Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

Calibration for 006CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8013125 MS.b\
Analysis File: P8013125 MS.batch.bin
DA Date-Time: 2025-02-06 01:14:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-31 14:42:59
2	005CALS.d	S02	2025-01-31 14:46:22
3	006CALB.d	S03	2025-01-31 14:49:47
4	007CALS.d	S04	2025-01-31 14:53:03
5	008CALS.d	S05	2025-01-31 14:56:10
6	009CALS.d	S06	2025-01-31 14:59:09
7	012CALS.d	S07	2025-01-31 15:17:19
8	013CALS.d	S08	2025-01-31 15:20:05

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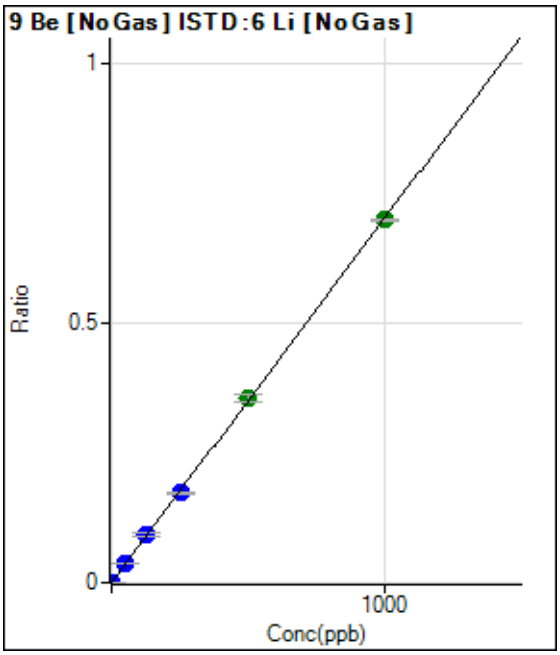


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.06	0.0001	P	6.2
2	☐	1.000	1.087	3010.77	0.0008	P	1.7
3	☐	50.000	51.004	134320.12	0.0359	P	0.8
4	☐	125.000	131.667	335464.42	0.0926	P	4.7
5	☐	250.000	246.304	669415.15	0.1731	P	2.2
6	☐	500.000	507.955	1389374.70	0.3570	A	4.2
7	☐	1000.000	996.063	2660487.37	0.6999	A	0.7
8	☐			763.26	0.0002	P	9.1

y = 7.0266E-004 * x + 5.2261E-005

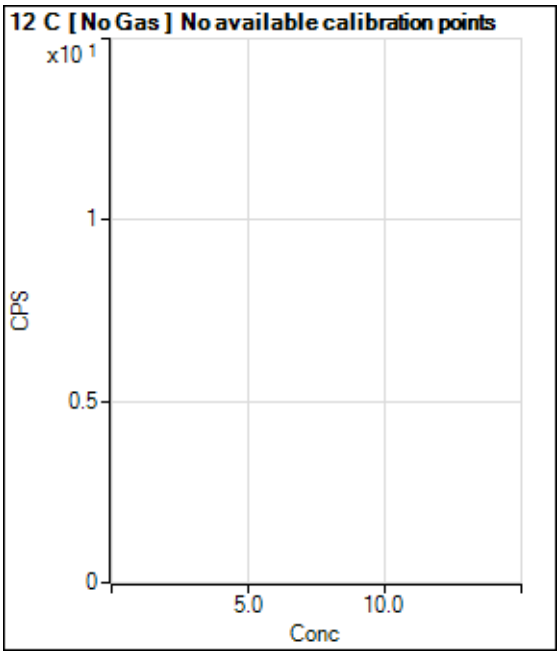
R = 0.9999

DL = 0.01388

BEC = 0.07438

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐			1394113.17		A	0.9
3	☐			1571464.98		A	2.1
4	☐			1593341.43		A	0.5
5	☐			1646556.89		A	1.9
6	☐			1770825.37		A	2.1
7	☐			2000495.11		A	3.9
8	☐			1689745.41		A	1.7

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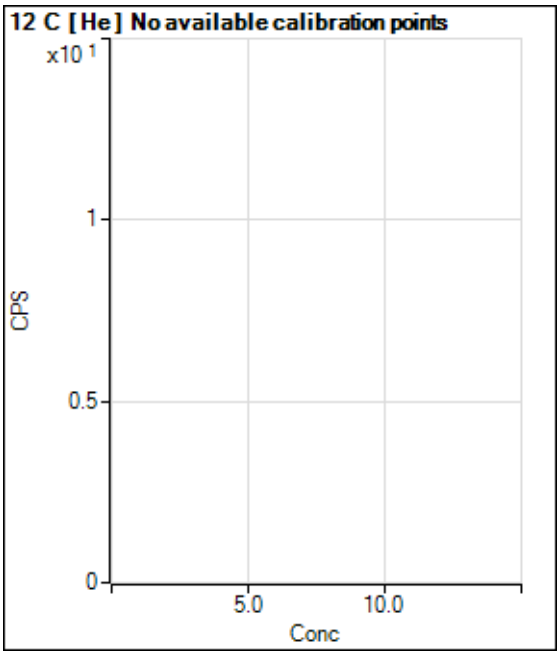
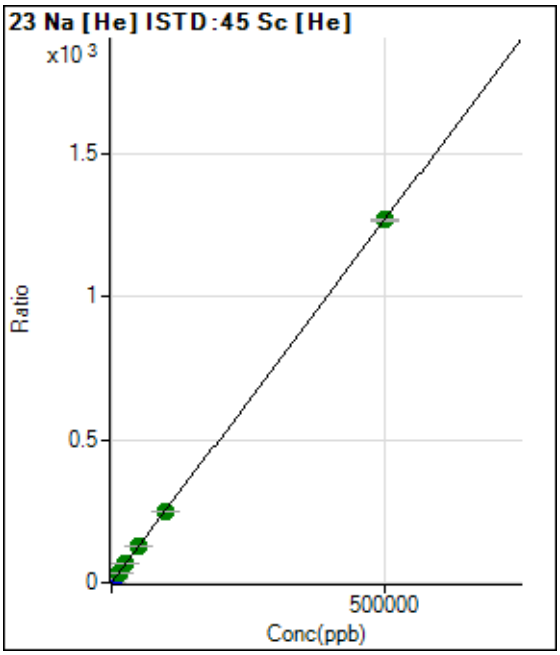


