver	109-1	3484	3394	3214	3364	4.09	cps
Sodium	23-2	221783270	225772503	224659690	224071821	0.92	cps
Strontium	86-1	16176	16106	16129	16137	0.22	cps
Strontium	88-1	138984	140404	140919	140102	0.72	cps
Sulfur	34-1	630709	629929	639013	633217	0.80	cps
Terbium	159-1	20114345	20341038	20241254	20232212	0.56	cps
Terbium	159-2	6420264	6454809	6634283	6503119	1.77	cps
Thallium	203-1	1837	1560	1527	1641	10.37	cps
Thallium	205-1	4277	3824	3384	3828	11.67	cps
Tin	118-1	3914	4081	3527	3841	7.39	cps
Titanium	47-1	3314	3210	3224	3249	1.73	cps
Uranium	238-1	2837	2410	2287	2511	11.49	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 14:38:06	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	633	797	727	719	11.40	cps
Ytterbium	172-1	900	807	867	858	5.51	cps
Ytterbium	172-2	353	363	337	351	3.84	cps
Ytterbium	176-1	2734	2597	2674	2668	2.57	cps
Ytterbium	176-2	513	687	580	593	14.74	cps
Yttrium	89-1	25597856	25912684	26076415	25862319	0.94	cps
Yttrium	89-2	1825933	1810138	1875955	1837342	1.87	cps
Zinc	66-2	3174	3010	2934	3039	4.03	cps
Zirconium	90-1	46668	47287	47016	46990	0.66	cps
Zirconium	91-1	10441	10327	9997	10255	2.25	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:14:28	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35059	35630	34962	35217	1.03	cps
Antimony	121-1	3602552	3552155	3569037	3574581	0.72	cps
Arsenic	75-2	68998	69417	69651	69355	0.48	cps
Barium	135-1	422109	424575	427121	424602	0.59	cps
Barium	137-1	737750	740976	758483	745736	1.50	cps
Beryllium	9-1	630827	627302	629491	629207	0.28	cps
Bismuth	209-1	14157021	13828535	13578384	13854647	2.09	cps
Bismuth	209-2	5399245	5331713	5724798	5485252	3.83	cps
Bromine	81-1	4174	4114	4017	4102	1.93	cps
Cadmium	108-1	29612	29622	29946	29726	0.64	cps
Cadmium	106-1	47889	47090	46715	47232	1.27	cps
Cadmium	111-1	443284	455224	449526	449345	1.33	cps
Calcium	43-1	112351	113248	112452	112684	0.44	cps
Calcium	44-1	1918293	1884503	1920662	1907819	1.06	cps
Carbon	12-1	3702583	3763075	3746622	3737427	0.84	cps
Carbon	12-2	25122	25111	25419	25217	0.69	cps
Chlorine	35-1	153733	154194	152180	153369	0.69	cps
Chlorine	35-2	550	607	597	584	5.18	cps
Chromium	52-2	386021	382157	382871	383683	0.54	cps
Cobalt	59-2	747925	746309	747610	747282	0.11	cps
Copper	63-2	590516	587886	588046	588816	0.25	cps
Dysprosium	156-1	33	23	70	42	58.20	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	140	123	103	122	15.02	cps
Erbium	164-2	27	27	47	33	34.64	cps
Gadolinium	160-1	137	77	150	121	32.25	cps
Gadolinium	160-2	17	30	27	24	28.38	cps
Holmium	165-1	21277900	21000847	20918677	21065808	0.89	cps
Holmium	165-2	7077489	7029703	7508875	7205356	3.66	cps
Indium	115-1	16386082	16415490	16264629	16355400	0.49	cps
Indium	115-2	1555396	1519293	1659150	1577946	4.60	cps
Iron	54-2	324240	318259	320338	320946	0.95	cps
Iron	56-2	5817734	5808844	5664673	5763751	1.49	cps
Iron	57-2	143547	141110	139992	141550	1.28	cps
Krypton	83-1	260	277	287	274	4.91	cps
Lead	206-1	3083034	3166427	3181182	3143548	1.68	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:14:28	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2555563	2607029	2598527	2587040	1.07	cps
Lead	208-1	12018849	12078803	12118734	12072129	0.42	cps
Lithium	6-1	8428343	8381873	8460030	8423415	0.47	cps
Magnesium	24-2	301582	302587	302464	302211	0.18	cps
Manganese	55-2	155514	152199	153953	153889	1.08	cps
Molybdenum	94-1	973	960	1040	991	4.32	cps
Molybdenum	95-1	410	443	400	418	5.43	cps
Molybdenum	96-1	1380	1443	1203	1342	9.27	cps
Molybdenum	97-1	207	237	250	231	9.60	cps
Molybdenum	98-1	703	700	810	738	8.48	cps
Neodymium	150-1	50	37	73	53	34.79	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	209084	208399	207583	208356	0.36	cps
Phosphorus	31-2	103	113	83	100	15.28	cps
Potassium	39-2	289496	287174	288753	288474	0.41	cps
Rhodium	103-1	15449809	15581438	15623495	15551580	0.58	cps
Rhodium	103-2	5866433	5843539	6194138	5968037	3.29	cps
Scandium	45-1	11398108	11410079	11559058	11455748	0.78	cps
Scandium	45-2	213496	212438	228890	218275	4.22	cps
Selenium	82-1	55366	55895	54928	55397	0.87	cps
Selenium	77-2	943	900	910	918	2.47	cps
Selenium	78-2	3027	3117	3014	3053	1.84	cps
Silicon	28-1	554226	550780	552639	552548	0.31	cps
Silver	107-1	1050884	1069870	1074616	1065123	1.18	cps
Silver	109-1	1007449	1037228	1030352	1025010	1.52	cps
Sodium	23-2	1140124	1118252	1152889	1137088	1.54	cps
Strontium	86-1	1950	1910	2004	1955	2.40	cps
Strontium	88-1	12599	12456	12596	12550	0.65	cps
Sulfur	34-1	738407	733816	725227	732483	0.91	cps
Terbium	159-1	21824455	21755641	21889351	21823149	0.31	cps
Terbium	159-2	6911662	6862518	7310466	7028215	3.50	cps
Thallium	203-1	3750590	3827288	3805202	3794360	1.04	cps
Thallium	205-1	8838929	8960244	8844571	8881248	0.77	cps
Tin	118-1	3234	3277	3124	3212	2.46	cps
Titanium	47-1	877	833	920	877	4.94	cps
Uranium	238-1	67	77	43	62	27.50	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P8
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:14:28	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	293555	291640	291945	292380	0.35	cps
Ytterbium	172-1	97	117	120	111	11.36	cps
Ytterbium	172-2	60	50	37	49	23.94	cps
Ytterbium	176-1	2150	2210	2087	2149	2.87	cps
Ytterbium	176-2	453	447	477	459	3.43	cps
Yttrium	89-1	28637313	29026467	28682277	28782019	0.74	cps
Yttrium	89-2	1963905	1952442	2043400	1986582	2.49	cps
Zinc	66-2	118110	116944	117304	117453	0.51	cps
Zirconium	90-1	1347	1237	1217	1267	5.53	cps
Zirconium	91-1	847	980	890	906	7.51	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:18:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	93	120	84	48.24	cps
Antimony	121-1	890	677	627	731	19.13	cps
Arsenic	75-2	10	3	0	4	114.60	cps
Barium	135-1	210	203	153	189	16.40	cps
Barium	137-1	327	317	283	309	7.34	cps
Beryllium	9-1	592	576	575	581	1.68	cps
Bismuth	209-1	13866471	13855526	13811082	13844360	0.21	cps
Bismuth	209-2	5339440	5369756	5397077	5368758	0.54	cps
Bromine	81-1	4184	4041	3911	4045	3.38	cps
Cadmium	108-1	47	33	40	40	16.68	cps
Cadmium	106-1	7649	7836	7752	7746	1.21	cps
Cadmium	111-1	5385	5508	5449	5447	1.13	cps
Calcium	43-1	430	440	433	434	1.17	cps
Calcium	44-1	26982	27219	26795	26999	0.79	cps
Carbon	12-1	3599381	3479975	3480479	3519945	1.95	cps
Carbon	12-2	22981	23329	23278	23196	0.81	cps
Chlorine	35-1	152514	150510	150459	151161	0.78	cps
Chlorine	35-2	563	567	637	589	7.03	cps
Chromium	52-2	847	940	1047	944	10.60	cps
Cobalt	59-2	137	130	107	124	12.66	cps
Copper	63-2	2444	2460	2287	2397	3.99	cps
Dysprosium	156-1	40	47	57	48	17.56	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	83	90	87	87	3.85	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	120	127	160	136	15.81	cps
Gadolinium	160-2	20	17	27	21	24.12	cps
Holmium	165-1	21262582	21440733	21302749	21335355	0.44	cps
Holmium	165-2	7043003	7124555	7048082	7071880	0.65	cps
Indium	115-1	16384240	16402013	16688185	16491479	1.03	cps
Indium	115-2	1569341	1568556	1548931	1562276	0.74	cps
Iron	54-2	507	413	430	450	11.06	cps
Iron	56-2	5871	5831	5681	5795	1.73	cps
Iron	57-2	137	200	153	163	20.10	cps
Krypton	83-1	277	310	267	284	7.98	cps
Lead	206-1	2704	2607	2570	2627	2.62	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:18:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2337	2220	2254	2270	2.65	cps
Lead	208-1	10715	10338	10332	10462	2.10	cps
Lithium	6-1	8211609	8423012	8704913	8446511	2.93	cps
Magnesium	24-2	2000	2230	2104	2111	5.46	cps
Manganese	55-2	167	167	200	178	10.82	cps
Molybdenum	94-1	403	450	373	409	9.45	cps
Molybdenum	95-1	183	143	147	158	14.07	cps
Molybdenum	96-1	273	307	213	264	17.88	cps
Molybdenum	97-1	103	113	93	103	9.68	cps
Molybdenum	98-1	233	227	300	253	16.01	cps
Neodymium	150-1	33	27	20	27	24.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	777	770	760	769	1.09	cps
Phosphorus	31-2	107	103	147	119	20.28	cps
Potassium	39-2	13343	12999	13310	13217	1.43	cps
Rhodium	103-1	15648399	15666978	15732374	15682584	0.28	cps
Rhodium	103-2	5783925	5929793	5856438	5856719	1.25	cps
Scandium	45-1	11363737	11291164	11335612	11330171	0.32	cps
Scandium	45-2	215153	212781	214557	214164	0.58	cps
Selenium	82-1	-13	-70	0	-28	-133.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	17	10	11	45.82	cps
Silicon	28-1	535698	534755	532595	534349	0.30	cps
Silver	107-1	637	510	473	540	15.87	cps
Silver	109-1	467	427	400	431	7.78	cps
Sodium	23-2	76258	75832	76117	76069	0.28	cps
Strontium	86-1	587	507	493	529	9.54	cps
Strontium	88-1	787	697	780	754	6.65	cps
Sulfur	34-1	731419	731716	729568	730901	0.16	cps
Terbium	159-1	22127847	21696784	21953776	21926136	0.99	cps
Terbium	159-2	6930038	6810966	6924162	6888389	0.97	cps
Thallium	203-1	647	557	573	592	8.09	cps
Thallium	205-1	1720	1460	1390	1523	11.42	cps
Tin	118-1	3374	3200	2960	3178	6.53	cps
Titanium	47-1	213	177	257	216	18.58	cps
Uranium	238-1	23	30	33	29	17.63	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P8
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:18:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	7	23	11	96.43	cps
Ytterbium	172-1	143	80	130	118	28.35	cps
Ytterbium	172-2	37	40	57	44	24.11	cps
Ytterbium	176-1	2190	2164	2100	2151	2.15	cps
Ytterbium	176-2	477	410	470	452	8.12	cps
Yttrium	89-1	28493602	28703841	28284033	28493825	0.74	cps
Yttrium	89-2	1964436	1946652	1959011	1956700	0.47	cps
Zinc	66-2	243	253	237	244	3.43	cps
Zirconium	90-1	923	1003	917	948	5.09	cps
Zirconium	91-1	227	190	163	193	16.45	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:21:42	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6326829	6445087	6393625	6388514	0.93	cps
Antimony	121-1	18970	18983	19848	19267	2.61	cps
Arsenic	75-2	130	80	70	93	34.44	cps
Barium	135-1	5765	5911	6045	5907	2.37	cps
Barium	137-1	10091	10407	10648	10382	2.69	cps
Beryllium	9-1	2077	2044	2017	2046	1.47	cps
Bismuth	209-1	12739411	12643194	12701436	12694681	0.38	cps
Bismuth	209-2	4728762	4712323	4760418	4733834	0.52	cps
Bromine	81-1	5875	6318	6295	6163	4.05	cps
Cadmium	108-1	6171	5751	6108	6010	3.77	cps
Cadmium	106-1	7469	7242	7169	7293	2.15	cps
Cadmium	111-1	8127	7942	7734	7934	2.48	cps
Calcium	43-1	5511796	5464248	5437834	5471293	0.69	cps
Calcium	44-1	89703955	89346545	87803715	88951405	1.14	cps
Carbon	12-1	44215274	45325804	44859429	44800169	1.24	cps
Carbon	12-2	301582	300248	297340	299723	0.72	cps
Chlorine	35-1	76028824	82473160	85490069	81330684	5.94	cps
Chlorine	35-2	348177	357410	355414	353667	1.37	cps
Chromium	52-2	70462	70630	70747	70613	0.20	cps
Cobalt	59-2	7742	7762	7725	7743	0.24	cps
Copper	63-2	44128	43881	44362	44124	0.55	cps
Dysprosium	156-1	110	120	120	117	4.95	cps
Dysprosium	156-2	27	17	20	21	24.12	cps
Erbium	164-1	170	147	163	160	7.51	cps
Erbium	164-2	63	60	70	64	7.90	cps
Gadolinium	160-1	180	150	210	180	16.67	cps
Gadolinium	160-2	53	47	50	50	6.66	cps
Holmium	165-1	21140686	20995245	20846039	20993990	0.70	cps
Holmium	165-2	6743079	6740290	6845301	6776223	0.88	cps
Indium	115-1	15167803	15189073	15414918	15257265	0.90	cps
Indium	115-2	1362254	1363606	1379101	1368320	0.68	cps
Iron	54-2	14576362	14321914	14447220	14448499	0.88	cps
Iron	56-2	270071663	266229756	267557929	267953116	0.73	cps
Iron	57-2	6705645	6792480	6702684	6733603	0.76	cps
Krypton	83-1	293	260	340	298	13.49	cps
Lead	206-1	69059	67860	66469	67796	1.91	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:21:42	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	54628	53098	52643	53456	1.95	cps
Lead	208-1	257386	253253	249924	253521	1.47	cps
Lithium	6-1	7691971	7769554	7566206	7675910	1.34	cps
Magnesium	24-2	23618835	23923515	23569477	23703942	0.81	cps
Manganese	55-2	11131	11121	11321	11191	1.01	cps
Molybdenum	94-1	9529655	9527034	9585654	9547448	0.35	cps
Molybdenum	95-1	16816431	16729731	16833231	16793131	0.33	cps
Molybdenum	96-1	18150195	17972573	18265210	18129326	0.81	cps
Molybdenum	97-1	10390009	10454367	10410162	10418179	0.32	cps
Molybdenum	98-1	27324768	27502257	27791233	27539419	0.85	cps
Neodymium	150-1	83	77	80	80	4.16	cps
Neodymium	150-2	23	10	20	18	39.03	cps
Nickel	60-2	10227	10180	10534	10314	1.86	cps
Phosphorus	31-2	328572	326870	326654	327365	0.32	cps
Potassium	39-2	13333529	13201241	13132798	13222522	0.77	cps
Rhodium	103-1	13816907	13598156	13683905	13699656	0.80	cps
Rhodium	103-2	5157761	5166093	5217971	5180608	0.63	cps
Scandium	45-1	10838207	10696400	10474680	10669762	1.72	cps
Scandium	45-2	196052	194552	200083	196896	1.45	cps
Selenium	82-1	23	60	7	30	90.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	10	0	7	86.60	cps
Silicon	28-1	880436	875643	876485	877522	0.29	cps
Silver	107-1	1673	1233	1083	1330	23.06	cps
Silver	109-1	1513	1040	897	1150	28.06	cps
Sodium	23-2	49852854	49886519	50131659	49957011	0.30	cps
Strontium	86-1	182164	182950	184488	183201	0.65	cps
Strontium	88-1	1659070	1613977	1616954	1630000	1.55	cps
Sulfur	34-1	7652186	7539235	7665725	7619049	0.91	cps
Terbium	159-1	21271088	21103671	21265141	21213300	0.45	cps
Terbium	159-2	6590122	6438294	6551964	6526793	1.21	cps
Thallium	203-1	1907	2044	1843	1931	5.29	cps
Thallium	205-1	4661	4524	4708	4631	2.06	cps
Tin	118-1	5678	6021	6171	5957	4.25	cps
Titanium	47-1	5469993	5348485	5231277	5349918	2.23	cps
Uranium	238-1	1007	957	1107	1023	7.46	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P8
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:21:42	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	390	353	430	391	9.80	cps
Ytterbium	172-1	113	143	143	133	12.99	cps
Ytterbium	172-2	63	47	53	54	15.40	cps
Ytterbium	176-1	1907	2094	1903	1968	5.53	cps
Ytterbium	176-2	330	343	297	323	7.43	cps
Yttrium	89-1	26796778	27108862	27066133	26990591	0.63	cps
Yttrium	89-2	1798808	1788423	1801383	1796205	0.38	cps
Zinc	66-2	6608	6442	6402	6484	1.69	cps
Zirconium	90-1	1223	1373	1183	1260	7.95	cps
Zirconium	91-1	257	260	287	268	6.14	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:29:41	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6487335	6466366	6291495	6415065	1.68	cps
Antimony	121-1	362004	362362	360648	361671	0.25	cps
Arsenic	75-2	6545	6865	6525	6645	2.87	cps
Barium	135-1	88121	88728	89272	88707	0.65	cps
Barium	137-1	153847	155774	157825	155816	1.28	cps
Beryllium	9-1	118184	119495	117789	118489	0.75	cps
Bismuth	209-1	12770175	12757608	12584619	12704134	0.82	cps
Bismuth	209-2	4841767	4834060	4683721	4786516	1.86	cps
Bromine	81-1	5611	5551	5781	5648	2.11	cps
Cadmium	108-1	11508	11265	11338	11370	1.10	cps
Cadmium	106-1	14668	14665	14331	14554	1.33	cps
Cadmium	111-1	92371	91422	89829	91208	1.41	cps
Calcium	43-1	5480605	5617704	5634326	5577545	1.51	cps
Calcium	44-1	90428239	91113089	89964699	90502009	0.64	cps
Carbon	12-1	46078734	46798398	48036578	46971237	2.11	cps
Carbon	12-2	317671	316621	317490	317261	0.18	cps
Chlorine	35-1	80240965	87632915	90207259	86027046	6.01	cps
Chlorine	35-2	365686	369777	374154	369872	1.15	cps
Chromium	52-2	141599	142084	139409	141031	1.01	cps
Cobalt	59-2	142347	140765	142407	141839	0.66	cps
Copper	63-2	148069	148052	148901	148341	0.33	cps
Dysprosium	156-1	150	107	70	109	36.78	cps
Dysprosium	156-2	33	33	27	31	12.36	cps
Erbium	164-1	207	197	153	186	15.28	cps
Erbium	164-2	57	23	43	41	40.82	cps
Gadolinium	160-1	187	197	200	194	3.57	cps
Gadolinium	160-2	47	43	47	46	4.23	cps
Holmium	165-1	20957209	20876784	20732298	20855431	0.55	cps
Holmium	165-2	6660603	6773483	6691525	6708537	0.87	cps
Indium	115-1	15473457	15409620	15308474	15397183	0.54	cps
Indium	115-2	1357906	1368297	1358663	1361622	0.43	cps
Iron	54-2	14738482	14869716	14749465	14785888	0.49	cps
Iron	56-2	274479216	273753023	270267056	272833098	0.83	cps
Iron	57-2	6819918	6776790	6781537	6792748	0.35	cps
Krypton	83-1	273	260	313	282	9.83	cps
Lead	206-1	348689	349009	351866	349855	0.50	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:29:41	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	287033	292505	293521	291020	1.20	cps
Lead	208-1	1350369	1354114	1355816	1353433	0.21	cps
Lithium	6-1	7711523	7922122	7739151	7790932	1.47	cps
Magnesium	24-2	23821065	23490282	23526668	23612672	0.77	cps
Manganese	55-2	38946	39672	38993	39204	1.04	cps
Molybdenum	94-1	9626481	9573603	9600115	9600066	0.28	cps
Molybdenum	95-1	17010704	16901887	17134046	17015546	0.68	cps
Molybdenum	96-1	18444526	18209314	18401148	18351663	0.68	cps
Molybdenum	97-1	10685275	10512907	10629336	10609173	0.83	cps
Molybdenum	98-1	28086260	27830539	28251449	28056082	0.76	cps
Neodymium	150-1	93	93	97	94	2.04	cps
Neodymium	150-2	13	27	30	23	37.81	cps
Nickel	60-2	47907	48255	48248	48137	0.41	cps
Phosphorus	31-2	326288	328484	328176	327649	0.36	cps
Potassium	39-2	13383599	13450485	13310878	13381654	0.52	cps
Rhodium	103-1	14074221	13889273	14028914	13997469	0.69	cps
Rhodium	103-2	5182773	5163537	5275818	5207376	1.15	cps
Scandium	45-1	10968057	10933714	10805604	10902458	0.79	cps
Scandium	45-2	196498	197051	198768	197439	0.60	cps
Selenium	82-1	5194	5451	5481	5376	2.93	cps
Selenium	77-2	87	77	80	81	6.28	cps
Selenium	78-2	290	293	237	273	11.63	cps
Silicon	28-1	920170	926854	929043	925356	0.50	cps
Silver	107-1	394686	398578	398558	397274	0.56	cps
Silver	109-1	380894	384134	384352	383127	0.51	cps
Sodium	23-2	51567851	50857574	50157751	50861059	1.39	cps
Strontium	86-1	181999	185618	184784	184134	1.03	cps
Strontium	88-1	1682141	1688218	1665826	1678728	0.69	cps
Sulfur	34-1	7607062	7819871	7806581	7744504	1.54	cps
Terbium	159-1	21493501	21517998	21626394	21545964	0.33	cps
Terbium	159-2	6480430	6415063	6470868	6455454	0.55	cps
Thallium	203-1	346884	354204	353206	351432	1.13	cps
Thallium	205-1	835106	843217	841453	839925	0.51	cps
Tin	118-1	5388	5118	5024	5177	3.65	cps
Titanium	47-1	5347606	5429090	5375721	5384139	0.77	cps
Uranium	238-1	960	1023	977	987	3.33	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P8
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:29:41	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	55775	54888	55504	55389	0.82	cps
Ytterbium	172-1	137	147	163	149	9.05	cps
Ytterbium	172-2	83	43	50	59	36.39	cps
Ytterbium	176-1	2000	1860	2114	1991	6.37	cps
Ytterbium	176-2	320	347	377	348	8.15	cps
Yttrium	89-1	27822364	27561219	27533259	27638947	0.58	cps
Yttrium	89-2	1816795	1821368	1796040	1811401	0.75	cps
Zinc	66-2	17374	17464	17187	17342	0.81	cps
Zirconium	90-1	1360	1230	1363	1318	5.77	cps
Zirconium	91-1	323	347	370	347	6.73	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P8
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:32:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3431148	3440174	3326180	3399167	1.86	cps
Antimony	121-1	8084554	7998387	8131291	8071411	0.84	cps
Arsenic	75-2	152350	154567	153405	153441	0.72	cps
Barium	135-1	10099774	10011323	9941426	10017507	0.79	cps
Barium	137-1	17456647	17362452	17227366	17348822	0.66	cps
Beryllium	9-1	2809524	2744871	2717116	2757170	1.72	cps
Bismuth	209-1	12004046	12133431	12144864	12094114	0.65	cps
Bismuth	209-2	4592911	4543770	4537916	4558199	0.66	cps
Bromine	81-1	4364	4414	4607	4462	2.88	cps
Cadmium	108-1	155773	159393	155344	156837	1.42	cps
Cadmium	106-1	225852	224949	225691	225497	0.21	cps
Cadmium	111-1	2030364	2013502	1977053	2006973	1.36	cps
Calcium	43-1	13225464	13243944	13314009	13261139	0.35	cps
Calcium	44-1	216144877	214784517	216016517	215648637	0.35	cps
Carbon	12-1	4873513	5085226	5071805	5010181	2.37	cps
Carbon	12-2	39647	40613	41174	40478	1.91	cps
Chlorine	35-1	5338521	4965218	4646162	4983300	6.95	cps
Chlorine	35-2	15685	14724	13823	14744	6.31	cps
Chromium	52-2	1744852	1779443	1749111	1757802	1.07	cps
Cobalt	59-2	3272073	3270173	3214969	3252405	1.00	cps
Copper	63-2	24127232	24049772	24094305	24090437	0.16	cps
Dysprosium	156-1	487	443	450	460	5.07	cps
Dysprosium	156-2	83	93	130	102	24.04	cps
Erbium	164-1	517	497	487	500	3.05	cps
Erbium	164-2	170	167	133	157	12.94	cps
Gadolinium	160-1	397	433	377	402	7.15	cps
Gadolinium	160-2	170	147	117	144	18.51	cps
Holmium	165-1	19644254	20141149	20290520	20025308	1.69	cps
Holmium	165-2	6659052	6641245	6592646	6630981	0.52	cps
Indium	115-1	14312412	14444500	14466066	14407660	0.58	cps
Indium	115-2	1332299	1310724	1321207	1321410	0.82	cps
Iron	54-2	17645936	17467999	17473023	17528986	0.58	cps
Iron	56-2	324004769	320511275	321528389	322014811	0.56	cps
Iron	57-2	8082358	8117938	8017473	8072590	0.63	cps
Krypton	83-1	347	387	283	339	15.38	cps
Lead	206-1	33482072	33598756	33516717	33532515	0.18	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P8
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:32:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28871950	28950865	28996985	28939933	0.22	cps
Lead	208-1	133167802	133859805	133888301	133638636	0.31	cps
Lithium	6-1	7471898	7294143	7502979	7423007	1.52	cps
Magnesium	24-2	60673236	60520837	59514464	60236179	1.05	cps
Manganese	55-2	7030701	7031917	6981898	7014839	0.41	cps
Molybdenum	94-1	28486771	29008072	28225745	28573530	1.39	cps
Molybdenum	95-1	41031614	41621365	40775849	41142943	1.05	cps
Molybdenum	96-1	45114553	46015473	45444854	45524960	1.00	cps
Molybdenum	97-1	25712285	25721924	25529500	25654570	0.42	cps
Molybdenum	98-1	68194726	67028379	66954144	67392416	1.03	cps
Neodymium	150-1	740	663	690	698	5.58	cps
Neodymium	150-2	50	27	67	48	42.05	cps
Nickel	60-2	841351	842941	837471	840588	0.33	cps
Phosphorus	31-2	32029	31691	31474	31731	0.88	cps
Potassium	39-2	16312431	16423855	16352300	16362862	0.35	cps
Rhodium	103-1	13058693	12915507	13117244	13030481	0.80	cps
Rhodium	103-2	5057470	4955587	4970166	4994408	1.10	cps
Scandium	45-1	10493627	10593596	10503367	10530197	0.52	cps
Scandium	45-2	199038	199312	198004	198785	0.35	cps
Selenium	82-1	117533	118992	119379	118635	0.82	cps
Selenium	77-2	1840	1927	1870	1879	2.34	cps
Selenium	78-2	6362	6572	6425	6453	1.67	cps
Silicon	28-1	7126127	7137767	7080418	7114771	0.43	cps
Silver	107-1	9729139	9801812	9853448	9794800	0.64	cps
Silver	109-1	9289747	9373417	9302184	9321783	0.48	cps
Sodium	23-2	121655402	121061505	119408982	120708629	0.96	cps
Strontium	86-1	2696544	2689751	2692624	2692973	0.13	cps
Strontium	88-1	22763539	23061047	22819543	22881376	0.69	cps
Sulfur	34-1	1379318	1409880	1419126	1402775	1.49	cps
Terbium	159-1	20448799	20486116	21019626	20651514	1.55	cps
Terbium	159-2	6352416	6423458	6342397	6372757	0.69	cps
Thallium	203-1	8279910	8261185	8232531	8257875	0.29	cps
Thallium	205-1	19734270	19583425	19729893	19682529	0.44	cps
Tin	118-1	6520558	6496209	6406764	6474510	0.93	cps
Titanium	47-1	12522209	12707374	12449561	12559714	1.06	cps
Uranium	238-1	28270806	28673611	28566975	28503797	0.73	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P8
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:32:48	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1384507	1414668	1372208	1390461	1.57	cps
Ytterbium	172-1	540	507	500	516	4.16	cps
Ytterbium	172-2	227	170	177	191	16.21	cps
Ytterbium	176-1	42428	42465	43224	42705	1.05	cps
Ytterbium	176-2	13817	13430	13107	13451	2.65	cps
Yttrium	89-1	26243400	26493905	26302495	26346600	0.50	cps
Yttrium	89-2	1812984	1801412	1788068	1800822	0.69	cps
Zinc	66-2	2643009	2606338	2610426	2619924	0.77	cps
Zirconium	90-1	14398670	14429980	14370464	14399705	0.21	cps
Zirconium	91-1	3193572	3262369	3207273	3221071	1.13	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P8
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:35:35	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	153	137	156	12.92	cps
Antimony	121-1	2674	2314	2007	2331	14.32	cps
Arsenic	75-2	7	10	10	9	21.63	cps
Barium	135-1	910	740	783	811	10.89	cps
Barium	137-1	1793	1193	1207	1398	24.51	cps
Beryllium	9-1	1384	1186	1092	1221	12.18	cps
Bismuth	209-1	14100323	14129307	13912030	14047220	0.84	cps
Bismuth	209-2	5287600	5349513	5303783	5313632	0.60	cps
Bromine	81-1	4224	4314	4051	4196	3.19	cps
Cadmium	108-1	40	40	43	41	4.68	cps
Cadmium	106-1	7816	7782	7689	7762	0.85	cps
Cadmium	111-1	5590	5556	5459	5535	1.23	cps
Calcium	43-1	1037	810	843	897	13.65	cps
Calcium	44-1	36878	35013	34832	35574	3.18	cps
Carbon	12-1	3818314	3797492	3749356	3788387	0.93	cps
Carbon	12-2	24397	24237	23786	24140	1.31	cps
Chlorine	35-1	2499743	2395288	2222221	2372417	5.91	cps
Chlorine	35-2	7922	7882	7369	7724	4.00	cps
Chromium	52-2	820	793	763	792	3.58	cps
Cobalt	59-2	210	227	220	219	3.83	cps
Copper	63-2	3257	2877	2880	3005	7.27	cps
Dysprosium	156-1	307	260	220	262	16.54	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	117	127	67	103	31.11	cps
Erbium	164-2	33	40	33	36	10.83	cps
Gadolinium	160-1	153	90	143	129	26.42	cps
Gadolinium	160-2	30	30	10	23	49.49	cps
Holmium	165-1	21509735	21123496	21337884	21323705	0.91	cps
Holmium	165-2	7159983	7074848	7065076	7099969	0.74	cps
Indium	115-1	16792885	16606714	16505641	16635080	0.88	cps
Indium	115-2	1506151	1565574	1506835	1526187	2.24	cps
Iron	54-2	950	863	893	902	4.88	cps
Iron	56-2	14298	13477	13153	13642	4.33	cps
Iron	57-2	343	330	330	334	2.30	cps
Krypton	83-1	267	283	320	290	9.41	cps
Lead	206-1	6108	5294	5361	5588	8.08	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P8
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:35:35	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5158	4678	4764	4867	5.26	cps
Lead	208-1	23962	21864	21434	22420	6.03	cps
Lithium	6-1	8543893	8234302	8339763	8372653	1.88	cps
Magnesium	24-2	2284	2247	2230	2254	1.21	cps
Manganese	55-2	327	277	290	298	8.69	cps
Molybdenum	94-1	1827	1440	1370	1546	15.91	cps
Molybdenum	95-1	1997	1597	1387	1660	18.67	cps
Molybdenum	96-1	2344	1833	1707	1961	17.19	cps
Molybdenum	97-1	1240	933	900	1024	18.30	cps
Molybdenum	98-1	3330	2854	2250	2811	19.26	cps
Neodymium	150-1	20	27	10	19	44.42	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	730	730	720	727	0.79	cps
Phosphorus	31-2	120	87	97	101	16.92	cps
Potassium	39-2	19907	19333	19149	19463	2.03	cps
Rhodium	103-1	15831522	15603891	15551546	15662320	0.95	cps
Rhodium	103-2	5955977	5964623	5836765	5919122	1.21	cps
Scandium	45-1	11741074	11502554	11464632	11569420	1.30	cps
Scandium	45-2	211902	211053	208026	210327	0.97	cps
Selenium	82-1	7	-33	-23	-17	-124.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	10	7	3	7	50.03	cps
Silicon	28-1	563359	561594	554341	559765	0.85	cps
Silver	107-1	1517	1310	1070	1299	17.21	cps
Silver	109-1	1333	1190	1030	1185	12.81	cps
Sodium	23-2	112630	109369	108378	110126	2.02	cps
Strontium	86-1	560	560	523	548	3.86	cps
Strontium	88-1	1380	983	1117	1160	17.40	cps
Sulfur	34-1	700776	708160	698337	702424	0.73	cps
Terbium	159-1	22237186	21999433	21742750	21993123	1.12	cps
Terbium	159-2	6810929	6950786	6821222	6860979	1.14	cps
Thallium	203-1	2037	1633	1580	1750	14.27	cps
Thallium	205-1	4618	4411	3967	4332	7.67	cps
Tin	118-1	3470	3531	3430	3477	1.45	cps
Titanium	47-1	573	573	600	582	2.64	cps
Uranium	238-1	960	670	523	718	30.96	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P8
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:35:35	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30	27	13	23	37.81	cps
Ytterbium	172-1	117	133	87	112	21.07	cps
Ytterbium	172-2	60	37	33	43	33.53	cps
Ytterbium	176-1	2157	2030	2084	2090	3.04	cps
Ytterbium	176-2	343	360	420	374	10.77	cps
Yttrium	89-1	28899692	28602725	28341908	28614775	0.98	cps
Yttrium	89-2	1919363	1945570	1907109	1924014	1.02	cps
Zinc	66-2	380	293	287	320	16.27	cps
Zirconium	90-1	1550	1447	1393	1463	5.44	cps
Zirconium	91-1	313	313	253	293	11.81	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BL	Instrumnet Name :	P8
Client Sample ID :	PBW569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:38:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	143	133	131	10.28	cps
Antimony	121-1	683	647	593	641	7.06	cps
Arsenic	75-2	13	17	13	14	13.35	cps
Barium	135-1	390	417	443	417	6.40	cps
Barium	137-1	693	643	607	648	6.72	cps
Beryllium	9-1	737	670	665	691	5.86	cps
Bismuth	209-1	13936109	13839363	14453591	14076354	2.35	cps
Bismuth	209-2	5171263	5368850	5398890	5313001	2.33	cps
Bromine	81-1	4417	4414	4557	4463	1.83	cps
Cadmium	108-1	30	50	47	42	25.38	cps
Cadmium	106-1	7909	7582	7912	7801	2.43	cps
Cadmium	111-1	5565	5352	5589	5502	2.37	cps
Calcium	43-1	557	597	557	570	4.05	cps
Calcium	44-1	30165	29747	29965	29959	0.70	cps
Carbon	12-1	3305156	3207307	3142264	3218242	2.55	cps
Carbon	12-2	20765	20725	19990	20493	2.13	cps
Chlorine	35-1	1478061	1448451	1424477	1450330	1.85	cps
Chlorine	35-2	5224	5341	5211	5259	1.36	cps
Chromium	52-2	750	883	820	818	8.16	cps
Cobalt	59-2	153	190	180	174	10.86	cps
Copper	63-2	2810	2947	2997	2918	3.31	cps
Dysprosium	156-1	157	153	137	149	7.20	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	120	100	93	104	13.29	cps
Erbium	164-2	37	47	40	41	12.39	cps
Gadolinium	160-1	90	90	110	97	11.95	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	21034824	21752645	21776264	21521244	1.96	cps
Holmium	165-2	6844082	7284316	7129930	7086109	3.15	cps
Indium	115-1	16218946	16347571	17327500	16631339	3.65	cps
Indium	115-2	1502706	1593072	1578376	1558051	3.11	cps
Iron	54-2	597	673	717	662	9.18	cps
Iron	56-2	10527	9827	10481	10278	3.81	cps
Iron	57-2	250	217	297	254	15.79	cps
Krypton	83-1	277	330	313	307	8.90	cps
Lead	206-1	4291	4197	3894	4127	5.03	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BL	Instrumnet Name :	P8
Client Sample ID :	PBW569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:38:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3521	3641	3507	3556	2.07	cps
Lead	208-1	16905	16104	16034	16348	2.96	cps
Lithium	6-1	8232413	8379650	8506072	8372712	1.64	cps
Magnesium	24-2	2030	1723	1983	1912	8.64	cps
Manganese	55-2	227	197	243	222	10.64	cps
Molybdenum	94-1	750	697	697	714	4.31	cps
Molybdenum	95-1	587	567	570	574	1.87	cps
Molybdenum	96-1	747	617	660	674	9.81	cps
Molybdenum	97-1	383	303	273	320	17.77	cps
Molybdenum	98-1	877	817	820	838	4.02	cps
Neodymium	150-1	10	13	13	12	15.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	743	703	713	720	2.89	cps
Phosphorus	31-2	113	123	133	123	8.11	cps
Potassium	39-2	17644	17501	17214	17453	1.26	cps
Rhodium	103-1	15544003	15384116	16058684	15662268	2.25	cps
Rhodium	103-2	5733639	5951619	6017307	5900855	2.52	cps
Scandium	45-1	11297479	11460941	11637835	11465418	1.48	cps
Scandium	45-2	206201	215746	211054	211000	2.26	cps
Selenium	82-1	70	27	10	36	87.12	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	7	20	9	114.55	cps
Silicon	28-1	539006	544044	537077	540042	0.67	cps
Silver	107-1	520	557	573	550	4.96	cps
Silver	109-1	337	417	383	379	10.61	cps
Sodium	23-2	102949	102785	102245	102660	0.36	cps
Strontium	86-1	643	533	563	580	9.80	cps
Strontium	88-1	887	870	903	887	1.88	cps
Sulfur	34-1	709022	710820	713876	711240	0.34	cps
Terbium	159-1	21906141	21921119	22279580	22035613	0.96	cps
Terbium	159-2	6651783	6899599	6739979	6763787	1.86	cps
Thallium	203-1	1117	1063	1013	1065	4.86	cps
Thallium	205-1	2757	2597	2520	2625	4.60	cps
Tin	118-1	3137	3284	3344	3255	3.27	cps
Titanium	47-1	987	1007	1030	1008	2.15	cps
Uranium	238-1	197	173	120	163	24.06	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BL	Instrumnet Name :	P8
Client Sample ID :	PBW569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:38:54	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	17	17	14	26.66	cps
Ytterbium	172-1	83	120	143	116	26.18	cps
Ytterbium	172-2	47	37	33	39	17.85	cps
Ytterbium	176-1	1927	1853	2067	1949	5.56	cps
Ytterbium	176-2	340	373	367	360	4.90	cps
Yttrium	89-1	28748282	28734105	29726732	29069707	1.96	cps
Yttrium	89-2	1902633	2015681	1957967	1958760	2.89	cps
Zinc	66-2	353	377	353	361	3.73	cps
Zirconium	90-1	1103	1137	1047	1096	4.15	cps
Zirconium	91-1	227	177	183	196	13.88	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BS	Instrumnet Name :	P8
Client Sample ID :	LCS569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:43:18	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3130	2760	2910	2934	6.34	cps
Antimony	121-1	70249	71094	71673	71005	1.01	cps
Arsenic	75-2	747	753	673	724	6.13	cps
Barium	135-1	84180	84243	82931	83785	0.88	cps
Barium	137-1	147222	146466	147329	147005	0.32	cps
Beryllium	9-1	12984	12853	12999	12945	0.62	cps
Bismuth	209-1	14192631	14308746	14128838	14210072	0.64	cps
Bismuth	209-2	5434627	5337115	5368830	5380190	0.92	cps
Bromine	81-1	4221	4487	4317	4342	3.11	cps
Cadmium	108-1	707	693	780	727	6.42	cps
Cadmium	106-1	8953	9136	8770	8953	2.05	cps
Cadmium	111-1	14932	15033	14429	14798	2.19	cps
Calcium	43-1	58619	58281	58683	58527	0.37	cps
Calcium	44-1	957405	969211	966844	964487	0.65	cps
Carbon	12-1	3347097	3333800	3234332	3305076	1.86	cps
Carbon	12-2	21633	21996	22223	21951	1.36	cps
Chlorine	35-1	2545901	2763276	2842594	2717257	5.65	cps
Chlorine	35-2	11561	11341	11254	11386	1.39	cps
Chromium	52-2	15589	15682	15235	15502	1.52	cps
Cobalt	59-2	15005	14838	15235	15026	1.33	cps