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8551.44		P	2.3
2	☐			9085.10		P	1.3
3	☐			10497.16		P	2.1
4	☐			10721.78		P	1.5
5	☐			11096.49		P	1.2
6	☐			12775.62		P	4.2
7	☐			15179.04		P	1.4
8	☐			13498.49		P	1.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7737.67	0.1060	P	4.6
2	☐	500.000	504.153	102107.19	1.3826	P	2.6
3	☐	5000.000	5010.909	938308.07	12.7943	P	0.6
4	☐	12500.000	12811.669	2434392.88	32.5468	A	0.8
5	☐	25000.000	25933.448	4976239.37	65.7728	A	0.3
6	☐	50000.000	49304.250	9947115.62	124.9507	A	0.2
7	☐	100000.00	98677.651	20018176.23	249.9705	A	0.5
8	☐	500000.00	500279.46	78095339.39	1,266.877	A	0.6

y = 0.0025 * x + 0.1060
R = 1.0000
DL = 5.741
BEC = 41.87

Weight: <None>
Min Conc: 0

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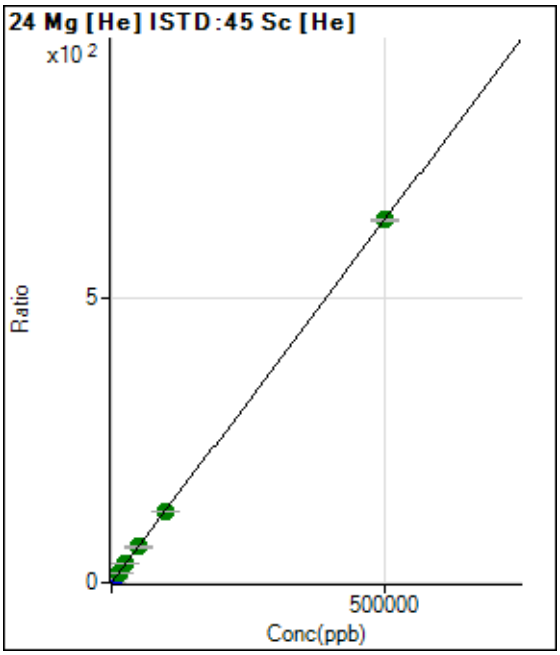

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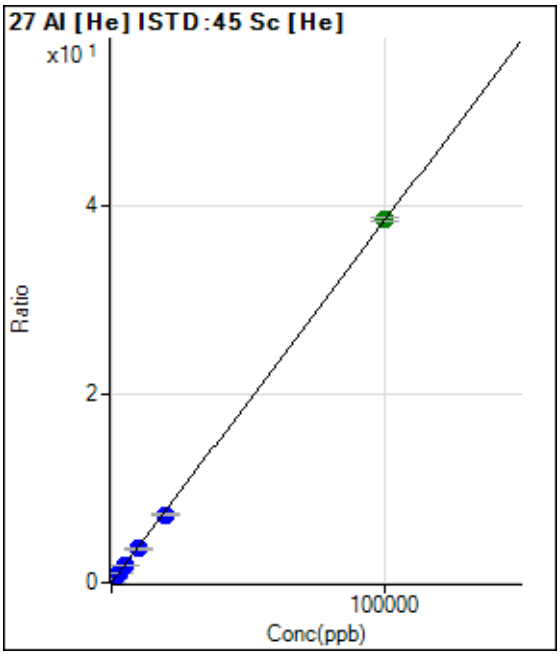
1	☐	0.000	0.000	588.91	0.0081	P	11.6
2	☐	500.000	523.816	49979.71	0.6766	P	2.0
3	☐	5000.000	5064.485	474659.59	6.4721	P	0.5
4	☐	12500.000	13053.922	1246810.63	16.6694	A	0.9
5	☐	25000.000	26226.695	2533200.82	33.4825	A	0.4
6	☐	50000.000	49295.483	5009446.84	62.9263	A	1.1
7	☐	100000.00	98161.619	10034016.93	125.2966	A	0.5
8	☐	500000.00	500362.27	39366661.08	638.6452	A	0.5

y = 0.0013 * x + 0.0081
R = 1.0000
DL = 2.199
BEC = 6.321

Weight: <None>
Min Conc: 0



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2	☐	20.000	20.302	607.80	0.0082	P	13.8
3	☐	1000.000	978.772	27567.28	0.3759	P	0.7
4	☐	2500.000	2439.850	70038.50	0.9364	P	0.3
5	☐	5000.000	4875.034	141523.61	1.8706	P	0.9
6	☐	10000.000	9341.955	285325.86	3.5842	P	1.2
7	☐	20000.000	18815.371	578061.89	7.2184	P	0.7
8	☐	100000.00	100310.69	2372112.67	38.4817	A	1.1

y = 3.8362E-004 * x + 4.1136E-004
R = 0.9999
DL = 1.569
BEC = 1.072

Weight: <None>
Min Conc: 0

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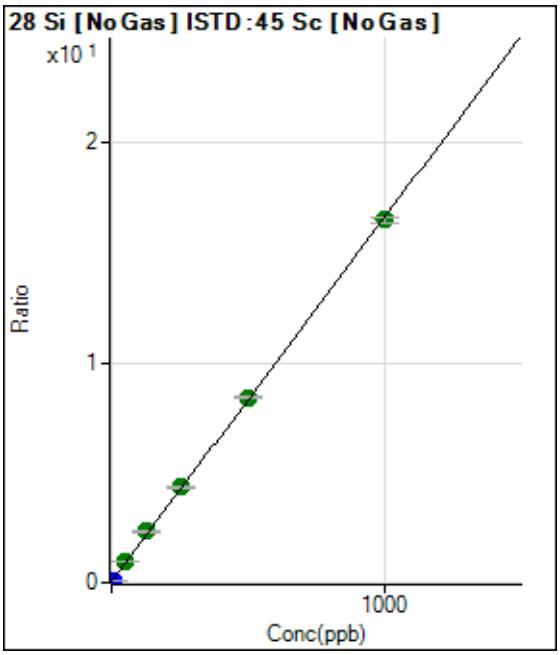
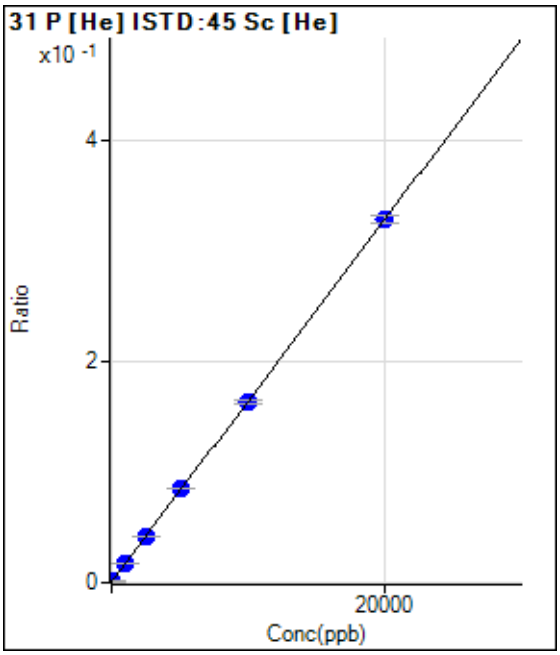