Copper	63-2	27550	27867	28068	27828	0.94	cps
Dysprosium	156-1	113	130	150	131	14.00	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	123	103	93	107	14.33	cps
Erbium	164-2	33	33	27	31	12.36	cps
Gadolinium	160-1	140	123	137	133	6.61	cps
Gadolinium	160-2	30	13	7	17	72.11	cps
Holmium	165-1	21648105	21975278	21458511	21693965	1.21	cps
Holmium	165-2	7250032	7139702	7155421	7181718	0.83	cps
Indium	115-1	17106620	17054848	16789144	16983537	1.00	cps
Indium	115-2	1599230	1586593	1536438	1574087	2.11	cps
Iron	54-2	63741	63524	62640	63301	0.92	cps
Iron	56-2	1166822	1159286	1150638	1158915	0.70	cps
Iron	57-2	28272	28819	29133	28741	1.52	cps
Krypton	83-1	250	323	267	280	13.73	cps
Lead	206-1	33122	33086	32675	32961	0.75	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BS	Instrumnet Name :	P8
Client Sample ID :	LCS569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:43:18	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28167	28431	29139	28579	1.76	cps
Lead	208-1	130218	131437	132331	131329	0.81	cps
Lithium	6-1	8419120	8593098	8489567	8500595	1.03	cps
Magnesium	24-2	253294	255797	252244	253779	0.72	cps
Manganese	55-2	3364	3394	3227	3328	2.67	cps
Molybdenum	94-1	70618	72246	72052	71639	1.24	cps
Molybdenum	95-1	86138	86437	86849	86474	0.41	cps
Molybdenum	96-1	96029	98291	98439	97586	1.38	cps
Molybdenum	97-1	54450	54359	55504	54771	1.16	cps
Molybdenum	98-1	141190	142075	141900	141722	0.33	cps
Neodymium	150-1	20	10	43	24	69.97	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	4758	5048	4838	4881	3.07	cps
Phosphorus	31-2	267	237	277	260	8.01	cps
Potassium	39-2	160421	155096	159651	158390	1.82	cps
Rhodium	103-1	15873666	16313826	15913099	16033530	1.52	cps
Rhodium	103-2	6125632	6118035	6061957	6101875	0.57	cps
Scandium	45-1	11551872	11736176	11678831	11655626	0.81	cps
Scandium	45-2	220848	218469	215443	218253	1.24	cps
Selenium	82-1	2727	2804	2844	2791	2.12	cps
Selenium	77-2	57	43	57	52	14.75	cps
Selenium	78-2	97	163	140	133	25.37	cps
Silicon	28-1	862702	865543	860869	863038	0.27	cps
Silver	107-1	43950	44388	45123	44487	1.33	cps
Silver	109-1	41830	42897	41893	42207	1.42	cps
Sodium	23-2	613124	613678	612475	613092	0.10	cps
Strontium	86-1	11705	12052	11969	11908	1.52	cps
Strontium	88-1	98169	98995	98585	98583	0.42	cps
Sulfur	34-1	737741	741766	739292	739600	0.27	cps
Terbium	159-1	22610117	22437351	22375101	22474190	0.54	cps
Terbium	159-2	7026627	6920439	6808886	6918651	1.57	cps
Thallium	203-1	36939	36411	36561	36637	0.74	cps
Thallium	205-1	87318	87895	87489	87567	0.34	cps
Tin	118-1	146576	146559	145833	146323	0.29	cps
Titanium	47-1	7412	7319	7605	7445	1.96	cps
Uranium	238-1	113548	113921	113894	113788	0.18	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166569BS	Instrumnet Name :	P8
Client Sample ID :	LCS569	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:43:18	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	29858	29771	30329	29986	1.00	cps
Ytterbium	172-1	110	120	167	132	22.88	cps
Ytterbium	172-2	57	40	43	47	18.90	cps
Ytterbium	176-1	2274	2190	2347	2270	3.45	cps
Ytterbium	176-2	450	400	377	409	9.16	cps
Yttrium	89-1	30005690	29608066	29176069	29596608	1.40	cps
Yttrium	89-2	1990428	2007601	1968682	1988904	0.98	cps
Zinc	66-2	6108	6281	6355	6248	2.03	cps
Zirconium	90-1	61234	60156	60584	60658	0.89	cps
Zirconium	91-1	13804	12909	13704	13472	3.64	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01	Instrumnet Name :	P8
Client Sample ID :	ME2975	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:46:37	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	773	707	753	744	4.60	cps
Antimony	121-1	1880	1980	1970	1943	2.83	cps
Arsenic	75-2	747	860	820	809	7.11	cps
Barium	135-1	481511	474964	482689	479721	0.87	cps
Barium	137-1	836641	834824	836245	835904	0.11	cps
Beryllium	9-1	507	547	480	512	6.63	cps
Bismuth	209-1	14306791	13887892	13098309	13764331	4.46	cps
Bismuth	209-2	5111774	5061254	4936461	5036496	1.79	cps
Bromine	81-1	46045	46982	46764	46597	1.05	cps
Cadmium	108-1	83	47	90	73	31.81	cps
Cadmium	106-1	8166	8303	7822	8097	3.06	cps
Cadmium	111-1	5751	5899	5493	5714	3.60	cps
Calcium	43-1	11038790	10688897	10725466	10817718	1.78	cps
Calcium	44-1	170605847	169762114	169273887	169880616	0.40	cps
Carbon	12-1	6355881	6795084	6942696	6697887	4.56	cps
Carbon	12-2	48429	49115	49955	49166	1.55	cps
Chlorine	35-1	1939046	2088578	2131819	2053148	4.93	cps
Chlorine	35-2	8309	8566	8609	8495	1.91	cps
Chromium	52-2	3170	3094	3090	3118	1.45	cps
Cobalt	59-2	1843	1950	1973	1922	3.61	cps
Copper	63-2	4707	5041	4751	4833	3.75	cps
Dysprosium	156-1	240	183	160	194	21.16	cps
Dysprosium	156-2	33	33	13	27	43.31	cps
Erbium	164-1	237	187	233	219	12.77	cps
Erbium	164-2	53	67	47	56	18.33	cps
Gadolinium	160-1	177	200	183	187	6.44	cps
Gadolinium	160-2	83	53	43	60	34.70	cps
Holmium	165-1	22061434	22078201	20887106	21675580	3.15	cps
Holmium	165-2	7181226	7278368	6827088	7095561	3.35	cps
Indium	115-1	17006804	16704860	16176167	16629277	2.53	cps
Indium	115-2	1497633	1545383	1476747	1506588	2.34	cps
Iron	54-2	111457	112055	111131	111548	0.42	cps
Iron	56-2	2148318	2150105	2134824	2144415	0.39	cps
Iron	57-2	51235	51814	51064	51371	0.76	cps
Krypton	83-1	340	303	253	299	14.56	cps
Lead	206-1	7622	7305	6608	7179	7.23	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01	Instrumnet Name :	P8
Client Sample ID :	ME2975	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:46:37	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6348	6158	5685	6064	5.64	cps
Lead	208-1	29707	27752	26054	27837	6.57	cps
Lithium	6-1	8541421	8274314	8126284	8314006	2.53	cps
Magnesium	24-2	11769349	11917350	11818440	11835046	0.64	cps
Manganese	55-2	82617	83207	81299	82375	1.19	cps
Molybdenum	94-1	32929	32832	32849	32870	0.16	cps
Molybdenum	95-1	54797	54148	55186	54710	0.96	cps
Molybdenum	96-1	59406	58368	59440	59072	1.03	cps
Molybdenum	97-1	34436	34319	34456	34404	0.21	cps
Molybdenum	98-1	89268	89013	87842	88708	0.86	cps
Neodymium	150-1	107	97	137	113	18.37	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	4131	4327	4144	4201	2.62	cps
Phosphorus	31-2	267	293	297	286	5.76	cps
Potassium	39-2	655216	654315	647358	652296	0.66	cps
Rhodium	103-1	15450677	15108501	14400513	14986564	3.57	cps
Rhodium	103-2	5754782	5742740	5500957	5666160	2.53	cps
Scandium	45-1	12116067	11818391	11340117	11758192	3.33	cps
Scandium	45-2	214173	209879	205355	209802	2.10	cps
Selenium	82-1	10	57	120	62	88.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	10	20	17	34.64	cps
Silicon	28-1	114577828	113396092	111157502	113043807	1.54	cps
Silver	107-1	633	610	633	626	2.15	cps
Silver	109-1	313	4936	330	1860	143.25	cps
Sodium	23-2	6941867	6982447	6955144	6959820	0.30	cps
Strontium	86-1	102470558	101206328	100493965	101390284	0.99	cps
Strontium	88-1	899281773	874833960	876387347	883501027	1.55	cps
Sulfur	34-1	11755409	11588190	11854543	11732714	1.15	cps
Terbium	159-1	23518081	22739038	21363273	22540131	4.84	cps
Terbium	159-2	6908267	6850437	6675233	6811313	1.78	cps
Thallium	203-1	1277	1047	1073	1132	11.11	cps
Thallium	205-1	3134	2700	2444	2759	12.64	cps
Tin	118-1	6685	6525	6838	6683	2.35	cps
Titanium	47-1	2694	3311	2677	2894	12.49	cps
Uranium	238-1	101088	101924	101085	101366	0.48	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01	Instrumnet Name :	P8
Client Sample ID :	ME2975	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:46:37	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2437	2400	2437	2425	0.87	cps
Ytterbium	172-1	173	160	137	157	11.85	cps
Ytterbium	172-2	67	60	57	61	8.33	cps
Ytterbium	176-1	2340	2197	2034	2190	7.01	cps
Ytterbium	176-2	363	283	270	306	16.52	cps
Yttrium	89-1	30247755	29712869	28146748	29369124	3.72	cps
Yttrium	89-2	1974840	1994053	1864293	1944396	3.60	cps
Zinc	66-2	1310	1470	1377	1386	5.80	cps
Zirconium	90-1	4921	4651	4521	4698	4.34	cps
Zirconium	91-1	963	1007	970	980	2.38	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-02	Instrumnet Name :	P8
Client Sample ID :	ME2975D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:49:54	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	663	697	647	669	3.81	cps
Antimony	121-1	1510	1643	1503	1552	5.09	cps
Arsenic	75-2	890	937	767	864	10.16	cps
Barium	135-1	477541	475717	470519	474593	0.77	cps
Barium	137-1	827302	834069	830608	830660	0.41	cps
Beryllium	9-1	479	527	510	505	4.89	cps
Bismuth	209-1	13860666	13627167	13046496	13511443	3.10	cps
Bismuth	209-2	5180507	5089323	5102234	5124021	0.96	cps
Bromine	81-1	45390	47647	48962	47333	3.82	cps
Cadmium	108-1	70	43	67	60	24.22	cps
Cadmium	106-1	8173	7986	7829	7996	2.15	cps
Cadmium	111-1	5758	5623	5537	5639	1.98	cps
Calcium	43-1	10677219	10655219	10539729	10624056	0.70	cps
Calcium	44-1	168149597	168355104	166433364	167646022	0.63	cps
Carbon	12-1	6827502	7149123	7383212	7119946	3.92	cps
Carbon	12-2	50985	50992	51406	51127	0.47	cps
Chlorine	35-1	1771553	1852512	1943292	1855786	4.63	cps
Chlorine	35-2	7562	8182	7899	7881	3.94	cps
Chromium	52-2	2580	2630	2730	2647	2.89	cps
Cobalt	59-2	1990	1847	1897	1911	3.81	cps
Copper	63-2	3924	3907	4054	3962	2.03	cps
Dysprosium	156-1	117	147	113	126	14.62	cps
Dysprosium	156-2	50	27	37	38	30.98	cps
Erbium	164-1	240	193	207	213	11.27	cps
Erbium	164-2	43	50	40	44	11.46	cps
Gadolinium	160-1	253	247	203	234	11.58	cps
Gadolinium	160-2	53	53	47	51	7.52	cps
Holmium	165-1	22099286	21855164	21268092	21740847	1.97	cps
Holmium	165-2	7065667	7075199	7040453	7060440	0.25	cps
Indium	115-1	16698961	16420618	16024915	16381498	2.07	cps
Indium	115-2	1464466	1462881	1538467	1488605	2.90	cps
Iron	54-2	105522	104498	103944	104655	0.76	cps
Iron	56-2	1999490	1986783	1973350	1986541	0.66	cps
Iron	57-2	48031	48790	47509	48110	1.34	cps
Krypton	83-1	283	277	280	280	1.19	cps
Lead	206-1	4894	5078	5068	5013	2.06	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-02	Instrumnet Name :	P8
Client Sample ID :	ME2975D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:49:54	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4514	4691	4344	4516	3.84	cps
Lead	208-1	20100	20413	19990	20167	1.09	cps
Lithium	6-1	8584396	8329131	7910520	8274683	4.11	cps
Magnesium	24-2	11777301	11735793	11795679	11769591	0.26	cps
Manganese	55-2	78052	77234	77110	77465	0.66	cps
Molybdenum	94-1	32668	32655	32608	32644	0.10	cps
Molybdenum	95-1	54450	53978	53556	53994	0.83	cps
Molybdenum	96-1	59011	58737	58760	58836	0.26	cps
Molybdenum	97-1	34429	33317	33958	33901	1.65	cps
Molybdenum	98-1	88530	86846	88728	88035	1.17	cps
Neodymium	150-1	113	113	123	117	4.95	cps
Neodymium	150-2	33	10	17	20	60.08	cps
Nickel	60-2	3927	4061	3891	3959	2.26	cps
Phosphorus	31-2	273	283	270	276	2.52	cps
Potassium	39-2	634887	634045	638598	635843	0.38	cps
Rhodium	103-1	15198056	15075568	14348133	14873919	3.09	cps
Rhodium	103-2	5657152	5651446	5686871	5665156	0.34	cps
Scandium	45-1	11850882	11675251	11187643	11571259	2.97	cps
Scandium	45-2	211233	207448	212031	210237	1.16	cps
Selenium	82-1	50	70	67	62	17.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	17	10	57.72	cps
Silicon	28-1	111983178	112482012	111852832	112106007	0.30	cps
Silver	107-1	490	523	377	463	16.59	cps
Silver	109-1	207	137	167	170	20.66	cps
Sodium	23-2	6783360	6745122	6768611	6765698	0.29	cps
Strontium	86-1	101160982	101325385	101270752	101252373	0.08	cps
Strontium	88-1	887111720	884105213	870631134	880616022	1.00	cps
Sulfur	34-1	11661560	11798962	11669690	11710071	0.66	cps
Terbium	159-1	22688013	22083042	21288386	22019814	3.19	cps
Terbium	159-2	6772699	6709814	6854872	6779128	1.07	cps
Thallium	203-1	867	913	960	913	5.11	cps
Thallium	205-1	2294	2130	2020	2148	6.40	cps
Tin	118-1	3504	3504	3340	3449	2.73	cps
Titanium	47-1	2810	2647	3221	2893	10.23	cps
Uranium	238-1	101461	100960	101484	101302	0.29	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-02	Instrumnet Name :	P8
Client Sample ID :	ME2975D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:49:54	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2484	2347	2507	2446	3.53	cps
Ytterbium	172-1	173	193	147	171	13.68	cps
Ytterbium	172-2	73	77	73	74	2.59	cps
Ytterbium	176-1	2344	2117	1980	2147	8.55	cps
Ytterbium	176-2	357	360	350	356	1.43	cps
Yttrium	89-1	29651241	29285934	27840885	28926020	3.31	cps
Yttrium	89-2	1961658	1948723	1949918	1953433	0.37	cps
Zinc	66-2	637	600	600	612	3.46	cps
Zirconium	90-1	4391	4527	4211	4376	3.63	cps
Zirconium	91-1	1033	960	973	989	3.95	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME2975L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 15:53:09	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293	260	273	276	6.09	cps
Antimony	121-1	473	443	493	470	5.36	cps
Arsenic	75-2	153	143	143	147	3.94	cps
Barium	135-1	95339	92822	93349	93836	1.41	cps
Barium	137-1	162466	163066	163046	162860	0.21	cps
Beryllium	9-1	446	470	500	472	5.71	cps
Bismuth	209-1	13780905	13819192	13951451	13850516	0.65	cps
Bismuth	209-2	5197853	5209700	5186500	5198018	0.22	cps
Bromine	81-1	14781	15015	14991	14929	0.86	cps
Cadmium	108-1	43	40	20	34	36.64	cps
Cadmium	106-1	8423	8263	8296	8327	1.01	cps
Cadmium	111-1	5926	5802	5873	5867	1.05	cps
Calcium	43-1	2163710	2064284	2151628	2126540	2.55	cps
Calcium	44-1	33205825	33415015	33136985	33252608	0.44	cps
Carbon	12-1	4774738	4824443	4912291	4837157	1.44	cps
Carbon	12-2	32262	32088	31911	32087	0.55	cps
Chlorine	35-1	898692	898022	881470	892728	1.09	cps
Chlorine	35-2	3214	3410	3517	3380	4.55	cps
Chromium	52-2	1297	1333	1410	1347	4.29	cps
Cobalt	59-2	533	457	450	480	9.65	cps
Copper	63-2	2770	2920	2997	2896	3.98	cps
Dysprosium	156-1	77	87	93	86	9.80	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	110	90	113	104	12.08	cps
Erbium	164-2	43	23	33	33	30.00	cps
Gadolinium	160-1	120	120	127	122	3.15	cps
Gadolinium	160-2	10	20	27	19	44.42	cps
Holmium	165-1	21869287	21626396	21592491	21696058	0.70	cps
Holmium	165-2	7030461	7018971	6973457	7007630	0.43	cps
Indium	115-1	16468207	16549420	16273252	16430293	0.86	cps
Indium	115-2	1479296	1477997	1469201	1475498	0.37	cps
Iron	54-2	20752	21356	21443	21184	1.78	cps
Iron	56-2	391387	390339	391212	390980	0.14	cps
Iron	57-2	10054	9390	9667	9703	3.44	cps
Krypton	83-1	330	310	260	300	12.02	cps
Lead	206-1	3230	3444	3224	3299	3.79	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME2975L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 15:53:09	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2980	2810	2644	2811	5.99	cps
Lead	208-1	13326	13296	12806	13143	2.22	cps
Lithium	6-1	8221708	8356561	8269754	8282675	0.83	cps
Magnesium	24-2	2385068	2381844	2388484	2385132	0.14	cps
Manganese	55-2	31939	31899	32270	32036	0.64	cps
Molybdenum	94-1	6825	6775	6898	6833	0.91	cps
Molybdenum	95-1	10971	10868	10731	10857	1.11	cps
Molybdenum	96-1	11345	11715	11425	11495	1.70	cps
Molybdenum	97-1	6705	6825	6958	6830	1.86	cps
Molybdenum	98-1	17474	17665	18068	17736	1.71	cps
Neodymium	150-1	40	30	47	39	21.57	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1550	1450	1527	1509	3.47	cps
Phosphorus	31-2	137	133	127	132	3.85	cps
Potassium	39-2	143630	142384	143370	143128	0.46	cps
Rhodium	103-1	15403719	15494038	15127861	15341873	1.24	cps
Rhodium	103-2	5804735	5735004	5771532	5770424	0.60	cps
Scandium	45-1	11596924	11712976	11391456	11567119	1.41	cps
Scandium	45-2	208372	212368	210293	210344	0.95	cps
Selenium	82-1	-10	7	-27	-10	-166.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	7	13	16	65.47	cps
Silicon	28-1	21930678	22706225	22245592	22294165	1.75	cps
Silver	107-1	273	260	297	277	6.71	cps
Silver	109-1	97	127	117	113	13.48	cps
Sodium	23-2	1450582	1467938	1461041	1459854	0.60	cps
Strontium	86-1	19731718	19672993	19741068	19715260	0.19	cps
Strontium	88-1	172000744	170504967	173285134	171930282	0.81	cps
Sulfur	34-1	2930591	3040574	2970886	2980684	1.87	cps
Terbium	159-1	21995498	22399272	22164492	22186421	0.91	cps
Terbium	159-2	6850054	6765709	6833065	6816276	0.65	cps
Thallium	203-1	737	733	733	734	0.26	cps
Thallium	205-1	1710	1807	1793	1770	2.96	cps
Tin	118-1	3584	3754	3894	3744	4.15	cps
Titanium	47-1	797	797	937	843	9.59	cps
Uranium	238-1	19789	20240	19785	19938	1.31	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-01LX5	Instrumnet Name :	P8
Client Sample ID :	ME2975L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 15:53:09	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	547	553	473	524	8.46	cps
Ytterbium	172-1	150	180	113	148	22.59	cps
Ytterbium	172-2	53	40	33	42	24.12	cps
Ytterbium	176-1	2077	2280	2104	2154	5.13	cps
Ytterbium	176-2	273	420	370	354	21.04	cps
Yttrium	89-1	28714386	29012846	28474010	28733748	0.94	cps
Yttrium	89-2	1926557	1898519	1938823	1921300	1.08	cps
Zinc	66-2	817	807	767	797	3.32	cps
Zirconium	90-1	1393	1400	1627	1473	9.02	cps
Zirconium	91-1	347	257	287	297	15.45	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-03	Instrumnet Name :	P8
Client Sample ID :	ME2975S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:56:27	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137028	136381	138149	137186	0.65	cps
Antimony	121-1	1919030	1950256	1914385	1927890	1.01	cps
Arsenic	75-2	14841	14731	14951	14841	0.74	cps
Barium	135-1	9270440	9484183	9357224	9370616	1.15	cps
Barium	137-1	16109900	16282269	16389218	16260462	0.87	cps
Beryllium	9-1	301198	301312	300588	301033	0.13	cps
Bismuth	209-1	13766813	13509156	13582898	13619623	0.97	cps
Bismuth	209-2	5015819	5118870	5062239	5065643	1.02	cps
Bromine	81-1	40766	44306	46554	43875	6.65	cps
Cadmium	108-1	15122	14875	15065	15020	0.86	cps
Cadmium	106-1	28122	28282	27541	27982	1.39	cps
Cadmium	111-1	230454	233411	233591	232485	0.76	cps
Calcium	43-1	10602349	10651867	10419392	10557869	1.16	cps
Calcium	44-1	169023861	167524144	164655891	167067965	1.33	cps
Carbon	12-1	5920460	6164485	6454688	6179878	4.33	cps
Carbon	12-2	44734	43798	44360	44298	1.06	cps
Chlorine	35-1	40776596	44761486	46269923	43936002	6.46	cps
Chlorine	35-2	189355	190084	192245	190562	0.79	cps
Chromium	52-2	750392	755452	758282	754708	0.53	cps
Cobalt	59-2	3669621	3735711	3685577	3696969	0.93	cps
Copper	63-2	1396357	1388106	1392476	1392313	0.30	cps
Dysprosium	156-1	183	217	253	218	16.08	cps
Dysprosium	156-2	30	43	17	30	44.43	cps
Erbium	164-1	197	167	180	181	8.30	cps
Erbium	164-2	57	77	50	61	22.71	cps
Gadolinium	160-1	210	200	207	206	2.48	cps
Gadolinium	160-2	57	50	53	53	6.25	cps
Holmium	165-1	22453476	21774978	22211301	22146585	1.55	cps
Holmium	165-2	7089293	7010788	7056764	7052282	0.56	cps
Indium	115-1	16527976	16520491	16282686	16443718	0.85	cps
Indium	115-2	1456670	1472034	1461167	1463290	0.54	cps
Iron	54-2	280294	282616	280687	281199	0.44	cps
Iron	56-2	4896357	4807503	4820902	4841588	0.99	cps
Iron	57-2	118910	118124	117677	118237	0.53	cps
Krypton	83-1	297	273	283	284	4.11	cps
Lead	206-1	314817	314981	312116	313971	0.51	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-03	Instrumnet Name :	P8
Client Sample ID :	ME2975S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:56:27	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	272905	270614	270141	271220	0.54	cps
Lead	208-1	1251524	1250884	1248686	1250365	0.12	cps
Lithium	6-1	8256452	8346754	8088651	8230619	1.59	cps
Magnesium	24-2	11815267	11408184	11599606	11607686	1.75	cps
Manganese	55-2	845237	847652	843396	845428	0.25	cps
Molybdenum	94-1	32431	32211	31813	32152	0.97	cps
Molybdenum	95-1	53395	53208	53967	53524	0.74	cps
Molybdenum	96-1	58466	58101	58482	58350	0.37	cps
Molybdenum	97-1	33621	34352	34092	34022	1.09	cps
Molybdenum	98-1	88238	87165	86011	87138	1.28	cps
Neodymium	150-1	553	527	523	534	3.08	cps
Neodymium	150-2	37	27	23	29	24.03	cps
Nickel	60-2	978710	972935	986947	979531	0.72	cps
Phosphorus	31-2	260	300	300	287	8.06	cps
Potassium	39-2	630229	633262	635838	633110	0.44	cps
Rhodium	103-1	15239209	14855532	14797816	14964185	1.60	cps
Rhodium	103-2	5695798	5627187	5499784	5607589	1.77	cps
Scandium	45-1	11548939	11682184	11442963	11558029	1.04	cps
Scandium	45-2	209401	208030	211199	209543	0.76	cps
Selenium	82-1	5555	5798	5628	5660	2.21	cps
Selenium	77-2	117	80	80	92	22.96	cps
Selenium	78-2	340	307	290	312	8.15	cps
Silicon	28-1	110287488	110968425	110529455	110595123	0.31	cps
Silver	107-1	1048183	1057581	1051116	1052293	0.46	cps
Silver	109-1	1008640	1008074	1019695	1012136	0.65	cps
Sodium	23-2	6768043	6591890	6653810	6671248	1.34	cps
Strontium	86-1	99625922	100210212	100415419	100083851	0.41	cps
Strontium	88-1	874315480	860772361	868398334	867828725	0.78	cps
Sulfur	34-1	11292910	11444004	11242024	11326313	0.93	cps
Terbium	159-1	22964334	22399453	22216822	22526870	1.73	cps
Terbium	159-2	6749851	6763100	6738628	6750527	0.18	cps
Thallium	203-1	942166	937449	943005	940874	0.32	cps
Thallium	205-1	2322166	2363569	2344342	2343359	0.88	cps
Tin	118-1	5341	5511	5234	5362	2.60	cps
Titanium	47-1	2890	2777	3609	3092	14.59	cps
Uranium	238-1	100621	102247	102284	101717	0.93	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-03	Instrumnet Name :	P8
Client Sample ID :	ME2975S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:56:27	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1538227	1519717	1515446	1524464	0.79	cps
Ytterbium	172-1	207	190	203	200	4.41	cps
Ytterbium	172-2	53	40	63	52	22.41	cps
Ytterbium	176-1	2114	2344	2134	2197	5.80	cps
Ytterbium	176-2	347	307	320	324	6.28	cps
Yttrium	89-1	29273090	29299815	28452103	29008336	1.66	cps
Yttrium	89-2	1909030	1932617	1901568	1914405	0.85	cps
Zinc	66-2	292136	292300	292689	292375	0.10	cps
Zirconium	90-1	4698	4254	4668	4540	5.46	cps
Zirconium	91-1	1257	1147	1097	1167	7.02	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-04	Instrumnet Name :	P8
Client Sample ID :	ME2978	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:59:37	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	920	1047	1100	1022	9.04	cps
Antimony	121-1	1247	1067	1020	1111	10.77	cps
Arsenic	75-2	40	40	83	54	45.95	cps
Barium	135-1	111534	109216	110089	110280	1.06	cps
Barium	137-1	192763	193375	189947	192028	0.95	cps
Beryllium	9-1	544	466	506	505	7.67	cps
Bismuth	209-1	13235825	13402873	13132766	13257155	1.03	cps
Bismuth	209-2	4758053	5357713	4916572	5010779	6.20	cps
Bromine	81-1	222526	245133	261067	242908	7.97	cps
Cadmium	108-1	50	57	50	52	7.37	cps
Cadmium	106-1	7846	7726	7876	7816	1.02	cps
Cadmium	111-1	5500	5438	5508	5482	0.70	cps
Calcium	43-1	17309919	17177373	17313621	17266971	0.45	cps
Calcium	44-1	276779276	275943689	273029536	275250834	0.72	cps
Carbon	12-1	6880635	7344789	7627203	7284209	5.17	cps
Carbon	12-2	53283	53580	53959	53607	0.63	cps
Chlorine	35-1	7503069	7826451	7849985	7726502	2.51	cps
Chlorine	35-2	30816	30185	30569	30523	1.04	cps
Chromium	52-2	1463	1310	1467	1413	6.33	cps
Cobalt	59-2	403	460	340	401	14.97	cps
Copper	63-2	4671	4768	4748	4729	1.08	cps
Dysprosium	156-1	170	180	217	189	13.01	cps
Dysprosium	156-2	43	53	47	48	10.66	cps
Erbium	164-1	223	273	237	244	10.59	cps
Erbium	164-2	93	67	100	87	20.35	cps
Gadolinium	160-1	267	260	263	263	1.26	cps
Gadolinium	160-2	87	53	63	68	25.24	cps
Holmium	165-1	21959446	21343651	21400971	21568022	1.58	cps
Holmium	165-2	6661878	7705450	6865287	7077539	7.82	cps
Indium	115-1	16154346	16088988	15916836	16053390	0.76	cps
Indium	115-2	1376991	1644949	1417190	1479710	9.77	cps
Iron	54-2	36116	35421	36085	35874	1.10	cps
Iron	56-2	662041	662369	667257	663889	0.44	cps
Iron	57-2	17414	16590	17077	17027	2.43	cps
Krypton	83-1	333	303	367	334	9.47	cps
Lead	206-1	4487	3917	3987	4131	7.53	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-04	Instrumnet Name :	P8
Client Sample ID :	ME2978	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:59:37	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3611	3494	3177	3427	6.54	cps
Lead	208-1	16974	16308	15207	16163	5.52	cps
Lithium	6-1	8197993	8004463	8131459	8111305	1.21	cps
Magnesium	24-2	20076292	19809004	19843833	19909710	0.73	cps
Manganese	55-2	72962	72255	74138	73118	1.30	cps
Molybdenum	94-1	2977	2717	2980	2891	5.23	cps
Molybdenum	95-1	2134	1900	2120	2051	6.39	cps
Molybdenum	96-1	2397	2360	2434	2397	1.53	cps
Molybdenum	97-1	1177	1293	1257	1242	4.80	cps
Molybdenum	98-1	2930	3094	3147	3057	3.69	cps
Neodymium	150-1	153	163	163	160	3.61	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	1213	1220	1260	1231	2.05	cps
Phosphorus	31-2	153	167	157	159	4.37	cps
Potassium	39-2	438487	435269	437854	437203	0.39	cps
Rhodium	103-1	14713649	14422515	14387635	14507933	1.23	cps
Rhodium	103-2	5292498	5969069	5379855	5547141	6.63	cps
Scandium	45-1	11332973	11443145	11358025	11378048	0.51	cps
Scandium	45-2	200216	227678	203473	210456	7.13	cps
Selenium	82-1	73	87	67	76	13.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	10	3	13	9	57.30	cps
Silicon	28-1	76015512	76820557	76276552	76370874	0.54	cps
Silver	107-1	860	710	680	750	12.86	cps
Silver	109-1	710	563	453	576	22.37	cps
Sodium	23-2	19254438	18986876	19300221	19180512	0.88	cps
Strontium	86-1	83452675	82467847	82608852	82843125	0.64	cps
Strontium	88-1	720793163	726004709	720747136	722515003	0.42	cps
Sulfur	34-1	20169763	20499608	20365060	20344811	0.82	cps
Terbium	159-1	22099161	21495151	21620955	21738422	1.47	cps
Terbium	159-2	6446451	7366854	6501908	6771738	7.62	cps
Thallium	203-1	803	697	760	753	7.12	cps
Thallium	205-1	1880	1830	1713	1808	4.73	cps
Tin	118-1	4664	4597	4694	4652	1.06	cps
Titanium	47-1	2330	2200	2290	2274	2.93	cps
Uranium	238-1	15049	14402	14568	14673	2.29	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-04	Instrumnet Name :	P8
Client Sample ID :	ME2978	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 15:59:37	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	453	420	467	447	5.38	cps
Ytterbium	172-1	157	190	223	190	17.54	cps
Ytterbium	172-2	67	87	77	77	13.04	cps
Ytterbium	176-1	2100	2064	1827	1997	7.43	cps
Ytterbium	176-2	277	457	353	362	24.94	cps
Yttrium	89-1	28574339	28607560	28037836	28406578	1.13	cps
Yttrium	89-2	1860582	2120039	1877425	1952682	7.43	cps
Zinc	66-2	403	417	373	398	5.58	cps
Zirconium	90-1	5308	5421	4954	5228	4.66	cps
Zirconium	91-1	1220	1050	1003	1091	10.45	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-05	Instrumnet Name :	P8
Client Sample ID :	ME2979	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:03:11	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1233	1487	1283	1335	10.06	cps
Antimony	121-1	617	573	653	614	6.52	cps
Arsenic	75-2	50	40	53	48	14.52	cps
Barium	135-1	111346	112593	110815	111585	0.82	cps
Barium	137-1	192865	197839	193619	194774	1.38	cps
Beryllium	9-1	505	492	519	505	2.60	cps
Bismuth	209-1	13500929	13823199	13659807	13661312	1.18	cps
Bismuth	209-2	5604184	5178674	5087825	5290228	5.21	cps
Bromine	81-1	234618	253798	262901	250439	5.76	cps
Cadmium	108-1	57	47	53	52	9.75	cps
Cadmium	106-1	8219	8109	8339	8223	1.40	cps
Cadmium	111-1	5787	5720	5854	5787	1.15	cps
Calcium	43-1	17738915	18126928	17523984	17796609	1.72	cps
Calcium	44-1	285980422	289539249	281478676	285666116	1.41	cps
Carbon	12-1	6354129	6816566	7084568	6751755	5.47	cps
Carbon	12-2	49035	50005	50463	49834	1.46	cps
Chlorine	35-1	5952786	6494363	6670165	6372438	5.87	cps
Chlorine	35-2	26468	26932	27359	26920	1.66	cps
Chromium	52-2	1060	1173	1213	1149	6.92	cps
Cobalt	59-2	380	380	370	377	1.53	cps
Copper	63-2	2907	3040	2967	2971	2.25	cps
Dysprosium	156-1	230	190	247	222	13.11	cps
Dysprosium	156-2	57	37	53	49	21.91	cps
Erbium	164-1	303	317	313	311	2.23	cps
Erbium	164-2	93	113	103	103	9.68	cps
Gadolinium	160-1	293	250	287	277	8.43	cps
Gadolinium	160-2	77	97	87	87	11.54	cps
Holmium	165-1	22070046	21874154	22027696	21990632	0.47	cps
Holmium	165-2	7973824	7283097	7133532	7463484	6.01	cps
Indium	115-1	16572005	16982969	16686250	16747075	1.27	cps
Indium	115-2	1701397	1556638	1477646	1578560	7.19	cps
Iron	54-2	40995	41470	41630	41365	0.80	cps
Iron	56-2	758811	758656	764776	760747	0.46	cps
Iron	57-2	19597	19233	19450	19427	0.94	cps
Krypton	83-1	307	277	310	298	6.17	cps
Lead	206-1	3834	3611	3774	3739	3.09	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-05	Instrumnet Name :	P8
Client Sample ID :	ME2979	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:03:11	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3360	3250	3110	3240	3.87	cps
Lead	208-1	15090	14653	14443	14729	2.24	cps
Lithium	6-1	8193955	8226748	8274209	8231638	0.49	cps
Magnesium	24-2	20477411	20517849	20777464	20590908	0.79	cps
Manganese	55-2	83955	82962	84897	83938	1.15	cps
Molybdenum	94-1	2700	2937	2800	2813	4.23	cps
Molybdenum	95-1	1523	1490	1437	1483	2.95	cps
Molybdenum	96-1	1663	1730	1620	1671	3.32	cps
Molybdenum	97-1	827	783	873	828	5.44	cps
Molybdenum	98-1	2217	2060	2244	2174	4.56	cps
Neodymium	150-1	223	190	200	204	8.37	cps
Neodymium	150-2	33	67	53	51	32.83	cps
Nickel	60-2	1787	1840	1680	1769	4.61	cps
Phosphorus	31-2	150	163	150	154	4.99	cps
Potassium	39-2	443524	446349	446697	445524	0.39	cps
Rhodium	103-1	15309942	15149916	15085682	15181847	0.76	cps
Rhodium	103-2	6272865	5723260	5633085	5876403	5.89	cps
Scandium	45-1	11826981	11611941	11837254	11758725	1.08	cps
Scandium	45-2	235622	221650	214595	223956	4.78	cps
Selenium	82-1	103	123	90	106	15.90	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	7	10	17	11	45.82	cps
Silicon	28-1	78237636	79425889	78178027	78613850	0.90	cps
Silver	107-1	407	450	407	421	5.94	cps
Silver	109-1	187	207	220	204	8.21	cps
Sodium	23-2	18512140	18487868	18813571	18604526	0.98	cps
Strontium	86-1	82874224	83648842	82196430	82906499	0.88	cps
Strontium	88-1	727644576	721847749	728475162	725989163	0.50	cps
Sulfur	34-1	21015154	21432600	21196385	21214713	0.99	cps
Terbium	159-1	22824116	22661757	22648847	22711574	0.43	cps
Terbium	159-2	7766059	7068636	6911789	7248828	6.27	cps
Thallium	203-1	670	717	600	662	8.87	cps
Thallium	205-1	1553	1600	1547	1567	1.86	cps
Tin	118-1	8883	8613	8476	8657	2.39	cps
Titanium	47-1	2600	2670	2724	2665	2.32	cps
Uranium	238-1	12313	12837	12430	12526	2.20	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-05	Instrumnet Name :	P8
Client Sample ID :	ME2979	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:03:11	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	557	440	467	488	12.53	cps
Ytterbium	172-1	273	230	203	236	15.00	cps
Ytterbium	172-2	107	70	80	86	22.16	cps
Ytterbium	176-1	2150	2177	2197	2175	1.08	cps
Ytterbium	176-2	340	417	407	388	10.75	cps
Yttrium	89-1	29814921	29421393	29844771	29693695	0.80	cps
Yttrium	89-2	2179385	2016692	1963130	2053069	5.49	cps
Zinc	66-2	870	897	857	874	2.33	cps
Zirconium	90-1	5391	5344	5458	5398	1.06	cps
Zirconium	91-1	1220	1113	1210	1181	4.99	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-06	Instrumnet Name :	P8
Client Sample ID :	ME2989	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:06:26	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8996	9743	9356	9365	3.99	cps
Antimony	121-1	6445	6285	6031	6254	3.33	cps
Arsenic	75-2	2267	2437	2424	2376	3.98	cps
Barium	135-1	2625792	2641473	2662411	2643225	0.70	cps
Barium	137-1	4515713	4484149	4493190	4497684	0.36	cps
Beryllium	9-1	495	545	504	515	5.19	cps
Bismuth	209-1	13695925	13587101	13577562	13620196	0.48	cps
Bismuth	209-2	5049052	5099927	5044735	5064572	0.61	cps
Bromine	81-1	199683	209571	213073	207442	3.35	cps
Cadmium	108-1	80	97	73	83	14.43	cps
Cadmium	106-1	8533	8359	8346	8413	1.24	cps
Cadmium	111-1	6234	6084	6154	6157	1.22	cps
Calcium	43-1	19637856	19363112	19339184	19446717	0.85	cps
Calcium	44-1	318515862	315616182	309606329	314579458	1.44	cps
Carbon	12-1	61859732	77148341	84678125	74562066	15.59	cps
Carbon	12-2	610177	625587	632041	622602	1.80	cps
Chlorine	35-1	3898762	4238475	4273692	4136976	5.00	cps
Chlorine	35-2	17454	17270	17431	17385	0.57	cps
Chromium	52-2	4067	4127	3971	4055	1.95	cps
Cobalt	59-2	34281	35508	35250	35013	1.85	cps
Copper	63-2	10978	11195	11001	11058	1.08	cps
Dysprosium	156-1	1037	1060	1067	1054	1.49	cps
Dysprosium	156-2	303	337	397	346	13.69	cps
Erbium	164-1	1210	1063	1160	1145	6.52	cps
Erbium	164-2	343	363	357	354	2.87	cps
Gadolinium	160-1	1133	1227	1070	1143	6.89	cps
Gadolinium	160-2	347	437	410	398	11.62	cps
Holmium	165-1	22502348	22289816	22269227	22353797	0.58	cps
Holmium	165-2	7042134	7249589	7174539	7155421	1.47	cps
Indium	115-1	16673496	16492499	16592309	16586101	0.55	cps
Indium	115-2	1520915	1539000	1468482	1509465	2.43	cps
Iron	54-2	106423	106147	106137	106236	0.15	cps
Iron	56-2	2087937	2085242	2045492	2072890	1.15	cps
Iron	57-2	50145	49308	50452	49968	1.18	cps
Krypton	83-1	253	317	313	294	12.10	cps
Lead	206-1	12423	13053	12957	12811	2.65	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-06	Instrumnet Name :	P8
Client Sample ID :	ME2989	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:06:26	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10578	10421	10501	10500	0.75	cps