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212218.36	0.0488	P	0.1
2	☐	10.000	0.536	248610.00	0.0576	P	1.1
3	☐	50.000	52.916	4025006.75	0.9256	A	0.9
4	☐	125.000	137.816	9799858.12	2.3324	A	4.0
5	☐	250.000	259.307	19518730.82	4.3456	A	1.4
6	☐	500.000	505.080	38976808.59	8.4181	A	0.9
7	☐	1000.000	993.480	76093831.09	16.5110	A	1.3
8	☐			290851.72	0.0741	P	4.3

y = 0.0166 * x + 0.0488
R = 0.9998
DL = 0.01293
BEC = 2.943

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.911	37.78	0.0005	P	22.1
2	☐	0.000	10.911	64.45	0.0009	P	22.1
3	☐	1000.000	1001.940	1253.40	0.0171	P	6.2
4	☐	2500.000	2516.602	3131.48	0.0419	P	2.8
5	☐	5000.000	5150.137	6427.03	0.0850	P	1.0
6	☐	10000.000	9923.406	12979.23	0.1630	P	1.5
7	☐	20000.000	19998.591	26257.15	0.3279	P	2.0
8	☐			30.00	0.0005	P	32.5

y = 1.6360E-005 * x + 6.9604E-004
R = 1.0000
DL = 28.23
BEC = 42.55

Weight: <None>
Min Conc: 0

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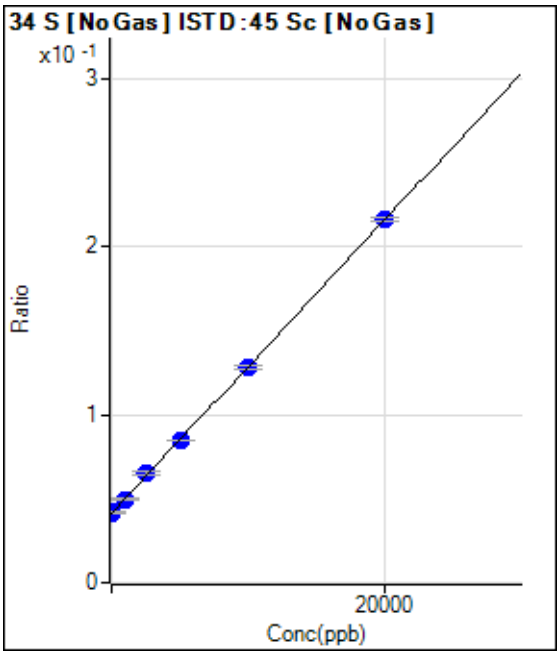
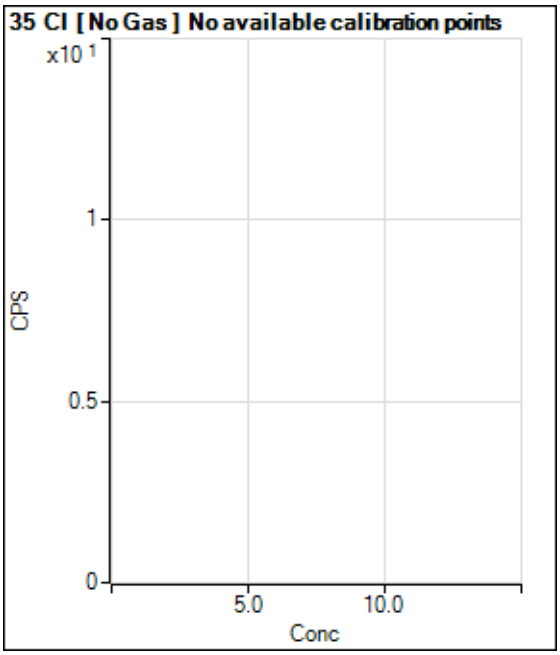


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-62.706	177395.15	0.0408	P	0.8
2	☐	0.000	62.706	180544.31	0.0419	P	0.9
3	☐	1000.000	948.412	215597.18	0.0496	P	0.8
4	☐	2500.000	2774.440	275215.61	0.0655	P	4.0
5	☐	5000.000	4961.766	379897.44	0.0846	P	1.1
6	☐	10000.000	9967.912	593706.40	0.1282	P	1.9
7	☐	20000.000	19993.877	993994.93	0.2157	P	1.1
8	☐			163320.87	0.0416	P	0.6

y = 8.7204E-006 * x + 0.0413
R = 0.9999
DL = 122.1
BEC = 4737

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			42479.93		P	1.7
2	☐			43095.08		P	1.0
3	☐			44677.59		P	0.3
4	☐			45520.16		P	1.4
5	☐			47489.80		P	0.6
6	☐			54137.47		P	2.2
7	☐			64035.29		P	3.9
8	☐			43032.70		P	3.3

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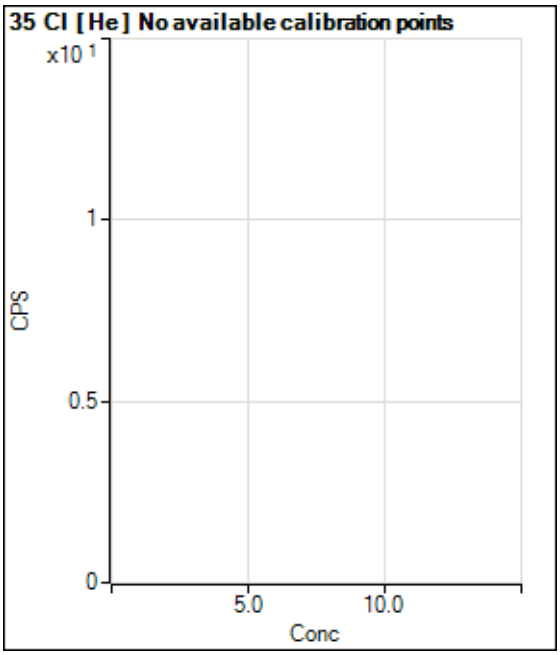