Lead	208-1	49464	49888	49116	49489	0.78	cps
Lithium	6-1	8645108	8491799	8568725	8568544	0.89	cps
Magnesium	24-2	27478266	27909856	27828510	27738877	0.83	cps
Manganese	55-2	2855926	2835593	2819778	2837099	0.64	cps
Molybdenum	94-1	11498	11605	10994	11366	2.87	cps
Molybdenum	95-1	7262	7202	7325	7263	0.85	cps
Molybdenum	96-1	8649	8856	8783	8763	1.20	cps
Molybdenum	97-1	4477	4507	4441	4475	0.75	cps
Molybdenum	98-1	11635	12012	11845	11831	1.60	cps
Neodymium	150-1	1400	1333	1290	1341	4.13	cps
Neodymium	150-2	287	323	313	308	6.16	cps
Nickel	60-2	4721	4704	4671	4699	0.54	cps
Phosphorus	31-2	3114	3157	3017	3096	2.32	cps
Potassium	39-2	1374605	1355466	1344108	1358060	1.13	cps
Rhodium	103-1	15383177	14915438	15231962	15176859	1.57	cps
Rhodium	103-2	5629602	5678488	5541721	5616603	1.23	cps
Scandium	45-1	12072097	11858825	11928760	11953227	0.91	cps
Scandium	45-2	207617	216182	213823	212541	2.08	cps
Selenium	82-1	330	153	213	232	38.68	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	30	27	20	26	19.92	cps
Silicon	28-1	336520315	346738835	335241195	339500115	1.86	cps
Silver	107-1	673	527	583	594	12.44	cps
Silver	109-1	337	313	270	307	11.03	cps
Sodium	23-2	14682316	14640818	14668761	14663965	0.14	cps
Strontium	86-1	102455915	101269922	101603712	101776516	0.60	cps
Strontium	88-1	888951533	885587987	879906787	884815436	0.52	cps
Sulfur	34-1	2039309	2025284	1988723	2017772	1.29	cps
Terbium	159-1	23196485	22340541	22702283	22746436	1.89	cps
Terbium	159-2	6908778	6964053	6837937	6903589	0.92	cps
Thallium	203-1	830	743	793	789	5.52	cps
Thallium	205-1	1797	1850	1990	1879	5.31	cps
Tin	118-1	13126	13126	13263	13172	0.60	cps
Titanium	47-1	17564	15002	17453	16673	8.69	cps
Uranium	238-1	25369	25502	25476	25449	0.28	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-06	Instrumnet Name :	P8
Client Sample ID :	ME2989	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:06:26	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8493	8563	8346	8467	1.31	cps
Ytterbium	172-1	630	687	620	646	5.57	cps
Ytterbium	172-2	197	233	287	239	18.94	cps
Ytterbium	176-1	2360	2400	2420	2394	1.28	cps
Ytterbium	176-2	413	407	487	436	10.19	cps
Yttrium	89-1	29402855	29441591	29310014	29384820	0.23	cps
Yttrium	89-2	1974678	1987737	1960744	1974386	0.68	cps
Zinc	66-2	5698	5891	6261	5950	4.81	cps
Zirconium	90-1	19127	20135	20305	19856	3.21	cps
Zirconium	91-1	4277	4351	4441	4356	1.88	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-07	Instrumnet Name :	P8
Client Sample ID :	ME2991	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:09:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2094	1964	1720	1926	9.84	cps
Antimony	121-1	280	270	257	269	4.35	cps
Arsenic	75-2	30	23	50	34	40.30	cps
Barium	135-1	76149	77087	76655	76631	0.61	cps
Barium	137-1	133464	131626	132747	132612	0.70	cps
Beryllium	9-1	457	514	525	499	7.25	cps
Bismuth	209-1	13458262	13617453	13377329	13484348	0.91	cps
Bismuth	209-2	4977382	4930764	4889272	4932472	0.89	cps
Bromine	81-1	119609	135655	141798	132354	8.66	cps
Cadmium	108-1	30	43	40	38	18.36	cps
Cadmium	106-1	8529	8639	8583	8584	0.64	cps
Cadmium	111-1	5993	6057	6057	6036	0.61	cps
Calcium	43-1	27056737	27117974	27281991	27152234	0.43	cps
Calcium	44-1	436161154	438755860	437975273	437630762	0.30	cps
Carbon	12-1	16363821	15657038	14879545	15633468	4.75	cps
Carbon	12-2	91100	88297	85393	88263	3.23	cps
Chlorine	35-1	5224428	5927324	6333838	5828530	9.63	cps
Chlorine	35-2	24838	26104	25546	25496	2.49	cps
Chromium	52-2	1587	1373	1513	1491	7.27	cps
Cobalt	59-2	483	437	393	438	10.28	cps
Copper	63-2	3320	3467	3437	3408	2.27	cps
Dysprosium	156-1	160	180	167	169	6.03	cps
Dysprosium	156-2	57	60	50	56	9.17	cps
Erbium	164-1	233	280	273	262	9.63	cps
Erbium	164-2	67	43	57	56	21.08	cps
Gadolinium	160-1	297	257	267	273	7.62	cps
Gadolinium	160-2	40	77	73	63	32.01	cps
Holmium	165-1	22324675	22093023	22226966	22214888	0.52	cps
Holmium	165-2	7035485	7086743	6960564	7027597	0.90	cps
Indium	115-1	16494061	16611770	16788756	16631529	0.89	cps
Indium	115-2	1455152	1468193	1447663	1457003	0.71	cps
Iron	54-2	6492	6625	6942	6686	3.46	cps
Iron	56-2	117055	118817	117795	117889	0.75	cps
Iron	57-2	3497	3791	3627	3638	4.04	cps
Krypton	83-1	350	270	383	334	17.41	cps
Lead	206-1	3367	3370	3507	3415	2.34	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-07	Instrumnet Name :	P8
Client Sample ID :	ME2991	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:09:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2867	2970	2997	2945	2.33	cps
Lead	208-1	13406	13256	13433	13365	0.71	cps
Lithium	6-1	8393339	8405035	8070768	8289714	2.29	cps
Magnesium	24-2	30683795	30691034	30358097	30577642	0.62	cps
Manganese	55-2	16660	16136	16546	16447	1.68	cps
Molybdenum	94-1	1757	1757	1827	1780	2.27	cps
Molybdenum	95-1	1037	1023	1027	1029	0.67	cps
Molybdenum	96-1	1237	1063	1330	1210	11.19	cps
Molybdenum	97-1	607	530	573	570	6.74	cps
Molybdenum	98-1	1260	1227	1427	1305	8.22	cps
Neodymium	150-1	227	247	177	217	16.64	cps
Neodymium	150-2	43	30	27	33	26.45	cps
Nickel	60-2	1483	1623	1583	1563	4.61	cps
Phosphorus	31-2	103	107	120	110	8.02	cps
Potassium	39-2	453916	460639	453967	456174	0.85	cps
Rhodium	103-1	14963456	15028731	15196978	15063055	0.80	cps
Rhodium	103-2	5570670	5549089	5447153	5522304	1.19	cps
Scandium	45-1	11769480	11887891	11789157	11815510	0.54	cps
Scandium	45-2	212465	214767	210532	212588	1.00	cps
Selenium	82-1	43	153	7	68	112.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	3	0	27	10	145.32	cps
Silicon	28-1	71488296	72789757	72354931	72210994	0.92	cps
Silver	107-1	417	433	367	406	8.55	cps
Silver	109-1	133	163	260	186	35.68	cps
Sodium	23-2	18238954	18044852	17963740	18082515	0.78	cps
Strontium	86-1	72802196	72313852	72310824	72475624	0.39	cps
Strontium	88-1	629008311	626054111	628212417	627758280	0.24	cps
Sulfur	34-1	37207563	37850817	37595344	37551241	0.86	cps
Terbium	159-1	22371257	22918023	22478093	22589124	1.28	cps
Terbium	159-2	6820619	6772224	6712022	6768289	0.80	cps
Thallium	203-1	690	743	750	728	4.52	cps
Thallium	205-1	1904	1797	1777	1826	3.73	cps
Tin	118-1	3240	3240	3010	3164	4.20	cps
Titanium	47-1	2900	2960	2990	2950	1.55	cps
Uranium	238-1	2147	2150	2017	2105	3.61	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-07	Instrumnet Name :	P8
Client Sample ID :	ME2991	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:09:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	353	377	363	364	3.21	cps
Ytterbium	172-1	157	160	193	170	11.93	cps
Ytterbium	172-2	67	67	53	62	12.38	cps
Ytterbium	176-1	1997	2080	2067	2048	2.19	cps
Ytterbium	176-2	277	283	397	319	21.15	cps
Yttrium	89-1	29426295	29596225	29670124	29564215	0.42	cps
Yttrium	89-2	1949589	1943851	1926261	1939900	0.63	cps
Zinc	66-2	530	583	483	532	9.40	cps
Zirconium	90-1	3440	3524	3751	3572	4.49	cps
Zirconium	91-1	700	790	790	760	6.84	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:12:54	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6580413	6584825	6574966	6580068	0.08	cps
Antimony	121-1	28637	27962	29088	28562	1.98	cps
Arsenic	75-2	23056	22785	23192	23011	0.90	cps
Barium	135-1	7529794	7707270	7589024	7608696	1.19	cps
Barium	137-1	12844696	13080318	13020067	12981694	0.94	cps
Beryllium	9-1	33970	34126	34112	34069	0.25	cps
Bismuth	209-1	13079546	12907847	13164136	13050510	1.00	cps
Bismuth	209-2	4842497	4812200	4859291	4837996	0.49	cps
Bromine	81-1	894971	974183	1010596	959917	6.16	cps
Cadmium	108-1	2667	2874	2914	2818	4.70	cps
Cadmium	106-1	15883	16049	15515	15816	1.73	cps
Cadmium	111-1	25654	25970	25051	25558	1.83	cps
Calcium	43-1	44355393	45585488	46102944	45347942	1.98	cps
Calcium	44-1	717470469	736019082	740970469	731486674	1.69	cps
Carbon	12-1	64042737	69422284	71749204	68404742	5.78	cps
Carbon	12-2	469590	471199	473048	471279	0.37	cps
Chlorine	35-1	11723454	13543184	14236468	13167702	9.86	cps
Chlorine	35-2	59073	59214	58946	59078	0.23	cps
Chromium	52-2	847903	845864	844155	845974	0.22	cps
Cobalt	59-2	702008	704470	710366	705615	0.61	cps
Copper	63-2	2573913	2576224	2567293	2572477	0.18	cps
Dysprosium	156-1	557324	559251	555699	557425	0.32	cps
Dysprosium	156-2	173142	172201	173804	173049	0.47	cps
Erbium	164-1	491033	493921	495436	493463	0.45	cps
Erbium	164-2	151990	152411	153892	152764	0.65	cps
Gadolinium	160-1	538535	545589	539069	541064	0.73	cps
Gadolinium	160-2	207952	208281	206721	207651	0.40	cps
Holmium	165-1	22414209	21991348	22290017	22231858	0.98	cps
Holmium	165-2	7242828	7192364	7402165	7279119	1.50	cps
Indium	115-1	16220474	16025617	16105746	16117279	0.61	cps
Indium	115-2	1448161	1442567	1460746	1450491	0.64	cps
Iron	54-2	31987942	32212916	31878074	32026311	0.53	cps
Iron	56-2	587087205	588243565	589552138	588294302	0.21	cps
Iron	57-2	14779828	14627255	14885749	14764277	0.88	cps
Krypton	83-1	1017	903	953	958	5.93	cps
Lead	206-1	4239123	4199542	4222638	4220434	0.47	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:12:54	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3433994	3505557	3429482	3456344	1.23	cps
Lead	208-1	16146977	16283170	16344537	16258228	0.62	cps
Lithium	6-1	8274220	8374986	8333409	8327539	0.61	cps
Magnesium	24-2	71925289	71650689	71907016	71827664	0.21	cps
Manganese	55-2	11976470	12003344	11988414	11989410	0.11	cps
Molybdenum	94-1	583043	590574	591215	588277	0.77	cps
Molybdenum	95-1	360962	367531	368392	365628	1.11	cps
Molybdenum	96-1	452168	459260	462206	457878	1.13	cps
Molybdenum	97-1	228393	230395	229505	229431	0.44	cps
Molybdenum	98-1	594709	605009	599185	599635	0.86	cps
Neodymium	150-1	763132	777539	776720	772464	1.05	cps
Neodymium	150-2	173892	174215	173493	173867	0.21	cps
Nickel	60-2	499931	506157	503538	503209	0.62	cps
Phosphorus	31-2	17911	17617	17527	17685	1.14	cps
Potassium	39-2	2977375	2955157	2988355	2973629	0.57	cps
Rhodium	103-1	14195544	14390242	14361254	14315680	0.73	cps
Rhodium	103-2	5420426	5362474	5444930	5409277	0.78	cps
Scandium	45-1	13073614	13067537	13158482	13099878	0.39	cps
Scandium	45-2	234568	234906	236835	235436	0.52	cps
Selenium	82-1	1597	1730	1644	1657	4.08	cps
Selenium	77-2	823	853	900	859	4.50	cps
Selenium	78-2	600	497	507	534	10.66	cps
Silicon	28-1	908239666	933513293	928535266	923429408	1.45	cps
Silver	107-1	14955	15516	15275	15249	1.84	cps
Silver	109-1	14104	14428	14561	14364	1.64	cps
Sodium	23-2	36793453	37132805	36878703	36934987	0.48	cps
Strontium	86-1	31797020	32384266	32503695	32228327	1.17	cps
Strontium	88-1	275364683	280788516	280397382	278850194	1.08	cps
Sulfur	34-1	9115124	9266022	9314281	9231809	1.13	cps
Terbium	159-1	22947725	22780017	22595338	22774360	0.77	cps
Terbium	159-2	6941042	6990769	6919490	6950434	0.53	cps
Thallium	203-1	39787	40473	39831	40030	0.96	cps
Thallium	205-1	94527	95606	94786	94973	0.59	cps
Tin	118-1	253423	254036	255861	254440	0.50	cps
Titanium	47-1	2710329	2817444	2846634	2791469	2.57	cps
Uranium	238-1	1511415	1506815	1500311	1506180	0.37	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:12:54	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	648606	640678	646440	645242	0.64	cps
Ytterbium	172-1	146500	147747	148041	147429	0.55	cps
Ytterbium	172-2	56998	56677	56583	56753	0.38	cps
Ytterbium	176-1	96456	98682	96835	97324	1.22	cps
Ytterbium	176-2	37557	37660	37664	37627	0.16	cps
Yttrium	89-1	36422048	36179520	36777107	36459558	0.82	cps
Yttrium	89-2	2504728	2468007	2517130	2496622	1.02	cps
Zinc	66-2	670928	671446	670340	670905	0.08	cps
Zirconium	90-1	1033680	1053550	1055301	1047510	1.15	cps
Zirconium	91-1	228115	231400	230970	230162	0.78	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-09	Instrumnet Name :	P8
Client Sample ID :	ME29A4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:16:01	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	713	753	793	753	5.31	cps
Antimony	121-1	333	330	317	327	2.70	cps
Arsenic	75-2	40	20	10	23	65.47	cps
Barium	135-1	298314	296298	297417	297343	0.34	cps
Barium	137-1	517324	520004	511323	516217	0.86	cps
Beryllium	9-1	562	527	469	520	9.12	cps
Bismuth	209-1	14283769	14232639	14538708	14351705	1.14	cps
Bismuth	209-2	5394514	5427176	5347581	5389757	0.74	cps
Bromine	81-1	203406	209656	212291	208451	2.19	cps
Cadmium	108-1	60	67	63	63	5.27	cps
Cadmium	106-1	8963	8993	8619	8858	2.34	cps
Cadmium	111-1	6329	6365	6086	6260	2.42	cps
Calcium	43-1	12041396	12084781	11923349	12016509	0.70	cps
Calcium	44-1	183799331	182140397	180356677	182098802	0.95	cps
Carbon	12-1	10126174	10241410	10361146	10242910	1.15	cps
Carbon	12-2	66158	65478	64280	65305	1.46	cps
Chlorine	35-1	5000436	5309177	5570119	5293244	5.39	cps
Chlorine	35-2	21342	21443	21169	21318	0.65	cps
Chromium	52-2	1483	1347	1267	1366	8.02	cps
Cobalt	59-2	297	260	257	271	8.19	cps
Copper	63-2	2884	2974	2874	2910	1.89	cps
Dysprosium	156-1	377	220	257	284	28.81	cps
Dysprosium	156-2	40	17	23	27	45.07	cps
Erbium	164-1	117	150	187	151	23.17	cps
Erbium	164-2	43	40	37	40	8.32	cps
Gadolinium	160-1	180	197	163	180	9.26	cps
Gadolinium	160-2	37	53	23	38	39.79	cps
Holmium	165-1	23073937	23082405	23595975	23250772	1.29	cps
Holmium	165-2	7467536	7611134	7508506	7529058	0.98	cps
Indium	115-1	18135709	17899913	18083089	18039570	0.69	cps
Indium	115-2	1633087	1644536	1642176	1639933	0.37	cps
Iron	54-2	20965	21326	20845	21046	1.19	cps
Iron	56-2	385038	383690	381526	383418	0.46	cps
Iron	57-2	9997	9477	9957	9810	2.95	cps
Krypton	83-1	270	313	280	288	7.88	cps
Lead	206-1	3677	3621	3447	3582	3.35	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-09	Instrumnet Name :	P8
Client Sample ID :	ME29A4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:16:01	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2890	3164	2914	2989	5.07	cps
Lead	208-1	14473	14430	13586	14163	3.53	cps
Lithium	6-1	9040297	9032920	9112632	9061949	0.49	cps
Magnesium	24-2	15193279	15177271	15070295	15146948	0.44	cps
Manganese	55-2	15008	15131	15622	15254	2.13	cps
Molybdenum	94-1	3717	3707	3287	3570	6.88	cps
Molybdenum	95-1	3440	3324	3457	3407	2.13	cps
Molybdenum	96-1	3957	3794	3867	3873	2.11	cps
Molybdenum	97-1	2114	2217	2080	2137	3.34	cps
Molybdenum	98-1	5551	5414	5411	5459	1.46	cps
Neodymium	150-1	107	103	97	102	4.98	cps
Neodymium	150-2	23	13	7	14	58.06	cps
Nickel	60-2	1050	957	1023	1010	4.76	cps
Phosphorus	31-2	167	193	173	178	7.81	cps
Potassium	39-2	454740	455736	450340	453605	0.63	cps
Rhodium	103-1	16275053	16281900	16593837	16383597	1.11	cps
Rhodium	103-2	6074821	6142802	6007540	6075054	1.11	cps
Scandium	45-1	12955596	12739742	13077712	12924350	1.32	cps
Scandium	45-2	226368	227348	223463	225727	0.90	cps
Selenium	82-1	137	83	100	107	25.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	0	13	9	86.60	cps
Silicon	28-1	129459975	129444901	132129138	130344671	1.19	cps
Silver	107-1	733	713	710	719	1.76	cps
Silver	109-1	190	170	157	172	9.74	cps
Sodium	23-2	23431548	23279707	23291922	23334392	0.36	cps
Strontium	86-1	296122676	293654196	296562056	295446309	0.53	cps
Strontium	88-1	2611571694	2584120228	2618141668	2604611197	0.69	cps
Sulfur	34-1	5085985	5142652	5112773	5113803	0.55	cps
Terbium	159-1	23940187	23573712	24208801	23907567	1.33	cps
Terbium	159-2	7319864	7423242	7132506	7291870	2.02	cps
Thallium	203-1	627	600	520	582	9.53	cps
Thallium	205-1	1420	1540	1360	1440	6.36	cps
Tin	118-1	4571	4541	4587	4566	0.52	cps
Titanium	47-1	2910	2970	2957	2946	1.07	cps
Uranium	238-1	5161	5191	5281	5211	1.20	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-09	Instrumnet Name :	P8
Client Sample ID :	ME29A4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:16:01	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	253	217	253	241	8.78	cps
Ytterbium	172-1	143	117	153	138	13.76	cps
Ytterbium	172-2	63	53	57	58	8.81	cps
Ytterbium	176-1	2117	2047	2400	2188	8.55	cps
Ytterbium	176-2	377	417	323	372	12.58	cps
Yttrium	89-1	31836437	31107886	32189688	31711337	1.74	cps
Yttrium	89-2	2122297	2175512	2096743	2131517	1.89	cps
Zinc	66-2	883	853	940	892	4.93	cps
Zirconium	90-1	4607	4721	4694	4674	1.27	cps
Zirconium	91-1	1080	1007	1007	1031	4.11	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-10	Instrumnet Name :	P8
Client Sample ID :	ME29A5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:19:16	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607	663	683	651	6.11	cps
Antimony	121-1	230	280	187	232	20.11	cps
Arsenic	75-2	23	7	33	21	63.80	cps
Barium	135-1	62985	63689	63243	63306	0.56	cps
Barium	137-1	109546	110651	110329	110175	0.52	cps
Beryllium	9-1	451	464	430	448	3.81	cps
Bismuth	209-1	13402189	13327919	13549204	13426437	0.84	cps
Bismuth	209-2	4997862	4988617	4907308	4964595	1.00	cps
Bromine	81-1	123235	134773	136719	131576	5.54	cps
Cadmium	108-1	50	53	57	53	6.25	cps
Cadmium	106-1	8012	8636	8259	8303	3.78	cps
Cadmium	111-1	5644	6058	5788	5830	3.61	cps
Calcium	43-1	26922247	27236215	27271274	27143245	0.71	cps
Calcium	44-1	435323580	439532073	436215834	437023829	0.51	cps
Carbon	12-1	8147836	8659318	8930218	8579124	4.63	cps
Carbon	12-2	61374	62432	62341	62049	0.95	cps
Chlorine	35-1	4130542	4473694	4617469	4407235	5.68	cps
Chlorine	35-2	18562	18055	18575	18397	1.61	cps
Chromium	52-2	1110	1090	1163	1121	3.38	cps
Cobalt	59-2	440	333	360	378	14.69	cps
Copper	63-2	2530	2654	2537	2574	2.70	cps
Dysprosium	156-1	393	330	330	351	10.41	cps
Dysprosium	156-2	50	57	50	52	7.37	cps
Erbium	164-1	257	347	253	286	18.54	cps
Erbium	164-2	80	93	43	72	35.85	cps
Gadolinium	160-1	263	243	280	262	7.00	cps
Gadolinium	160-2	77	123	123	108	25.00	cps
Holmium	165-1	22113978	22559117	22120572	22264556	1.15	cps
Holmium	165-2	7164066	7044259	7050632	7086319	0.95	cps
Indium	115-1	16817072	17044451	16876911	16912812	0.70	cps
Indium	115-2	1483840	1477987	1445989	1469272	1.39	cps
Iron	54-2	5521	5344	5434	5433	1.63	cps
Iron	56-2	98047	97863	98222	98044	0.18	cps
Iron	57-2	3067	3240	3084	3130	3.06	cps
Krypton	83-1	323	337	300	320	5.80	cps
Lead	206-1	3294	3017	3110	3140	4.48	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-10	Instrumnet Name :	P8
Client Sample ID :	ME29A5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:19:16	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2847	2780	2650	2759	3.63	cps
Lead	208-1	12829	12669	12623	12707	0.85	cps
Lithium	6-1	8604637	8666101	8359055	8543264	1.90	cps
Magnesium	24-2	33838042	33142716	33846098	33608952	1.20	cps
Manganese	55-2	32654	32821	33259	32911	0.95	cps
Molybdenum	94-1	3120	2947	3127	3065	3.33	cps
Molybdenum	95-1	3434	3614	3420	3489	3.10	cps
Molybdenum	96-1	3654	3951	3684	3763	4.34	cps
Molybdenum	97-1	2197	1970	2257	2141	7.06	cps
Molybdenum	98-1	5364	5585	5645	5531	2.67	cps
Neodymium	150-1	297	273	273	281	4.79	cps
Neodymium	150-2	77	87	60	74	18.10	cps
Nickel	60-2	930	873	917	907	3.27	cps
Phosphorus	31-2	143	133	157	144	8.10	cps
Potassium	39-2	663763	662143	651089	658998	1.05	cps
Rhodium	103-1	15232536	15408863	15288114	15309838	0.59	cps
Rhodium	103-2	5705337	5668686	5563792	5645938	1.30	cps
Scandium	45-1	12130566	12066820	12062904	12086763	0.31	cps
Scandium	45-2	217937	215715	212543	215398	1.26	cps
Selenium	82-1	77	143	133	118	30.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	3	7	17	9	78.08	cps
Silicon	28-1	77844544	80898000	80064734	79602426	1.98	cps
Silver	107-1	377	403	550	443	21.06	cps
Silver	109-1	120	137	240	166	39.27	cps
Sodium	23-2	14984181	14490447	14755353	14743327	1.68	cps
Strontium	86-1	71779217	71048404	72005462	71611028	0.70	cps
Strontium	88-1	627619271	618590924	630277737	625495977	0.98	cps
Sulfur	34-1	39397448	40079136	39873928	39783504	0.88	cps
Terbium	159-1	22539399	22811731	22961777	22770969	0.94	cps
Terbium	159-2	6992101	6901497	6612330	6835309	2.90	cps
Thallium	203-1	627	593	563	594	5.33	cps
Thallium	205-1	1347	1333	1320	1333	1.00	cps
Tin	118-1	7062	7122	7255	7146	1.39	cps
Titanium	47-1	2157	2187	2050	2131	3.37	cps
Uranium	238-1	5124	5108	4808	5013	3.56	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-10	Instrumnet Name :	P8
Client Sample ID :	ME29A5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:19:16	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	377	383	427	396	6.86	cps
Ytterbium	172-1	190	153	177	173	10.71	cps
Ytterbium	172-2	70	57	63	63	10.52	cps
Ytterbium	176-1	2070	2097	2300	2156	5.84	cps
Ytterbium	176-2	323	320	363	336	7.19	cps
Yttrium	89-1	29861860	30165109	30308661	30111877	0.76	cps
Yttrium	89-2	1968841	2010153	1961214	1980069	1.33	cps
Zinc	66-2	580	593	663	612	7.31	cps
Zirconium	90-1	3270	3234	3444	3316	3.38	cps
Zirconium	91-1	677	763	650	697	8.51	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-11	Instrumnet Name :	P8
Client Sample ID :	ME29A7	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:22:33	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	400	377	431	17.40	cps
Antimony	121-1	297	243	300	280	11.36	cps
Arsenic	75-2	53	33	40	42	24.12	cps
Barium	135-1	167930	167711	168554	168065	0.26	cps
Barium	137-1	291445	290815	290868	291042	0.12	cps
Beryllium	9-1	549	550	612	570	6.39	cps
Bismuth	209-1	13685722	13610730	13379400	13558617	1.18	cps
Bismuth	209-2	5014616	5085834	4904450	5001633	1.83	cps
Bromine	81-1	134472	163956	179782	159403	14.43	cps
Cadmium	108-1	50	33	57	47	25.76	cps
Cadmium	106-1	8182	8316	8019	8172	1.82	cps
Cadmium	111-1	5779	5901	5650	5777	2.17	cps
Calcium	43-1	16634564	16460309	16621545	16572139	0.59	cps
Calcium	44-1	263985516	264247483	266303183	264845394	0.48	cps
Carbon	12-1	8244348	8741243	9125364	8703651	5.07	cps
Carbon	12-2	61518	61364	61287	61390	0.19	cps
Chlorine	35-1	21719414	23702144	24469523	23297027	6.09	cps
Chlorine	35-2	97683	97691	98301	97892	0.36	cps
Chromium	52-2	1287	1507	1460	1418	8.18	cps
Cobalt	59-2	393	433	447	424	6.54	cps
Copper	63-2	2927	2984	2974	2961	1.02	cps
Dysprosium	156-1	183	180	163	176	6.10	cps
Dysprosium	156-2	47	37	23	36	32.93	cps
Erbium	164-1	227	200	237	221	8.57	cps
Erbium	164-2	53	47	50	50	6.66	cps
Gadolinium	160-1	220	193	137	183	23.21	cps
Gadolinium	160-2	40	53	53	49	15.74	cps
Holmium	165-1	22362802	22419847	22206783	22329811	0.49	cps
Holmium	165-2	7283004	7213089	7129099	7208398	1.07	cps
Indium	115-1	16915894	16608530	16753065	16759163	0.92	cps
Indium	115-2	1492131	1503790	1471087	1489003	1.11	cps
Iron	54-2	302922	302044	301261	302076	0.28	cps
Iron	56-2	5905298	5801802	5754579	5820560	1.32	cps
Iron	57-2	142925	139872	139670	140822	1.30	cps
Krypton	83-1	343	270	353	322	14.12	cps
Lead	206-1	3010	3227	3110	3116	3.48	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-11	Instrumnet Name :	P8
Client Sample ID :	ME29A7	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:22:33	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2637	2654	2640	2644	0.33	cps
Lead	208-1	11959	12492	12129	12193	2.24	cps
Lithium	6-1	8456628	8385722	8411952	8418101	0.43	cps
Magnesium	24-2	24606643	24192156	24289218	24362672	0.89	cps
Manganese	55-2	137299	136801	135744	136615	0.58	cps
Molybdenum	94-1	15092	15135	15225	15151	0.45	cps
Molybdenum	95-1	20125	19968	20288	20127	0.80	cps
Molybdenum	96-1	22078	22138	22188	22134	0.25	cps
Molybdenum	97-1	12359	12512	12966	12612	2.50	cps
Molybdenum	98-1	32608	32966	33076	32883	0.74	cps
Neodymium	150-1	140	197	137	158	21.37	cps
Neodymium	150-2	33	30	33	32	5.97	cps
Nickel	60-2	1203	1160	1203	1189	2.10	cps
Phosphorus	31-2	133	147	170	150	12.37	cps
Potassium	39-2	791320	795439	788933	791897	0.42	cps
Rhodium	103-1	15211994	14978766	14867610	15019457	1.17	cps
Rhodium	103-2	5650623	5635851	5568255	5618243	0.78	cps
Scandium	45-1	12052392	12242366	11895667	12063475	1.44	cps
Scandium	45-2	218438	219934	216673	218348	0.75	cps
Selenium	82-1	37	143	133	104	56.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	7	10	7	50.03	cps
Silicon	28-1	135826155	136147498	136342611	136105421	0.19	cps
Silver	107-1	513	517	487	506	3.25	cps
Silver	109-1	177	210	173	187	10.86	cps
Sodium	23-2	85173742	85250905	83828572	84751073	0.94	cps
Strontium	86-1	127824691	132133918	131251685	130403431	1.75	cps
Strontium	88-1	1132101050	1134982223	1144508703	1137197325	0.57	cps
Sulfur	34-1	17658241	17712819	17785280	17718780	0.36	cps
Terbium	159-1	22871858	22817171	22397024	22695351	1.14	cps
Terbium	159-2	6924746	6984200	6795819	6901588	1.40	cps
Thallium	203-1	530	513	457	500	7.69	cps
Thallium	205-1	1290	1087	1093	1157	9.99	cps
Tin	118-1	6051	5775	5965	5930	2.39	cps
Titanium	47-1	2967	3017	2887	2957	2.22	cps
Uranium	238-1	26651	26197	26815	26555	1.21	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-11	Instrumnet Name :	P8
Client Sample ID :	ME29A7	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:22:33	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	433	480	447	453	5.30	cps
Ytterbium	172-1	180	157	173	170	7.07	cps
Ytterbium	172-2	33	43	63	47	32.74	cps
Ytterbium	176-1	2047	2157	2007	2070	3.75	cps
Ytterbium	176-2	323	383	357	354	8.48	cps
Yttrium	89-1	29925085	29873045	29632047	29810059	0.52	cps
Yttrium	89-2	1988282	2011634	2001603	2000506	0.59	cps
Zinc	66-2	1323	1490	1320	1378	7.06	cps
Zirconium	90-1	10164	9760	9934	9953	2.03	cps
Zirconium	91-1	2357	2374	2304	2345	1.56	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-12	Instrumnet Name :	P8
Client Sample ID :	ME29A8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:25:49	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	463	420	387	423	9.08	cps
Antimony	121-1	1300	1230	1247	1259	2.90	cps
Arsenic	75-2	73	67	57	66	12.79	cps
Barium	135-1	695954	696656	691634	694748	0.39	cps
Barium	137-1	1210511	1210164	1202296	1207657	0.38	cps
Beryllium	9-1	399	477	426	434	9.21	cps
Bismuth	209-1	14257598	14174944	14025193	14152578	0.83	cps
Bismuth	209-2	5241573	5376951	5237986	5285503	1.50	cps
Bromine	81-1	74711	75207	74392	74770	0.55	cps
Cadmium	108-1	70	70	63	68	5.68	cps
Cadmium	106-1	9163	8756	8519	8813	3.69	cps
Cadmium	111-1	6579	6264	6103	6315	3.83	cps
Calcium	43-1	9590496	9318519	9540252	9483089	1.53	cps
Calcium	44-1	150847928	148821514	152096011	150588484	1.10	cps
Carbon	12-1	7489478	7873772	8151206	7838152	4.24	cps
Carbon	12-2	55902	55829	56766	56166	0.93	cps
Chlorine	35-1	4568576	4632343	4728605	4643175	1.74	cps
Chlorine	35-2	17798	17634	18305	17912	1.95	cps
Chromium	52-2	1183	1347	1407	1312	8.81	cps
Cobalt	59-2	1463	1453	1647	1521	7.16	cps
Copper	63-2	6251	6405	6315	6324	1.22	cps
Dysprosium	156-1	170	127	140	146	15.25	cps
Dysprosium	156-2	63	37	20	40	54.64	cps
Erbium	164-1	173	220	207	200	12.02	cps
Erbium	164-2	60	57	83	67	21.79	cps
Gadolinium	160-1	190	200	183	191	4.39	cps
Gadolinium	160-2	30	30	23	28	13.86	cps
Holmium	165-1	22841625	22794790	22550706	22729040	0.69	cps
Holmium	165-2	7422188	7368232	7270296	7353572	1.05	cps
Indium	115-1	17371502	17165455	17072200	17203052	0.89	cps
Indium	115-2	1585056	1615315	1597958	1599443	0.95	cps
Iron	54-2	7682	7549	7732	7654	1.24	cps
Iron	56-2	138474	137841	137845	138053	0.26	cps
Iron	57-2	3851	3657	3644	3717	3.11	cps
Krypton	83-1	267	347	233	282	20.64	cps
Lead	206-1	4037	4197	4051	4095	2.17	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-12	Instrumnet Name :	P8
Client Sample ID :	ME29A8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:25:49	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3437	3260	3517	3405	3.86	cps
Lead	208-1	15794	16011	15917	15907	0.68	cps
Lithium	6-1	8903013	8816613	8566148	8761925	2.00	cps
Magnesium	24-2	7390263	7377327	7359102	7375564	0.21	cps
Manganese	55-2	76544	77810	76905	77086	0.85	cps
Molybdenum	94-1	13617	13440	13250	13435	1.37	cps
Molybdenum	95-1	22191	22168	22061	22140	0.31	cps
Molybdenum	96-1	23573	23864	24004	23814	0.92	cps
Molybdenum	97-1	13824	13570	13643	13679	0.95	cps
Molybdenum	98-1	35579	35950	35569	35699	0.61	cps
Neodymium	150-1	147	93	170	137	28.76	cps
Neodymium	150-2	23	7	40	23	71.42	cps
Nickel	60-2	4594	4647	4461	4567	2.11	cps
Phosphorus	31-2	127	123	130	127	2.63	cps
Potassium	39-2	126673	126659	125023	126119	0.75	cps
Rhodium	103-1	15911535	15860076	15790351	15853987	0.38	cps
Rhodium	103-2	6056881	5971835	5954227	5994314	0.92	cps
Scandium	45-1	12409926	12231980	12519902	12387270	1.17	cps
Scandium	45-2	223758	220515	221315	221863	0.76	cps
Selenium	82-1	53	-33	113	44	165.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	20	23	16	68.90	cps
Silicon	28-1	64468331	62119962	64097541	63561945	1.99	cps
Silver	107-1	490	400	477	456	10.66	cps
Silver	109-1	110	87	80	92	17.08	cps
Sodium	23-2	11732595	11734694	11646557	11704616	0.43	cps
Strontium	86-1	110045988	108086182	108266608	108799593	1.00	cps
Strontium	88-1	945929666	938225159	935586066	939913630	0.57	cps
Sulfur	34-1	4655475	4517691	4592634	4588600	1.50	cps
Terbium	159-1	23482668	23100327	23154362	23245786	0.89	cps
Terbium	159-2	7070223	7081081	7061190	7070832	0.14	cps
Thallium	203-1	1030	993	973	999	2.88	cps
Thallium	205-1	2620	2510	2550	2560	2.18	cps
Tin	118-1	10864	10381	10377	10541	2.66	cps
Titanium	47-1	1597	1377	1620	1531	8.77	cps
Uranium	238-1	156608	154742	156339	155897	0.65	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-12	Instrumnet Name :	P8
Client Sample ID :	ME29A8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:25:49	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	407	357	360	374	7.47	cps
Ytterbium	172-1	160	200	160	173	13.32	cps
Ytterbium	172-2	57	63	83	68	20.47	cps
Ytterbium	176-1	2404	2260	2324	2329	3.08	cps
Ytterbium	176-2	333	317	427	359	16.52	cps
Yttrium	89-1	30277430	30833713	30533341	30548161	0.91	cps
Yttrium	89-2	2035018	2061586	2017689	2038098	1.08	cps
Zinc	66-2	5381	5338	5511	5410	1.67	cps
Zirconium	90-1	3264	3134	3030	3143	3.72	cps
Zirconium	91-1	623	677	683	661	4.97	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-13	Instrumnet Name :	P8
Client Sample ID :	ME29B0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:29:04	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71816	72271	72724	72270	0.63	cps
Antimony	121-1	4664	4851	4581	4699	2.94	cps
Arsenic	75-2	2114	2387	2167	2222	6.52	cps
Barium	135-1	139113	141200	138830	139714	0.93	cps
Barium	137-1	247407	240697	245785	244630	1.43	cps
Beryllium	9-1	600	499	534	544	9.45	cps
Bismuth	209-1	14578931	14136890	14063305	14259709	1.96	cps
Bismuth	209-2	5384836	5265463	5303901	5318067	1.15	cps
Bromine	81-1	336268	363667	384765	361567	6.73	cps
Cadmium	108-1	897	817	803	839	6.02	cps
Cadmium	106-1	8730	8796	9267	8931	3.28	cps
Cadmium	111-1	6370	6596	6891	6619	3.95	cps
Calcium	43-1	5493246	5459345	5379977	5444189	1.07	cps
Calcium	44-1	88485479	88619472	87189845	88098265	0.90	cps
Carbon	12-1	11624466	12050471	12399959	12024966	3.23	cps
Carbon	12-2	82500	82396	83036	82644	0.42	cps
Chlorine	35-1	4896320	5337713	5496441	5243491	5.93	cps
Chlorine	35-2	21967	21957	22341	22088	0.99	cps
Chromium	52-2	10364	10217	10527	10369	1.50	cps
Cobalt	59-2	4444	4287	4311	4347	1.94	cps
Copper	63-2	9503	9630	9713	9616	1.10	cps
Dysprosium	156-1	2174	2117	2210	2167	2.17	cps
Dysprosium	156-2	653	563	660	626	8.63	cps
Erbium	164-1	1733	1817	1647	1732	4.91	cps
Erbium	164-2	573	583	517	558	6.45	cps
Gadolinium	160-1	2150	2117	2220	2162	2.44	cps
Gadolinium	160-2	743	753	787	761	2.98	cps
Holmium	165-1	23188266	22777527	22832368	22932720	0.97	cps
Holmium	165-2	7370264	7374346	7363356	7369322	0.08	cps
Indium	115-1	17522263	17333050	17065925	17307079	1.32	cps
Indium	115-2	1595757	1514349	1513977	1541361	3.06	cps
Iron	54-2	133393	133581	133927	133634	0.20	cps
Iron	56-2	2612026	2536284	2547755	2565355	1.59	cps
Iron	57-2	62654	61957	60769	61793	1.54	cps
Krypton	83-1	273	300	243	272	10.41	cps
Lead	206-1	16674	16935	17255	16955	1.72	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-13	Instrumnet Name :	P8
Client Sample ID :	ME29B0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:29:04	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14241	13841	14048	14043	1.43	cps
Lead	208-1	66073	64987	65809	65623	0.86	cps
Lithium	6-1	9033296	8666069	8731466	8810277	2.22	cps
Magnesium	24-2	212246	211062	210382	211230	0.45	cps
Manganese	55-2	28165	27163	27380	27569	1.91	cps
Molybdenum	94-1	1058211	1064408	1041078	1054565	1.15	cps
Molybdenum	95-1	1935845	1979893	1941297	1952345	1.23	cps
Molybdenum	96-1	2109811	2165328	2091005	2122048	1.82	cps
Molybdenum	97-1	1160571	1163011	1151824	1158469	0.51	cps
Molybdenum	98-1	3176152	3143362	3206336	3175284	0.99	cps
Neodymium	150-1	3054	3077	2904	3011	3.12	cps
Neodymium	150-2	630	703	857	730	15.85	cps
Nickel	60-2	109339	110572	111492	110468	0.98	cps
Phosphorus	31-2	563	530	543	546	3.07	cps
Potassium	39-2	12815184	12492742	12659654	12655860	1.27	cps
Rhodium	103-1	16074273	15552779	15945129	15857394	1.71	cps
Rhodium	103-2	5959355	5848492	5847582	5885143	1.09	cps
Scandium	45-1	12693203	12397253	12165189	12418548	2.13	cps
Scandium	45-2	217103	216622	215756	216494	0.32	cps
Selenium	82-1	463	497	510	490	4.90	cps