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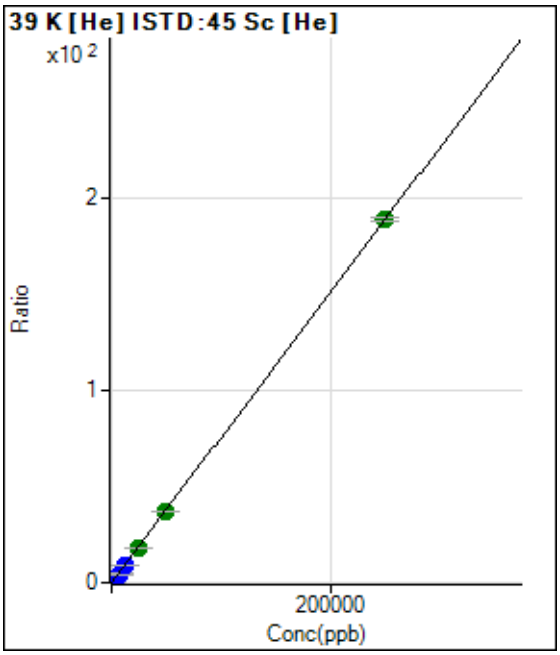
1	☐			143.34		P	15.2
2	☐			164.45		P	3.1
3	☐			167.78		P	25.9
4	☐			176.67		P	5.0
5	☐			207.78		P	23.8
6	☐			233.34		P	15.5
7	☐			258.90		P	8.4
8	☐			178.89		P	10.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2769.18	0.0379	P	2.6
2	☐	500.000	491.855	30193.86	0.4089	P	3.4
3	☐	2500.000	2374.357	134114.58	1.8287	P	0.4
4	☐	6250.000	5915.949	336570.06	4.4998	P	0.5
5	☐	12500.000	11980.772	686521.01	9.0740	P	0.3
6	☐	25000.000	24090.587	1449425.10	18.2074	A	1.3
7	☐	50000.000	48751.849	2947563.19	36.8072	A	0.5
8	☐	250000.00	250376.15	11642528.30	188.8749	A	1.1

y = 7.5421E-004 * x + 0.0379
R = 1.0000
DL = 3.858
BEC = 50.3

Weight: <None>
Min Conc: 0

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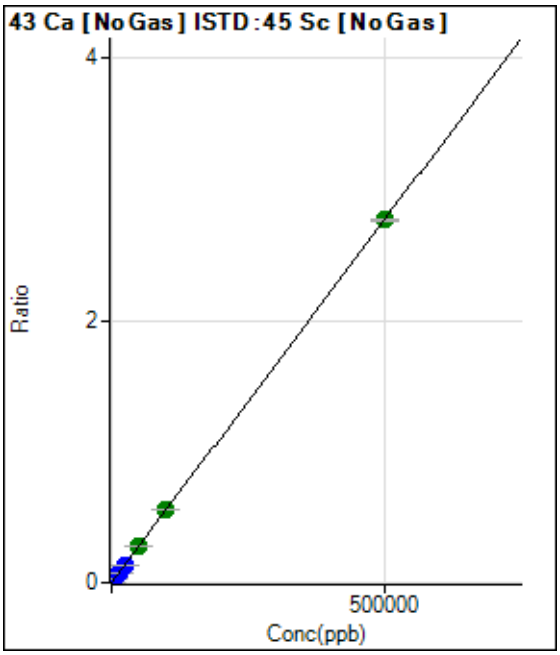

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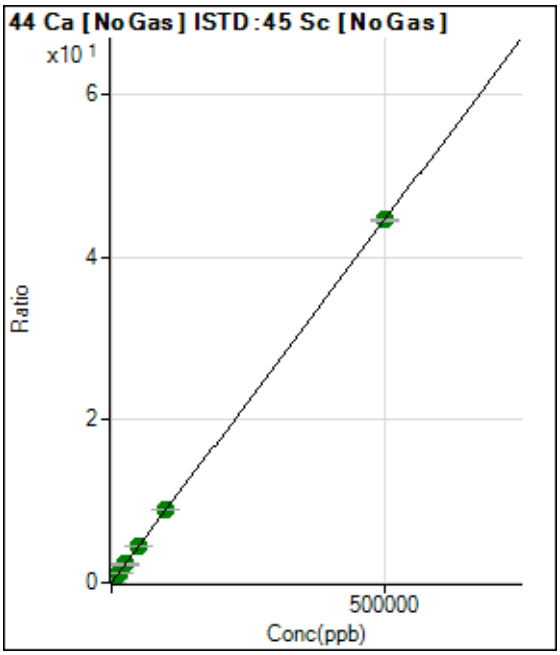
1	☐	0.000	0.000	238.89	0.0001	P	4.3
2	☐	500.000	543.791	13207.25	0.0031	P	0.3
3	☐	5000.000	5054.632	121779.43	0.0280	P	0.5
4	☐	12500.000	13110.066	304834.33	0.0725	P	3.7
5	☐	25000.000	24802.415	616233.15	0.1372	P	1.7
6	☐	50000.000	49876.492	1277078.00	0.2758	A	2.5
7	☐	100000.00	100329.53	2557217.05	0.5548	A	0.9
8	☐	500000.00	499940.48	10850003.03	2.7644	A	0.3

y = 5.5294E-006 * x + 5.4903E-005
R = 1.0000
DL = 1.285
BEC = 9.929

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3724.96	0.0009	P	1.9
2	☐	500.000	536.874	210173.87	0.0487	P	1.3
3	☐	5000.000	5187.788	2015145.21	0.4634	A	0.9
4	☐	12500.000	13319.895	4993014.40	1.1885	A	4.3
5	☐	25000.000	25292.039	10132551.17	2.2559	A	2.0
6	☐	50000.000	49512.007	20443184.70	4.4153	A	1.7
7	☐	100000.00	99806.861	41017978.28	8.8996	A	0.7
8	☐	500000.00	500050.41	174992757.3	44.5851	A	0.5

y = 8.9160E-005 * x + 8.5591E-004
R = 1.0000
DL = 0.5468
BEC = 9.6

Weight: <None>
Min Conc: 0

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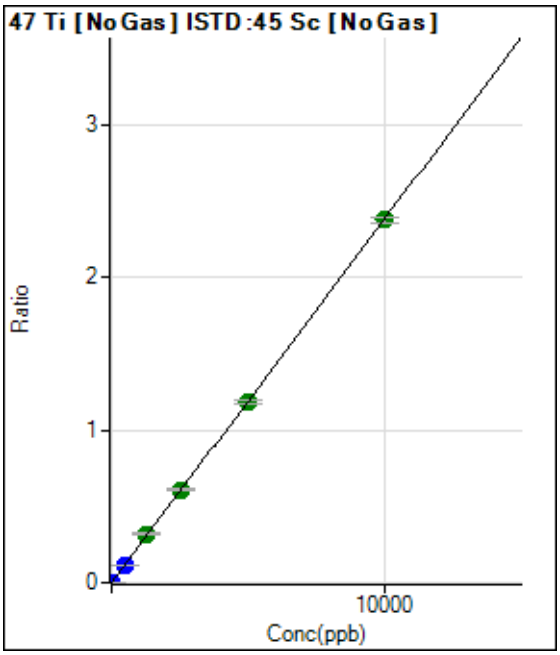

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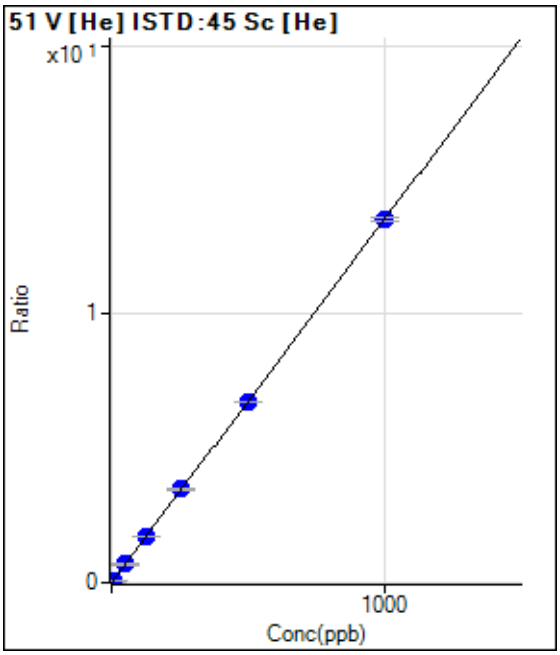
1	☐	0.000	0.000	74.44	0.0000	P	7.7
2	☐	5.000	5.386	5610.04	0.0013	P	0.5
3	☐	500.000	496.020	514043.27	0.1182	P	0.3
4	☐	1250.000	1347.212	1348464.58	0.3210	A	4.9
5	☐	2500.000	2561.846	2741878.61	0.6104	A	1.1
6	☐	5000.000	4985.573	5499974.09	1.1879	A	1.9
7	☐	10000.000	9979.800	10959780.39	2.3779	A	1.4
8	☐			3708.30	0.0009	P	2.8

y = 2.3827E-004 * x + 1.7112E-005
R = 0.9999
DL = 0.01662
BEC = 0.07182

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	0.3
2	☐	5.000	5.100	5103.17	0.0691	P	2.1
3	☐	50.000	50.373	50001.43	0.6818	P	0.6
4	☐	125.000	126.526	128082.23	1.7124	P	0.5
5	☐	250.000	256.940	263082.70	3.4774	P	1.1
6	☐	500.000	498.038	536580.76	6.7404	P	0.9
7	☐	1000.000	999.036	1082752.71	13.5207	P	1.0
8	☐			240.00	0.0039	P	9.7

y = 0.0135 * x + 4.5619E-005
R = 1.0000
DL = 2.925E-05
BEC = 0.003371

Weight: <None>
Min Conc: 0

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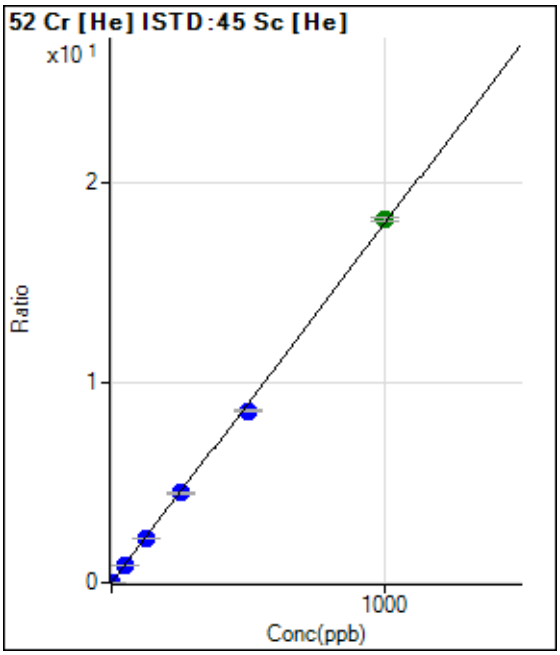
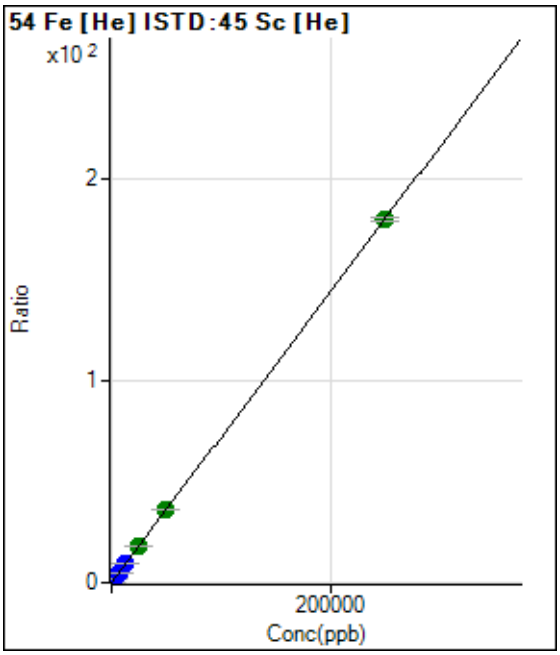


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.78	0.0041	P	6.4
2	☐	2.000	2.011	2955.89	0.0401	P	8.5
3	☐	50.000	49.843	65741.34	0.8964	P	0.4
4	☐	125.000	123.627	165848.43	2.2173	P	0.8
5	☐	250.000	249.661	338461.84	4.4737	P	0.7
6	☐	500.000	479.048	683062.11	8.5803	P	0.4
7	☐	1000.000	1010.740	1449457.42	18.0990	A	1.2
8	☐			1791.26	0.0290	P	9.6

y = 0.0179 * x + 0.0041
R = 0.9997
DL = 0.04395
BEC = 0.2279

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.67	0.0027	P	7.7
2	☐	50.000	53.734	3048.13	0.0413	P	6.4
3	☐	2500.000	2571.597	135649.69	1.8496	P	0.5
4	☐	6250.000	6357.161	341700.87	4.5684	P	0.6
5	☐	12500.000	12726.945	691759.03	9.1432	P	0.4
6	☐	25000.000	25510.000	1458728.83	18.3240	A	1.1
7	☐	50000.000	50110.730	2882239.78	35.9923	A	1.3
8	☐	250000.00	249912.11	11063284.42	179.4901	A	1.0