Selenium	77-2	10	7	13	10	33.30	cps
Selenium	78-2	27	17	13	19	36.75	cps
Silicon	28-1	60319457	61125784	60611702	60685648	0.67	cps
Silver	107-1	480	427	443	450	6.06	cps
Silver	109-1	193	297	240	243	21.27	cps
Sodium	23-2	31297891	31839700	31382142	31506578	0.93	cps
Strontium	86-1	5222111	5218640	5226960	5222571	0.08	cps
Strontium	88-1	44638661	45551111	45251683	45147152	1.03	cps
Sulfur	34-1	3638562	3610978	3565057	3604865	1.03	cps
Terbium	159-1	23514962	23265605	23609143	23463237	0.76	cps
Terbium	159-2	7069001	6936279	6973597	6992959	0.98	cps
Thallium	203-1	847	897	863	869	2.93	cps
Thallium	205-1	2147	2117	2044	2102	2.53	cps
Tin	118-1	4437	4407	4661	4502	3.08	cps
Titanium	47-1	30772	30383	30463	30539	0.67	cps
Uranium	238-1	8253	8033	8410	8232	2.30	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-13	Instrumnet Name :	P8
Client Sample ID :	ME29B0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:29:04	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	14958	14791	15031	14927	0.82	cps
Ytterbium	172-1	610	570	533	571	6.71	cps
Ytterbium	172-2	193	207	230	210	8.84	cps
Ytterbium	176-1	2627	2487	2574	2563	2.76	cps
Ytterbium	176-2	493	490	453	479	4.63	cps
Yttrium	89-1	30818106	30240027	30628539	30562224	0.96	cps
Yttrium	89-2	2047201	1992204	1997956	2012454	1.50	cps
Zinc	66-2	3544	3424	3520	3496	1.82	cps
Zirconium	90-1	15669	16953	15356	15993	5.29	cps
Zirconium	91-1	3370	3427	3374	3390	0.94	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-14	Instrumnet Name :	P8
Client Sample ID :	ME29B1	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:32:13	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23990	24384	23746	24040	1.34	cps
Antimony	121-1	12636	12743	12316	12565	1.77	cps
Arsenic	75-2	1167	1180	1193	1180	1.13	cps
Barium	135-1	50905	51615	50219	50913	1.37	cps
Barium	137-1	88168	87229	88064	87820	0.59	cps
Beryllium	9-1	414	399	479	430	9.88	cps
Bismuth	209-1	14646653	14184599	14129854	14320369	1.98	cps
Bismuth	209-2	5301003	5335459	5286456	5307639	0.47	cps
Bromine	81-1	163201	165743	170134	166359	2.11	cps
Cadmium	108-1	253	327	343	308	15.56	cps
Cadmium	106-1	8946	9093	8679	8906	2.35	cps
Cadmium	111-1	6495	6523	6385	6468	1.13	cps
Calcium	43-1	2691895	2692272	2700472	2694880	0.18	cps
Calcium	44-1	43573198	42926245	43563408	43354284	0.86	cps
Carbon	12-1	10801118	11228328	11283262	11104236	2.38	cps
Carbon	12-2	74544	75167	74527	74746	0.49	cps
Chlorine	35-1	2858015	3060035	3170677	3029576	5.23	cps
Chlorine	35-2	12599	12229	12192	12340	1.82	cps
Chromium	52-2	1707	1767	1767	1747	1.98	cps
Cobalt	59-2	1493	1327	1377	1399	6.11	cps
Copper	63-2	33376	33486	33322	33395	0.25	cps
Dysprosium	156-1	170	150	133	151	12.15	cps
Dysprosium	156-2	20	43	37	33	36.05	cps
Erbium	164-1	170	203	187	187	8.93	cps
Erbium	164-2	60	63	30	51	35.92	cps
Gadolinium	160-1	187	197	197	193	2.99	cps
Gadolinium	160-2	50	60	83	64	26.54	cps
Holmium	165-1	23383608	22841955	22720335	22981966	1.54	cps
Holmium	165-2	7287918	7432144	7193121	7304394	1.65	cps
Indium	115-1	17625669	17193560	17508200	17442476	1.28	cps
Indium	115-2	1489503	1573090	1529603	1530732	2.73	cps
Iron	54-2	6088	5801	5698	5862	3.45	cps
Iron	56-2	104499	105880	105319	105233	0.66	cps
Iron	57-2	2714	2857	2590	2720	4.91	cps
Krypton	83-1	237	230	290	252	13.04	cps
Lead	206-1	11959	12079	11662	11900	1.80	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-14	Instrumnet Name :	P8
Client Sample ID :	ME29B1	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:32:13	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9834	10044	9957	9945	1.06	cps
Lead	208-1	47051	46904	46353	46769	0.79	cps
Lithium	6-1	8850532	8634477	8519323	8668111	1.94	cps
Magnesium	24-2	51353	52481	52447	52094	1.23	cps
Manganese	55-2	4821	4874	4741	4812	1.40	cps
Molybdenum	94-1	283256	282312	279587	281718	0.68	cps
Molybdenum	95-1	492918	493231	484700	490283	0.99	cps
Molybdenum	96-1	525461	524728	530201	526797	0.56	cps
Molybdenum	97-1	310703	311996	306832	309843	0.87	cps
Molybdenum	98-1	804085	805062	785949	798365	1.35	cps
Neodymium	150-1	150	107	153	137	19.05	cps
Neodymium	150-2	30	40	20	30	33.33	cps
Nickel	60-2	62798	62620	63537	62985	0.77	cps
Phosphorus	31-2	317	443	373	378	16.80	cps
Potassium	39-2	6908401	6901816	6847422	6885880	0.49	cps
Rhodium	103-1	16359324	15851178	15853698	16021400	1.83	cps
Rhodium	103-2	5843136	5871631	5818370	5844379	0.46	cps
Scandium	45-1	12313775	12129808	11840987	12094857	1.97	cps
Scandium	45-2	213454	218280	209646	213793	2.02	cps
Selenium	82-1	1037	903	840	927	10.83	cps
Selenium	77-2	7	27	13	16	65.47	cps
Selenium	78-2	53	57	60	57	5.89	cps
Silicon	28-1	88987665	89340785	90343005	89557152	0.79	cps
Silver	107-1	2587	2520	2697	2601	3.43	cps
Silver	109-1	2227	2237	2360	2275	3.27	cps
Sodium	23-2	20564498	20365555	20332278	20420777	0.61	cps
Strontium	86-1	2225151	2211029	2160373	2198851	1.55	cps
Strontium	88-1	19034070	18748811	18891023	18891301	0.76	cps
Sulfur	34-1	2442142	2447644	2423691	2437826	0.51	cps
Terbium	159-1	23523485	23227690	23226584	23325920	0.73	cps
Terbium	159-2	6986298	7017339	6836331	6946656	1.39	cps
Thallium	203-1	650	720	753	708	7.45	cps
Thallium	205-1	1660	1730	1790	1727	3.77	cps
Tin	118-1	4821	4781	4651	4751	1.87	cps
Titanium	47-1	2807	2817	2864	2829	1.07	cps
Uranium	238-1	423	473	373	423	11.81	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-14	Instrumnet Name :	P8
Client Sample ID :	ME29B1	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:32:13	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70321	70921	70573	70605	0.43	cps
Ytterbium	172-1	110	127	133	123	9.75	cps
Ytterbium	172-2	47	33	33	38	20.39	cps
Ytterbium	176-1	2204	2374	2257	2278	3.82	cps
Ytterbium	176-2	290	340	323	318	8.01	cps
Yttrium	89-1	30898253	30416485	29940919	30418552	1.57	cps
Yttrium	89-2	1924432	1995111	1952217	1957253	1.82	cps
Zinc	66-2	1183	1143	1180	1169	1.90	cps
Zirconium	90-1	1773	1717	1723	1738	1.78	cps
Zirconium	91-1	313	407	433	384	16.39	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-15	Instrumnet Name :	P8
Client Sample ID :	ME29A9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:35:30	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4567	4394	4567	4510	2.22	cps
Antimony	121-1	5438	5158	5354	5317	2.71	cps
Arsenic	75-2	73	67	80	73	9.09	cps
Barium	135-1	379031	378976	375381	377796	0.55	cps
Barium	137-1	661296	654081	657588	657655	0.55	cps
Beryllium	9-1	435	404	456	432	6.12	cps
Bismuth	209-1	13836079	13916251	13535913	13762748	1.46	cps
Bismuth	209-2	5029873	5197164	5035668	5087568	1.87	cps
Bromine	81-1	140709	169836	185524	165357	13.75	cps
Cadmium	108-1	90	83	97	90	7.41	cps
Cadmium	106-1	8506	8619	8449	8525	1.02	cps
Cadmium	111-1	6171	6279	6197	6216	0.90	cps
Calcium	43-1	6677510	6672286	6572063	6640620	0.89	cps
Calcium	44-1	108669905	108568532	107635845	108291427	0.53	cps
Carbon	12-1	7554901	8003709	8114237	7890949	3.75	cps
Carbon	12-2	55608	56374	55263	55749	1.02	cps
Chlorine	35-1	10876392	12391926	13014059	12094126	9.09	cps
Chlorine	35-2	53033	53773	52682	53163	1.05	cps
Chromium	52-2	1183	1213	1213	1203	1.44	cps
Cobalt	59-2	2500	2427	2567	2498	2.80	cps
Copper	63-2	9980	10407	10404	10264	2.39	cps
Dysprosium	156-1	533	573	583	563	4.70	cps
Dysprosium	156-2	147	190	133	157	18.91	cps
Erbium	164-1	540	557	490	529	6.56	cps
Erbium	164-2	150	137	147	144	4.80	cps
Gadolinium	160-1	580	523	507	537	7.16	cps
Gadolinium	160-2	197	240	190	209	13.00	cps
Holmium	165-1	22032726	22001248	21950281	21994752	0.19	cps
Holmium	165-2	6996214	7216266	7085876	7099452	1.56	cps
Indium	115-1	16842265	16617390	16760301	16739985	0.68	cps
Indium	115-2	1446508	1529078	1449983	1475190	3.17	cps
Iron	54-2	13697	13977	13860	13845	1.02	cps
Iron	56-2	257883	254163	253090	255045	0.99	cps
Iron	57-2	6341	6855	6632	6609	3.90	cps
Krypton	83-1	290	273	300	288	4.68	cps
Lead	206-1	5635	5871	5761	5756	2.06	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-15	Instrumnet Name :	P8
Client Sample ID :	ME29A9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:35:30	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4828	4704	4494	4675	3.61	cps
Lead	208-1	21934	22011	21761	21902	0.58	cps
Lithium	6-1	8657837	8529714	8442616	8543389	1.27	cps
Magnesium	24-2	7817634	7929199	7890328	7879054	0.72	cps
Manganese	55-2	23807	23436	23379	23541	0.99	cps
Molybdenum	94-1	43083	42140	43394	42872	1.52	cps
Molybdenum	95-1	72287	72310	71091	71896	0.97	cps
Molybdenum	96-1	77109	78068	76684	77287	0.92	cps
Molybdenum	97-1	44956	45130	44769	44951	0.40	cps
Molybdenum	98-1	118165	117261	117149	117525	0.47	cps
Neodymium	150-1	620	647	673	647	4.12	cps
Neodymium	150-2	113	83	107	101	15.58	cps
Nickel	60-2	12853	13306	13183	13114	1.79	cps
Phosphorus	31-2	277	247	277	267	6.50	cps
Potassium	39-2	214226	210709	213296	212744	0.86	cps
Rhodium	103-1	15508028	15212776	15277321	15332708	1.01	cps
Rhodium	103-2	5587893	5768592	5647700	5668062	1.62	cps
Scandium	45-1	11905589	11772793	11656796	11778393	1.06	cps
Scandium	45-2	209399	214439	207489	210442	1.71	cps
Selenium	82-1	330	353	390	358	8.45	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	33	13	40	29	48.05	cps
Silicon	28-1	53206833	53260323	53340038	53269064	0.13	cps
Silver	107-1	230	297	283	270	13.07	cps
Silver	109-1	147	110	110	122	17.32	cps
Sodium	23-2	47544486	47117709	47622004	47428067	0.57	cps
Strontium	86-1	9454785	9270340	9224170	9316432	1.31	cps
Strontium	88-1	80590172	81117802	81075690	80927888	0.36	cps
Sulfur	34-1	2861430	2829679	2856838	2849316	0.60	cps
Terbium	159-1	22944044	22643606	22669572	22752407	0.73	cps
Terbium	159-2	6759633	6920238	6741840	6807237	1.44	cps
Thallium	203-1	1503	1453	1580	1512	4.22	cps
Thallium	205-1	3537	3694	3607	3613	2.17	cps
Tin	118-1	3357	3824	3557	3579	6.54	cps
Titanium	47-1	4531	4407	4331	4423	2.28	cps
Uranium	238-1	533133	536718	532598	534149	0.42	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-15	Instrumnet Name :	P8
Client Sample ID :	ME29A9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:35:30	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	723	723	660	702	5.21	cps
Ytterbium	172-1	263	257	323	281	13.06	cps
Ytterbium	172-2	133	90	117	113	19.29	cps
Ytterbium	176-1	2217	2290	2160	2222	2.93	cps
Ytterbium	176-2	383	330	353	356	7.52	cps
Yttrium	89-1	29633167	29260740	29136120	29343342	0.88	cps
Yttrium	89-2	1878126	1979159	1892310	1916532	2.85	cps
Zinc	66-2	5418	5541	5424	5461	1.27	cps
Zirconium	90-1	4931	4744	4784	4820	2.04	cps
Zirconium	91-1	1060	997	990	1016	3.80	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-16	Instrumnet Name :	P8
Client Sample ID :	ME29B2	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:38:43	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1983	1787	1950	1907	5.52	cps
Antimony	121-1	1783	1857	1853	1831	2.26	cps
Arsenic	75-2	663	730	760	718	6.89	cps
Barium	135-1	301460	301733	303004	302066	0.27	cps
Barium	137-1	530650	524510	527799	527653	0.58	cps
Beryllium	9-1	401	459	446	435	6.94	cps
Bismuth	209-1	13699541	13637448	13593980	13643656	0.39	cps
Bismuth	209-2	5106491	4957591	5087056	5050379	1.60	cps
Bromine	81-1	228944	253290	264651	248962	7.33	cps
Cadmium	108-1	57	57	70	61	12.59	cps
Cadmium	106-1	8176	8092	7996	8088	1.11	cps
Cadmium	111-1	5753	5668	5618	5680	1.20	cps
Calcium	43-1	17109069	17332925	17172261	17204752	0.67	cps
Calcium	44-1	273368696	281742122	274616723	276575847	1.63	cps
Carbon	12-1	7503469	8108943	8343461	7985291	5.43	cps
Carbon	12-2	58288	57669	57934	57964	0.54	cps
Chlorine	35-1	5879160	6498349	6578005	6318504	6.05	cps
Chlorine	35-2	25716	26548	26815	26360	2.17	cps
Chromium	52-2	11255	11695	11408	11452	1.95	cps
Cobalt	59-2	4001	3847	4154	4001	3.83	cps
Copper	63-2	3917	3967	4104	3996	2.42	cps
Dysprosium	156-1	370	337	393	367	7.77	cps
Dysprosium	156-2	127	70	87	94	30.84	cps
Erbium	164-1	473	550	537	520	7.88	cps
Erbium	164-2	193	133	137	154	21.83	cps
Gadolinium	160-1	470	440	467	459	3.58	cps
Gadolinium	160-2	120	163	153	146	15.59	cps
Holmium	165-1	21895532	22379606	22158058	22144399	1.09	cps
Holmium	165-2	7077212	7179231	7118939	7125127	0.72	cps
Indium	115-1	16388954	16637631	16721582	16582722	1.04	cps
Indium	115-2	1455630	1471449	1473704	1466928	0.67	cps
Iron	54-2	153181	155175	153716	154024	0.67	cps
Iron	56-2	2973783	2977256	2965642	2972227	0.20	cps
Iron	57-2	72054	71672	71622	71783	0.33	cps
Krypton	83-1	317	297	317	310	3.72	cps
Lead	206-1	6502	6158	6145	6268	3.23	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-16	Instrumnet Name :	P8
Client Sample ID :	ME29B2	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:38:43	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5061	5104	5118	5094	0.58	cps
Lead	208-1	24766	23959	23542	24089	2.58	cps
Lithium	6-1	8384283	8416188	8332188	8377553	0.51	cps
Magnesium	24-2	19534412	19744760	19161166	19480113	1.52	cps
Manganese	55-2	868442	870607	878594	872548	0.61	cps
Molybdenum	94-1	4561	4721	5138	4806	6.20	cps
Molybdenum	95-1	2527	2497	2690	2571	4.05	cps
Molybdenum	96-1	3350	3227	3217	3265	2.28	cps
Molybdenum	97-1	1563	1660	1637	1620	3.11	cps
Molybdenum	98-1	3864	3957	3987	3936	1.63	cps
Neodymium	150-1	460	393	497	450	11.64	cps
Neodymium	150-2	87	87	113	96	16.11	cps
Nickel	60-2	4424	4567	4511	4501	1.60	cps
Phosphorus	31-2	477	567	560	534	9.38	cps
Potassium	39-2	526333	527022	533353	528903	0.73	cps
Rhodium	103-1	14922771	14851309	14947710	14907263	0.34	cps
Rhodium	103-2	5565962	5640909	5734934	5647268	1.50	cps
Scandium	45-1	11530161	11639477	11644656	11604764	0.56	cps
Scandium	45-2	211821	214805	214176	213601	0.74	cps
Selenium	82-1	87	150	103	113	28.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	17	0	7	8	107.84	cps
Silicon	28-1	115341802	115596705	115870728	115603078	0.23	cps
Silver	107-1	317	818	410	515	51.75	cps
Silver	109-1	83	93	100	92	9.10	cps
Sodium	23-2	19758383	19789477	19617995	19721952	0.46	cps
Strontium	86-1	72499957	71890042	71935924	72108641	0.47	cps
Strontium	88-1	633481164	620682857	619198884	624454302	1.26	cps
Sulfur	34-1	19820970	19891473	19692171	19801538	0.51	cps
Terbium	159-1	22145000	22524985	22428991	22366325	0.88	cps
Terbium	159-2	6837700	6856095	6943815	6879203	0.82	cps
Thallium	203-1	597	567	587	583	2.62	cps
Thallium	205-1	1273	1220	1203	1232	2.97	cps
Tin	118-1	13123	13257	12913	13097	1.32	cps
Titanium	47-1	3891	4197	4147	4078	4.04	cps
Uranium	238-1	36171	35386	35082	35546	1.58	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-16	Instrumnet Name :	P8
Client Sample ID :	ME29B2	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:38:43	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1533	1530	1443	1502	3.40	cps
Ytterbium	172-1	367	347	427	380	10.96	cps
Ytterbium	172-2	123	120	133	126	5.53	cps
Ytterbium	176-1	2047	2197	2374	2206	7.41	cps
Ytterbium	176-2	360	393	333	362	8.30	cps
Yttrium	89-1	29472690	29081746	29418070	29324169	0.72	cps
Yttrium	89-2	1949170	1944173	1961223	1951522	0.45	cps
Zinc	66-2	1827	1843	1647	1772	6.15	cps
Zirconium	90-1	8906	9113	9050	9023	1.17	cps
Zirconium	91-1	2074	1803	1980	1952	7.02	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-17	Instrumnet Name :	P8
Client Sample ID :	ME29B3	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:42:00	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150805	152746	150563	151371	0.79	cps
Antimony	121-1	3751	3987	3874	3871	3.06	cps
Arsenic	75-2	2084	2097	2054	2078	1.07	cps
Barium	135-1	817714	815546	810086	814449	0.48	cps
Barium	137-1	1442313	1416247	1402466	1420342	1.42	cps
Beryllium	9-1	512	507	507	509	0.57	cps
Bismuth	209-1	13610730	12970742	13487794	13356422	2.54	cps
Bismuth	209-2	4853890	4927591	4858463	4879981	0.85	cps
Bromine	81-1	1278955	1543930	1671448	1498111	13.36	cps
Cadmium	108-1	373	427	420	407	7.15	cps
Cadmium	106-1	8683	8493	8283	8486	2.36	cps
Cadmium	111-1	7083	6860	6774	6906	2.31	cps
Calcium	43-1	11901670	11628324	11642390	11724128	1.31	cps
Calcium	44-1	193472417	186242964	184490451	188068611	2.53	cps
Carbon	12-1	23898766	26441124	27365246	25901712	6.93	cps
Carbon	12-2	185292	188212	189106	187536	1.06	cps
Chlorine	35-1	31218160	33071910	33486422	32592164	3.71	cps
Chlorine	35-2	133031	134215	133067	133438	0.50	cps
Chromium	52-2	25004	23656	24157	24273	2.81	cps
Cobalt	59-2	5038	5178	5158	5124	1.48	cps
Copper	63-2	10174	10207	9823	10068	2.11	cps
Dysprosium	156-1	1023	963	933	973	4.71	cps
Dysprosium	156-2	303	340	283	309	9.30	cps
Erbium	164-1	900	837	890	876	3.89	cps
Erbium	164-2	323	357	273	318	13.20	cps
Gadolinium	160-1	920	1090	943	984	9.36	cps
Gadolinium	160-2	373	360	320	351	7.90	cps
Holmium	165-1	22363353	21800047	22037301	22066900	1.28	cps
Holmium	165-2	6945861	7043021	7048064	7012315	0.82	cps
Indium	115-1	16824824	16275163	16061821	16387269	2.40	cps
Indium	115-2	1413611	1433431	1439847	1428963	0.96	cps
Iron	54-2	221385	224222	221426	222345	0.73	cps
Iron	56-2	4199705	4351284	4287953	4279647	1.78	cps
Iron	57-2	102743	102582	102958	102761	0.18	cps
Krypton	83-1	307	340	300	316	6.79	cps
Lead	206-1	140219	140242	139794	140085	0.18	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-17	Instrumnet Name :	P8
Client Sample ID :	ME29B3	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:42:00	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	114463	115435	114060	114653	0.62	cps
Lead	208-1	540096	536898	539364	538786	0.31	cps
Lithium	6-1	8621779	8536538	8471183	8543167	0.88	cps
Magnesium	24-2	143154	140984	141559	141899	0.79	cps
Manganese	55-2	135489	138208	135937	136545	1.07	cps
Molybdenum	94-1	404933	400526	397760	401073	0.90	cps
Molybdenum	95-1	696859	686078	683688	688875	1.02	cps
Molybdenum	96-1	759632	745486	735045	746721	1.65	cps
Molybdenum	97-1	442319	437605	436970	438965	0.67	cps
Molybdenum	98-1	1141990	1128791	1122071	1130951	0.90	cps
Neodymium	150-1	1357	1450	1280	1362	6.25	cps
Neodymium	150-2	267	287	300	284	5.90	cps
Nickel	60-2	356181	356248	350646	354358	0.91	cps
Phosphorus	31-2	760	747	787	764	2.66	cps
Potassium	39-2	16524342	16510279	16339346	16457989	0.63	cps
Rhodium	103-1	15130121	14736607	14650824	14839184	1.72	cps
Rhodium	103-2	5408244	5450461	5490140	5449615	0.75	cps
Scandium	45-1	11937658	11699910	11629919	11755829	1.37	cps
Scandium	45-2	206637	209566	210523	208909	0.97	cps
Selenium	82-1	793	677	780	750	8.51	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	30	13	33	26	41.94	cps
Silicon	28-1	32049021	32656426	32972883	32559443	1.44	cps
Silver	107-1	1230	1353	1553	1379	11.83	cps
Silver	109-1	1050	1313	1213	1192	11.15	cps
Sodium	23-2	149402954	150924508	148987744	149771736	0.68	cps
Strontium	86-1	27185774	26346302	26237490	26589855	1.95	cps
Strontium	88-1	237994676	232364223	229402563	233253821	1.87	cps
Sulfur	34-1	1586200	1542069	1542865	1557045	1.62	cps
Terbium	159-1	23010898	22637279	21998599	22548925	2.27	cps
Terbium	159-2	6638827	6819725	6771823	6743458	1.39	cps
Thallium	203-1	843	797	803	814	3.10	cps
Thallium	205-1	2064	1957	2037	2019	2.75	cps
Tin	118-1	7499	7609	7025	7378	4.20	cps
Titanium	47-1	24400	23633	23132	23722	2.69	cps
Uranium	238-1	2140	2077	2210	2142	3.11	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-17	Instrumnet Name :	P8
Client Sample ID :	ME29B3	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:42:00	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9954	10417	9997	10123	2.53	cps
Ytterbium	172-1	357	477	387	407	15.36	cps
Ytterbium	172-2	137	170	137	148	13.02	cps
Ytterbium	176-1	2267	2330	2457	2351	4.12	cps
Ytterbium	176-2	453	457	400	437	7.28	cps
Yttrium	89-1	30400400	29160791	28873806	29478332	2.75	cps
Yttrium	89-2	1913340	1919828	1961690	1931619	1.36	cps
Zinc	66-2	31168	31822	30950	31313	1.45	cps
Zirconium	90-1	11649	10681	10517	10949	5.58	cps
Zirconium	91-1	2594	2450	2460	2501	3.20	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-18	Instrumnet Name :	P8
Client Sample ID :	ME29B4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:45:16	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19917	19804	19810	19844	0.32	cps
Antimony	121-1	14151	13620	13490	13754	2.54	cps
Arsenic	75-2	5338	5348	5474	5387	1.42	cps
Barium	135-1	70395	69547	70163	70035	0.63	cps
Barium	137-1	121856	122438	123554	122616	0.70	cps
Beryllium	9-1	456	392	426	425	7.50	cps
Bismuth	209-1	13943926	13865299	13753914	13854380	0.69	cps
Bismuth	209-2	5071168	5006653	4975095	5017639	0.98	cps
Bromine	81-1	422030	415086	407096	414737	1.80	cps
Cadmium	108-1	453	483	497	478	4.64	cps
Cadmium	106-1	8279	7886	8329	8165	2.98	cps
Cadmium	111-1	6181	6068	6309	6186	1.95	cps
Calcium	43-1	2115519	2127490	2137715	2126908	0.52	cps
Calcium	44-1	34097499	34048375	33709356	33951744	0.62	cps
Carbon	12-1	15804872	16332180	16590295	16242449	2.46	cps
Carbon	12-2	110061	109134	111425	110207	1.05	cps
Chlorine	35-1	4494507	4549091	4470503	4504700	0.89	cps
Chlorine	35-2	17000	16760	16263	16674	2.26	cps
Chromium	52-2	9944	10187	10010	10047	1.25	cps
Cobalt	59-2	2014	2254	2277	2181	6.68	cps
Copper	63-2	14191	14381	13910	14160	1.67	cps
Dysprosium	156-1	750	730	757	746	1.86	cps
Dysprosium	156-2	217	207	203	209	3.32	cps
Erbium	164-1	590	643	693	642	8.05	cps
Erbium	164-2	193	190	183	189	2.70	cps
Gadolinium	160-1	823	730	770	774	6.05	cps
Gadolinium	160-2	240	297	270	269	10.54	cps
Holmium	165-1	22111499	22617155	22077798	22268817	1.36	cps
Holmium	165-2	7034044	6949370	7023792	7002402	0.66	cps
Indium	115-1	16610666	16850807	16457136	16639536	1.19	cps
Indium	115-2	1453813	1450448	1446718	1450326	0.24	cps
Iron	54-2	138359	138446	137249	138018	0.48	cps
Iron	56-2	2649259	2643094	2609254	2633869	0.82	cps
Iron	57-2	63719	63474	64046	63746	0.45	cps
Krypton	83-1	223	250	253	242	6.79	cps
Lead	206-1	142530	142833	139464	141609	1.32	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-18	Instrumnet Name :	P8
Client Sample ID :	ME29B4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:45:16	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	115479	114413	113861	114584	0.72	cps
Lead	208-1	541809	541356	536917	540027	0.50	cps
Lithium	6-1	8503224	8264173	8362497	8376631	1.43	cps
Magnesium	24-2	38173	38752	38491	38472	0.75	cps
Manganese	55-2	55467	56484	55420	55791	1.08	cps
Molybdenum	94-1	573643	576382	576607	575544	0.29	cps
Molybdenum	95-1	998811	994038	1001154	998001	0.36	cps
Molybdenum	96-1	1070842	1078163	1066801	1071935	0.54	cps
Molybdenum	97-1	625549	627479	631679	628236	0.50	cps
Molybdenum	98-1	1725657	1742631	1717112	1728467	0.75	cps
Neodymium	150-1	913	1030	927	957	6.67	cps
Neodymium	150-2	193	220	160	191	15.73	cps
Nickel	60-2	99763	100173	100703	100213	0.47	cps
Phosphorus	31-2	1190	1323	1173	1229	6.69	cps
Potassium	39-2	12338063	12454516	12515667	12436082	0.73	cps
Rhodium	103-1	15312983	15156276	15100837	15190032	0.72	cps
Rhodium	103-2	5542578	5572158	5609159	5574632	0.60	cps
Scandium	45-1	11730001	11722591	11560475	11671022	0.82	cps
Scandium	45-2	208967	205876	203580	206141	1.31	cps
Selenium	82-1	477	293	463	411	24.86	cps
Selenium	77-2	0	3	13	6	124.93	cps
Selenium	78-2	23	23	27	24	7.89	cps
Silicon	28-1	403999874	400535354	408169794	404235007	0.95	cps
Silver	107-1	1143	1220	1210	1191	3.50	cps
Silver	109-1	1047	970	933	983	5.88	cps
Sodium	23-2	46813719	46365926	45833548	46337731	1.06	cps
Strontium	86-1	4294903	4405244	4373723	4357957	1.30	cps
Strontium	88-1	37473291	37187082	37906515	37522296	0.97	cps
Sulfur	34-1	3756322	3788053	3739516	3761297	0.66	cps
Terbium	159-1	22685166	23027345	22502954	22738488	1.17	cps
Terbium	159-2	6744413	6730709	6778045	6751056	0.36	cps
Thallium	203-1	493	543	543	527	5.48	cps
Thallium	205-1	1320	1297	1283	1300	1.43	cps
Tin	118-1	4417	4391	4331	4380	1.01	cps
Titanium	47-1	16676	16787	16603	16689	0.55	cps
Uranium	238-1	1053	983	1020	1019	3.44	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-18	Instrumnet Name :	P8
Client Sample ID :	ME29B4	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:45:16	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	57361	57501	56718	57194	0.73	cps
Ytterbium	172-1	220	270	313	268	17.44	cps
Ytterbium	172-2	133	113	97	114	16.04	cps
Ytterbium	176-1	2194	2174	2220	2196	1.07	cps
Ytterbium	176-2	313	303	377	331	12.01	cps
Yttrium	89-1	29197631	29560485	29492744	29416953	0.66	cps
Yttrium	89-2	1918396	1905864	1885792	1903351	0.86	cps
Zinc	66-2	34195	33530	34218	33981	1.15	cps
Zirconium	90-1	3571	3534	4168	3757	9.47	cps
Zirconium	91-1	763	930	957	883	11.86	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-19	Instrumnet Name :	P8
Client Sample ID :	ME29B5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:48:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25476	24441	25059	24992	2.08	cps
Antimony	121-1	48519	48395	48449	48454	0.13	cps
Arsenic	75-2	3874	3887	3901	3887	0.34	cps
Barium	135-1	60953	60809	59838	60533	1.00	cps
Barium	137-1	104674	105672	105235	105194	0.48	cps
Beryllium	9-1	575	501	576	551	7.80	cps
Bismuth	209-1	13392397	13108922	13295730	13265683	1.09	cps
Bismuth	209-2	4786635	5015129	4875533	4892432	2.35	cps
Bromine	81-1	491139	526999	543021	520386	5.10	cps
Cadmium	108-1	1007	883	993	961	7.04	cps
Cadmium	106-1	8022	8082	8319	8141	1.93	cps
Cadmium	111-1	6444	6499	6635	6526	1.50	cps
Calcium	43-1	393448	391556	391919	392308	0.26	cps
Calcium	44-1	6614732	6601812	6516455	6577666	0.81	cps
Carbon	12-1	28756844	30776612	31247476	30260311	4.37	cps
Carbon	12-2	202306	201970	203830	202702	0.49	cps
Chlorine	35-1	9711146	10652751	11016324	10460074	6.44	cps
Chlorine	35-2	44735	44973	45401	45036	0.75	cps
Chromium	52-2	8146	7882	8256	8095	2.37	cps
Cobalt	59-2	4174	4117	4127	4140	0.73	cps
Copper	63-2	33018	33750	33927	33565	1.44	cps
Dysprosium	156-1	1423	1577	1490	1497	5.14	cps
Dysprosium	156-2	420	477	473	457	6.96	cps
Erbium	164-1	1423	1557	1473	1485	4.54	cps
Erbium	164-2	507	510	430	482	9.38	cps
Gadolinium	160-1	1627	1410	1573	1537	7.35	cps
Gadolinium	160-2	560	467	493	507	9.49	cps
Holmium	165-1	22370406	21944422	21864456	22059761	1.23	cps
Holmium	165-2	6776199	7160852	6925376	6954142	2.79	cps
Indium	115-1	16422378	16210797	15859993	16164389	1.76	cps
Indium	115-2	1397015	1460125	1423471	1426871	2.22	cps
Iron	54-2	150706	149476	149596	149926	0.45	cps
Iron	56-2	2824976	3062095	2936502	2941191	4.03	cps
Iron	57-2	68698	68792	68209	68566	0.46	cps
Krypton	83-1	260	180	287	242	22.92	cps
Lead	206-1	295682	296009	296569	296087	0.15	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-19	Instrumnet Name :	P8
Client Sample ID :	ME29B5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:48:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	237981	242078	242716	240925	1.07	cps
Lead	208-1	1129288	1127279	1131356	1129307	0.18	cps
Lithium	6-1	8333201	8308129	8231067	8290799	0.64	cps
Magnesium	24-2	1825664	1810218	1834917	1823600	0.68	cps
Manganese	55-2	98296	98564	98248	98369	0.17	cps
Molybdenum	94-1	1101139	1112770	1102132	1105347	0.58	cps
Molybdenum	95-1	2039996	2033753	2031999	2035249	0.21	cps
Molybdenum	96-1	2260534	2239038	2202553	2234042	1.31	cps
Molybdenum	97-1	1216300	1223923	1209699	1216641	0.59	cps
Molybdenum	98-1	3303370	3359483	3320211	3327688	0.87	cps
Neodymium	150-1	2067	2084	2010	2054	1.87	cps
Neodymium	150-2	497	420	533	483	11.97	cps
Nickel	60-2	113908	113811	113172	113630	0.35	cps
Phosphorus	31-2	1460	1450	1207	1372	10.46	cps
Potassium	39-2	25192135	25192845	24717035	25034005	1.10	cps
Rhodium	103-1	14763475	14727135	14408803	14633138	1.33	cps
Rhodium	103-2	5390444	5591411	5447451	5476435	1.89	cps
Scandium	45-1	11516673	11527438	11307514	11450542	1.08	cps
Scandium	45-2	201424	209835	203516	204925	2.14	cps
Selenium	82-1	440	493	383	439	12.53	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	33	30	13	26	41.94	cps
Silicon	28-1	152292068	154040741	152843584	153058798	0.58	cps
Silver	107-1	4431	4581	4271	4427	3.50	cps
Silver	109-1	4177	4094	3991	4087	2.29	cps
Sodium	23-2	91022162	90070529	90811715	90634802	0.55	cps
Strontium	86-1	691200	686947	679956	686034	0.83	cps
Strontium	88-1	6072331	6140183	6076352	6096289	0.62	cps
Sulfur	34-1	4375802	4407801	4363183	4382262	0.52	cps
Terbium	159-1	22146959	22210567	22214266	22190597	0.17	cps
Terbium	159-2	6567950	6755308	6672678	6665312	1.41	cps
Thallium	203-1	1583	1487	1533	1535	3.15	cps
Thallium	205-1	3651	3877	3877	3802	3.44	cps
Tin	118-1	5821	5905	5955	5894	1.14	cps
Titanium	47-1	25237	24763	24525	24841	1.46	cps
Uranium	238-1	101992	103225	102385	102534	0.61	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-19	Instrumnet Name :	P8
Client Sample ID :	ME29B5	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:48:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	64615	65084	64987	64895	0.38	cps
Ytterbium	172-1	603	597	620	607	1.98	cps
Ytterbium	172-2	200	240	203	214	10.35	cps
Ytterbium	176-1	2524	2447	2507	2492	1.62	cps
Ytterbium	176-2	447	440	507	464	7.91	cps
Yttrium	89-1	28828346	28642081	28324887	28598438	0.89	cps
Yttrium	89-2	1851499	1931688	1895089	1892759	2.12	cps
Zinc	66-2	13173	12759	13276	13069	2.09	cps
Zirconium	90-1	12309	11985	12573	12289	2.39	cps
Zirconium	91-1	2547	2597	2700	2615	2.99	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:51:41	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813	723	600	712	15.04	cps
Antimony	121-1	413	430	397	413	4.03	cps
Arsenic	75-2	37	27	10	24	55.11	cps
Barium	135-1	38592	38321	38515	38476	0.36	cps
Barium	137-1	67769	67775	67816	67786	0.04	cps
Beryllium	9-1	449	417	431	432	3.62	cps
Bismuth	209-1	12490648	12417649	12547483	12485260	0.52	cps
Bismuth	209-2	4620211	4562812	4626046	4603023	0.76	cps
Bromine	81-1	168183	185931	193781	182632	7.18	cps
Cadmium	108-1	43	33	37	38	13.48	cps
Cadmium	106-1	8032	7969	8426	8142	3.04	cps
Cadmium	111-1	5636	5612	5939	5729	3.19	cps
Calcium	43-1	30179355	30457426	29666332	30101038	1.33	cps
Calcium	44-1	486207433	497675553	476814060	486899015	2.15	cps
Carbon	12-1	6577349	6880098	7156912	6871453	4.22	cps
Carbon	12-2	52627	52654	53821	53034	1.29	cps
Chlorine	35-1	56167983	61650797	63161347	60326709	6.10	cps
Chlorine	35-2	261044	261099	266473	262872	1.19	cps
Chromium	52-2	877	977	977	943	6.12	cps
Cobalt	59-2	217	270	273	253	12.55	cps
Copper	63-2	2807	2820	2970	2866	3.17	cps
Dysprosium	156-1	117	90	113	107	13.62	cps
Dysprosium	156-2	33	30	17	27	33.06	cps
Erbium	164-1	130	157	147	144	9.33	cps
Erbium	164-2	33	33	37	34	5.60	cps
Gadolinium	160-1	183	183	187	184	1.04	cps
Gadolinium	160-2	50	67	40	52	25.80	cps
Holmium	165-1	21168088	21043622	21024998	21078903	0.37	cps
Holmium	165-2	6764322	6793341	6821048	6792903	0.42	cps
Indium	115-1	15779965	15608468	15320092	15569508	1.49	cps
Indium	115-2	1383462	1382517	1385108	1383696	0.09	cps
Iron	54-2	428699	426810	428077	427862	0.23	cps
Iron	56-2	8044885	8113266	8218100	8125417	1.07	cps
Iron	57-2	198654	197698	199293	198548	0.40	cps
Krypton	83-1	357	307	433	366	17.45	cps
Lead	206-1	3260	3210	3164	3212	1.51	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:51:41	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2717	2760	2900	2793	3.43	cps
Lead	208-1	12546	12716	12926	12729	1.50	cps
Lithium	6-1	7773028	7761687	7842807	7792507	0.56	cps
Magnesium	24-2	42506631	42290458	41880974	42226021	0.75	cps
Manganese	55-2	109834	106701	107128	107888	1.57	cps
Molybdenum	94-1	2727	2847	2577	2717	4.98	cps
Molybdenum	95-1	3797	3871	3837	3835	0.96	cps
Molybdenum	96-1	3991	3967	3831	3929	2.20	cps
Molybdenum	97-1	2584	2180	2240	2335	9.32	cps
Molybdenum	98-1	5998	5678	5845	5840	2.74	cps
Neodymium	150-1	63	97	113	91	27.95	cps
Neodymium	150-2	20	10	17	16	32.73	cps
Nickel	60-2	813	903	857	858	5.25	cps
Phosphorus	31-2	117	143	113	124	13.21	cps
Potassium	39-2	675275	674220	677846	675780	0.28	cps
Rhodium	103-1	13912822	13824536	13910701	13882687	0.36	cps
Rhodium	103-2	5174477	5165445	5181075	5173666	0.15	cps
Scandium	45-1	11266477	11182044	11118929	11189150	0.66	cps
Scandium	45-2	203264	204668	202898	203610	0.46	cps
Selenium	82-1	90	120	30	80	57.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	10	7	23	13	66.12	cps
Silicon	28-1	120621878	121668552	121714482	121334970	0.51	cps
Silver	107-1	723	707	783	738	5.47	cps
Silver	109-1	470	497	477	481	2.88	cps
Sodium	23-2	149464981	146976574	149007934	148483163	0.89	cps
Strontium	86-1	84208107	84731099	84211740	84383649	0.36	cps
Strontium	88-1	738929402	738934016	730805562	736222993	0.64	cps
Sulfur	34-1	36921690	36915864	36399657	36745737	0.82	cps
Terbium	159-1	21531724	21635605	21433845	21533724	0.47	cps
Terbium	159-2	6483769	6536051	6463550	6494457	0.58	cps
Thallium	203-1	567	787	830	728	19.40	cps
Thallium	205-1	1310	1874	2174	1786	24.55	cps
Tin	118-1	3827	3721	3587	3712	3.24	cps
Titanium	47-1	3104	3004	3020	3043	1.76	cps
Uranium	238-1	8850	8540	8623	8671	1.85	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:51:41	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	160	93	97	117	32.20	cps
Ytterbium	172-1	157	110	163	143	20.28	cps
Ytterbium	172-2	47	30	53	43	27.73	cps
Ytterbium	176-1	2264	2114	2154	2177	3.57	cps
Ytterbium	176-2	313	300	267	293	8.20	cps
Yttrium	89-1	28068886	28417827	28001113	28162609	0.79	cps
Yttrium	89-2	1870021	1888928	1868766	1875905	0.60	cps
Zinc	66-2	463	507	487	486	4.47	cps
Zirconium	90-1	1980	2287	2220	2162	7.46	cps
Zirconium	91-1	430	427	310	389	17.57	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-21	Instrumnet Name :	P8
Client Sample ID :	ME29B9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:54:59	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21703	22237	21823	21921	1.28	cps
Antimony	121-1	613	680	643	646	5.17	cps
Arsenic	75-2	387	363	313	354	10.57	cps
Barium	135-1	73273	73136	72372	72927	0.67	cps
Barium	137-1	126286	127823	126555	126888	0.65	cps
Beryllium	9-1	532	640	556	576	9.80	cps
Bismuth	209-1	13691488	13680192	13566969	13646216	0.50	cps
Bismuth	209-2	4945094	4991455	4968255	4968268	0.47	cps
Bromine	81-1	96103	99238	98647	97996	1.70	cps
Cadmium	108-1	83	47	57	62	30.46	cps
Cadmium	106-1	9090	8226	8436	8584	5.25	cps
Cadmium	111-1	6421	5835	5972	6076	5.04	cps
Calcium	43-1	12718399	12609697	12718260	12682119	0.49	cps
Calcium	44-1	200382004	200369850	203042217	201264690	0.76	cps
Carbon	12-1	6850950	7347094	7711557	7303200	5.91	cps
Carbon	12-2	53326	54420	54695	54147	1.34	cps
Chlorine	35-1	5619416	5308044	5058680	5328714	5.27	cps
Chlorine	35-2	17985	17237	16953	17392	3.06	cps
Chromium	52-2	3444	3761	3510	3572	4.68	cps
Cobalt	59-2	2174	2377	1990	2180	8.87	cps
Copper	63-2	8042	7726	7896	7888	2.01	cps
Dysprosium	156-1	2127	2104	1970	2067	4.09	cps
Dysprosium	156-2	643	603	607	618	3.59	cps
Erbium	164-1	1780	1900	1830	1837	3.28	cps
Erbium	164-2	560	580	540	560	3.57	cps
Gadolinium	160-1	2187	2144	2210	2180	1.55	cps
Gadolinium	160-2	730	743	783	752	3.69	cps
Holmium	165-1	22158866	21730568	21691357	21860264	1.19	cps
Holmium	165-2	6918559	6898943	6744354	6853952	1.39	cps
Indium	115-1	16815265	16466934	16805047	16695749	1.19	cps
Indium	115-2	1430529	1419952	1398926	1416469	1.14	cps
Iron	54-2	168697	167334	166208	167413	0.74	cps
Iron	56-2	3215825	3204068	3182129	3200674	0.53	cps
Iron	57-2	77975	76055	77207	77079	1.25	cps
Krypton	83-1	327	260	300	296	11.35	cps
Lead	206-1	10704	10491	9914	10370	3.94	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-21	Instrumnet Name :	P8
Client Sample ID :	ME29B9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:54:59	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8683	8623	8503	8603	1.07	cps
Lead	208-1	40625	40301	39454	40127	1.51	cps
Lithium	6-1	8509661	8344552	8513804	8456006	1.14	cps
Magnesium	24-2	15966547	15832119	15727245	15841970	0.76	cps
Manganese	55-2	144668	144031	142937	143878	0.61	cps
Molybdenum	94-1	9016	9347	9685	9349	3.57	cps
Molybdenum	95-1	7932	7822	7836	7863	0.76	cps
Molybdenum	96-1	9050	8930	9100	9026	0.97	cps
Molybdenum	97-1	4718	4954	5014	4895	3.21	cps
Molybdenum	98-1	12496	12723	12406	12541	1.30	cps
Neodymium	150-1	2910	2784	2774	2823	2.70	cps
Neodymium	150-2	603	527	610	580	7.98	cps
Nickel	60-2	2354	2157	2384	2298	5.36	cps
Phosphorus	31-2	157	187	150	164	11.88	cps
Potassium	39-2	431604	428196	428399	429400	0.45	cps
Rhodium	103-1	15102836	14929445	15326974	15119751	1.32	cps
Rhodium	103-2	5623371	5506855	5414178	5514801	1.90	cps
Scandium	45-1	11849366	11632221	11874811	11785466	1.13	cps
Scandium	45-2	206367	206701	204072	205714	0.70	cps
Selenium	82-1	47	83	90	73	31.81	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	13	17	13	14	13.35	cps
Silicon	28-1	80330035	79969667	80498190	80265964	0.34	cps
Silver	107-1	453	487	510	483	5.89	cps
Silver	109-1	237	207	163	202	18.23	cps
Sodium	23-2	10693513	10640512	10761614	10698546	0.57	cps
Strontium	86-1	98786852	99958375	100870485	99871904	1.05	cps
Strontium	88-1	847554707	862030840	868744680	859443409	1.26	cps
Sulfur	34-1	15706307	15444784	15522819	15557970	0.86	cps
Terbium	159-1	22681413	22159361	22677351	22506042	1.33	cps
Terbium	159-2	6635214	6788356	6539573	6654381	1.89	cps
Thallium	203-1	1157	867	997	1007	14.43	cps
Thallium	205-1	2344	2337	2127	2269	5.43	cps
Tin	118-1	4561	4457	4567	4529	1.36	cps
Titanium	47-1	22281	22996	24327	23201	4.48	cps
Uranium	238-1	13574	13544	13781	13633	0.95	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-21	Instrumnet Name :	P8
Client Sample ID :	ME29B9	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:54:59	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2810	2877	3014	2900	3.57	cps
Ytterbium	172-1	573	673	650	632	8.28	cps
Ytterbium	172-2	240	207	217	221	7.74	cps
Ytterbium	176-1	2687	2580	2654	2640	2.07	cps
Ytterbium	176-2	413	440	440	431	3.57	cps
Yttrium	89-1	29443679	29068919	28629107	29047235	1.40	cps
Yttrium	89-2	1914525	1890446	1859166	1888046	1.47	cps
Zinc	66-2	2127	2040	2117	2095	2.26	cps
Zirconium	90-1	12533	12659	12846	12679	1.24	cps
Zirconium	91-1	2854	2847	2967	2889	2.33	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-22	Instrumnet Name :	P8
Client Sample ID :	ME29C0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:58:13	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	673	730	707	703	4.05	cps
Antimony	121-1	14047	14501	14565	14371	1.96	cps
Arsenic	75-2	363	370	413	382	7.10	cps
Barium	135-1	316540	321452	321533	319841	0.89	cps
Barium	137-1	557387	560021	558787	558732	0.24	cps
Beryllium	9-1	367	345	381	365	5.02	cps
Bismuth	209-1	12853005	12459494	12434691	12582397	1.87	cps
Bismuth	209-2	4648004	4669017	4714432	4677151	0.73	cps
Bromine	81-1	158688	193448	209588	187242	13.89	cps
Cadmium	108-1	80	67	57	68	17.27	cps
Cadmium	106-1	8106	7922	8419	8149	3.08	cps
Cadmium	111-1	5708	5576	5924	5736	3.06	cps
Calcium	43-1	28387135	28675055	28809957	28624049	0.75	cps
Calcium	44-1	464458326	462847060	454675700	460660362	1.14	cps
Carbon	12-1	6965517	7376729	7592398	7311548	4.36	cps
Carbon	12-2	55002	55039	55253	55098	0.25	cps
Chlorine	35-1	49531171	54320408	56141154	53330911	6.40	cps
Chlorine	35-2	231489	233887	234533	233303	0.69	cps
Chromium	52-2	1087	1183	1110	1127	4.48	cps
Cobalt	59-2	970	1093	1177	1080	9.63	cps
Copper	63-2	4454	4634	4347	4479	3.24	cps
Dysprosium	156-1	80	53	30	54	45.95	cps
Dysprosium	156-2	0	23	3	9	142.00	cps
Erbium	164-1	120	130	90	113	18.37	cps
Erbium	164-2	23	30	33	29	17.63	cps
Gadolinium	160-1	93	180	123	132	33.29	cps
Gadolinium	160-2	47	37	20	34	39.11	cps
Holmium	165-1	21540222	21599619	21146490	21428777	1.15	cps
Holmium	165-2	6838744	6790551	6731036	6786777	0.79	cps
Indium	115-1	15977453	15778831	15802215	15852833	0.68	cps
Indium	115-2	1398011	1399260	1389781	1395684	0.37	cps
Iron	54-2	10684	10744	10928	10785	1.18	cps
Iron	56-2	202450	200580	198852	200627	0.90	cps
Iron	57-2	5638	5561	5928	5709	3.39	cps
Krypton	83-1	437	267	353	352	24.13	cps
Lead	206-1	2900	2890	2937	2909	0.84	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-22	Instrumnet Name :	P8
Client Sample ID :	ME29C0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:58:13	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2524	2657	2330	2504	6.56	cps
Lead	208-1	11512	11919	11362	11598	2.48	cps
Lithium	6-1	8216909	8168008	8104082	8162999	0.69	cps
Magnesium	24-2	40296686	41379874	40133100	40603220	1.67	cps
Manganese	55-2	58911	60507	60296	59905	1.45	cps
Molybdenum	94-1	38787	38510	37540	38279	1.71	cps
Molybdenum	95-1	65748	66682	66347	66259	0.71	cps
Molybdenum	96-1	70213	70846	71027	70695	0.60	cps
Molybdenum	97-1	41248	42585	41676	41836	1.63	cps
Molybdenum	98-1	105548	106280	107526	106451	0.94	cps
Neodymium	150-1	57	50	103	70	41.52	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	2810	2797	2767	2791	0.80	cps
Phosphorus	31-2	120	130	103	118	11.44	cps
Potassium	39-2	1017588	1013077	1021418	1017361	0.41	cps
Rhodium	103-1	14055000	13785364	14113637	13984667	1.25	cps
Rhodium	103-2	5267259	5267032	5257475	5263922	0.11	cps
Scandium	45-1	11351541	11505375	11438205	11431707	0.67	cps
Scandium	45-2	208615	206356	205359	206777	0.81	cps
Selenium	82-1	63	253	157	158	60.22	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	17	3	10	10	66.70	cps
Silicon	28-1	98104692	100662712	100260252	99675885	1.38	cps
Silver	107-1	487	577	550	538	8.60	cps
Silver	109-1	300	210	300	270	19.25	cps
Sodium	23-2	135514608	136119868	135709268	135781248	0.23	cps
Strontium	86-1	79277269	79367324	79435914	79360169	0.10	cps
Strontium	88-1	677917897	695169470	695922003	689669790	1.48	cps
Sulfur	34-1	35893658	36807054	36863849	36521521	1.49	cps
Terbium	159-1	21892342	21435368	21840230	21722647	1.15	cps
Terbium	159-2	6592713	6572895	6575979	6580529	0.16	cps
Thallium	203-1	1693	1593	1750	1679	4.73	cps
Thallium	205-1	3847	3861	3764	3824	1.37	cps
Tin	118-1	4247	3781	3961	3996	5.89	cps
Titanium	47-1	2737	2590	2460	2596	5.33	cps
Uranium	238-1	405221	410457	412008	409229	0.87	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-22	Instrumnet Name :	P8
Client Sample ID :	ME29C0	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 16:58:13	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1073	1080	1117	1090	2.14	cps
Ytterbium	172-1	137	140	93	123	21.11	cps
Ytterbium	172-2	23	47	43	38	33.41	cps
Ytterbium	176-1	2204	1994	2037	2078	5.34	cps
Ytterbium	176-2	273	223	327	274	18.83	cps
Yttrium	89-1	28287221	28305165	28290905	28294431	0.03	cps
Yttrium	89-2	1875870	1889913	1888705	1884829	0.41	cps
Zinc	66-2	380	467	447	431	10.53	cps
Zirconium	90-1	1850	1907	1963	1907	2.97	cps
Zirconium	91-1	367	390	407	388	5.18	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DL2X5	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:01:33	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1314140	1287678	1313090	1304969	1.15	cps
Antimony	121-1	5811	5755	5898	5821	1.24	cps
Arsenic	75-2	4671	4307	4394	4457	4.26	cps
Barium	135-1	1444121	1454380	1463133	1453878	0.65	cps
Barium	137-1	2631343	2667845	2613403	2637530	1.05	cps
Beryllium	9-1	7282	7197	7381	7287	1.26	cps
Bismuth	209-1	13898622	13787335	13578462	13754806	1.18	cps
Bismuth	209-2	5061116	5116800	5057055	5078324	0.66	cps
Bromine	81-1	206835	220498	225250	217528	4.39	cps
Cadmium	108-1	620	590	553	588	5.68	cps
Cadmium	106-1	9917	9914	9683	9838	1.36	cps
Cadmium	111-1	10028	10034	9795	9952	1.37	cps
Calcium	43-1	8804959	9016691	8859924	8893858	1.24	cps
Calcium	44-1	143513295	144910835	144422468	144282199	0.49	cps
Carbon	12-1	14414276	15219444	15347045	14993588	3.37	cps
Carbon	12-2	101964	104840	103105	103303	1.40	cps
Chlorine	35-1	5756328	5729133	5551286	5678915	1.96	cps
Chlorine	35-2	20782	19954	19550	20095	3.12	cps
Chromium	52-2	166452	166513	164834	165933	0.57	cps
Cobalt	59-2	140603	141717	142026	141449	0.53	cps
Copper	63-2	512126	507904	509545	509858	0.42	cps
Dysprosium	156-1	111564	113060	111204	111943	0.88	cps
Dysprosium	156-2	33612	33910	33565	33696	0.55	cps
Erbium	164-1	96651	98787	98018	97818	1.11	cps
Erbium	164-2	29563	30041	29503	29702	0.99	cps
Gadolinium	160-1	106070	107092	106790	106651	0.49	cps
Gadolinium	160-2	40294	40963	40180	40479	1.04	cps
Holmium	165-1	22095613	22448406	21682724	22075581	1.74	cps
Holmium	165-2	7144227	7042042	7039733	7075334	0.84	cps
Indium	115-1	16366004	16545177	16319008	16410063	0.73	cps
Indium	115-2	1446931	1455298	1436051	1446093	0.67	cps
Iron	54-2	6350490	6214978	6241063	6268843	1.15	cps
Iron	56-2	115228582	115663938	115951488	115614669	0.31	cps
Iron	57-2	2922155	2961888	2966973	2950339	0.83	cps
Krypton	83-1	470	380	490	447	13.12	cps
Lead	206-1	827760	835115	829752	830876	0.46	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DL2X5	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:01:33	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	670703	683691	686524	680306	1.24	cps
Lead	208-1	3289982	3283462	3313907	3295784	0.49	cps
Lithium	6-1	8405087	8466655	8431567	8434436	0.37	cps
Magnesium	24-2	14432691	14453886	14249809	14378795	0.78	cps
Manganese	55-2	2405029	2372263	2338516	2371936	1.40	cps
Molybdenum	94-1	114550	116327	117034	115970	1.10	cps
Molybdenum	95-1	72457	72508	72086	72350	0.32	cps
Molybdenum	96-1	90670	91307	91012	90996	0.35	cps
Molybdenum	97-1	46106	46013	45979	46033	0.14	cps
Molybdenum	98-1	118161	119987	118574	118907	0.80	cps
Neodymium	150-1	154656	155819	154133	154870	0.56	cps
Neodymium	150-2	34123	34006	33933	34021	0.28	cps
Nickel	60-2	104158	103704	102654	103505	0.75	cps
Phosphorus	31-2	3677	3604	3427	3569	3.60	cps
Potassium	39-2	553372	555008	550316	552898	0.43	cps
Rhodium	103-1	15264200	14810572	15006486	15027086	1.51	cps
Rhodium	103-2	5608564	5560519	5622741	5597275	0.58	cps
Scandium	45-1	11946599	11972745	11632656	11850667	1.60	cps
Scandium	45-2	213885	214956	212629	213823	0.54	cps
Selenium	82-1	313	247	380	313	21.28	cps
Selenium	77-2	170	170	173	171	1.13	cps
Selenium	78-2	97	93	103	98	5.21	cps
Silicon	28-1	179880151	182325384	179863971	180689835	0.78	cps
Silver	107-1	3370	3450	3454	3425	1.38	cps
Silver	109-1	3057	3220	3144	3140	2.60	cps
Sodium	23-2	7403881	7394418	7399403	7399234	0.06	cps
Strontium	86-1	6397538	6331656	6334595	6354596	0.59	cps
Strontium	88-1	54934634	55388853	54700419	55007969	0.64	cps
Sulfur	34-1	2475766	2504642	2470843	2483750	0.74	cps
Terbium	159-1	22612491	22464911	22699111	22592171	0.52	cps
Terbium	159-2	6754158	6871697	6707588	6777814	1.25	cps
Thallium	203-1	8216	8870	8746	8611	4.03	cps
Thallium	205-1	20229	21087	20596	20638	2.09	cps
Tin	118-1	54756	54863	54197	54605	0.66	cps
Titanium	47-1	523315	521833	528300	524483	0.65	cps
Uranium	238-1	299008	303548	301898	301484	0.76	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DL2X5	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:01:33	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	124398	124293	122888	123860	0.68	cps
Ytterbium	172-1	29232	29199	29379	29270	0.33	cps
Ytterbium	172-2	11065	10684	11292	11014	2.79	cps
Ytterbium	176-1	20616	21177	21170	20988	1.53	cps
Ytterbium	176-2	7726	7616	7309	7550	2.86	cps
Yttrium	89-1	30910193	30700017	30279040	30629750	1.05	cps
Yttrium	89-2	1983431	1994647	2021668	1999915	0.98	cps
Zinc	66-2	138195	137102	137254	137517	0.43	cps
Zirconium	90-1	202161	205127	205271	204187	0.86	cps
Zirconium	91-1	45079	44628	44922	44876	0.51	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20DLX2	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:04:42	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	463	550	507	507	8.55	cps
Antimony	121-1	167	137	110	138	20.58	cps
Arsenic	75-2	17	17	23	19	20.36	cps
Barium	135-1	22485	23404	22923	22937	2.00	cps
Barium	137-1	38899	40404	39905	39736	1.93	cps
Beryllium	9-1	469	446	411	442	6.55	cps
Bismuth	209-1	13371191	13274934	13278550	13308225	0.41	cps
Bismuth	209-2	4865165	5583881	5030642	5159896	7.29	cps
Bromine	81-1	85191	97234	104402	95609	10.15	cps
Cadmium	108-1	33	33	33	33	0.00	cps
Cadmium	106-1	8379	8423	8303	8368	0.73	cps
Cadmium	111-1	5879	5896	5828	5868	0.60	cps
Calcium	43-1	16236033	16533182	16910550	16559922	2.04	cps
Calcium	44-1	264736116	265989589	271172369	267299358	1.28	cps
Carbon	12-1	5075935	5299410	5486147	5287164	3.88	cps
Carbon	12-2	38611	38163	37651	38142	1.26	cps
Chlorine	35-1	32891445	35482320	37294172	35222646	6.28	cps
Chlorine	35-2	148254	147677	148957	148296	0.43	cps
Chromium	52-2	807	910	903	873	6.62	cps
Cobalt	59-2	203	190	177	190	7.02	cps
Copper	63-2	2997	3110	3090	3066	1.97	cps
Dysprosium	156-1	107	83	77	89	17.72	cps
Dysprosium	156-2	20	0	20	13	86.60	cps
Erbium	164-1	167	123	143	144	15.01	cps
Erbium	164-2	33	30	47	37	24.06	cps
Gadolinium	160-1	173	183	180	179	2.85	cps
Gadolinium	160-2	40	50	50	47	12.37	cps
Holmium	165-1	21695985	21943743	21651282	21763670	0.72	cps
Holmium	165-2	7139720	7964163	7305909	7469931	5.84	cps
Indium	115-1	16543824	16577485	16680923	16600744	0.43	cps
Indium	115-2	1449695	1688396	1510757	1549616	8.00	cps
Iron	54-2	236653	234423	235740	235605	0.48	cps
Iron	56-2	4525981	4460691	4484668	4490447	0.74	cps
Iron	57-2	110961	108220	107834	109005	1.56	cps
Krypton	83-1	313	400	370	361	12.19	cps
Lead	206-1	2760	2797	2460	2673	6.91	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20DLX2	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:04:42	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2390	2280	2274	2315	2.83	cps
Lead	208-1	11119	10578	10265	10654	4.05	cps
Lithium	6-1	8222793	8447373	8567859	8412675	2.08	cps
Magnesium	24-2	23456995	23278752	23289429	23341725	0.43	cps
Manganese	55-2	58800	58924	59506	59077	0.64	cps
Molybdenum	94-1	1813	1663	1643	1707	5.44	cps
Molybdenum	95-1	2104	2124	2087	2105	0.87	cps
Molybdenum	96-1	2177	2230	2260	2222	1.90	cps
Molybdenum	97-1	1283	1213	1243	1247	2.82	cps
Molybdenum	98-1	3070	3154	3164	3129	1.64	cps
Neodymium	150-1	40	63	83	62	34.85	cps
Neodymium	150-2	3	10	17	10	66.70	cps
Nickel	60-2	927	933	1047	969	6.96	cps
Phosphorus	31-2	73	107	83	88	19.49	cps
Potassium	39-2	380947	372415	379885	377749	1.23	cps
Rhodium	103-1	14988099	14920599	14906087	14938262	0.29	cps
Rhodium	103-2	5523763	6218292	5719794	5820616	6.15	cps
Scandium	45-1	11654592	12056084	11809535	11840070	1.71	cps
Scandium	45-2	213094	242487	220235	225272	6.81	cps
Selenium	82-1	73	-20	3	19	257.15	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	7	17	17	13	43.29	cps
Silicon	28-1	64314571	64782427	66202122	65099707	1.51	cps
Silver	107-1	347	420	407	391	9.99	cps
Silver	109-1	183	163	200	182	10.07	cps
Sodium	23-2	81801307	80984842	81758864	81515004	0.56	cps
Strontium	86-1	44922604	45619246	46173796	45571882	1.38	cps
Strontium	88-1	390265288	398557127	403871647	397564687	1.72	cps
Sulfur	34-1	20157123	20203084	20624236	20328148	1.27	cps
Terbium	159-1	22548031	22458456	22690678	22565722	0.52	cps
Terbium	159-2	6786513	7514941	6840711	7047388	5.76	cps
Thallium	203-1	480	390	423	431	10.55	cps
Thallium	205-1	1087	1010	1093	1063	4.36	cps
Tin	118-1	4567	4054	3500	4041	13.21	cps
Titanium	47-1	1600	1647	1673	1640	2.26	cps
Uranium	238-1	4698	4501	4718	4639	2.58	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-20DLX2	Instrumnet Name :	P8
Client Sample ID :	ME29B8	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:04:42	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63	93	107	88	25.29	cps
Ytterbium	172-1	133	83	170	129	33.75	cps
Ytterbium	172-2	47	47	67	53	21.65	cps
Ytterbium	176-1	1954	2154	2194	2100	6.12	cps
Ytterbium	176-2	240	337	330	302	17.86	cps
Yttrium	89-1	29144063	28987766	29574975	29235602	1.04	cps
Yttrium	89-2	2003453	2206733	2006665	2072284	5.62	cps
Zinc	66-2	317	477	367	387	21.17	cps
Zirconium	90-1	1723	1637	1813	1725	5.12	cps
Zirconium	91-1	320	303	283	302	6.07	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DLX2	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:07:58	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	460	417	470	449	6.31	cps
Antimony	121-1	7739	7716	7972	7809	1.82	cps
Arsenic	75-2	157	193	247	199	22.75	cps
Barium	135-1	172557	171929	172314	172267	0.18	cps
Barium	137-1	292368	295405	298362	295378	1.01	cps
Beryllium	9-1	381	386	396	388	1.97	cps
Bismuth	209-1	13359250	13477260	13513828	13450113	0.60	cps
Bismuth	209-2	5072923	5035412	4913556	5007297	1.66	cps
Bromine	81-1	94077	111805	119322	108401	11.96	cps
Cadmium	108-1	60	63	100	74	29.81	cps
Cadmium	106-1	8566	8396	8543	8502	1.08	cps
Cadmium	111-1	6011	5883	5993	5962	1.16	cps
Calcium	43-1	15162175	15121779	15430744	15238232	1.10	cps
Calcium	44-1	244854643	247871590	249522223	247416152	0.96	cps
Carbon	12-1	5211554	5437598	5530847	5393333	3.04	cps
Carbon	12-2	39062	38340	39135	38846	1.13	cps
Chlorine	35-1	27996844	30251587	31254484	29834305	5.59	cps
Chlorine	35-2	123508	123444	124695	123882	0.57	cps
Chromium	52-2	1190	1320	1203	1238	5.78	cps
Cobalt	59-2	613	653	657	641	3.76	cps
Copper	63-2	3824	3734	3801	3786	1.23	cps
Dysprosium	156-1	43	47	57	49	14.20	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	130	130	93	118	17.98	cps
Erbium	164-2	17	37	50	34	48.70	cps
Gadolinium	160-1	143	173	117	144	19.63	cps
Gadolinium	160-2	23	33	30	29	17.63	cps
Holmium	165-1	22115081	21984811	22076071	22058654	0.30	cps
Holmium	165-2	7166504	7221494	6915290	7101096	2.30	cps
Indium	115-1	16687923	16556992	17025592	16756836	1.44	cps
Indium	115-2	1498126	1494333	1443797	1478752	2.05	cps
Iron	54-2	5718	6288	6281	6096	5.37	cps
Iron	56-2	110097	111804	112966	111622	1.29	cps
Iron	57-2	3090	3290	3367	3249	4.40	cps
Krypton	83-1	300	337	237	291	17.38	cps
Lead	206-1	2500	2267	2397	2388	4.90	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DLX2	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:07:58	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2187	1873	2040	2034	7.71	cps
Lead	208-1	9908	9005	9408	9440	4.79	cps
Lithium	6-1	8587516	8607830	8678276	8624541	0.55	cps
Magnesium	24-2	21381437	20937076	21319281	21212598	1.13	cps
Manganese	55-2	31608	32363	32216	32063	1.25	cps
Molybdenum	94-1	19781	21256	21006	20681	3.82	cps
Molybdenum	95-1	35064	34817	35452	35111	0.91	cps
Molybdenum	96-1	37280	37026	38102	37469	1.50	cps
Molybdenum	97-1	22181	22358	22689	22409	1.15	cps
Molybdenum	98-1	57696	56996	57830	57507	0.78	cps
Neodymium	150-1	37	23	57	39	43.15	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2254	2190	2314	2252	2.74	cps
Phosphorus	31-2	120	100	100	107	10.83	cps
Potassium	39-2	542517	547809	546233	545520	0.50	cps
Rhodium	103-1	15129026	14973500	15303685	15135404	1.09	cps
Rhodium	103-2	5742198	5634520	5533617	5636778	1.85	cps
Scandium	45-1	12175575	11987636	12318308	12160506	1.36	cps
Scandium	45-2	220566	219253	212544	217455	1.98	cps
Selenium	82-1	103	93	170	122	34.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	13	13	17	14	13.35	cps
Silicon	28-1	53290446	53088136	53168373	53182318	0.19	cps
Silver	107-1	400	407	473	427	9.50	cps
Silver	109-1	107	177	150	144	24.46	cps
Sodium	23-2	71407407	71614499	72512479	71844795	0.82	cps
Strontium	86-1	41795155	41458022	42377104	41876760	1.11	cps
Strontium	88-1	367684861	364751088	363244048	365226666	0.62	cps
Sulfur	34-1	19716798	19772895	19824257	19771317	0.27	cps
Terbium	159-1	22502536	22366724	22462228	22443829	0.31	cps
Terbium	159-2	6922848	6983688	6616619	6841052	2.88	cps
Thallium	203-1	930	997	940	956	3.76	cps
Thallium	205-1	2470	2307	2477	2418	3.98	cps
Tin	118-1	3804	3641	3691	3712	2.26	cps
Titanium	47-1	1417	1487	1430	1445	2.57	cps
Uranium	238-1	211422	215109	210685	212405	1.12	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1204-08DLX2	Instrumnet Name :	P8
Client Sample ID :	ME2996	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 17:07:58	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	520	527	497	514	3.06	cps
Ytterbium	172-1	147	130	127	134	7.97	cps
Ytterbium	172-2	57	60	50	56	9.17	cps
Ytterbium	176-1	2224	2287	2287	2266	1.61	cps
Ytterbium	176-2	277	300	323	300	7.78	cps
Yttrium	89-1	29713542	29207467	29756008	29559006	1.03	cps
Yttrium	89-2	2025380	1990345	1939136	1984953	2.19	cps
Zinc	66-2	347	360	353	353	1.89	cps
Zirconium	90-1	1423	1530	1480	1478	3.61	cps
Zirconium	91-1	300	253	290	281	8.74	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P8
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:11:13	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3557315	3596443	3603572	3585776	0.69	cps
Antimony	121-1	8587809	8658908	8644549	8630422	0.44	cps
Arsenic	75-2	158447	159828	160492	159589	0.65	cps
Barium	135-1	10491369	10685929	10499292	10558864	1.04	cps
Barium	137-1	18337302	18109656	18113723	18186894	0.72	cps
Beryllium	9-1	2848651	2889889	2810928	2849823	1.39	cps
Bismuth	209-1	12371035	12640222	12581863	12531040	1.13	cps
Bismuth	209-2	4686106	4667420	4652893	4668806	0.36	cps
Bromine	81-1	31225	29912	27811	29649	5.81	cps
Cadmium	108-1	168350	167109	166843	167434	0.48	cps
Cadmium	106-1	242027	241161	240117	241102	0.40	cps
Cadmium	111-1	2048353	2159485	2097993	2101944	2.65	cps
Calcium	43-1	14079614	14120444	14053089	14084382	0.24	cps
Calcium	44-1	230473223	230721563	229814417	230336401	0.20	cps
Carbon	12-1	4943247	5102918	5235631	5093932	2.87	cps
Carbon	12-2	40586	40706	40629	40640	0.15	cps
Chlorine	35-1	2968396	2786824	2645367	2800196	5.78	cps
Chlorine	35-2	9153	8446	8322	8640	5.19	cps
Chromium	52-2	1858530	1813096	1855422	1842349	1.38	cps
Cobalt	59-2	3394557	3434118	3385505	3404727	0.76	cps
Copper	63-2	25483118	25205195	25386874	25358396	0.56	cps
Dysprosium	156-1	443	563	513	507	11.90	cps
Dysprosium	156-2	97	120	140	119	18.24	cps
Erbium	164-1	467	517	483	489	5.21	cps
Erbium	164-2	157	170	173	167	5.29	cps
Gadolinium	160-1	420	360	447	409	10.86	cps
Gadolinium	160-2	180	143	137	153	15.22	cps
Holmium	165-1	21054421	21229506	21305357	21196428	0.61	cps
Holmium	165-2	6922974	6911485	6827735	6887398	0.75	cps
Indium	115-1	15326364	15362655	15378001	15355674	0.17	cps
Indium	115-2	1367655	1369154	1366985	1367931	0.08	cps
Iron	54-2	18395984	18254085	18465475	18371848	0.59	cps
Iron	56-2	339765128	336906488	335281535	337317717	0.67	cps
Iron	57-2	8417226	8477251	8457715	8450731	0.36	cps
Krypton	83-1	337	390	327	351	9.70	cps
Lead	206-1	34773472	35292991	35358282	35141582	0.91	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P8
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:11:13	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30107792	30048521	30252025	30136113	0.35	cps
Lead	208-1	138761335	139435378	140174404	139457039	0.51	cps
Lithium	6-1	7731816	7896404	7846740	7824987	1.08	cps
Magnesium	24-2	64074134	64618554	63403356	64032015	0.95	cps
Manganese	55-2	7402098	7366993	7393029	7387373	0.25	cps
Molybdenum	94-1	30042047	30338613	30395611	30258757	0.63	cps
Molybdenum	95-1	43003280	43575958	43275700	43284979	0.66	cps
Molybdenum	96-1	47989948	47639331	48120216	47916498	0.52	cps
Molybdenum	97-1	27274511	26828260	27456013	27186262	1.19	cps
Molybdenum	98-1	71537232	70510084	71810769	71286028	0.96	cps
Neodymium	150-1	817	773	790	793	2.76	cps
Neodymium	150-2	63	47	53	54	15.40	cps
Nickel	60-2	874415	883619	878565	878867	0.52	cps
Phosphorus	31-2	32306	32750	32817	32624	0.85	cps
Potassium	39-2	17167525	17293530	17403974	17288343	0.68	cps
Rhodium	103-1	14070050	13850136	14187585	14035924	1.22	cps
Rhodium	103-2	5276238	5364242	5233619	5291366	1.26	cps
Scandium	45-1	11136389	11144824	11112446	11131219	0.15	cps
Scandium	45-2	208504	207946	207391	207947	0.27	cps
Selenium	82-1	123979	123488	124049	123838	0.25	cps
Selenium	77-2	1953	1977	1963	1965	0.60	cps
Selenium	78-2	6718	6615	6658	6664	0.78	cps
Silicon	28-1	7550075	7671984	7720178	7647413	1.15	cps
Silver	107-1	10254612	10501675	10261156	10339148	1.36	cps
Silver	109-1	9645640	9955336	9846575	9815850	1.60	cps
Sodium	23-2	128624038	129350891	125988618	127987849	1.38	cps
Strontium	86-1	2840832	2789746	2859200	2829926	1.27	cps
Strontium	88-1	24462708	24512788	24256683	24410726	0.56	cps
Sulfur	34-1	1554035	1535408	1526751	1538731	0.91	cps
Terbium	159-1	21430327	22151981	21717146	21766485	1.67	cps
Terbium	159-2	6593425	6589282	6622239	6601649	0.27	cps
Thallium	203-1	8652592	8814667	8654762	8707340	1.07	cps
Thallium	205-1	20351853	20770831	20777874	20633519	1.18	cps
Tin	118-1	6874649	6834931	6949648	6886409	0.85	cps
Titanium	47-1	13291334	13149444	13351878	13264219	0.78	cps
Uranium	238-1	29261483	28985337	29192476	29146432	0.49	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P8
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:11:13	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1476119	1452106	1482568	1470264	1.09	cps
Ytterbium	172-1	560	573	530	554	4.00	cps
Ytterbium	172-2	220	203	207	210	4.20	cps
Ytterbium	176-1	43645	42759	44140	43515	1.61	cps
Ytterbium	176-2	13647	13794	13704	13715	0.54	cps
Yttrium	89-1	28393025	27881443	28006142	28093537	0.95	cps
Yttrium	89-2	1873972	1873315	1887413	1878233	0.42	cps
Zinc	66-2	2747691	2749778	2791382	2762950	0.89	cps
Zirconium	90-1	15258063	15350481	15432141	15346895	0.57	cps
Zirconium	91-1	3379962	3411146	3404667	3398592	0.48	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P8
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:14:38	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	183	163	171	6.26	cps
Antimony	121-1	1887	1737	1633	1752	7.27	cps
Arsenic	75-2	20	7	3	10	88.20	cps
Barium	135-1	447	417	380	414	8.06	cps
Barium	137-1	743	693	657	698	6.23	cps
Beryllium	9-1	1051	1056	1075	1061	1.18	cps
Bismuth	209-1	14484374	14564116	14350630	14466373	0.75	cps
Bismuth	209-2	5421006	5339283	5298776	5353021	1.16	cps
Bromine	81-1	16300	16233	15939	16157	1.19	cps
Cadmium	108-1	43	50	57	50	13.34	cps
Cadmium	106-1	8516	8399	8649	8522	1.47	cps
Cadmium	111-1	6058	5995	6125	6059	1.08	cps
Calcium	43-1	963	1107	810	960	15.45	cps
Calcium	44-1	37632	36423	36797	36951	1.68	cps
Carbon	12-1	4033687	3999600	3998543	4010610	0.50	cps
Carbon	12-2	25853	26267	25405	25842	1.67	cps
Chlorine	35-1	1476595	1415191	1357421	1416402	4.21	cps
Chlorine	35-2	4884	4434	4601	4640	4.90	cps
Chromium	52-2	980	983	1043	1002	3.56	cps
Cobalt	59-2	190	200	177	189	6.20	cps
Copper	63-2	3601	3514	3540	3552	1.25	cps
Dysprosium	156-1	20	40	30	30	33.33	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	60	123	97	93	34.07	cps
Erbium	164-2	30	20	40	30	33.33	cps
Gadolinium	160-1	130	113	153	132	15.20	cps
Gadolinium	160-2	30	20	17	22	31.22	cps
Holmium	165-1	22321406	21951659	22276684	22183249	0.91	cps
Holmium	165-2	7302566	7134936	7101909	7179804	1.50	cps
Indium	115-1	17005373	17513066	17328852	17282430	1.49	cps
Indium	115-2	1609952	1512206	1562580	1561579	3.13	cps
Iron	54-2	920	977	1083	993	8.35	cps
Iron	56-2	16223	16757	16820	16600	1.98	cps
Iron	57-2	423	430	400	418	3.77	cps
Krypton	83-1	340	343	367	350	4.15	cps
Lead	206-1	4487	4297	4017	4267	5.54	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P8
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:14:38	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3641	3831	3577	3683	3.58	cps
Lead	208-1	17555	17195	16298	17016	3.81	cps
Lithium	6-1	8730851	8616270	8674948	8674023	0.66	cps
Magnesium	24-2	3774	4037	4021	3944	3.74	cps
Manganese	55-2	410	433	390	411	5.27	cps
Molybdenum	94-1	1483	1463	1377	1441	3.93	cps
Molybdenum	95-1	1543	1453	1433	1477	3.97	cps
Molybdenum	96-1	1817	1670	1733	1740	4.23	cps
Molybdenum	97-1	1070	907	923	967	9.30	cps
Molybdenum	98-1	2430	2420	2367	2406	1.42	cps
Neodymium	150-1	13	17	17	16	12.40	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	1037	1000	1070	1036	3.38	cps
Phosphorus	31-2	73	100	153	109	37.41	cps
Potassium	39-2	16006	16349	16196	16184	1.06	cps
Rhodium	103-1	16175384	16165947	16360471	16233934	0.68	cps
Rhodium	103-2	6143887	6013369	6082505	6079920	1.07	cps
Scandium	45-1	12031354	12115324	11905996	12017558	0.88	cps
Scandium	45-2	217305	216231	217355	216964	0.29	cps
Selenium	82-1	-30	-23	-30	-28	-13.86	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	7	7	8	24.71	cps
Silicon	28-1	803595	780281	765284	783053	2.47	cps
Silver	107-1	1007	1113	887	1002	11.32	cps
Silver	109-1	887	880	690	819	13.64	cps
Sodium	23-2	108905	108482	106575	107988	1.15	cps
Strontium	86-1	1083	863	933	960	11.71	cps
Strontium	88-1	5031	5001	4524	4852	5.86	cps
Sulfur	34-1	778468	779965	784151	780861	0.38	cps
Terbium	159-1	22819945	23002829	22851622	22891465	0.43	cps
Terbium	159-2	7037029	6896898	6907300	6947076	1.12	cps
Thallium	203-1	1260	1280	1237	1259	1.72	cps
Thallium	205-1	3044	2614	2907	2855	7.70	cps
Tin	118-1	3724	3587	3871	3727	3.80	cps
Titanium	47-1	657	507	550	571	13.52	cps
Uranium	238-1	740	677	617	678	9.10	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P8
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:14:38	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	30	47	34	31.11	cps
Ytterbium	172-1	140	123	103	122	15.02	cps
Ytterbium	172-2	47	47	37	43	13.32	cps
Ytterbium	176-1	2267	1994	2174	2145	6.48	cps
Ytterbium	176-2	303	287	323	304	6.03	cps
Yttrium	89-1	30177280	30366731	30191475	30245162	0.35	cps
Yttrium	89-2	2010049	1937266	1943660	1963658	2.05	cps
Zinc	66-2	363	420	287	357	18.76	cps
Zirconium	90-1	1473	1547	1463	1495	3.04	cps
Zirconium	91-1	307	393	287	329	17.24	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BL	Instrumnet Name :	P8
Client Sample ID :	PBW535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:18:01	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	137	103	117	15.12	cps
Antimony	121-1	523	483	543	517	5.91	cps
Arsenic	75-2	7	13	7	9	43.25	cps
Barium	135-1	247	210	260	239	10.84	cps
Barium	137-1	290	323	300	304	5.62	cps
Beryllium	9-1	734	760	712	735	3.24	cps
Bismuth	209-1	14334506	14437271	14376331	14382703	0.36	cps
Bismuth	209-2	5206527	5409396	5275319	5297081	1.95	cps
Bromine	81-1	12612	12062	12055	12243	2.61	cps
Cadmium	108-1	27	37	40	34	20.14	cps
Cadmium	106-1	8069	8760	8613	8480	4.29	cps