y = 7.1820E-004 * x + 0.0027
R = 1.0000
DL = 0.8672
BEC = 3.751

Weight: <None>
Min Conc: 0

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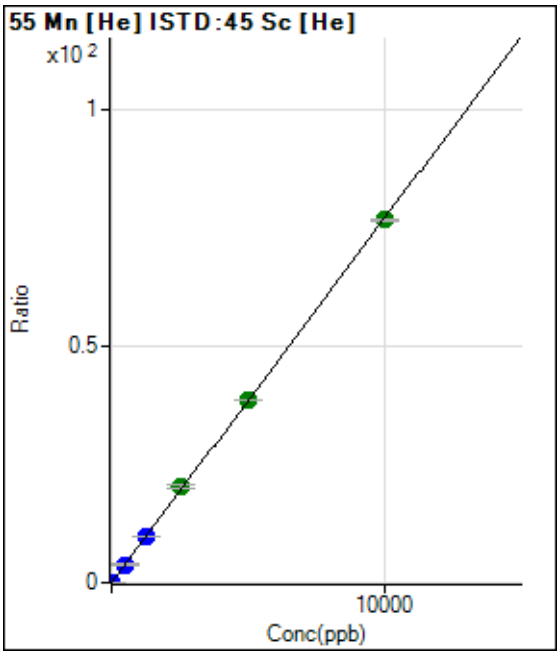
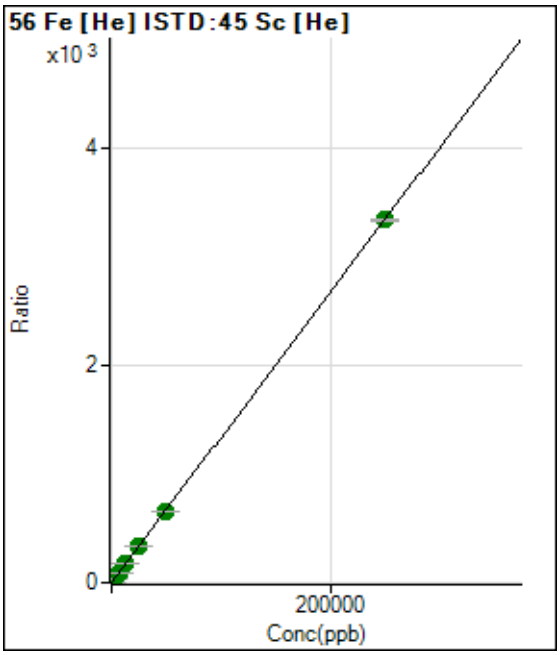


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0017	P	11.3
2	☐	1.000	0.978	683.36	0.0093	P	7.2
3	☐	500.000	501.220	282885.39	3.8573	P	0.8
4	☐	1250.000	1244.755	716314.21	9.5768	P	0.2
5	☐	2500.000	2640.423	1536678.41	20.3128	A	2.4
6	☐	5000.000	5013.736	3070473.04	38.5692	A	0.8
7	☐	10000.000	9958.621	6134774.01	76.6071	A	0.5
8	☐			2159.08	0.0350	P	2.7

y = 0.0077 * x + 0.0017
R = 0.9999
DL = 0.07645
BEC = 0.2256

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3067.03	0.0420	P	7.2
2	☐	50.000	53.613	55902.15	0.7570	P	3.1
3	☐	2500.000	2616.795	2562455.33	34.9400	A	0.4
4	☐	6250.000	6452.469	6439447.19	86.0932	A	1.0
5	☐	12500.000	12902.995	13022401.33	172.1184	A	0.5
6	☐	25000.000	24618.459	26139885.72	328.3576	A	0.7
7	☐	50000.000	49108.567	52451024.22	654.9615	A	0.2
8	☐	250000.00	250190.06	205668052.4	3,336.615	A	0.8

y = 0.0133 * x + 0.0420
R = 1.0000
DL = 0.678
BEC = 3.151

Weight: <None>
Min Conc: 0

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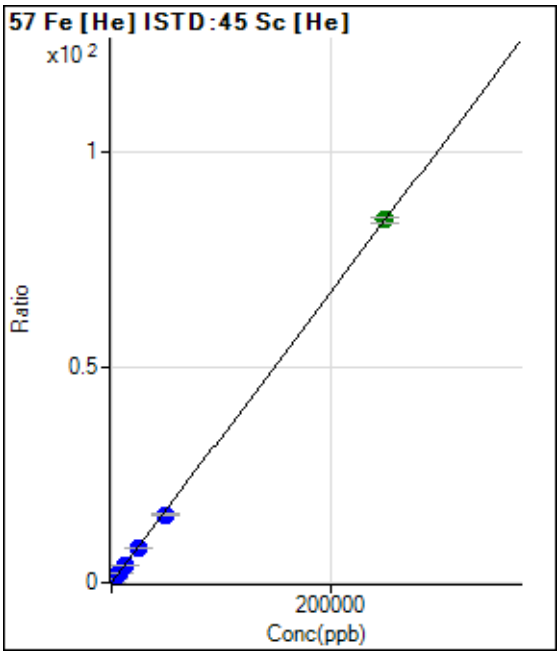
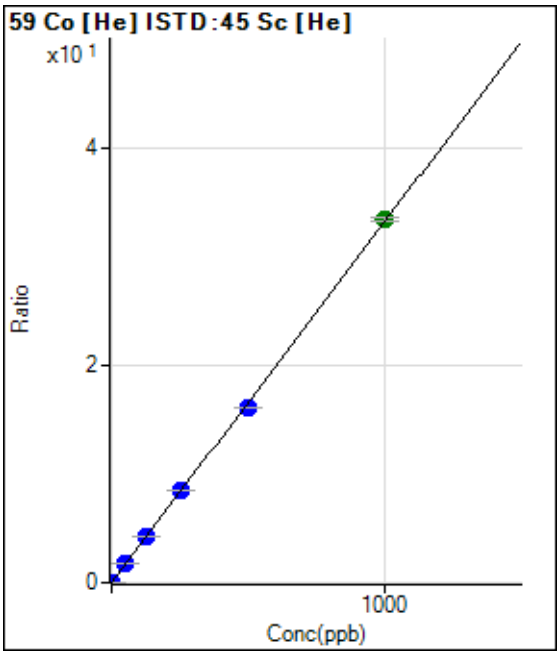


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0011	P	24.0
2	☐	50.000	52.209	1376.75	0.0186	P	1.8
3	☐	2500.000	2525.203	62237.19	0.8486	P	0.6
4	☐	6250.000	6223.735	156320.61	2.0900	P	0.8
5	☐	12500.000	12455.109	316349.86	4.1814	P	0.5
6	☐	25000.000	23853.141	637406.40	8.0068	P	0.6
7	☐	50000.000	47135.525	1266959.62	15.8210	P	0.9
8	☐	250000.00	250690.23	5185526.69	84.1391	A	1.7

y = 3.3563E-004 * x + 0.0011
R = 0.9999
DL = 2.379
BEC = 3.31

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0012	P	19.4
2	☐	1.000	1.114	2822.53	0.0382	P	5.1
3	☐	50.000	51.499	125641.24	1.7132	P	0.5
4	☐	125.000	126.651	314999.14	4.2114	P	0.4
5	☐	250.000	255.481	642619.72	8.4941	P	1.3
6	☐	500.000	485.195	1284105.78	16.1304	P	0.7
7	☐	1000.000	1005.751	2677516.70	33.4351	A	1.0
8	☐			4278.46	0.0694	P	2.1

y = 0.0332 * x + 0.0012
R = 0.9998
DL = 0.02105
BEC = 0.03617

Weight: <None>
Min Conc: 0

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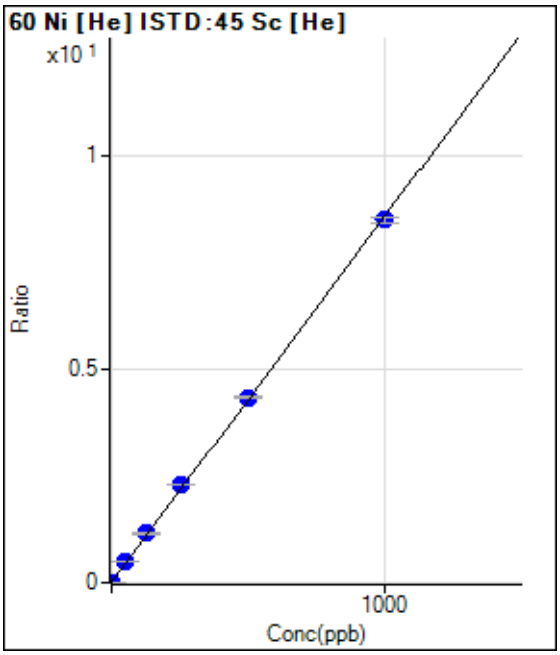
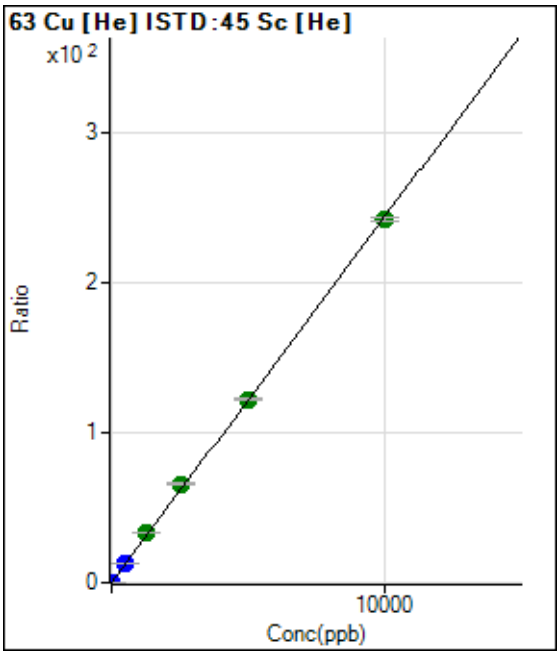


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	513.35	0.0070	P	12.0
2	☐	1.000	1.155	1251.18	0.0169	P	3.2
3	☐	50.000	54.832	34943.93	0.4765	P	0.9
4	☐	125.000	133.755	86176.50	1.1521	P	0.8
5	☐	250.000	267.498	173794.47	2.2972	P	0.7
6	☐	500.000	505.793	345279.47	4.3373	P	0.5
7	☐	1000.000	991.393	680254.60	8.4946	P	1.3
8	☐			1704.57	0.0277	P	4.8

y = 0.0086 * x + 0.0070
R = 0.9998
DL = 0.2962
BEC = 0.8216

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1592.33	0.0218	P	4.6
2	☐	2.000	2.077	5358.83	0.0725	P	1.3
3	☐	500.000	525.125	941941.26	12.8437	P	0.3
4	☐	1250.000	1352.729	2472126.84	33.0512	A	1.0
5	☐	2500.000	2699.402	4988098.01	65.9327	A	1.4
6	☐	5000.000	5021.062	9761572.98	122.6204	A	0.4
7	☐	10000.000	9925.521	19409712.35	242.3718	A	1.1
8	☐			3373.77	0.0547	P	1.6

y = 0.0244 * x + 0.0218
R = 0.9998
DL = 0.1226
BEC = 0.8934

Weight: <None>
Min Conc: 0

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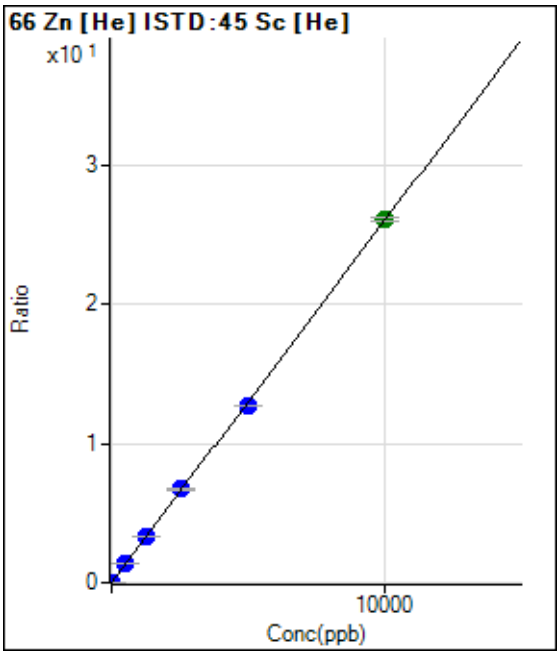
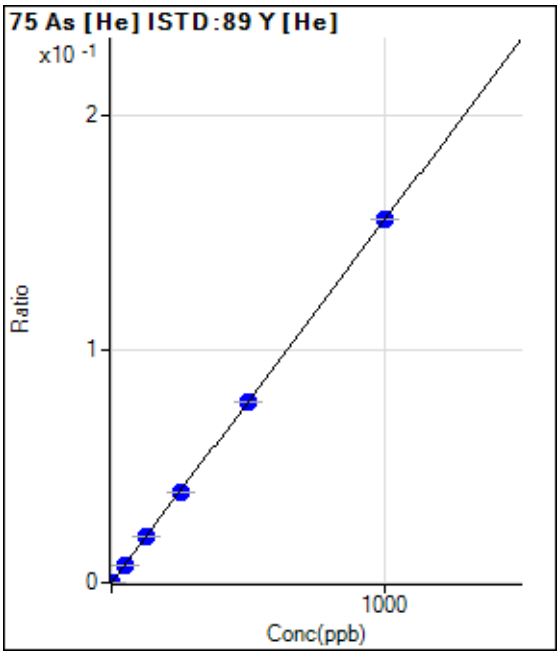