Cadmium	111-1	5650	6166	6031	5949	4.50	cps
Calcium	43-1	600	620	633	618	2.72	cps
Calcium	44-1	30295	29424	29280	29666	1.85	cps
Carbon	12-1	3617750	3513574	3546678	3559334	1.50	cps
Carbon	12-2	22504	22971	22878	22784	1.09	cps
Chlorine	35-1	895129	867117	831840	864695	3.67	cps
Chlorine	35-2	3104	2997	2877	2993	3.79	cps
Chromium	52-2	733	750	750	744	1.29	cps
Cobalt	59-2	137	140	167	148	11.13	cps
Copper	63-2	3024	3040	3050	3038	0.44	cps
Dysprosium	156-1	20	20	63	34	72.63	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	97	133	143	124	19.74	cps
Erbium	164-2	33	37	37	36	5.42	cps
Gadolinium	160-1	107	133	110	117	12.46	cps
Gadolinium	160-2	27	23	33	28	18.33	cps
Holmium	165-1	22405724	21998786	22126119	22176876	0.94	cps
Holmium	165-2	7038089	7319818	7054640	7137516	2.21	cps
Indium	115-1	17172408	17183661	16967685	17107918	0.71	cps
Indium	115-2	1482007	1611476	1509545	1534343	4.45	cps
Iron	54-2	580	603	637	607	4.69	cps
Iron	56-2	8336	8256	8836	8476	3.71	cps
Iron	57-2	200	207	173	193	9.12	cps
Krypton	83-1	290	320	260	290	10.34	cps
Lead	206-1	2960	2814	2877	2884	2.55	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BL	Instrumnet Name :	P8
Client Sample ID :	PBW535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:18:01	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2750	2507	2490	2583	5.64	cps
Lead	208-1	12119	11572	11599	11763	2.62	cps
Lithium	6-1	8701073	8585200	8448855	8578376	1.47	cps
Magnesium	24-2	2740	2610	2577	2642	3.27	cps
Manganese	55-2	227	297	210	244	18.81	cps
Molybdenum	94-1	620	653	597	623	4.57	cps
Molybdenum	95-1	393	413	393	400	2.89	cps
Molybdenum	96-1	477	570	563	537	9.70	cps
Molybdenum	97-1	307	267	233	269	13.65	cps
Molybdenum	98-1	573	683	653	637	8.93	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1020	1000	1223	1081	11.43	cps
Phosphorus	31-2	87	90	87	88	2.19	cps
Potassium	39-2	14838	14924	14594	14785	1.16	cps
Rhodium	103-1	16147282	16070953	16273628	16163954	0.63	cps
Rhodium	103-2	5956799	6221162	6037593	6071851	2.23	cps
Scandium	45-1	12114874	11979412	12039270	12044519	0.56	cps
Scandium	45-2	211247	222046	212555	215283	2.74	cps
Selenium	82-1	47	-10	83	40	117.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	7	13	8	65.47	cps
Silicon	28-1	686523	673987	674765	678425	1.04	cps
Silver	107-1	490	387	437	438	11.80	cps
Silver	109-1	247	300	277	274	9.74	cps
Sodium	23-2	99815	99093	99076	99328	0.42	cps
Strontium	86-1	733	793	800	776	4.73	cps
Strontium	88-1	3094	2714	2747	2851	7.38	cps
Sulfur	34-1	779873	786011	778615	781500	0.51	cps
Terbium	159-1	22483497	22790190	22185291	22486326	1.35	cps
Terbium	159-2	6763702	6933085	6847335	6848041	1.24	cps
Thallium	203-1	877	887	873	879	0.79	cps
Thallium	205-1	1954	1907	1957	1939	1.44	cps
Tin	118-1	3591	3344	3400	3445	3.75	cps
Titanium	47-1	987	957	950	964	2.03	cps
Uranium	238-1	183	140	110	144	25.53	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BL	Instrumnet Name :	P8
Client Sample ID :	PBW535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:18:01	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	13	13	17	34.65	cps
Ytterbium	172-1	133	130	133	132	1.46	cps
Ytterbium	172-2	33	60	50	48	28.20	cps
Ytterbium	176-1	2090	2117	2070	2092	1.12	cps
Ytterbium	176-2	337	277	297	303	10.07	cps
Yttrium	89-1	30414710	29353058	29655765	29807844	1.83	cps
Yttrium	89-2	1905017	2004139	1968715	1959291	2.56	cps
Zinc	66-2	267	237	220	241	9.81	cps
Zirconium	90-1	1120	1050	1153	1108	4.76	cps
Zirconium	91-1	223	230	267	240	9.72	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:22:08	DataFile Name :	050LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3017	3080	3060	3053	1.06	cps
Antimony	121-1	76030	77153	76683	76622	0.74	cps
Arsenic	75-2	743	740	757	747	1.18	cps
Barium	135-1	91262	89849	90892	90667	0.81	cps
Barium	137-1	159599	158361	155900	157953	1.19	cps
Beryllium	9-1	13598	13566	13423	13529	0.69	cps
Bismuth	209-1	14300948	14202795	14429571	14311105	0.79	cps
Bismuth	209-2	5380992	5311391	5337331	5343238	0.66	cps
Bromine	81-1	9994	9710	9870	9858	1.44	cps
Cadmium	108-1	780	793	830	801	3.23	cps
Cadmium	106-1	9727	9593	9467	9596	1.36	cps
Cadmium	111-1	16283	15660	15249	15731	3.31	cps
Calcium	43-1	63124	61444	63556	62708	1.78	cps
Calcium	44-1	1033659	1043113	1033130	1036634	0.54	cps
Carbon	12-1	3604362	3531150	3555326	3563613	1.05	cps
Carbon	12-2	23432	23275	22734	23147	1.58	cps
Chlorine	35-1	2362766	2562077	2649014	2524619	5.81	cps
Chlorine	35-2	10671	10577	10817	10688	1.13	cps
Chromium	52-2	16346	15512	16286	16048	2.90	cps
Cobalt	59-2	16303	15692	15609	15868	2.39	cps
Copper	63-2	28859	29083	29180	29041	0.57	cps
Dysprosium	156-1	60	63	33	52	31.49	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	100	87	120	102	16.41	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	113	123	133	123	8.11	cps
Gadolinium	160-2	17	23	20	20	16.65	cps
Holmium	165-1	21963909	22131022	22440821	22178584	1.09	cps
Holmium	165-2	7144855	7031421	7177088	7117788	1.07	cps
Indium	115-1	16985021	17315722	17167751	17156165	0.97	cps
Indium	115-2	1500642	1499904	1538790	1513112	1.47	cps
Iron	54-2	66648	66628	66531	66602	0.09	cps
Iron	56-2	1198722	1210349	1202160	1203744	0.50	cps
Iron	57-2	30496	29654	30032	30061	1.40	cps
Krypton	83-1	243	293	317	284	13.17	cps
Lead	206-1	33864	33674	33958	33832	0.43	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:22:08	DataFile Name :	050LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	29494	30038	29701	29744	0.92	cps
Lead	208-1	134988	136183	134343	135171	0.69	cps
Lithium	6-1	8834090	8936056	8528577	8766241	2.42	cps
Magnesium	24-2	273224	267802	273138	271388	1.14	cps
Manganese	55-2	3554	3430	3414	3466	2.21	cps
Molybdenum	94-1	76656	76975	76073	76568	0.60	cps
Molybdenum	95-1	91817	92304	93388	92503	0.87	cps
Molybdenum	96-1	102948	105221	102790	103653	1.31	cps
Molybdenum	97-1	58536	59078	58007	58540	0.91	cps
Molybdenum	98-1	150596	150893	149899	150463	0.34	cps
Neodymium	150-1	37	37	23	32	23.90	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	5214	5208	5198	5207	0.16	cps
Phosphorus	31-2	243	307	350	300	17.88	cps
Potassium	39-2	161889	160558	160959	161136	0.42	cps
Rhodium	103-1	15977263	16141617	15966418	16028433	0.61	cps
Rhodium	103-2	6040761	5973777	6010358	6008299	0.56	cps
Scandium	45-1	12079395	11966247	11606523	11884055	2.08	cps
Scandium	45-2	214287	213064	215618	214323	0.60	cps
Selenium	82-1	2997	2994	2854	2948	2.78	cps
Selenium	77-2	63	47	47	52	18.42	cps
Selenium	78-2	207	157	190	184	13.80	cps
Silicon	28-1	968748	971282	969889	969973	0.13	cps
Silver	107-1	47876	46963	48475	47771	1.59	cps
Silver	109-1	44672	45368	45261	45100	0.83	cps
Sodium	23-2	648203	647888	646460	647517	0.14	cps
Strontium	86-1	12779	12666	12853	12766	0.74	cps
Strontium	88-1	106603	108501	107114	107406	0.91	cps
Sulfur	34-1	780976	779638	775679	778764	0.35	cps
Terbium	159-1	22809446	22539163	22351456	22566689	1.02	cps
Terbium	159-2	6852025	6734997	6786495	6791172	0.86	cps
Thallium	203-1	38905	39262	39700	39289	1.01	cps
Thallium	205-1	92809	94326	93134	93423	0.86	cps
Tin	118-1	157097	156807	157524	157143	0.23	cps
Titanium	47-1	7896	7462	7969	7776	3.52	cps
Uranium	238-1	121292	120556	122389	121413	0.76	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	PB166535BS	Instrumnet Name :	P8
Client Sample ID :	LCS535	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:22:08	DataFile Name :	050LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	31471	31391	31505	31456	0.19	cps
Ytterbium	172-1	117	130	127	124	5.57	cps
Ytterbium	172-2	17	37	50	34	48.70	cps
Ytterbium	176-1	2224	2304	2434	2320	4.57	cps
Ytterbium	176-2	270	347	390	336	18.11	cps
Yttrium	89-1	29797109	29740201	30045295	29860868	0.54	cps
Yttrium	89-2	1961591	1959524	1942555	1954557	0.53	cps
Zinc	66-2	6285	6512	6568	6455	2.32	cps
Zirconium	90-1	64505	64230	64783	64506	0.43	cps
Zirconium	91-1	14324	14464	14341	14376	0.53	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:25:28	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92103	93055	92807	92655	0.53	cps
Antimony	121-1	10981768	10929026	10965100	10958631	0.25	cps
Arsenic	75-2	211298	210871	210702	210957	0.15	cps
Barium	135-1	5501133	5455725	5599409	5518756	1.33	cps
Barium	137-1	9418740	9504321	9357246	9426769	0.78	cps
Beryllium	9-1	882706	884362	881058	882709	0.19	cps
Bismuth	209-1	14602346	14348832	14320922	14424033	1.07	cps
Bismuth	209-2	5217387	5241179	5313401	5257323	0.95	cps
Bromine	81-1	8790	8549	8719	8686	1.42	cps
Cadmium	108-1	199735	204437	203083	202418	1.20	cps
Cadmium	106-1	282632	281778	282186	282199	0.15	cps
Cadmium	111-1	3209607	3194887	3193714	3199403	0.28	cps
Calcium	43-1	3660	3654	3911	3742	3.91	cps
Calcium	44-1	61932	62552	63580	62688	1.33	cps
Carbon	12-1	4742147	4834421	4894987	4823852	1.60	cps
Carbon	12-2	32202	32001	32259	32154	0.42	cps
Chlorine	35-1	664794	641821	627517	644711	2.92	cps
Chlorine	35-2	2280	2217	2154	2217	2.86	cps
Chromium	52-2	1139755	1135637	1142027	1139140	0.28	cps
Cobalt	59-2	1871392	1802993	1817612	1830666	1.97	cps
Copper	63-2	4992766	4928563	4974331	4965220	0.67	cps
Dysprosium	156-1	97	73	117	96	22.70	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	130	87	87	101	24.74	cps
Erbium	164-2	17	13	40	23	62.27	cps
Gadolinium	160-1	117	130	147	131	11.46	cps
Gadolinium	160-2	20	33	33	29	26.64	cps
Holmium	165-1	22002111	22365116	22284048	22217092	0.86	cps
Holmium	165-2	7094409	7086116	7042523	7074349	0.39	cps
Indium	115-1	17136444	17280666	17243323	17220145	0.43	cps
Indium	115-2	1487758	1494217	1492862	1491612	0.23	cps
Iron	54-2	339428	341560	338739	339909	0.43	cps
Iron	56-2	5741722	5688636	5679363	5703240	0.59	cps
Iron	57-2	138246	138969	139855	139023	0.58	cps
Krypton	83-1	293	353	283	310	12.21	cps
Lead	206-1	11661946	11753405	11846339	11753897	0.78	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:25:28	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9609077	9882139	9619464	9703560	1.59	cps
Lead	208-1	45816464	45738653	45720506	45758541	0.11	cps
Lithium	6-1	8696316	8776299	8627424	8700013	0.86	cps
Magnesium	24-2	2424	2134	2327	2295	6.44	cps
Manganese	55-2	1145672	1146564	1145884	1146040	0.04	cps
Molybdenum	94-1	2585965	2557529	2522885	2555460	1.24	cps
Molybdenum	95-1	4427270	4479780	4373532	4426861	1.20	cps
Molybdenum	96-1	4808611	4869935	4768524	4815690	1.06	cps
Molybdenum	97-1	2800071	2827797	2817038	2814969	0.50	cps
Molybdenum	98-1	7255582	7334358	7299770	7296570	0.54	cps
Neodymium	150-1	320	343	337	333	3.61	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	1066575	1065491	1073795	1068620	0.42	cps
Phosphorus	31-2	83	107	90	93	12.88	cps
Potassium	39-2	14114	14057	13963	14045	0.54	cps
Rhodium	103-1	16489371	16088193	16296377	16291314	1.23	cps
Rhodium	103-2	5959215	5923860	5996269	5959781	0.61	cps
Scandium	45-1	11961349	11842770	11865324	11889814	0.53	cps
Scandium	45-2	210671	211790	209538	210666	0.53	cps
Selenium	82-1	68414	69362	69375	69050	0.80	cps
Selenium	77-2	1000	1147	1013	1053	7.70	cps
Selenium	78-2	3557	3490	3520	3523	0.95	cps
Silicon	28-1	625737	618642	617164	620514	0.74	cps
Silver	107-1	17569543	17656601	17205172	17477106	1.37	cps
Silver	109-1	16482270	16711902	16363330	16519167	1.07	cps
Sodium	23-2	94530	95288	95144	94987	0.42	cps
Strontium	86-1	347121	349926	348504	348517	0.40	cps
Strontium	88-1	3119337	3179429	3101648	3133471	1.30	cps
Sulfur	34-1	744427	727649	716124	729400	1.95	cps
Terbium	159-1	22993074	22801650	22795465	22863396	0.49	cps
Terbium	159-2	6755016	6828612	6762261	6781963	0.60	cps
Thallium	203-1	14115366	14248514	14390613	14251498	0.97	cps
Thallium	205-1	34002759	33542965	34037445	33861056	0.82	cps
Tin	118-1	3467	3314	3444	3408	2.42	cps
Titanium	47-1	1117	1137	1010	1088	6.26	cps
Uranium	238-1	73	47	43	54	30.20	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:25:28	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4972294	4850952	4976568	4933271	1.45	cps
Ytterbium	172-1	130	153	110	131	16.54	cps
Ytterbium	172-2	53	37	43	44	18.87	cps
Ytterbium	176-1	2114	2070	2130	2105	1.47	cps
Ytterbium	176-2	350	327	323	333	4.36	cps
Yttrium	89-1	30325485	29735100	29710219	29923601	1.16	cps
Yttrium	89-2	1926492	1918882	1943976	1929783	0.67	cps
Zinc	66-2	594584	596726	596457	595922	0.20	cps
Zirconium	90-1	1643	1643	1643	1643	0.00	cps
Zirconium	91-1	2557	2524	2257	2446	6.72	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:28:31	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247813	248627	246240	247560	0.49	cps
Antimony	121-1	15024561	15413517	15108436	15182171	1.35	cps
Arsenic	75-2	107372	107264	106855	107164	0.25	cps
Barium	135-1	2737364	2718845	2683637	2713282	1.01	cps
Barium	137-1	4726307	4602039	4657779	4662042	1.34	cps
Beryllium	9-1	926952	930442	930338	929244	0.21	cps
Bismuth	209-1	14418274	14637526	14562435	14539412	0.77	cps
Bismuth	209-2	5247861	5276719	5303033	5275871	0.52	cps
Bromine	81-1	7819	8059	8149	8009	2.13	cps
Cadmium	108-1	87696	87713	88750	88053	0.69	cps
Cadmium	106-1	125801	124617	123092	124503	1.09	cps
Cadmium	111-1	1305011	1317412	1316581	1313001	0.53	cps
Calcium	43-1	3584	3734	3584	3634	2.38	cps
Calcium	44-1	58408	59512	59235	59052	0.97	cps
Carbon	12-1	5626045	5672496	5639458	5646000	0.42	cps
Carbon	12-2	36960	36913	37337	37070	0.63	cps
Chlorine	35-1	516431	512236	504631	511099	1.17	cps
Chlorine	35-2	1910	1843	1920	1891	2.20	cps
Chromium	52-2	1417788	1372191	1406284	1398754	1.70	cps
Cobalt	59-2	5810186	5800638	5796492	5802439	0.12	cps
Copper	63-2	1303054	1303282	1298815	1301717	0.19	cps
Dysprosium	156-1	63	73	63	67	8.66	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	117	83	183	128	39.85	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	127	147	127	133	8.66	cps
Gadolinium	160-2	23	23	23	23	0.00	cps
Holmium	165-1	22501466	22008760	22643381	22384536	1.49	cps
Holmium	165-2	7056117	7150249	7064614	7090327	0.73	cps
Indium	115-1	17368770	17081079	17289857	17246569	0.86	cps
Indium	115-2	1486566	1489653	1484913	1487044	0.16	cps
Iron	54-2	482428	483420	482132	482660	0.14	cps
Iron	56-2	8292058	8321182	8387954	8333731	0.59	cps
Iron	57-2	202862	201439	203214	202505	0.46	cps
Krypton	83-1	333	300	293	309	6.94	cps
Lead	206-1	15103930	15617526	15372522	15364659	1.67	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:28:31	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12624880	12726301	12937682	12762955	1.25	cps
Lead	208-1	59263501	60145655	60592632	60000596	1.13	cps
Lithium	6-1	8701992	8495524	8834841	8677452	1.97	cps
Magnesium	24-2	2430	2560	2544	2511	2.82	cps
Manganese	55-2	974182	969586	979222	974330	0.49	cps
Molybdenum	94-1	3033248	3088940	3055716	3059301	0.92	cps
Molybdenum	95-1	5333430	5274245	5394055	5333910	1.12	cps
Molybdenum	96-1	5856213	5822459	5821110	5833261	0.34	cps
Molybdenum	97-1	3349405	3386020	3337768	3357731	0.75	cps
Molybdenum	98-1	8632008	8827560	8734798	8731455	1.12	cps
Neodymium	150-1	220	257	177	218	18.39	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	3833732	3725840	3817296	3792289	1.53	cps
Phosphorus	31-2	83	80	87	83	4.00	cps
Potassium	39-2	13647	14027	13980	13885	1.49	cps
Rhodium	103-1	16098464	16307100	16021805	16142456	0.91	cps
Rhodium	103-2	5949518	5889589	5890902	5910003	0.58	cps
Scandium	45-1	12095409	11710605	11757593	11854535	1.77	cps
Scandium	45-2	209596	210543	211625	210588	0.48	cps
Selenium	82-1	188470	187220	185933	187207	0.68	cps
Selenium	77-2	2857	2970	2614	2814	6.48	cps
Selenium	78-2	9513	9617	9413	9514	1.07	cps
Silicon	28-1	605000	604402	605061	604821	0.06	cps
Silver	107-1	22960994	22483975	22500992	22648654	1.19	cps
Silver	109-1	21522031	21668995	21846421	21679149	0.75	cps
Sodium	23-2	96150	95100	95439	95563	0.56	cps
Strontium	86-1	437088	440469	440750	439436	0.46	cps
Strontium	88-1	3939634	3971775	3956155	3955855	0.41	cps
Sulfur	34-1	712580	704414	698489	705161	1.00	cps
Terbium	159-1	22787977	23026056	22678766	22830933	0.78	cps
Terbium	159-2	6717369	6849671	6829379	6798806	1.05	cps
Thallium	203-1	3476615	3550108	3452046	3492923	1.46	cps
Thallium	205-1	8154620	8261013	8156371	8190668	0.74	cps
Tin	118-1	3777	3614	3827	3739	2.98	cps
Titanium	47-1	1097	1067	1167	1110	4.62	cps
Uranium	238-1	40	63	30	44	38.48	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:28:31	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	242487	239282	245400	242389	1.26	cps
Ytterbium	172-1	150	177	147	158	10.42	cps
Ytterbium	172-2	50	40	57	49	17.16	cps
Ytterbium	176-1	2324	2290	2100	2238	5.38	cps
Ytterbium	176-2	253	293	333	293	13.64	cps
Yttrium	89-1	29873061	29740036	29789855	29800984	0.23	cps
Yttrium	89-2	1922027	1922228	1900480	1914912	0.65	cps
Zinc	66-2	733383	734246	734882	734170	0.10	cps
Zirconium	90-1	1240	1227	1367	1278	6.05	cps
Zirconium	91-1	1233	1240	1263	1246	1.26	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-05	Instrumnet Name :	P8
Client Sample ID :	A6327	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:31:33	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240053	243330	246745	243376	1.37	cps
Antimony	121-1	8122	7746	7385	7751	4.76	cps
Arsenic	75-2	4157	4284	4064	4168	2.65	cps
Barium	135-1	90251	91117	90342	90570	0.53	cps
Barium	137-1	158753	157371	156871	157665	0.62	cps
Beryllium	9-1	1987	2017	1895	1967	3.25	cps
Bismuth	209-1	13942109	13867331	13956201	13921880	0.34	cps
Bismuth	209-2	5158312	5152044	5175560	5161972	0.24	cps
Bromine	81-1	22004	23981	24718	23568	5.96	cps
Cadmium	108-1	103	80	103	96	14.10	cps
Cadmium	106-1	8192	8359	8476	8343	1.71	cps
Cadmium	111-1	6142	6276	6421	6280	2.22	cps
Calcium	43-1	1821612	1808411	1787166	1805730	0.96	cps
Calcium	44-1	29244605	28731189	28904020	28959938	0.90	cps
Carbon	12-1	10929833	11788036	12231823	11649897	5.68	cps
Carbon	12-2	84474	85202	86693	85456	1.32	cps
Chlorine	35-1	1611457	1722230	1805951	1713213	5.69	cps
Chlorine	35-2	7062	7382	7555	7333	3.41	cps
Chromium	52-2	24281	24601	25095	24659	1.66	cps
Cobalt	59-2	14804	15005	15058	14956	0.89	cps
Copper	63-2	18586	19283	19146	19005	1.94	cps
Dysprosium	156-1	11175	10828	11238	11080	1.99	cps
Dysprosium	156-2	3064	3350	3460	3292	6.22	cps
Erbium	164-1	9714	9577	9797	9696	1.15	cps
Erbium	164-2	2984	2997	3157	3046	3.17	cps
Gadolinium	160-1	11118	10734	10945	10932	1.76	cps
Gadolinium	160-2	3947	3934	4064	3982	1.80	cps
Holmium	165-1	21642210	21451808	21900345	21664787	1.04	cps
Holmium	165-2	6955854	6990193	7061437	7002495	0.77	cps
Indium	115-1	16569808	16175606	16660099	16468504	1.56	cps
Indium	115-2	1442136	1463093	1476238	1460489	1.18	cps
Iron	54-2	1131926	1122183	1144983	1133031	1.01	cps
Iron	56-2	21570888	21563512	21750731	21628377	0.49	cps
Iron	57-2	520124	515614	528011	521249	1.20	cps
Krypton	83-1	273	273	287	278	2.77	cps
Lead	206-1	136530	134152	135344	135342	0.88	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-05	Instrumnet Name :	P8
Client Sample ID :	A6327	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:31:33	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	112963	110853	112517	112111	0.99	cps
Lead	208-1	529565	522905	525266	525912	0.64	cps
Lithium	6-1	8369123	8481575	8335955	8395551	0.91	cps
Magnesium	24-2	2709299	2729971	2770511	2736593	1.14	cps
Manganese	55-2	220880	217918	222982	220593	1.15	cps
Molybdenum	94-1	5841	5595	5878	5771	2.67	cps
Molybdenum	95-1	2077	1903	2000	1993	4.36	cps
Molybdenum	96-1	2960	2897	2987	2948	1.57	cps
Molybdenum	97-1	1260	1273	1213	1249	2.52	cps
Molybdenum	98-1	3334	3090	3030	3152	5.10	cps
Neodymium	150-1	17708	17505	17104	17439	1.76	cps
Neodymium	150-2	3997	4014	3937	3983	1.01	cps
Nickel	60-2	14244	14531	14748	14508	1.74	cps
Phosphorus	31-2	1040	947	1087	1024	6.96	cps
Potassium	39-2	133450	134809	136929	135063	1.30	cps
Rhodium	103-1	15530186	15328885	15392006	15417026	0.67	cps
Rhodium	103-2	5721527	5726515	5882710	5776917	1.59	cps
Scandium	45-1	11741411	11467285	11649792	11619496	1.20	cps
Scandium	45-2	206688	208794	213900	209794	1.77	cps
Selenium	82-1	117	163	183	154	22.15	cps
Selenium	77-2	17	13	33	21	50.75	cps
Selenium	78-2	37	27	37	33	17.32	cps
Silicon	28-1	99405529	98144652	97133165	98227782	1.16	cps
Silver	107-1	3394	3250	3030	3225	5.68	cps
Silver	109-1	3350	2937	3004	3097	7.17	cps
Sodium	23-2	2704139	2746120	2707012	2719090	0.86	cps
Strontium	86-1	630453	623697	625300	626483	0.56	cps
Strontium	88-1	5635766	5649266	5530750	5605261	1.16	cps
Sulfur	34-1	1053076	1035172	1067068	1051772	1.52	cps
Terbium	159-1	22623262	22158546	22411167	22397658	1.04	cps
Terbium	159-2	6625068	6790546	6796641	6737418	1.44	cps
Thallium	203-1	2234	2284	2244	2254	1.17	cps
Thallium	205-1	5498	5515	5198	5403	3.30	cps
Tin	118-1	4084	3701	3791	3858	5.20	cps
Titanium	47-1	387924	378321	385718	383988	1.31	cps
Uranium	238-1	40615	39789	41136	40513	1.68	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-05	Instrumnet Name :	P8
Client Sample ID :	A6327	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:31:33	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20401	20375	20702	20493	0.89	cps
Ytterbium	172-1	3344	3220	3270	3278	1.89	cps
Ytterbium	172-2	1230	1297	1237	1255	2.93	cps
Ytterbium	176-1	4101	4144	3971	4072	2.22	cps
Ytterbium	176-2	977	1013	990	993	1.87	cps
Yttrium	89-1	29289125	29089575	29638429	29339043	0.95	cps
Yttrium	89-2	1883087	1886795	1965224	1911702	2.43	cps
Zinc	66-2	12939	12372	12889	12734	2.47	cps
Zirconium	90-1	12162	14959	12462	13194	11.64	cps
Zirconium	91-1	2934	2450	2644	2676	9.09	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-06	Instrumnet Name :	P8
Client Sample ID :	A6328	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:34:51	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1413	1280	1277	1323	5.89	cps
Antimony	121-1	3244	3234	3164	3214	1.36	cps
Arsenic	75-2	410	493	493	466	10.33	cps
Barium	135-1	28530	28560	28700	28597	0.32	cps
Barium	137-1	51237	49905	50373	50505	1.34	cps
Beryllium	9-1	711	670	674	685	3.33	cps
Bismuth	209-1	13719906	13819076	13579204	13706062	0.88	cps
Bismuth	209-2	5103653	5126281	5049308	5093081	0.78	cps
Bromine	81-1	32895	39930	44487	39104	14.93	cps
Cadmium	108-1	60	33	70	54	34.82	cps
Cadmium	106-1	8746	8499	8303	8516	2.61	cps
Cadmium	111-1	6160	6016	5863	6013	2.47	cps
Calcium	43-1	3218390	3336073	3366650	3307038	2.37	cps
Calcium	44-1	53018966	54181543	53377364	53525958	1.11	cps
Carbon	12-1	8154733	9026664	9397726	8859708	7.20	cps
Carbon	12-2	64343	66011	66955	65770	2.01	cps
Chlorine	35-1	7237218	8261684	8774008	8090970	9.67	cps
Chlorine	35-2	35233	35905	36282	35807	1.48	cps
Chromium	52-2	3477	3300	3374	3384	2.62	cps
Cobalt	59-2	993	893	923	937	5.48	cps
Copper	63-2	5314	4898	5201	5138	4.19	cps
Dysprosium	156-1	123	133	133	130	4.44	cps
Dysprosium	156-2	23	43	20	29	43.68	cps
Erbium	164-1	183	197	177	186	5.49	cps
Erbium	164-2	43	57	47	49	14.20	cps
Gadolinium	160-1	190	160	227	192	17.37	cps
Gadolinium	160-2	43	73	63	60	25.46	cps
Holmium	165-1	22214312	22135651	22154164	22168042	0.19	cps
Holmium	165-2	6995383	7034026	6948890	6992766	0.61	cps
Indium	115-1	16792483	16779655	16673028	16748388	0.39	cps
Indium	115-2	1429667	1473942	1441722	1448444	1.58	cps
Iron	54-2	19887	19367	19884	19713	1.52	cps
Iron	56-2	359746	361392	359978	360372	0.25	cps
Iron	57-2	8830	8893	9143	8955	1.85	cps
Krypton	83-1	363	290	300	318	12.51	cps
Lead	206-1	3874	3751	3707	3777	2.29	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-06	Instrumnet Name :	P8
Client Sample ID :	A6328	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:34:51	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3384	3224	3204	3270	3.02	cps
Lead	208-1	15497	14977	14927	15134	2.09	cps
Lithium	6-1	8455209	8363531	8288305	8369015	1.00	cps
Magnesium	24-2	4789075	4859335	4816488	4821632	0.73	cps
Manganese	55-2	97684	97852	99356	98297	0.94	cps
Molybdenum	94-1	1507	1523	1480	1503	1.45	cps
Molybdenum	95-1	1720	1630	1667	1672	2.71	cps
Molybdenum	96-1	1913	1850	1977	1913	3.31	cps
Molybdenum	97-1	1043	947	1013	1001	4.94	cps
Molybdenum	98-1	2620	2570	2607	2599	1.00	cps
Neodymium	150-1	123	160	190	158	21.16	cps
Neodymium	150-2	20	30	30	27	21.65	cps
Nickel	60-2	2014	2010	2177	2067	4.61	cps
Phosphorus	31-2	337	320	293	317	6.90	cps
Potassium	39-2	549824	555389	554320	553178	0.53	cps
Rhodium	103-1	15460219	15384794	15213957	15352990	0.82	cps
Rhodium	103-2	5605606	5734216	5728686	5689503	1.28	cps
Scandium	45-1	11637961	11901294	11648558	11729271	1.27	cps
Scandium	45-2	206389	211236	207347	208324	1.23	cps
Selenium	82-1	-13	103	10	33	185.19	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	17	13	13	14	13.35	cps
Silicon	28-1	101219305	101176678	100130822	100842268	0.61	cps
Silver	107-1	957	1003	997	986	2.56	cps
Silver	109-1	790	793	810	798	1.34	cps
Sodium	23-2	30601425	30469846	30284543	30451938	0.52	cps
Strontium	86-1	1573569	1580525	1594888	1582994	0.69	cps
Strontium	88-1	13504237	13773341	13413156	13563578	1.38	cps
Sulfur	34-1	1678011	1701210	1682552	1687258	0.73	cps
Terbium	159-1	22368972	22357041	22316045	22347353	0.12	cps
Terbium	159-2	6671218	6874653	6690106	6745326	1.67	cps
Thallium	203-1	990	907	913	937	4.94	cps
Thallium	205-1	2314	2247	2207	2256	2.39	cps
Tin	118-1	7332	7272	7275	7293	0.46	cps
Titanium	47-1	3307	3464	3490	3420	2.90	cps
Uranium	238-1	22857	23408	23589	23285	1.64	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-06	Instrumnet Name :	P8
Client Sample ID :	A6328	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:34:51	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	780	780	737	766	3.27	cps
Ytterbium	172-1	163	110	153	142	19.94	cps
Ytterbium	172-2	77	83	73	78	6.55	cps
Ytterbium	176-1	2027	2340	2014	2127	8.69	cps
Ytterbium	176-2	237	260	317	271	15.18	cps
Yttrium	89-1	29157352	29631833	29221215	29336800	0.88	cps
Yttrium	89-2	1901632	1944295	1910821	1918916	1.17	cps
Zinc	66-2	1060	1110	1103	1091	2.49	cps
Zirconium	90-1	1460	1527	1573	1520	3.75	cps
Zirconium	91-1	323	333	357	338	5.06	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-07	Instrumnet Name :	P8
Client Sample ID :	A6329	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:38:06	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1097	1297	1181	8.77	cps
Antimony	121-1	2374	2544	2407	2441	3.69	cps
Arsenic	75-2	393	423	443	420	5.99	cps
Barium	135-1	26546	26105	26870	26507	1.45	cps
Barium	137-1	45205	45710	46329	45748	1.23	cps
Beryllium	9-1	646	597	631	625	4.00	cps
Bismuth	209-1	13810710	13977152	13639109	13808990	1.22	cps
Bismuth	209-2	5038408	5031174	5007934	5025839	0.32	cps
Bromine	81-1	33767	38753	40923	37815	9.70	cps
Cadmium	108-1	47	30	43	40	22.05	cps
Cadmium	106-1	8426	8586	7962	8325	3.89	cps
Cadmium	111-1	5929	6026	5600	5852	3.81	cps
Calcium	43-1	3075075	3122525	3064696	3087432	1.00	cps
Calcium	44-1	49410688	50131623	49123874	49555395	1.05	cps
Carbon	12-1	7706907	8341767	8536277	8194984	5.29	cps
Carbon	12-2	58958	59208	58783	58983	0.36	cps
Chlorine	35-1	7331995	8326323	8537617	8065312	7.98	cps
Chlorine	35-2	33916	33763	35146	34275	2.21	cps
Chromium	52-2	2330	2244	2257	2277	2.05	cps
Cobalt	59-2	883	873	877	878	0.58	cps
Copper	63-2	4928	4878	4811	4872	1.20	cps
Dysprosium	156-1	140	117	103	120	15.47	cps
Dysprosium	156-2	37	27	10	24	55.11	cps
Erbium	164-1	163	173	173	170	3.40	cps
Erbium	164-2	67	60	90	72	21.81	cps
Gadolinium	160-1	147	173	227	182	22.35	cps
Gadolinium	160-2	53	70	53	59	16.34	cps
Holmium	165-1	22117395	22146561	21607424	21957126	1.38	cps
Holmium	165-2	7030571	6926447	6764783	6907267	1.94	cps
Indium	115-1	16913108	16495407	16691460	16699992	1.25	cps
Indium	115-2	1439533	1438287	1417113	1431644	0.88	cps
Iron	54-2	14694	15011	15222	14976	1.77	cps
Iron	56-2	270371	265349	268415	268045	0.94	cps
Iron	57-2	6778	7162	6812	6917	3.07	cps
Krypton	83-1	260	307	240	269	12.72	cps
Lead	206-1	3317	3224	3134	3225	2.84	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-07	Instrumnet Name :	P8
Client Sample ID :	A6329	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:38:06	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2800	2827	2790	2806	0.68	cps
Lead	208-1	12723	12699	12559	12660	0.70	cps
Lithium	6-1	8411336	8320847	8413277	8381820	0.63	cps
Magnesium	24-2	4398075	4363232	4353037	4371448	0.54	cps
Manganese	55-2	81658	80958	81950	81522	0.63	cps
Molybdenum	94-1	1250	1387	1270	1302	5.67	cps
Molybdenum	95-1	1463	1243	1287	1331	8.76	cps
Molybdenum	96-1	1570	1440	1410	1473	5.77	cps
Molybdenum	97-1	827	850	793	823	3.46	cps
Molybdenum	98-1	2207	2280	2200	2229	1.99	cps
Neodymium	150-1	147	133	133	138	5.59	cps
Neodymium	150-2	33	23	17	24	34.31	cps
Nickel	60-2	1820	1833	1820	1825	0.42	cps
Phosphorus	31-2	230	253	293	259	12.37	cps
Potassium	39-2	496993	493239	495022	495085	0.38	cps
Rhodium	103-1	15579474	15122022	15177896	15293130	1.63	cps
Rhodium	103-2	5704864	5622864	5512403	5613377	1.72	cps
Scandium	45-1	11819809	11793606	11479776	11697730	1.62	cps
Scandium	45-2	209448	207474	202800	206574	1.65	cps
Selenium	82-1	53	17	67	46	56.83	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	7	10	7	8	24.71	cps
Silicon	28-1	92762092	94027385	90580955	92456811	1.89	cps
Silver	107-1	477	453	497	476	4.56	cps
Silver	109-1	357	347	447	383	14.37	cps
Sodium	23-2	28056950	27210560	27523030	27596847	1.55	cps
Strontium	86-1	1370163	1401424	1411191	1394259	1.54	cps
Strontium	88-1	12507451	12514844	12534852	12519049	0.11	cps
Sulfur	34-1	1643467	1614167	1641978	1633204	1.01	cps
Terbium	159-1	22706309	22483442	22005798	22398516	1.60	cps
Terbium	159-2	6796896	6632969	6613115	6680994	1.51	cps
Thallium	203-1	943	843	730	839	12.72	cps
Thallium	205-1	1997	1897	1917	1937	2.73	cps
Tin	118-1	5324	4984	4704	5004	6.21	cps
Titanium	47-1	3250	3160	2830	3080	7.18	cps
Uranium	238-1	21047	21662	21238	21316	1.48	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-07	Instrumnet Name :	P8
Client Sample ID :	A6329	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:38:06	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	700	770	630	700	10.00	cps
Ytterbium	172-1	193	160	150	168	13.53	cps
Ytterbium	172-2	70	77	60	69	12.18	cps
Ytterbium	176-1	2094	2250	2097	2147	4.17	cps
Ytterbium	176-2	313	320	300	311	3.27	cps
Yttrium	89-1	29307084	29261824	28733235	29100714	1.10	cps
Yttrium	89-2	1878184	1835704	1860995	1858294	1.15	cps
Zinc	66-2	790	877	710	792	10.52	cps
Zirconium	90-1	1463	1667	1540	1557	6.60	cps
Zirconium	91-1	257	307	323	296	11.74	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-08	Instrumnet Name :	P8
Client Sample ID :	A6330	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:41:25	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10764	10417	10994	10725	2.71	cps
Antimony	121-1	4908	5248	4994	5050	3.50	cps
Arsenic	75-2	2050	2087	2017	2051	1.71	cps
Barium	135-1	37987	37211	37164	37454	1.23	cps
Barium	137-1	65474	64764	64590	64943	0.72	cps
Beryllium	9-1	574	664	642	627	7.51	cps
Bismuth	209-1	14190619	14127821	13980357	14099599	0.77	cps
Bismuth	209-2	5109507	5049624	5100933	5086688	0.64	cps
Bromine	81-1	33691	36898	38840	36476	7.13	cps
Cadmium	108-1	47	67	20	44	52.68	cps
Cadmium	106-1	8149	8196	8249	8198	0.61	cps
Cadmium	111-1	5802	5854	5920	5859	1.02	cps
Calcium	43-1	2376951	2394747	2392400	2388032	0.40	cps
Calcium	44-1	38002236	38274614	38855992	38377614	1.14	cps
Carbon	12-1	10145749	10722009	11219845	10695868	5.03	cps
Carbon	12-2	73533	76179	74065	74592	1.88	cps
Chlorine	35-1	3873338	4136742	4282419	4097500	5.06	cps
Chlorine	35-2	16790	16566	16723	16693	0.69	cps
Chromium	52-2	5358	5244	5418	5340	1.65	cps
Cobalt	59-2	2937	2937	2974	2949	0.72	cps
Copper	63-2	9443	9450	9510	9468	0.39	cps
Dysprosium	156-1	863	863	853	860	0.67	cps
Dysprosium	156-2	237	203	243	228	9.41	cps
Erbium	164-1	830	767	790	796	4.03	cps
Erbium	164-2	227	227	197	217	7.99	cps
Gadolinium	160-1	863	933	790	862	8.31	cps
Gadolinium	160-2	310	287	283	293	4.95	cps
Holmium	165-1	22146211	21706564	21874926	21909234	1.01	cps
Holmium	165-2	6978241	6896357	6898702	6924433	0.67	cps
Indium	115-1	16861363	16377343	16426408	16555038	1.61	cps
Indium	115-2	1432669	1431918	1429229	1431272	0.13	cps
Iron	54-2	568281	569926	570949	569719	0.24	cps
Iron	56-2	10845182	10881173	10691325	10805893	0.93	cps
Iron	57-2	262907	263190	261508	262535	0.34	cps
Krypton	83-1	250	313	293	286	11.34	cps
Lead	206-1	10364	10174	10327	10289	0.98	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-08	Instrumnet Name :	P8
Client Sample ID :	A6330	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:41:25	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9040	8550	8359	8650	4.06	cps
Lead	208-1	40852	39761	39577	40063	1.72	cps
Lithium	6-1	8377615	8318364	8211567	8302515	1.01	cps
Magnesium	24-2	4479410	4388339	4405480	4424410	1.09	cps
Manganese	55-2	740632	744881	743170	742895	0.29	cps
Molybdenum	94-1	2074	2124	2124	2107	1.37	cps
Molybdenum	95-1	2200	2194	1957	2117	6.55	cps
Molybdenum	96-1	2490	2417	2444	2450	1.52	cps
Molybdenum	97-1	1270	1287	1277	1278	0.66	cps
Molybdenum	98-1	3490	3440	3490	3474	0.83	cps
Neodymium	150-1	1183	1180	1157	1173	1.24	cps
Neodymium	150-2	307	223	287	272	15.98	cps
Nickel	60-2	2900	2974	2974	2949	1.44	cps
Phosphorus	31-2	657	670	650	659	1.55	cps
Potassium	39-2	365300	369548	368754	367868	0.61	cps
Rhodium	103-1	15277321	15237523	15365138	15293327	0.43	cps
Rhodium	103-2	5698791	5706177	5667426	5690798	0.36	cps
Scandium	45-1	11582903	11534820	11510877	11542866	0.32	cps
Scandium	45-2	203341	204987	199976	202768	1.26	cps
Selenium	82-1	73	63	-20	39	131.76	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	10	17	7	11	45.82	cps
Silicon	28-1	95919345	94955562	95160859	95345255	0.53	cps
Silver	107-1	947	1047	1057	1017	5.98	cps
Silver	109-1	913	847	910	890	4.22	cps
Sodium	23-2	9319554	9436491	9256499	9337515	0.98	cps
Strontium	86-1	956820	961691	962459	960323	0.32	cps
Strontium	88-1	8684647	8710029	8593082	8662586	0.71	cps
Sulfur	34-1	1477696	1515819	1497823	1497113	1.27	cps
Terbium	159-1	22768395	22460560	22294049	22507668	1.07	cps
Terbium	159-2	6567202	6726001	6541033	6611412	1.51	cps
Thallium	203-1	747	743	783	758	2.93	cps
Thallium	205-1	1890	1893	1980	1921	2.66	cps
Tin	118-1	7165	7459	7069	7231	2.81	cps
Titanium	47-1	20007	19640	19827	19825	0.93	cps
Uranium	238-1	15389	15446	15463	15433	0.25	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-08	Instrumnet Name :	P8
Client Sample ID :	A6330	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:41:25	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1460	1483	1440	1461	1.48	cps
Ytterbium	172-1	303	317	310	310	2.15	cps
Ytterbium	172-2	113	127	140	127	10.53	cps
Ytterbium	176-1	2250	2244	2300	2265	1.37	cps
Ytterbium	176-2	373	357	330	353	6.19	cps
Yttrium	89-1	29267070	28877291	29483660	29209340	1.05	cps
Yttrium	89-2	1857543	1871414	1841329	1856762	0.81	cps
Zinc	66-2	3127	3130	3004	3087	2.34	cps
Zirconium	90-1	2574	2774	2640	2663	3.83	cps
Zirconium	91-1	567	507	550	541	5.72	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09	Instrumnet Name :	P8
Client Sample ID :	A6335	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:44:40	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98873	99951	99675	99499	0.56	cps
Antimony	121-1	1623	1703	1653	1660	2.43	cps
Arsenic	75-2	730	807	957	831	13.87	cps
Barium	135-1	87709	88684	87829	88074	0.60	cps
Barium	137-1	152651	154140	152574	153122	0.58	cps
Beryllium	9-1	914	926	925	922	0.75	cps
Bismuth	209-1	13971426	13982292	14012098	13988605	0.15	cps
Bismuth	209-2	5231245	4448486	5125217	4934982	8.60	cps
Bromine	81-1	30089	33430	35912	33144	8.82	cps
Cadmium	108-1	63	40	43	49	25.81	cps
Cadmium	106-1	8119	8099	8086	8101	0.21	cps
Cadmium	111-1	5869	5891	5890	5883	0.21	cps
Calcium	43-1	642116	637294	650646	643352	1.05	cps
Calcium	44-1	10913789	10825286	10749928	10829667	0.76	cps
Carbon	12-1	9634507	10246861	10482923	10121430	4.33	cps
Carbon	12-2	71493	71757	72628	71959	0.83	cps
Chlorine	35-1	4323015	4678110	4904043	4635056	6.32	cps
Chlorine	35-2	18605	18986	19246	18946	1.70	cps
Chromium	52-2	11064	11318	10864	11082	2.05	cps
Cobalt	59-2	5901	5614	5761	5759	2.49	cps
Copper	63-2	12976	12939	12916	12944	0.23	cps
Dysprosium	156-1	2820	2707	2857	2795	2.80	cps
Dysprosium	156-2	720	823	837	793	8.05	cps
Erbium	164-1	2194	2194	2217	2201	0.61	cps
Erbium	164-2	613	597	633	614	2.99	cps
Gadolinium	160-1	2554	2554	2327	2478	5.28	cps
Gadolinium	160-2	973	943	903	940	3.74	cps
Holmium	165-1	21743921	21669190	21792921	21735344	0.29	cps
Holmium	165-2	7084989	5993926	6988382	6689099	9.03	cps
Indium	115-1	16680631	16391018	16560863	16544171	0.88	cps
Indium	115-2	1464676	1216357	1441183	1374072	9.98	cps
Iron	54-2	331176	331348	330685	331070	0.10	cps
Iron	56-2	6200554	6303572	6253847	6252658	0.82	cps
Iron	57-2	153604	152779	154045	153476	0.42	cps
Krypton	83-1	300	263	240	268	11.30	cps
Lead	206-1	77751	78540	79341	78544	1.01	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09	Instrumnet Name :	P8
Client Sample ID :	A6335	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:44:40	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	65514	66600	67639	66584	1.60	cps
Lead	208-1	307786	309880	313067	310244	0.86	cps
Lithium	6-1	8395655	8351605	8223221	8323494	1.08	cps
Magnesium	24-2	687592	689512	690683	689263	0.23	cps
Manganese	55-2	621806	629846	622310	624654	0.72	cps
Molybdenum	94-1	2167	2137	2287	2197	3.61	cps
Molybdenum	95-1	1603	1873	1710	1729	7.87	cps
Molybdenum	96-1	2104	2080	2174	2119	2.29	cps
Molybdenum	97-1	1030	1147	1137	1105	5.86	cps
Molybdenum	98-1	3067	2914	3067	3016	2.94	cps
Neodymium	150-1	4254	4324	4317	4299	0.90	cps
Neodymium	150-2	947	953	1060	987	6.45	cps
Nickel	60-2	4874	5108	4974	4985	2.35	cps
Phosphorus	31-2	483	577	560	540	9.22	cps
Potassium	39-2	346810	351022	349818	349217	0.62	cps
Rhodium	103-1	15727039	15452103	15292719	15490620	1.42	cps
Rhodium	103-2	5903171	4914980	5721054	5513069	9.54	cps
Scandium	45-1	11470892	11382754	11363920	11405855	0.50	cps
Scandium	45-2	206718	174917	203477	195038	8.97	cps
Selenium	82-1	-57	70	100	38	220.12	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	10	7	27	14	74.18	cps
Silicon	28-1	59746277	59448309	59868357	59687648	0.36	cps
Silver	107-1	490	523	533	516	4.40	cps
Silver	109-1	330	313	310	318	3.37	cps
Sodium	23-2	15006197	14914439	15015480	14978705	0.37	cps
Strontium	86-1	329753	332269	331952	331324	0.41	cps
Strontium	88-1	3025085	3018176	3051618	3031626	0.58	cps
Sulfur	34-1	1069749	1067948	1056594	1064764	0.67	cps
Terbium	159-1	22594123	22481448	22472817	22516129	0.30	cps
Terbium	159-2	6889964	5721800	6550121	6387295	9.41	cps
Thallium	203-1	1060	1177	1100	1112	5.33	cps
Thallium	205-1	2647	2537	2664	2616	2.63	cps
Tin	118-1	8383	8069	8503	8318	2.69	cps
Titanium	47-1	134994	136314	136654	135987	0.64	cps
Uranium	238-1	9510	9610	9157	9426	2.53	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09	Instrumnet Name :	P8
Client Sample ID :	A6335	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:44:40	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7839	7766	7599	7734	1.59	cps
Ytterbium	172-1	677	703	660	680	3.21	cps
Ytterbium	172-2	263	303	237	268	12.53	cps
Ytterbium	176-1	2637	2344	2427	2469	6.12	cps
Ytterbium	176-2	410	497	463	457	9.57	cps
Yttrium	89-1	29311644	28723496	28876356	28970499	1.05	cps
Yttrium	89-2	1906339	1589162	1872708	1789403	9.74	cps
Zinc	66-2	7756	7872	7552	7727	2.10	cps
Zirconium	90-1	3127	3307	3427	3287	4.60	cps
Zirconium	91-1	667	650	743	687	7.25	cps

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On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-10	Instrumnet Name :	P8
Client Sample ID :	A6335D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:47:57	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102760	100746	100527	101344	1.21	cps
Antimony	121-1	1610	1603	1717	1643	3.87	cps
Arsenic	75-2	680	790	827	766	9.97	cps
Barium	135-1	88392	90712	89316	89473	1.31	cps
Barium	137-1	156065	156494	163371	158643	2.58	cps
Beryllium	9-1	946	812	895	885	7.63	cps
Bismuth	209-1	14053982	13922193	13941679	13972618	0.51	cps
Bismuth	209-2	5168129	5281095	5194443	5214556	1.13	cps
Bromine	81-1	28619	32902	35525	32349	10.78	cps
Cadmium	108-1	67	57	67	63	9.12	cps
Cadmium	106-1	8263	8159	8109	8177	0.96	cps
Cadmium	111-1	5974	5942	5900	5938	0.63	cps
Calcium	43-1	644037	643291	652353	646561	0.78	cps
Calcium	44-1	10889995	10782523	10782480	10818333	0.57	cps
Carbon	12-1	9237527	9911000	10155157	9767894	4.87	cps
Carbon	12-2	67434	68488	68190	68037	0.80	cps
Chlorine	35-1	4458833	4717040	4911063	4695645	4.83	cps
Chlorine	35-2	19310	19356	19313	19326	0.13	cps
Chromium	52-2	11061	10711	11131	10968	2.05	cps
Cobalt	59-2	6305	5935	5841	6027	4.07	cps
Copper	63-2	12109	12649	12716	12491	2.67	cps
Dysprosium	156-1	3024	2950	2930	2968	1.66	cps
Dysprosium	156-2	787	657	770	738	9.59	cps
Erbium	164-1	2180	2127	2254	2187	2.91	cps
Erbium	164-2	653	653	730	679	6.52	cps
Gadolinium	160-1	2544	2387	2500	2477	3.27	cps
Gadolinium	160-2	1053	1020	930	1001	6.37	cps
Holmium	165-1	22232716	22013516	22105769	22117334	0.50	cps
Holmium	165-2	6953785	7166652	7036796	7052411	1.52	cps
Indium	115-1	16949873	16753696	16547658	16750409	1.20	cps
Indium	115-2	1420735	1535068	1444405	1466736	4.11	cps
Iron	54-2	337737	336914	338658	337770	0.26	cps
Iron	56-2	6418603	6314055	6382229	6371629	0.83	cps
Iron	57-2	155963	155902	155696	155854	0.09	cps
Krypton	83-1	303	283	223	270	15.42	cps
Lead	206-1	80079	79773	79968	79940	0.19	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-10	Instrumnet Name :	P8
Client Sample ID :	A6335D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:47:57	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	66091	67471	66962	66841	1.04	cps
Lead	208-1	308624	312494	311344	310821	0.64	cps
Lithium	6-1	8250494	8327639	8343759	8307298	0.60	cps
Magnesium	24-2	694417	697487	694610	695505	0.25	cps
Manganese	55-2	629913	628128	629122	629054	0.14	cps
Molybdenum	94-1	2440	2264	2260	2321	4.44	cps
Molybdenum	95-1	1673	1730	1603	1669	3.80	cps
Molybdenum	96-1	2240	2080	2214	2178	3.94	cps
Molybdenum	97-1	1130	1030	1080	1080	4.63	cps
Molybdenum	98-1	2850	2754	2824	2809	1.78	cps
Neodymium	150-1	4144	4261	4211	4205	1.39	cps
Neodymium	150-2	847	937	897	893	5.05	cps
Nickel	60-2	4674	5128	4988	4930	4.71	cps
Phosphorus	31-2	513	517	540	523	2.78	cps
Potassium	39-2	346973	351928	352969	350623	0.91	cps
Rhodium	103-1	15331684	15580603	15469794	15460694	0.81	cps
Rhodium	103-2	5645302	5920254	5731731	5765762	2.44	cps
Scandium	45-1	11535129	11248021	11600461	11461203	1.64	cps
Scandium	45-2	203037	209277	208254	206856	1.62	cps
Selenium	82-1	60	23	107	63	65.95	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	10	0	13	8	89.21	cps
Silicon	28-1	66463264	62159671	60876437	63166457	4.63	cps
Silver	107-1	473	477	430	460	5.66	cps
Silver	109-1	350	360	343	351	2.39	cps
Sodium	23-2	15017374	15237524	14877516	15044138	1.21	cps
Strontium	86-1	333529	337684	337019	336077	0.66	cps
Strontium	88-1	2979911	3042590	3066771	3029757	1.48	cps
Sulfur	34-1	1048737	1044794	1053108	1048880	0.40	cps
Terbium	159-1	22857697	22513579	22866473	22745916	0.88	cps
Terbium	159-2	6637696	7014419	6706438	6786184	2.96	cps
Thallium	203-1	1050	1057	1123	1077	3.77	cps
Thallium	205-1	2514	2517	2520	2517	0.13	cps
Tin	118-1	7322	7552	7322	7399	1.80	cps
Titanium	47-1	139336	139689	139975	139667	0.23	cps
Uranium	238-1	9801	9751	9801	9784	0.30	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-10	Instrumnet Name :	P8
Client Sample ID :	A6335D	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:47:57	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7832	7969	7909	7903	0.87	cps
Ytterbium	172-1	720	760	807	762	5.69	cps
Ytterbium	172-2	240	223	267	243	8.98	cps
Ytterbium	176-1	2317	2460	2597	2458	5.70	cps
Ytterbium	176-2	410	443	473	442	7.16	cps
Yttrium	89-1	28862670	29036105	28859348	28919374	0.35	cps
Yttrium	89-2	1837737	1909412	1889124	1878758	1.97	cps
Zinc	66-2	7469	7008	7432	7303	3.50	cps
Zirconium	90-1	4323	3427	5058	4269	19.13	cps
Zirconium	91-1	790	780	660	743	9.73	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09LX5	Instrumnet Name :	P8
Client Sample ID :	A6335L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:51:12	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21015	20254	20571	20614	1.85	cps
Antimony	121-1	403	583	470	486	18.74	cps
Arsenic	75-2	143	160	200	168	17.36	cps
Barium	135-1	18369	18326	18459	18385	0.37	cps
Barium	137-1	30996	31941	31339	31425	1.52	cps
Beryllium	9-1	529	514	534	525	1.98	cps
Bismuth	209-1	14466686	14440067	14367301	14424685	0.36	cps
Bismuth	209-2	5371964	5235896	5165645	5257835	2.00	cps
Bromine	81-1	14100	14267	14191	14186	0.59	cps
Cadmium	108-1	40	40	33	38	10.19	cps
Cadmium	106-1	8243	8283	8266	8264	0.24	cps
Cadmium	111-1	5825	5843	5853	5840	0.24	cps
Calcium	43-1	132775	132137	132698	132537	0.26	cps
Calcium	44-1	2237735	2208752	2287085	2244524	1.76	cps
Carbon	12-1	5477202	5478053	5459395	5471550	0.19	cps
Carbon	12-2	35653	36265	36021	35980	0.86	cps
Chlorine	35-1	1574266	1563057	1546884	1561402	0.88	cps
Chlorine	35-2	5801	5661	5554	5672	2.18	cps
Chromium	52-2	7555	7625	7752	7644	1.30	cps
Cobalt	59-2	1407	1480	1413	1433	2.83	cps
Copper	63-2	18075	17948	16994	17672	3.34	cps
Dysprosium	156-1	610	640	577	609	5.20	cps
Dysprosium	156-2	167	197	127	163	21.50	cps
Erbium	164-1	510	520	477	502	4.52	cps
Erbium	164-2	130	133	187	150	21.20	cps
Gadolinium	160-1	637	620	610	622	2.17	cps
Gadolinium	160-2	217	197	217	210	5.50	cps
Holmium	165-1	22283039	22226159	22194000	22234399	0.20	cps
Holmium	165-2	7083197	7065076	6882133	7010136	1.59	cps
Indium	115-1	17096447	16972068	16911566	16993360	0.55	cps
Indium	115-2	1495253	1480145	1453331	1476243	1.44	cps
Iron	54-2	72402	72586	73022	72670	0.44	cps
Iron	56-2	1333535	1328635	1328721	1330297	0.21	cps
Iron	57-2	33386	33058	33359	33268	0.55	cps
Krypton	83-1	277	273	243	264	6.94	cps
Lead	206-1	17148	17178	17332	17219	0.57	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09LX5	Instrumnet Name :	P8
Client Sample ID :	A6335L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:51:12	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14158	14752	14802	14571	2.46	cps
Lead	208-1	66915	68060	67615	67530	0.86	cps
Lithium	6-1	8601653	8543059	8395352	8513355	1.25	cps
Magnesium	24-2	142114	143074	142734	142640	0.34	cps
Manganese	55-2	132353	130214	129474	130680	1.14	cps
Molybdenum	94-1	837	750	660	749	11.80	cps
Molybdenum	95-1	463	447	503	471	6.18	cps
Molybdenum	96-1	620	657	653	643	3.15	cps
Molybdenum	97-1	353	270	327	317	13.44	cps
Molybdenum	98-1	690	740	843	758	10.32	cps
Neodymium	150-1	843	913	873	877	4.01	cps
Neodymium	150-2	200	177	190	189	6.20	cps
Nickel	60-2	2874	2824	2794	2830	1.43	cps
Phosphorus	31-2	203	160	223	196	16.56	cps
Potassium	39-2	82450	82058	82406	82305	0.26	cps
Rhodium	103-1	15944260	15724989	15793879	15821043	0.71	cps
Rhodium	103-2	6051262	5835278	5704899	5863813	2.98	cps
Scandium	45-1	11813297	11547830	11625414	11662180	1.17	cps
Scandium	45-2	211662	208447	202155	207421	2.33	cps
Selenium	82-1	103	3	0	36	165.16	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	10	0	3	4	114.60	cps
Silicon	28-1	12350210	12343903	12762285	12485466	1.92	cps
Silver	107-1	203	303	273	260	19.74	cps
Silver	109-1	133	120	140	131	7.77	cps
Sodium	23-2	3153612	3130775	3165006	3149798	0.55	cps
Strontium	86-1	68088	68118	69277	68494	0.99	cps
Strontium	88-1	583585	589319	592437	588447	0.76	cps
Sulfur	34-1	818637	818757	814840	817411	0.27	cps
Terbium	159-1	23101960	22742374	22222988	22689107	1.95	cps
Terbium	159-2	6848576	6883066	6603425	6778356	2.25	cps
Thallium	203-1	643	647	643	644	0.30	cps
Thallium	205-1	1507	1600	1423	1510	5.85	cps
Tin	118-1	3200	3290	3517	3336	4.89	cps
Titanium	47-1	28435	27643	27503	27860	1.80	cps
Uranium	238-1	1987	2000	2017	2001	0.75	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-09LX5	Instrumnet Name :	P8
Client Sample ID :	A6335L	Dilution Factor :	5
Date & Time Acquired :	2025-02-10 17:51:12	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1697	1737	1617	1683	3.63	cps
Ytterbium	172-1	213	240	303	252	18.33	cps
Ytterbium	172-2	120	63	97	93	30.52	cps
Ytterbium	176-1	2177	2284	2117	2192	3.85	cps
Ytterbium	176-2	363	377	313	351	9.51	cps
Yttrium	89-1	29585733	29388829	29542592	29505718	0.35	cps
Yttrium	89-2	1915380	1894666	1876122	1895389	1.04	cps
Zinc	66-2	1910	1984	1973	1956	2.03	cps
Zirconium	90-1	1267	1433	1330	1343	6.26	cps
Zirconium	91-1	297	303	337	312	6.87	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-11	Instrumnet Name :	P8
Client Sample ID :	A6335S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:54:32	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236383	236956	235705	236348	0.26	cps
Antimony	121-1	1969594	1925533	1954726	1949951	1.15	cps
Arsenic	75-2	14554	13934	13997	14162	2.41	cps
Barium	135-1	9172793	9230589	9124175	9175852	0.58	cps
Barium	137-1	15890318	15911669	15747897	15849961	0.56	cps
Beryllium	9-1	301608	304039	306272	303973	0.77	cps
Bismuth	209-1	14096804	14101202	14108296	14102101	0.04	cps
Bismuth	209-2	5107437	5080315	5124527	5104093	0.44	cps
Bromine	81-1	28759	33139	36200	32700	11.44	cps
Cadmium	108-1	15292	15806	15435	15511	1.71	cps
Cadmium	106-1	29351	28743	28927	29007	1.07	cps
Cadmium	111-1	236521	239850	239628	238666	0.78	cps
Calcium	43-1	643373	652655	650616	648881	0.75	cps
Calcium	44-1	10772692	11024393	10805992	10867692	1.26	cps
Carbon	12-1	8678455	8928798	9313026	8973426	3.56	cps
Carbon	12-2	62566	63951	63741	63419	1.18	cps
Chlorine	35-1	42375016	45898718	48627198	45633644	6.87	cps
Chlorine	35-2	190233	194499	195928	193553	1.53	cps
Chromium	52-2	766364	767545	761419	765109	0.42	cps
Cobalt	59-2	3819360	3722859	3726642	3756287	1.46	cps
Copper	63-2	1462942	1460398	1460370	1461237	0.10	cps
Dysprosium	156-1	2837	3134	2797	2923	6.29	cps
Dysprosium	156-2	807	807	810	808	0.24	cps
Erbium	164-1	2124	2207	2200	2177	2.13	cps
Erbium	164-2	687	653	700	680	3.53	cps
Gadolinium	160-1	2577	2550	2680	2603	2.64	cps
Gadolinium	160-2	1017	933	1003	984	4.55	cps
Holmium	165-1	21861371	22692345	22036308	22196675	1.97	cps
Holmium	165-2	6901732	7013208	7051814	6988918	1.12	cps
Indium	115-1	17014859	16744696	16424380	16727978	1.77	cps
Indium	115-2	1451796	1446569	1439568	1445978	0.42	cps
Iron	54-2	514463	511664	513074	513067	0.27	cps
Iron	56-2	9236951	9199383	9223870	9220068	0.21	cps
Iron	57-2	225692	223461	224669	224608	0.50	cps
Krypton	83-1	343	193	273	270	27.80	cps
Lead	206-1	388763	396806	399158	394909	1.38	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-11	Instrumnet Name :	P8
Client Sample ID :	A6335S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:54:32	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	333947	342464	342754	339722	1.47	cps
Lead	208-1	1543851	1584699	1593074	1573875	1.67	cps
Lithium	6-1	8145554	8366254	8352262	8288023	1.49	cps
Magnesium	24-2	692722	695522	696927	695057	0.31	cps
Manganese	55-2	1404467	1425856	1452436	1427586	1.68	cps
Molybdenum	94-1	2220	2404	2454	2359	5.21	cps
Molybdenum	95-1	1847	1937	1930	1905	2.63	cps
Molybdenum	96-1	2230	2334	2330	2298	2.56	cps
Molybdenum	97-1	1177	1160	1147	1161	1.29	cps
Molybdenum	98-1	2934	3024	2874	2944	2.57	cps
Neodymium	150-1	4931	4704	4754	4796	2.48	cps
Neodymium	150-2	883	913	870	889	2.50	cps
Nickel	60-2	1009994	1012504	1018964	1013821	0.46	cps
Phosphorus	31-2	530	520	520	523	1.10	cps
Potassium	39-2	347732	352145	350343	350073	0.63	cps
Rhodium	103-1	15529526	15447810	15516336	15497890	0.28	cps
Rhodium	103-2	5741410	5698091	5693575	5711025	0.46	cps
Scandium	45-1	11633653	11695082	11561135	11629957	0.58	cps
Scandium	45-2	206123	205770	203814	205236	0.61	cps
Selenium	82-1	5351	6095	5501	5649	6.96	cps
Selenium	77-2	63	110	73	82	29.89	cps
Selenium	78-2	403	280	260	314	24.69	cps
Silicon	28-1	59076077	59601602	59675607	59451096	0.55	cps
Silver	107-1	1093639	1115321	1106716	1105225	0.99	cps
Silver	109-1	1049932	1057916	1063332	1057060	0.64	cps
Sodium	23-2	15091111	15100176	15141807	15111032	0.18	cps
Strontium	86-1	331798	337464	336477	335246	0.90	cps
Strontium	88-1	3017592	3113513	3049132	3060079	1.60	cps
Sulfur	34-1	1052005	1053257	1042167	1049143	0.58	cps
Terbium	159-1	22598076	22522282	22502573	22540977	0.22	cps
Terbium	159-2	6724395	6685434	6714887	6708239	0.30	cps
Thallium	203-1	949372	963719	969680	960924	1.09	cps
Thallium	205-1	2422044	2391252	2426098	2413131	0.79	cps
Tin	118-1	7209	7259	7345	7271	0.95	cps
Titanium	47-1	135493	138518	137895	137302	1.16	cps
Uranium	238-1	9714	9831	9787	9777	0.60	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-11	Instrumnet Name :	P8
Client Sample ID :	A6335S	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:54:32	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1530927	1520732	1524025	1525228	0.34	cps
Ytterbium	172-1	673	723	790	729	8.03	cps
Ytterbium	172-2	253	250	290	264	8.39	cps
Ytterbium	176-1	2544	2560	2494	2532	1.37	cps
Ytterbium	176-2	443	427	457	442	3.40	cps
Yttrium	89-1	29618182	29057830	28964857	29213623	1.21	cps
Yttrium	89-2	1893041	1889470	1894913	1892475	0.15	cps
Zinc	66-2	305794	307066	304304	305721	0.45	cps
Zirconium	90-1	3884	3961	3807	3884	1.97	cps
Zirconium	91-1	950	973	953	959	1.32	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-12	Instrumnet Name :	P8
Client Sample ID :	A6336	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:57:41	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69241	70202	70892	70111	1.18	cps
Antimony	121-1	2430	2447	2354	2410	2.07	cps
Arsenic	75-2	1847	1627	1923	1799	8.56	cps
Barium	135-1	183337	183998	187841	185059	1.31	cps
Barium	137-1	320887	321927	321907	321574	0.19	cps
Beryllium	9-1	950	955	936	947	1.02	cps
Bismuth	209-1	14010144	13934213	14149086	14031148	0.78	cps
Bismuth	209-2	5208734	5170533	5127366	5168878	0.79	cps
Bromine	81-1	39930	44169	45908	43336	7.10	cps
Cadmium	108-1	57	53	53	54	3.54	cps
Cadmium	106-1	8466	8002	8823	8430	4.88	cps
Cadmium	111-1	6260	6021	6465	6249	3.56	cps
Calcium	43-1	882403	895618	898132	892051	0.95	cps
Calcium	44-1	14783434	14968028	14962203	14904555	0.70	cps
Carbon	12-1	13099582	14412896	14841601	14118026	6.43	cps
Carbon	12-2	100789	102648	103554	102331	1.38	cps
Chlorine	35-1	6958367	7238233	7149460	7115353	2.01	cps
Chlorine	35-2	26244	26928	26344	26505	1.39	cps
Chromium	52-2	7826	7986	7745	7852	1.56	cps
Cobalt	59-2	23543	23302	22892	23246	1.42	cps
Copper	63-2	14534	14464	14648	14549	0.64	cps
Dysprosium	156-1	2980	3027	3187	3065	3.54	cps
Dysprosium	156-2	740	863	863	822	8.66	cps
Erbium	164-1	2610	2610	2564	2595	1.04	cps
Erbium	164-2	703	833	830	789	9.39	cps
Gadolinium	160-1	2720	2630	2814	2721	3.37	cps
Gadolinium	160-2	1073	1017	1203	1098	8.72	cps
Holmium	165-1	22028796	21993571	22093666	22038677	0.23	cps
Holmium	165-2	6956759	6936015	7026563	6973112	0.68	cps
Indium	115-1	16338750	16768509	16683278	16596846	1.37	cps
Indium	115-2	1457590	1440841	1450818	1449750	0.58	cps
Iron	54-2	1526393	1561653	1516573	1534873	1.54	cps
Iron	56-2	28296521	28352156	27961930	28203536	0.75	cps
Iron	57-2	678931	680791	688230	682650	0.72	cps
Krypton	83-1	313	293	353	320	9.55	cps
Lead	206-1	58588	59760	60979	59776	2.00	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-12	Instrumnet Name :	P8
Client Sample ID :	A6336	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:57:41	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	49467	50344	50337	50050	1.01	cps
Lead	208-1	231736	233718	234829	233427	0.67	cps
Lithium	6-1	8297768	8399985	8250922	8316225	0.92	cps
Magnesium	24-2	855167	856224	857518	856303	0.14	cps
Manganese	55-2	4403825	4422547	4396653	4407675	0.30	cps
Molybdenum	94-1	2520	2590	2674	2595	2.96	cps
Molybdenum	95-1	2010	2104	1900	2005	5.08	cps
Molybdenum	96-1	2484	2607	2434	2508	3.56	cps
Molybdenum	97-1	1350	1427	1407	1395	2.85	cps
Molybdenum	98-1	3200	3254	3360	3272	2.49	cps
Neodymium	150-1	4484	4354	4491	4443	1.73	cps
Neodymium	150-2	987	947	880	938	5.75	cps
Nickel	60-2	6101	6058	5985	6048	0.98	cps
Phosphorus	31-2	617	673	717	669	7.50	cps
Potassium	39-2	430257	432696	435085	432679	0.56	cps
Rhodium	103-1	15452102	15480830	15489155	15474029	0.13	cps
Rhodium	103-2	5723225	5764619	5876112	5787985	1.37	cps
Scandium	45-1	11437096	11597892	11492660	11509216	0.71	cps
Scandium	45-2	205460	204162	209406	206343	1.32	cps
Selenium	82-1	17	70	23	37	79.24	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	10	7	7	8	24.71	cps
Silicon	28-1	58617969	60420576	59395349	59477965	1.52	cps
Silver	107-1	1023	947	1033	1001	4.74	cps
Silver	109-1	897	763	703	788	12.56	cps
Sodium	23-2	18191349	18081993	18025021	18099454	0.47	cps
Strontium	86-1	470862	474823	476316	474000	0.59	cps
Strontium	88-1	4254680	4250425	4233120	4246075	0.27	cps
Sulfur	34-1	1076173	1092875	1087782	1085610	0.79	cps
Terbium	159-1	22252544	22185689	22743408	22393880	1.36	cps
Terbium	159-2	6725234	6645178	6736347	6702253	0.74	cps
Thallium	203-1	1233	1233	1100	1189	6.47	cps
Thallium	205-1	2837	2720	2907	2821	3.34	cps
Tin	118-1	4618	4891	4714	4741	2.92	cps
Titanium	47-1	80906	79770	80916	80531	0.82	cps
Uranium	238-1	9897	10248	10081	10075	1.74	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-12	Instrumnet Name :	P8
Client Sample ID :	A6336	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 17:57:41	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8182	8543	8716	8480	3.21	cps
Ytterbium	172-1	1070	917	937	974	8.55	cps
Ytterbium	172-2	397	393	347	379	7.38	cps
Ytterbium	176-1	2467	2760	2827	2685	7.14	cps
Ytterbium	176-2	563	470	517	517	9.03	cps
Yttrium	89-1	29159244	29168517	29111352	29146371	0.11	cps
Yttrium	89-2	1915148	1873982	1918173	1902434	1.30	cps
Zinc	66-2	11104	11335	11505	11315	1.78	cps
Zirconium	90-1	4164	3931	4031	4042	2.90	cps
Zirconium	91-1	823	877	927	876	5.90	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-13	Instrumnet Name :	P8
Client Sample ID :	A6337	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:00:57	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	293	297	293	1.14	cps
Antimony	121-1	313	307	327	316	3.23	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	340	423	370	378	11.17	cps
Barium	137-1	670	647	630	649	3.10	cps
Beryllium	9-1	497	512	467	492	4.65	cps
Bismuth	209-1	13982801	14205336	14308687	14165608	1.18	cps
Bismuth	209-2	5130795	5351799	5347936	5276844	2.40	cps
Bromine	81-1	10791	10721	9317	10276	8.09	cps
Cadmium	108-1	50	30	33	38	28.37	cps
Cadmium	106-1	8256	8489	8189	8311	1.90	cps
Cadmium	111-1	5777	5955	5762	5832	1.84	cps
Calcium	43-1	1507	1577	1657	1580	4.75	cps
Calcium	44-1	45549	44619	45538	45235	1.18	cps
Carbon	12-1	6176511	6743759	7194022	6704764	7.60	cps
Carbon	12-2	48239	49041	49938	49073	1.73	cps
Chlorine	35-1	1762150	1643531	1563378	1656353	6.04	cps
Chlorine	35-2	5501	5081	5141	5241	4.34	cps
Chromium	52-2	25600	24895	25660	25385	1.67	cps
Cobalt	59-2	250	240	230	240	4.17	cps
Copper	63-2	3097	3187	3230	3171	2.15	cps
Dysprosium	156-1	70	40	47	52	30.16	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	83	103	100	96	11.21	cps
Erbium	164-2	43	23	37	34	29.57	cps
Gadolinium	160-1	103	97	113	104	8.03	cps
Gadolinium	160-2	13	23	17	18	28.64	cps
Holmium	165-1	21940749	21998474	22126505	22021909	0.43	cps
Holmium	165-2	6710163	7101576	7097623	6969787	3.23	cps
Indium	115-1	16853337	16785134	17076850	16905107	0.90	cps
Indium	115-2	1420541	1556923	1503514	1493660	4.60	cps
Iron	54-2	5568	5651	5534	5584	1.08	cps
Iron	56-2	83902	82128	84615	83548	1.53	cps
Iron	57-2	2237	2260	2047	2181	5.37	cps
Krypton	83-1	277	263	317	286	9.72	cps
Lead	206-1	2350	2604	2604	2519	5.81	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-13	Instrumnet Name :	P8
Client Sample ID :	A6337	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:00:57	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1974	2070	2134	2059	3.91	cps
Lead	208-1	9488	9962	9855	9768	2.54	cps
Lithium	6-1	8494950	8394225	8377762	8422312	0.75	cps
Magnesium	24-2	2674	2670	2860	2735	3.98	cps
Manganese	55-2	2037	1947	2044	2009	2.69	cps
Molybdenum	94-1	1803	1610	1773	1729	6.02	cps
Molybdenum	95-1	2487	2354	2340	2394	3.39	cps
Molybdenum	96-1	2637	2647	2740	2675	2.13	cps
Molybdenum	97-1	1453	1407	1603	1488	6.91	cps
Molybdenum	98-1	3874	3774	3794	3814	1.39	cps
Neodymium	150-1	20	30	17	22	31.22	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	2214	2124	2230	2189	2.62	cps
Phosphorus	31-2	117	110	97	108	9.45	cps
Potassium	39-2	14117	13737	13897	13917	1.37	cps
Rhodium	103-1	15452346	15767984	15735711	15652014	1.11	cps
Rhodium	103-2	5748324	5983719	5880067	5870703	2.01	cps
Scandium	45-1	11590538	11599309	11540630	11576826	0.27	cps
Scandium	45-2	200059	212201	208371	206877	3.00	cps
Selenium	82-1	20	20	-27	4	605.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	20	10	12	56.76	cps
Silicon	28-1	586889	598310	603183	596127	1.40	cps
Silver	107-1	427	360	307	364	16.50	cps
Silver	109-1	223	193	177	198	11.96	cps
Sodium	23-2	106152	104756	105105	105338	0.69	cps
Strontium	86-1	1120	1067	1167	1118	4.48	cps
Strontium	88-1	6905	6842	6645	6797	2.00	cps
Sulfur	34-1	774074	776153	776743	775657	0.18	cps
Terbium	159-1	21875298	22342301	22514594	22244064	1.49	cps
Terbium	159-2	6586436	6885457	6755801	6742564	2.22	cps
Thallium	203-1	647	527	560	578	10.72	cps
Thallium	205-1	1540	1233	1307	1360	11.78	cps
Tin	118-1	5768	5638	5591	5666	1.62	cps
Titanium	47-1	403	340	390	378	8.84	cps
Uranium	238-1	77	50	43	57	31.13	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-13	Instrumnet Name :	P8
Client Sample ID :	A6337	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:00:57	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	173	183	183	180	3.21	cps
Ytterbium	172-1	107	123	143	124	14.75	cps
Ytterbium	172-2	37	27	43	36	23.58	cps
Ytterbium	176-1	2117	2134	2084	2111	1.21	cps
Ytterbium	176-2	267	250	287	268	6.85	cps
Yttrium	89-1	29219751	29071960	28998637	29096783	0.39	cps
Yttrium	89-2	1850028	1935722	1918174	1901308	2.38	cps
Zinc	66-2	627	503	507	546	12.88	cps
Zirconium	90-1	1167	1183	1063	1138	5.71	cps
Zirconium	91-1	197	230	217	214	7.82	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-14	Instrumnet Name :	P8
Client Sample ID :	A6338	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:04:17	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104317	103488	102854	103553	0.71	cps
Antimony	121-1	1520	1533	1663	1572	5.04	cps
Arsenic	75-2	687	777	833	766	9.66	cps
Barium	135-1	101869	103313	102245	102476	0.73	cps
Barium	137-1	178127	180531	179772	179477	0.68	cps
Beryllium	9-1	977	936	880	931	5.26	cps
Bismuth	209-1	14358448	13882439	14086484	14109124	1.69	cps
Bismuth	209-2	5174830	5149048	5129396	5151091	0.44	cps
Bromine	81-1	27844	31993	34579	31472	10.80	cps
Cadmium	108-1	50	97	23	57	65.51	cps
Cadmium	106-1	8529	8533	8303	8455	1.56	cps
Cadmium	111-1	6132	6102	6029	6088	0.87	cps
Calcium	43-1	681137	684895	686236	684089	0.39	cps
Calcium	44-1	11260735	11424737	11457402	11380958	0.93	cps
Carbon	12-1	11040071	11741841	12227313	11669742	5.11	cps
Carbon	12-2	81266	83425	83368	82686	1.49	cps
Chlorine	35-1	4060237	4537044	4734675	4443985	7.80	cps
Chlorine	35-2	18822	18986	19446	19085	1.70	cps
Chromium	52-2	12496	11915	12435	12282	2.60	cps
Cobalt	59-2	5808	5608	5785	5733	1.91	cps
Copper	63-2	11675	11872	11478	11675	1.69	cps
Dysprosium	156-1	3867	3734	3781	3794	1.78	cps
Dysprosium	156-2	1093	1080	1247	1140	8.12	cps
Erbium	164-1	3037	3064	3087	3063	0.82	cps
Erbium	164-2	987	947	997	977	2.71	cps
Gadolinium	160-1	3417	3284	3477	3393	2.92	cps
Gadolinium	160-2	1317	1183	1257	1252	5.33	cps
Holmium	165-1	22057925	22115062	21970631	22047873	0.33	cps
Holmium	165-2	7002901	6888081	7016902	6969295	1.01	cps
Indium	115-1	16898828	16650454	16555950	16701744	1.06	cps
Indium	115-2	1437487	1434810	1442269	1438189	0.26	cps
Iron	54-2	360762	360475	359141	360126	0.24	cps
Iron	56-2	6849028	6769701	6908359	6842363	1.02	cps
Iron	57-2	164687	164383	166560	165210	0.71	cps
Krypton	83-1	263	273	280	272	3.08	cps
Lead	206-1	62228	62188	62496	62304	0.27	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-14	Instrumnet Name :	P8
Client Sample ID :	A6338	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:04:17	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	52278	52165	51693	52045	0.60	cps
Lead	208-1	242758	243284	243814	243285	0.22	cps
Lithium	6-1	8329215	8371637	8368299	8356384	0.28	cps
Magnesium	24-2	727853	724065	731913	727944	0.54	cps
Manganese	55-2	460003	457613	458980	458866	0.26	cps
Molybdenum	94-1	2287	2190	2280	2252	2.40	cps
Molybdenum	95-1	1617	1853	1707	1726	6.92	cps
Molybdenum	96-1	2044	2130	2134	2102	2.43	cps
Molybdenum	97-1	1060	1060	1143	1088	4.42	cps
Molybdenum	98-1	2667	2747	2557	2657	3.59	cps
Neodymium	150-1	5701	5605	5871	5726	2.36	cps
Neodymium	150-2	1273	1430	1250	1318	7.43	cps
Nickel	60-2	5584	5564	5685	5611	1.15	cps
Phosphorus	31-2	503	510	480	498	3.16	cps
Potassium	39-2	353197	354602	353816	353872	0.20	cps
Rhodium	103-1	15508133	15562738	15340546	15470472	0.75	cps
Rhodium	103-2	5612345	5636498	5794811	5681218	1.74	cps
Scandium	45-1	11710970	11736849	11439117	11628979	1.42	cps
Scandium	45-2	206594	205302	205383	205759	0.35	cps
Selenium	82-1	-27	57	10	13	313.27	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	0	13	13	9	86.60	cps
Silicon	28-1	60164669	59603174	58943622	59570489	1.03	cps
Silver	107-1	613	613	587	604	2.55	cps
Silver	109-1	410	387	413	403	3.60	cps
Sodium	23-2	15137268	15064195	15207216	15136226	0.47	cps
Strontium	86-1	356555	361915	358067	358845	0.77	cps
Strontium	88-1	3234682	3277102	3294273	3268685	0.94	cps
Sulfur	34-1	1094615	1079841	1073227	1082561	1.01	cps
Terbium	159-1	22870607	22311148	22229625	22470460	1.55	cps
Terbium	159-2	6726530	6673134	6775728	6725131	0.76	cps
Thallium	203-1	1087	1053	1040	1060	2.27	cps
Thallium	205-1	2504	2450	2550	2501	2.00	cps
Tin	118-1	5028	4988	5131	5049	1.47	cps
Titanium	47-1	173343	176228	173580	174383	0.92	cps
Uranium	238-1	13257	13167	13050	13158	0.79	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-14	Instrumnet Name :	P8
Client Sample ID :	A6338	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:04:17	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7866	7812	7849	7842	0.35	cps
Ytterbium	172-1	1090	1047	990	1042	4.81	cps
Ytterbium	172-2	373	430	310	371	16.18	cps
Ytterbium	176-1	2680	2744	2784	2736	1.90	cps
Ytterbium	176-2	480	520	530	510	5.19	cps
Yttrium	89-1	29291772	29652800	29210642	29385072	0.80	cps
Yttrium	89-2	1867036	1876146	1877687	1873623	0.31	cps
Zinc	66-2	5081	5084	4911	5025	1.97	cps
Zirconium	90-1	3661	3634	3704	3666	0.96	cps
Zirconium	91-1	750	677	850	759	11.47	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-15	Instrumnet Name :	P8
Client Sample ID :	A6339	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:07:35	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10827	10751	10517	10698	1.51	cps
Antimony	121-1	1287	1417	1497	1400	7.57	cps
Arsenic	75-2	1383	1230	1353	1322	6.15	cps
Barium	135-1	72278	73686	73950	73305	1.23	cps
Barium	137-1	127366	128584	128049	128000	0.48	cps
Beryllium	9-1	517	505	557	527	5.21	cps
Bismuth	209-1	13933177	13898309	13796619	13876035	0.51	cps
Bismuth	209-2	5151216	5074322	5085834	5103791	0.81	cps
Bromine	81-1	36360	40278	43414	40017	8.83	cps
Cadmium	108-1	47	43	67	52	24.17	cps
Cadmium	106-1	8179	8102	7976	8086	1.27	cps
Cadmium	111-1	5796	5721	5620	5712	1.55	cps
Calcium	43-1	1774712	1746029	1769996	1763579	0.87	cps
Calcium	44-1	28305133	28278898	28186912	28256981	0.22	cps
Carbon	12-1	10611134	11470857	11851526	11311172	5.62	cps
Carbon	12-2	81585	81775	81209	81523	0.35	cps
Chlorine	35-1	3461614	3725082	3855378	3680691	5.45	cps
Chlorine	35-2	15068	14561	15095	14908	2.02	cps
Chromium	52-2	4074	3951	3974	3999	1.64	cps
Cobalt	59-2	13997	13623	14057	13892	1.69	cps
Copper	63-2	5434	5144	5231	5270	2.83	cps
Dysprosium	156-1	773	763	953	830	12.88	cps
Dysprosium	156-2	257	200	270	242	15.35	cps
Erbium	164-1	693	753	677	708	5.70	cps
Erbium	164-2	237	270	230	246	8.73	cps
Gadolinium	160-1	813	803	680	766	9.70	cps
Gadolinium	160-2	290	263	337	297	12.51	cps
Holmium	165-1	21481928	21516603	21958252	21652261	1.23	cps
Holmium	165-2	6960194	6957331	7004323	6973950	0.38	cps
Indium	115-1	16739328	16638199	16210607	16529378	1.70	cps
Indium	115-2	1427334	1422230	1433721	1427762	0.40	cps
Iron	54-2	718276	715178	716104	716519	0.22	cps
Iron	56-2	13645925	13536041	13549217	13577061	0.44	cps
Iron	57-2	329245	328653	328291	328730	0.15	cps
Krypton	83-1	247	273	267	262	5.29	cps
Lead	206-1	8226	8716	8109	8351	3.86	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-15	Instrumnet Name :	P8
Client Sample ID :	A6339	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:07:35	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7165	6932	6839	6979	2.41	cps
Lead	208-1	32730	33190	32420	32780	1.18	cps
Lithium	6-1	8378711	8399411	8255179	8344434	0.93	cps
Magnesium	24-2	2445145	2397978	2408594	2417239	1.02	cps
Manganese	55-2	1264325	1247199	1243536	1251686	0.89	cps
Molybdenum	94-1	1953	1893	2024	1957	3.33	cps
Molybdenum	95-1	1943	1974	1797	1905	4.96	cps
Molybdenum	96-1	2030	2257	2134	2140	5.30	cps
Molybdenum	97-1	1167	1163	1320	1217	7.36	cps
Molybdenum	98-1	3200	3034	3254	3163	3.63	cps
Neodymium	150-1	1137	1167	1050	1118	5.42	cps
Neodymium	150-2	277	190	280	249	20.50	cps
Nickel	60-2	7239	7329	7379	7315	0.97	cps
Phosphorus	31-2	767	790	637	731	11.30	cps
Potassium	39-2	482888	482257	477858	481001	0.57	cps
Rhodium	103-1	15208848	15322559	15209074	15246827	0.43	cps
Rhodium	103-2	5675845	5571650	5633400	5626965	0.93	cps
Scandium	45-1	11380817	11450949	11339415	11390394	0.49	cps
Scandium	45-2	200574	202299	203075	201983	0.63	cps
Selenium	82-1	60	40	67	56	24.98	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	7	13	7	9	43.25	cps
Silicon	28-1	83773392	83247307	83901660	83640787	0.41	cps
Silver	107-1	303	303	313	307	1.88	cps
Silver	109-1	180	173	153	169	8.22	cps
Sodium	23-2	10991878	10701733	10847856	10847156	1.34	cps
Strontium	86-1	671329	680593	677982	676635	0.71	cps
Strontium	88-1	6114984	6106991	6066957	6096311	0.42	cps
Sulfur	34-1	1335972	1311265	1326529	1324589	0.94	cps
Terbium	159-1	22121211	22263822	22246560	22210531	0.35	cps
Terbium	159-2	6606710	6631947	6647477	6628711	0.31	cps
Thallium	203-1	510	550	470	510	7.84	cps
Thallium	205-1	1320	1453	1243	1339	7.94	cps
Tin	118-1	3474	3447	3567	3496	1.80	cps
Titanium	47-1	18155	18616	18285	18352	1.29	cps
Uranium	238-1	11238	11442	11612	11431	1.64	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-15	Instrumnet Name :	P8
Client Sample ID :	A6339	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:07:35	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1760	1877	1647	1761	6.53	cps
Ytterbium	172-1	327	403	307	346	14.77	cps
Ytterbium	172-2	140	190	130	153	20.96	cps
Ytterbium	176-1	2304	2070	2194	2189	5.33	cps
Ytterbium	176-2	363	307	333	334	8.48	cps
Yttrium	89-1	29151151	28710832	28477417	28779800	1.19	cps
Yttrium	89-2	1841656	1822218	1836133	1833336	0.55	cps
Zinc	66-2	1630	1647	1680	1652	1.54	cps
Zirconium	90-1	2387	2310	2330	2342	1.70	cps
Zirconium	91-1	500	473	470	481	3.42	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-16	Instrumnet Name :	P8
Client Sample ID :	A6340	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:10:48	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42873	42532	42559	42655	0.44	cps
Antimony	121-1	1437	1357	1297	1363	5.15	cps
Arsenic	75-2	1093	893	933	973	10.87	cps
Barium	135-1	88516	88557	88778	88617	0.16	cps
Barium	137-1	153564	154265	154885	154238	0.43	cps
Beryllium	9-1	614	644	652	637	3.19	cps
Bismuth	209-1	13764624	13727137	13758389	13750050	0.15	cps
Bismuth	209-2	5017770	5117254	5109211	5081412	1.09	cps
Bromine	81-1	32060	37427	39475	36321	10.54	cps
Cadmium	108-1	37	43	80	53	43.75	cps
Cadmium	106-1	7849	8109	8052	8004	1.71	cps
Cadmium	111-1	5599	5796	5724	5706	1.75	cps
Calcium	43-1	815842	818093	824300	819412	0.53	cps
Calcium	44-1	13767787	13685969	13853102	13768953	0.61	cps
Carbon	12-1	10230053	10881028	11294354	10801812	4.97	cps
Carbon	12-2	76364	78193	77472	77343	1.19	cps
Chlorine	35-1	4537565	5002350	5070507	4870141	5.96	cps
Chlorine	35-2	20378	20485	20181	20348	0.76	cps
Chromium	52-2	10904	10634	10811	10783	1.27	cps
Cobalt	59-2	8316	8306	8653	8425	2.34	cps
Copper	63-2	15225	15385	15809	15473	1.95	cps
Dysprosium	156-1	1887	1743	1670	1767	6.24	cps
Dysprosium	156-2	450	467	470	462	2.32	cps
Erbium	164-1	1400	1350	1373	1375	1.82	cps
Erbium	164-2	457	443	457	452	1.70	cps
Gadolinium	160-1	1543	1730	1387	1553	11.07	cps
Gadolinium	160-2	563	627	507	566	10.62	cps
Holmium	165-1	21453773	21469403	21933348	21618841	1.26	cps
Holmium	165-2	6914957	6875890	6940486	6910444	0.47	cps
Indium	115-1	16316114	16245632	16294234	16285326	0.22	cps
Indium	115-2	1423529	1420206	1426710	1423481	0.23	cps
Iron	54-2	385364	383753	386983	385367	0.42	cps
Iron	56-2	7363623	7183334	7305486	7284148	1.26	cps
Iron	57-2	178813	177730	176315	177619	0.71	cps
Krypton	83-1	257	347	317	307	14.94	cps
Lead	206-1	27706	27947	28608	28087	1.66	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-16	Instrumnet Name :	P8
Client Sample ID :	A6340	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:10:48	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23508	23331	23809	23549	1.02	cps
Lead	208-1	108972	108986	110299	109419	0.70	cps
Lithium	6-1	8274481	8437232	8319199	8343637	1.01	cps
Magnesium	24-2	895435	890246	902211	895964	0.67	cps
Manganese	55-2	1539114	1533077	1523924	1532039	0.50	cps
Molybdenum	94-1	2260	2074	2184	2172	4.32	cps
Molybdenum	95-1	2117	2187	2227	2177	2.56	cps
Molybdenum	96-1	2444	2484	2507	2478	1.29	cps
Molybdenum	97-1	1317	1367	1390	1358	2.76	cps
Molybdenum	98-1	3527	3587	3664	3593	1.91	cps
Neodymium	150-1	2594	2517	2604	2571	1.84	cps
Neodymium	150-2	487	540	547	524	6.27	cps
Nickel	60-2	5705	5561	5504	5590	1.84	cps
Phosphorus	31-2	487	407	383	426	12.74	cps
Potassium	39-2	402038	398496	400314	400283	0.44	cps
Rhodium	103-1	15069137	15181389	15211160	15153895	0.49	cps
Rhodium	103-2	5694730	5625227	5603121	5641026	0.85	cps
Scandium	45-1	11260512	11460254	11216625	11312463	1.15	cps
Scandium	45-2	201867	203023	201532	202141	0.39	cps
Selenium	82-1	63	-27	-53	-6	-1101.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	3	7	13	8	65.47	cps
Silicon	28-1	56960377	57791061	56923186	57224875	0.86	cps
Silver	107-1	390	363	410	388	6.04	cps
Silver	109-1	230	193	203	209	9.07	cps
Sodium	23-2	16145896	16057386	16059594	16087625	0.31	cps
Strontium	86-1	372107	372812	372620	372513	0.10	cps
Strontium	88-1	3372805	3403911	3394232	3390316	0.47	cps
Sulfur	34-1	1082466	1079398	1068951	1076939	0.66	cps
Terbium	159-1	22095988	22292852	22239326	22209389	0.46	cps
Terbium	159-2	6557110	6656364	6614922	6609465	0.75	cps
Thallium	203-1	700	673	747	707	5.25	cps
Thallium	205-1	1750	1850	1783	1795	2.84	cps
Tin	118-1	5231	5344	5314	5297	1.11	cps
Titanium	47-1	71259	71155	71769	71394	0.46	cps
Uranium	238-1	7629	7596	7609	7611	0.22	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-16	Instrumnet Name :	P8
Client Sample ID :	A6340	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:10:48	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4014	3967	3791	3924	3.00	cps
Ytterbium	172-1	467	507	527	500	6.11	cps
Ytterbium	172-2	203	197	217	206	4.95	cps
Ytterbium	176-1	2357	2400	2337	2365	1.37	cps
Ytterbium	176-2	410	460	460	443	6.51	cps
Yttrium	89-1	28314820	28617430	28581065	28504438	0.58	cps
Yttrium	89-2	1852755	1843218	1859256	1851743	0.44	cps
Zinc	66-2	5118	5004	5094	5072	1.18	cps
Zirconium	90-1	2620	2744	2680	2681	2.30	cps
Zirconium	91-1	470	670	600	580	17.50	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-17	Instrumnet Name :	P8
Client Sample ID :	A6341	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:14:06	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6785	7048	6795	6876	2.17	cps
Antimony	121-1	957	1067	990	1004	5.62	cps
Arsenic	75-2	350	287	400	346	16.44	cps
Barium	135-1	56758	57324	57043	57042	0.50	cps
Barium	137-1	98804	98770	100046	99207	0.73	cps
Beryllium	9-1	477	471	499	482	2.99	cps
Bismuth	209-1	14190873	14354989	14071573	14205811	1.00	cps
Bismuth	209-2	5268322	5163457	5089815	5173865	1.73	cps
Bromine	81-1	28563	32785	35174	32174	10.41	cps
Cadmium	108-1	37	30	27	31	16.37	cps
Cadmium	106-1	8249	8209	7759	8072	3.37	cps
Cadmium	111-1	5772	5785	5446	5668	3.39	cps
Calcium	43-1	664775	668828	673256	668953	0.63	cps
Calcium	44-1	11046564	11157338	11221681	11141861	0.80	cps
Carbon	12-1	8701986	9363400	9622325	9229237	5.14	cps
Carbon	12-2	66593	67142	67611	67116	0.76	cps
Chlorine	35-1	4338345	4675206	4825558	4613036	5.41	cps
Chlorine	35-2	19036	18886	19216	19046	0.87	cps
Chromium	52-2	2300	2300	2367	2322	1.66	cps
Cobalt	59-2	1717	1690	1857	1755	5.10	cps
Copper	63-2	5024	5194	5201	5140	1.95	cps
Dysprosium	156-1	357	453	460	423	13.66	cps
Dysprosium	156-2	120	167	97	128	27.89	cps
Erbium	164-1	433	413	383	410	6.14	cps
Erbium	164-2	137	133	130	133	2.50	cps
Gadolinium	160-1	473	530	420	474	11.59	cps
Gadolinium	160-2	147	170	170	162	8.30	cps
Holmium	165-1	22747279	22476654	21981890	22401941	1.73	cps
Holmium	165-2	7155846	7034875	6878587	7023103	1.98	cps
Indium	115-1	16679748	16740676	16658220	16692881	0.26	cps
Indium	115-2	1474926	1453706	1446182	1458271	1.02	cps
Iron	54-2	118398	119831	119383	119204	0.61	cps
Iron	56-2	2312739	2292521	2298455	2301238	0.45	cps
Iron	57-2	54714	55280	54644	54880	0.64	cps
Krypton	83-1	233	263	270	256	7.64	cps
Lead	206-1	7309	6805	6919	7011	3.77	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-17	Instrumnet Name :	P8
Client Sample ID :	A6341	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:14:06	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5468	5568	5935	5657	4.35	cps
Lead	208-1	26824	26641	26988	26818	0.65	cps
Lithium	6-1	8397783	8306814	8303695	8336097	0.64	cps
Magnesium	24-2	674306	672993	671560	672953	0.20	cps
Manganese	55-2	277337	278595	281282	279071	0.72	cps
Molybdenum	94-1	1003	963	1007	991	2.43	cps
Molybdenum	95-1	793	787	760	780	2.26	cps
Molybdenum	96-1	867	870	900	879	2.09	cps
Molybdenum	97-1	527	583	470	527	10.76	cps
Molybdenum	98-1	1347	1167	1273	1262	7.17	cps
Neodymium	150-1	563	590	560	571	2.88	cps
Neodymium	150-2	113	127	153	131	15.53	cps
Nickel	60-2	2304	2460	2064	2276	8.78	cps
Phosphorus	31-2	150	173	160	161	7.27	cps
Potassium	39-2	330339	329300	329460	329700	0.17	cps
Rhodium	103-1	15368961	15738996	15506569	15538175	1.20	cps
Rhodium	103-2	5875499	5700278	5642064	5739281	2.12	cps
Scandium	45-1	11538680	11505782	11550188	11531550	0.20	cps
Scandium	45-2	210516	205102	201796	205805	2.14	cps
Selenium	82-1	77	43	13	44	71.29	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	7	7	7	0.00	cps
Silicon	28-1	42570578	41335175	41923636	41943130	1.47	cps
Silver	107-1	240	243	233	239	2.13	cps
Silver	109-1	113	110	90	104	12.08	cps
Sodium	23-2	14815391	14961754	14935249	14904131	0.52	cps
Strontium	86-1	347312	347053	347917	347427	0.13	cps
Strontium	88-1	3121406	3156350	3165979	3147912	0.75	cps
Sulfur	34-1	1063241	1037562	1040920	1047241	1.33	cps
Terbium	159-1	22546526	22768993	22239960	22518493	1.18	cps
Terbium	159-2	6822828	6739012	6681912	6747917	1.05	cps
Thallium	203-1	510	487	453	483	5.89	cps
Thallium	205-1	1163	1130	1113	1136	2.24	cps
Tin	118-1	6802	6765	6605	6724	1.56	cps
Titanium	47-1	9640	10407	10190	10079	3.92	cps
Uranium	238-1	2310	2320	2217	2282	2.50	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-17	Instrumnet Name :	P8
Client Sample ID :	A6341	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:14:06	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	767	807	690	754	7.86	cps
Ytterbium	172-1	310	323	253	296	12.58	cps
Ytterbium	172-2	100	100	87	96	8.05	cps
Ytterbium	176-1	2287	2157	2204	2216	2.97	cps
Ytterbium	176-2	343	310	300	318	7.14	cps
Yttrium	89-1	28813398	29591570	29198569	29201179	1.33	cps
Yttrium	89-2	1939706	1859322	1866378	1888469	2.36	cps
Zinc	66-2	1537	1557	1500	1531	1.88	cps
Zirconium	90-1	1510	1410	1493	1471	3.64	cps
Zirconium	91-1	347	310	373	343	9.26	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01DLX2	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:17:21	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44331	44207	44227	44255	0.15	cps
Antimony	121-1	5338815	5341623	5293892	5324776	0.50	cps
Arsenic	75-2	101556	101781	101952	101763	0.20	cps
Barium	135-1	2752064	2720064	2754771	2742299	0.70	cps
Barium	137-1	4708153	4668152	4687833	4688046	0.43	cps
Beryllium	9-1	427492	428385	423483	426453	0.61	cps
Bismuth	209-1	14704935	14565347	14511072	14593785	0.69	cps
Bismuth	209-2	5280976	5177117	5252691	5236928	1.03	cps
Bromine	81-1	11331	10404	9647	10461	8.07	cps
Cadmium	108-1	99737	100701	100715	100384	0.56	cps
Cadmium	106-1	142389	143376	141847	142537	0.54	cps
Cadmium	111-1	1500867	1515497	1523376	1513246	0.75	cps
Calcium	43-1	1897	2080	2127	2035	5.98	cps
Calcium	44-1	44833	43803	44054	44230	1.21	cps
Carbon	12-1	4909978	4762605	4674006	4782197	2.49	cps
Carbon	12-2	30071	29707	29316	29698	1.27	cps
Chlorine	35-1	828025	787439	745310	786925	5.26	cps
Chlorine	35-2	2757	2447	2570	2591	6.02	cps
Chromium	52-2	546800	547833	544377	546337	0.32	cps
Cobalt	59-2	856763	852069	858022	855618	0.37	cps
Copper	63-2	2433762	2424611	2441841	2433405	0.35	cps
Dysprosium	156-1	57	23	70	50	48.08	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	137	133	130	133	2.50	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	120	123	120	121	1.59	cps
Gadolinium	160-2	20	10	27	19	44.42	cps
Holmium	165-1	21982019	22402712	21874430	22086387	1.26	cps
Holmium	165-2	6950423	6906461	7148032	7001639	1.84	cps
Indium	115-1	17125584	16698776	16895355	16906572	1.26	cps
Indium	115-2	1453441	1436102	1480374	1456639	1.53	cps
Iron	54-2	163284	162509	164936	163576	0.76	cps
Iron	56-2	2799532	2810637	2788842	2799670	0.39	cps
Iron	57-2	67408	67478	67325	67404	0.11	cps
Krypton	83-1	293	273	260	276	6.09	cps
Lead	206-1	5880342	6018327	5905503	5934724	1.24	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01DLX2	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:17:21	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4871588	4893374	4894444	4886469	0.26	cps
Lead	208-1	22899061	22827883	22866273	22864406	0.16	cps
Lithium	6-1	8602352	8208437	8448959	8419916	2.36	cps
Magnesium	24-2	3007	2427	2757	2730	10.66	cps
Manganese	55-2	552584	555792	550693	553023	0.47	cps
Molybdenum	94-1	1194829	1193575	1201735	1196713	0.37	cps
Molybdenum	95-1	2163373	2161427	2177049	2167283	0.39	cps
Molybdenum	96-1	2370519	2367739	2316762	2351673	1.29	cps
Molybdenum	97-1	1313644	1310691	1303259	1309198	0.41	cps
Molybdenum	98-1	3619313	3568330	3514576	3567407	1.47	cps
Neodymium	150-1	137	123	173	144	17.92	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	515284	513688	513576	514183	0.19	cps
Phosphorus	31-2	103	83	43	77	39.85	cps
Potassium	39-2	11752	11458	11748	11653	1.45	cps
Rhodium	103-1	16282040	15840646	15624242	15915643	2.11	cps
Rhodium	103-2	5767682	5626154	5855423	5749753	2.01	cps
Scandium	45-1	11611365	11402543	11517558	11510489	0.91	cps
Scandium	45-2	203996	199830	208544	204123	2.14	cps
Selenium	82-1	32913	32418	33838	33056	2.18	cps
Selenium	77-2	500	500	497	499	0.39	cps
Selenium	78-2	1703	1627	1670	1667	2.31	cps
Silicon	28-1	536883	531146	530692	532907	0.65	cps
Silver	107-1	8552349	8488267	8707456	8582691	1.31	cps
Silver	109-1	8186745	8046937	8269049	8167577	1.37	cps
Sodium	23-2	88254	89231	87460	88315	1.00	cps
Strontium	86-1	169527	169926	171032	170162	0.46	cps
Strontium	88-1	1527333	1535142	1557759	1540078	1.03	cps
Sulfur	34-1	752515	742429	737680	744208	1.02	cps
Terbium	159-1	22742156	22771821	22580705	22698227	0.45	cps
Terbium	159-2	6754742	6545723	6803356	6701274	2.04	cps
Thallium	203-1	7125000	7191827	7127990	7148272	0.53	cps
Thallium	205-1	16822336	17099612	16946801	16956249	0.82	cps
Tin	118-1	3267	3130	3264	3220	2.42	cps
Titanium	47-1	603	623	757	661	12.61	cps
Uranium	238-1	13	20	27	20	33.35	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-01DLX2	Instrumnet Name :	P8
Client Sample ID :	A6311	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:17:21	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2405074	2408368	2363484	2392309	1.05	cps
Ytterbium	172-1	163	130	133	142	12.91	cps
Ytterbium	172-2	20	53	30	34	49.66	cps
Ytterbium	176-1	2040	2107	2164	2104	2.94	cps
Ytterbium	176-2	337	283	340	320	9.94	cps
Yttrium	89-1	29224161	28880335	29406852	29170450	0.92	cps
Yttrium	89-2	1872643	1822164	1879441	1858083	1.68	cps
Zinc	66-2	288421	288666	287425	288170	0.23	cps
Zirconium	90-1	1010	970	1100	1027	6.49	cps
Zirconium	91-1	1333	1303	1227	1288	4.27	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02DLX2	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:20:28	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121159	122020	121606	121595	0.35	cps
Antimony	121-1	7479423	7510130	7491507	7493687	0.21	cps
Arsenic	75-2	51775	52343	51661	51926	0.70	cps
Barium	135-1	1262463	1274990	1265952	1267802	0.51	cps
Barium	137-1	2298250	2298613	2280673	2292512	0.45	cps
Beryllium	9-1	447282	452848	452989	451040	0.72	cps
Bismuth	209-1	14686758	14521841	14453533	14554044	0.82	cps
Bismuth	209-2	5266193	5313185	5290261	5289879	0.44	cps
Bromine	81-1	7112	7005	6915	7011	1.40	cps
Cadmium	108-1	43502	43171	43763	43478	0.68	cps
Cadmium	106-1	63770	66171	64811	64917	1.85	cps
Cadmium	111-1	642716	644758	645945	644473	0.25	cps
Calcium	43-1	1917	2020	2100	2012	4.57	cps
Calcium	44-1	42275	42850	42389	42505	0.72	cps
Carbon	12-1	4678417	4673032	4683348	4678265	0.11	cps
Carbon	12-2	30298	30559	30057	30305	0.83	cps
Chlorine	35-1	529380	522966	514209	522185	1.46	cps
Chlorine	35-2	1847	1770	1853	1823	2.54	cps
Chromium	52-2	659255	662238	648879	656790	1.07	cps
Cobalt	59-2	2861724	2868794	2827382	2852633	0.78	cps
Copper	63-2	646067	639172	641823	642354	0.54	cps
Dysprosium	156-1	40	37	47	41	12.39	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	127	153	133	138	10.07	cps
Erbium	164-2	13	27	40	27	50.01	cps
Gadolinium	160-1	107	107	153	122	22.05	cps
Gadolinium	160-2	27	17	10	18	47.19	cps
Holmium	165-1	22597778	22201714	22008025	22269172	1.35	cps
Holmium	165-2	7104476	7049320	7009421	7054406	0.68	cps
Indium	115-1	17143472	16890836	16886448	16973585	0.87	cps
Indium	115-2	1450858	1468578	1461659	1460365	0.61	cps
Iron	54-2	236181	235582	234995	235586	0.25	cps
Iron	56-2	4065953	4105975	4066893	4079607	0.56	cps
Iron	57-2	98131	99011	98578	98573	0.45	cps
Krypton	83-1	307	240	317	288	14.48	cps
Lead	206-1	7661788	7594547	7728675	7661670	0.88	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02DLX2	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:20:28	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6355379	6344953	6413890	6371408	0.58	cps
Lead	208-1	29640674	29641597	29714789	29665686	0.14	cps
Lithium	6-1	8512854	8592158	8425901	8510305	0.98	cps
Magnesium	24-2	2790	2807	2737	2778	1.32	cps
Manganese	55-2	477784	474316	471844	474648	0.63	cps
Molybdenum	94-1	1482754	1509121	1512802	1501559	1.09	cps
Molybdenum	95-1	2641351	2669946	2667721	2659673	0.60	cps
Molybdenum	96-1	2869497	2932745	2835151	2879131	1.72	cps
Molybdenum	97-1	1632368	1664062	1605820	1634084	1.78	cps
Molybdenum	98-1	4233352	4282653	4323904	4279970	1.06	cps
Neodymium	150-1	80	97	107	94	14.27	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1840148	1875001	1846544	1853898	1.00	cps
Phosphorus	31-2	70	47	53	57	21.21	cps
Potassium	39-2	12189	12095	12018	12101	0.70	cps
Rhodium	103-1	16071509	15832026	15811415	15904983	0.91	cps
Rhodium	103-2	5854181	5755115	5794269	5801188	0.86	cps
Scandium	45-1	11692177	11723755	11540925	11652286	0.84	cps
Scandium	45-2	205497	206009	203502	205003	0.65	cps
Selenium	82-1	90525	92971	91390	91629	1.35	cps
Selenium	77-2	1490	1307	1467	1421	7.02	cps
Selenium	78-2	4671	4714	4624	4670	0.96	cps
Silicon	28-1	523965	524696	523584	524082	0.11	cps
Silver	107-1	11199802	11265969	11100315	11188695	0.75	cps
Silver	109-1	10580447	10578371	10587894	10582237	0.05	cps
Sodium	23-2	87124	88707	88486	88106	0.97	cps
Strontium	86-1	212315	216344	217661	215440	1.29	cps
Strontium	88-1	1955945	2002800	1943987	1967577	1.58	cps
Sulfur	34-1	736541	730965	733068	733525	0.38	cps
Terbium	159-1	22636898	22710625	22613435	22653652	0.22	cps
Terbium	159-2	6722533	6749414	6634429	6702125	0.90	cps
Thallium	203-1	1709524	1668931	1742230	1706895	2.15	cps
Thallium	205-1	4182837	4089284	4110566	4127562	1.19	cps
Tin	118-1	3464	3150	3434	3349	5.16	cps
Titanium	47-1	693	700	697	697	0.48	cps
Uranium	238-1	37	27	33	32	15.80	cps

Reviewed By:kareem
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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	Q1245-02DLX2	Instrumnet Name :	P8
Client Sample ID :	A6312	Dilution Factor :	2
Date & Time Acquired :	2025-02-10 18:20:28	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	118075	118314	118277	118222	0.11	cps
Ytterbium	172-1	130	113	137	127	9.49	cps
Ytterbium	172-2	53	40	50	48	14.52	cps
Ytterbium	176-1	2180	2074	2090	2115	2.71	cps
Ytterbium	176-2	287	357	373	339	13.57	cps
Yttrium	89-1	29800956	29127619	28746800	29225125	1.83	cps
Yttrium	89-2	1884380	1852821	1839544	1858915	1.24	cps
Zinc	66-2	358800	357613	358046	358153	0.17	cps
Zirconium	90-1	987	1067	1023	1026	3.91	cps
Zirconium	91-1	730	710	723	721	1.41	cps

Reviewed By:kareem
On:2/11/2025 5:08:19 PM
Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:23:47	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3472119	3467331	3491057	3476836	0.36	cps
Antimony	121-1	8352566	8579919	8376680	8436388	1.48	cps
Arsenic	75-2	153688	155423	154829	154647	0.57	cps
Barium	135-1	10439937	10471703	10380580	10430740	0.44	cps
Barium	137-1	18217013	17925528	17761508	17968017	1.28	cps
Beryllium	9-1	2798234	2799789	2793570	2797198	0.12	cps
Bismuth	209-1	12409108	12597752	12511248	12506036	0.76	cps
Bismuth	209-2	4646388	4621532	4592024	4619981	0.59	cps
Bromine	81-1	6138	5825	6271	6078	3.77	cps
Cadmium	108-1	165315	167268	166985	166523	0.63	cps
Cadmium	106-1	236979	239057	238473	238169	0.45	cps
Cadmium	111-1	2100554	2102393	2070535	2091161	0.86	cps
Calcium	43-1	13802412	13840141	13901657	13848070	0.36	cps
Calcium	44-1	227922663	224925897	225159470	226002677	0.74	cps
Carbon	12-1	4726016	4875578	5005556	4869050	2.87	cps
Carbon	12-2	39787	40165	39302	39751	1.09	cps
Chlorine	35-1	434446	430403	421873	428907	1.50	cps
Chlorine	35-2	1750	1587	1663	1667	4.90	cps
Chromium	52-2	1757359	1771355	1803389	1777368	1.33	cps
Cobalt	59-2	3262641	3284082	3311288	3286004	0.74	cps
Copper	63-2	24496272	24653972	24475351	24541865	0.40	cps
Dysprosium	156-1	490	490	503	494	1.56	cps
Dysprosium	156-2	110	107	133	117	12.46	cps
Erbium	164-1	490	383	443	439	12.18	cps
Erbium	164-2	157	157	153	156	1.24	cps
Gadolinium	160-1	447	420	430	432	3.12	cps
Gadolinium	160-2	197	133	170	167	19.08	cps
Holmium	165-1	21408262	20947255	21141881	21165799	1.09	cps
Holmium	165-2	6752315	6750117	6733492	6745308	0.15	cps
Indium	115-1	15269746	15132774	15300170	15234230	0.59	cps
Indium	115-2	1322034	1321976	1332816	1325609	0.47	cps
Iron	54-2	17562055	17834632	18060016	17818901	1.40	cps
Iron	56-2	326345222	329445175	329012162	328267520	0.51	cps
Iron	57-2	8144716	8312030	8161629	8206125	1.12	cps
Krypton	83-1	340	297	310	316	7.03	cps
Lead	206-1	34411038	34945984	34421429	34592817	0.88	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:23:47	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	29741438	29737275	30095575	29858096	0.69	cps
Lead	208-1	137259678	138095950	138625477	137993702	0.50	cps
Lithium	6-1	7797025	7764890	7638436	7733450	1.08	cps
Magnesium	24-2	62843471	61942859	62418624	62401651	0.72	cps
Manganese	55-2	6981977	7138954	7143567	7088166	1.30	cps
Molybdenum	94-1	29975795	29636972	29365400	29659389	1.03	cps
Molybdenum	95-1	42886169	42954384	42705470	42848674	0.30	cps
Molybdenum	96-1	47195506	47146191	47138294	47159997	0.07	cps
Molybdenum	97-1	26730390	26545687	26345106	26540395	0.73	cps
Molybdenum	98-1	70039666	69268251	69603829	69637248	0.56	cps
Neodymium	150-1	823	837	840	833	1.06	cps
Neodymium	150-2	57	50	57	54	7.07	cps
Nickel	60-2	845271	855572	851335	850726	0.61	cps
Phosphorus	31-2	31611	31411	31751	31591	0.54	cps
Potassium	39-2	16590882	16529774	16626760	16582472	0.30	cps
Rhodium	103-1	13748069	13565032	13572331	13628477	0.76	cps
Rhodium	103-2	5088293	5140381	5111502	5113392	0.51	cps
Scandium	45-1	10982919	10939313	10860537	10927590	0.57	cps
Scandium	45-2	198433	198265	200272	198990	0.56	cps
Selenium	82-1	120336	122602	122189	121709	0.99	cps
Selenium	77-2	1880	1883	1997	1920	3.46	cps
Selenium	78-2	6675	6555	6331	6520	2.67	cps
Silicon	28-1	7255438	7264634	7374761	7298278	0.91	cps
Silver	107-1	10227067	10335182	10149075	10237108	0.91	cps
Silver	109-1	9776289	9718803	9652559	9715884	0.64	cps
Sodium	23-2	124354508	125562155	124054275	124656979	0.64	cps
Strontium	86-1	2729278	2770348	2741584	2747070	0.77	cps
Strontium	88-1	23555218	23845783	23506740	23635914	0.78	cps
Sulfur	34-1	1535511	1503356	1494720	1511196	1.42	cps
Terbium	159-1	21501606	21508805	21623202	21544537	0.32	cps
Terbium	159-2	6351722	6444024	6548771	6448172	1.53	cps
Thallium	203-1	8516474	8595851	8596398	8569574	0.54	cps
Thallium	205-1	20126966	20494878	20185484	20269109	0.98	cps
Tin	118-1	6709210	6848063	6811877	6789717	1.06	cps
Titanium	47-1	13038756	13096969	13010152	13048626	0.34	cps
Uranium	238-1	29396273	29378094	29415439	29396602	0.06	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:23:47	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1396751	1424120	1431699	1417524	1.30	cps
Ytterbium	172-1	557	557	623	579	6.65	cps
Ytterbium	172-2	263	193	240	232	15.35	cps
Ytterbium	176-1	43037	43585	43775	43466	0.88	cps
Ytterbium	176-2	13537	13397	13227	13387	1.16	cps
Yttrium	89-1	27684225	27157692	27331224	27391047	0.98	cps
Yttrium	89-2	1832804	1788650	1850489	1823981	1.75	cps
Zinc	66-2	2686234	2701206	2682629	2690023	0.37	cps
Zirconium	90-1	15041449	14827136	14927563	14932049	0.72	cps
Zirconium	91-1	3347647	3374662	3336305	3352872	0.59	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:26:35	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	103	200	140	37.42	cps
Antimony	121-1	2860	2880	2547	2763	6.77	cps
Arsenic	75-2	3	7	10	7	50.03	cps
Barium	135-1	447	497	417	453	8.91	cps
Barium	137-1	1023	857	770	883	14.58	cps
Beryllium	9-1	1376	1256	1292	1308	4.70	cps
Bismuth	209-1	14637486	14223473	14183680	14348213	1.75	cps
Bismuth	209-2	5229707	5378430	5255805	5287980	1.50	cps
Bromine	81-1	5878	6048	6081	6002	1.82	cps
Cadmium	108-1	43	77	43	54	35.36	cps
Cadmium	106-1	8052	8213	8243	8169	1.25	cps
Cadmium	111-1	5780	5835	5846	5820	0.61	cps
Calcium	43-1	800	650	570	673	17.34	cps
Calcium	44-1	31889	29667	29454	30337	4.45	cps
Carbon	12-1	3507727	3478901	3386396	3457674	1.83	cps
Carbon	12-2	22077	21846	21593	21839	1.11	cps
Chlorine	35-1	380559	373446	371997	375334	1.22	cps
Chlorine	35-2	1420	1353	1263	1346	5.84	cps
Chromium	52-2	743	830	773	782	5.63	cps
Cobalt	59-2	220	200	273	231	16.40	cps
Copper	63-2	3457	3200	3130	3263	5.27	cps
Dysprosium	156-1	33	13	17	21	50.75	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	123	73	103	100	25.17	cps
Erbium	164-2	30	7	33	23	62.26	cps
Gadolinium	160-1	87	113	133	111	21.07	cps
Gadolinium	160-2	23	23	13	20	28.87	cps
Holmium	165-1	21957224	21896212	22118974	21990803	0.52	cps
Holmium	165-2	6975249	7026360	6936366	6979325	0.65	cps
Indium	115-1	17158559	16623272	16762948	16848260	1.65	cps
Indium	115-2	1471470	1482081	1487673	1480408	0.56	cps
Iron	54-2	773	823	750	782	4.79	cps
Iron	56-2	11261	11585	11195	11347	1.84	cps
Iron	57-2	347	243	337	309	18.45	cps
Krypton	83-1	293	257	287	279	7.00	cps
Lead	206-1	4964	4611	4184	4586	8.52	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:26:35	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4327	3807	3697	3944	8.53	cps
Lead	208-1	20407	18242	16935	18528	9.46	cps
Lithium	6-1	8509953	8559857	8511268	8527026	0.33	cps
Magnesium	24-2	2964	3007	2860	2944	2.56	cps
Manganese	55-2	327	307	340	324	5.17	cps
Molybdenum	94-1	1543	1460	1263	1422	10.11	cps
Molybdenum	95-1	1833	1453	1563	1617	12.10	cps
Molybdenum	96-1	2150	1857	1723	1910	11.43	cps
Molybdenum	97-1	1400	870	830	1033	30.79	cps
Molybdenum	98-1	3194	2624	2324	2714	16.29	cps
Neodymium	150-1	23	0	3	9	142.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	933	887	863	894	3.98	cps
Phosphorus	31-2	87	60	73	73	18.18	cps
Potassium	39-2	13196	13720	13233	13383	2.19	cps
Rhodium	103-1	16015636	15865133	15896781	15925850	0.50	cps
Rhodium	103-2	5898060	5986309	5862670	5915680	1.08	cps
Scandium	45-1	11536153	11658606	11670297	11621686	0.64	cps
Scandium	45-2	205750	208716	207239	207235	0.72	cps
Selenium	82-1	13	113	17	48	118.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	10	7	8	24.71	cps
Silicon	28-1	573387	566678	561613	567226	1.04	cps
Silver	107-1	1593	1480	1447	1507	5.10	cps
Silver	109-1	1540	1220	1110	1290	17.32	cps
Sodium	23-2	97187	96362	96231	96593	0.54	cps
Strontium	86-1	617	597	653	622	4.62	cps
Strontium	88-1	1863	1750	1803	1806	3.14	cps
Sulfur	34-1	754340	756057	762499	757632	0.57	cps
Terbium	159-1	22771930	22399272	22453052	22541418	0.89	cps
Terbium	159-2	6843284	6788849	6860091	6830741	0.55	cps
Thallium	203-1	1387	1213	1167	1256	9.23	cps
Thallium	205-1	3127	2997	2700	2941	7.44	cps
Tin	118-1	3844	3597	3597	3679	3.87	cps
Titanium	47-1	1157	1020	963	1047	9.50	cps
Uranium	238-1	927	677	570	724	25.27	cps

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Inst Id :P8

LB Number :	LB134662	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2025-02-10 18:26:35	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	27	30	33	26.45	cps
Ytterbium	172-1	147	133	133	138	5.59	cps
Ytterbium	172-2	40	47	53	47	14.28	cps
Ytterbium	176-1	2070	2030	2234	2111	5.10	cps
Ytterbium	176-2	250	287	293	277	8.43	cps
Yttrium	89-1	29370225	29584020	29663082	29539109	0.51	cps
Yttrium	89-2	1896071	1926557	1932685	1918438	1.02	cps
Zinc	66-2	377	257	353	329	19.35	cps
Zirconium	90-1	1643	1477	1453	1525	6.80	cps
Zirconium	91-1	383	313	350	349	10.04	cps