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0023	P	10.4
2	☐	2.000	5.125	1152.28	0.0156	P	7.7
3	☐	500.000	522.901	99926.57	1.3625	P	0.6
4	☐	1250.000	1295.008	252142.83	3.3711	P	0.3
5	☐	2500.000	2584.011	508720.93	6.7242	P	1.1
6	☐	5000.000	4889.494	1012739.94	12.7216	P	0.5
7	☐	10000.000	10027.478	2089060.30	26.0873	A	1.2
8	☐			817.81	0.0133	P	2.1

y = 0.0026 * x + 0.0023
R = 0.9999
DL = 0.2737
BEC = 0.8776

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	44.0
2	☐	1.000	1.183	143.33	0.0002	P	12.5
3	☐	50.000	49.592	5757.90	0.0077	P	2.4
4	☐	125.000	125.898	14817.88	0.0195	P	1.7
5	☐	250.000	250.177	29820.45	0.0388	P	1.4
6	☐	500.000	497.976	60921.91	0.0773	P	0.7
7	☐	1000.000	1000.876	122681.40	0.1554	P	0.1
8	☐			50.00	0.0001	P	10.5

y = 1.5523E-004 * x + 6.0302E-006
R = 1.0000
DL = 0.05124
BEC = 0.03885

Weight: <None>
Min Conc: 0

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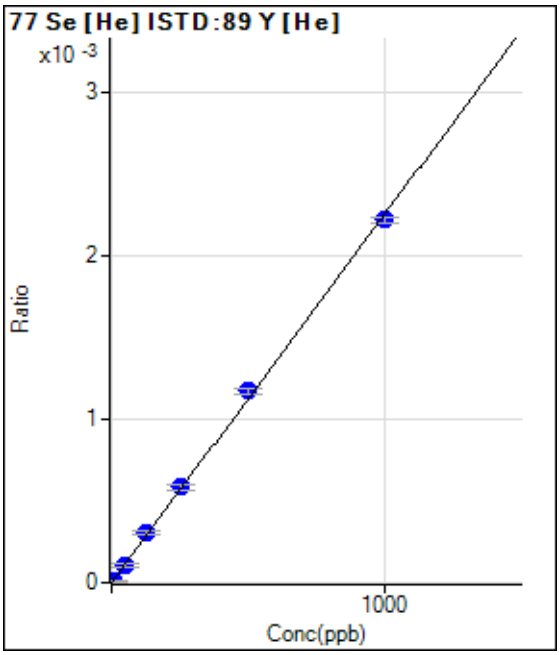
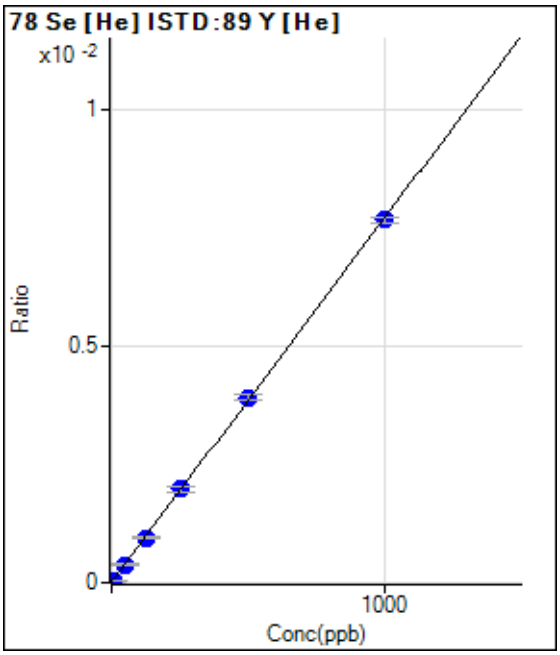


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.971	6.67	0.0000	P	101.
3	☐	50.000	46.785	78.89	0.0001	P	12.5
4	☐	125.000	136.505	233.34	0.0003	P	7.0
5	☐	250.000	259.264	448.90	0.0006	P	4.9
6	☐	500.000	521.378	926.71	0.0012	P	2.7
7	☐	1000.000	985.723	1755.68	0.0022	P	1.9
8	☐			1.11	0.0000	P	173.

y = 2.2556E-006 * x + 0.0000E+000
R = 0.9995
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	42.8
2	☐	5.000	5.111	38.89	0.0001	P	30.7
3	☐	50.000	48.043	285.56	0.0004	P	10.9
4	☐	125.000	121.549	718.92	0.0009	P	2.7
5	☐	250.000	257.038	1530.10	0.0020	P	6.2
6	☐	500.000	507.670	3091.48	0.0039	P	3.1
7	☐	1000.000	994.934	6061.37	0.0077	P	1.7
8	☐			5.56	0.0000	P	33.2

y = 7.7045E-006 * x + 1.2032E-005
R = 0.9999
DL = 2.004
BEC = 1.562

Weight: <None>
Min Conc: 0

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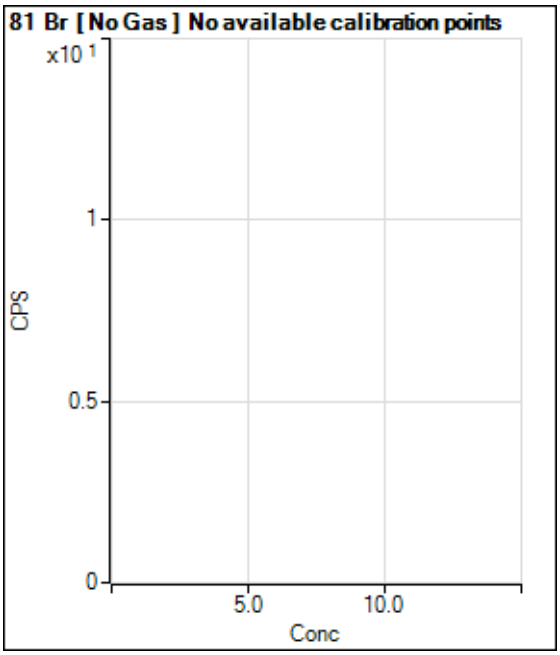
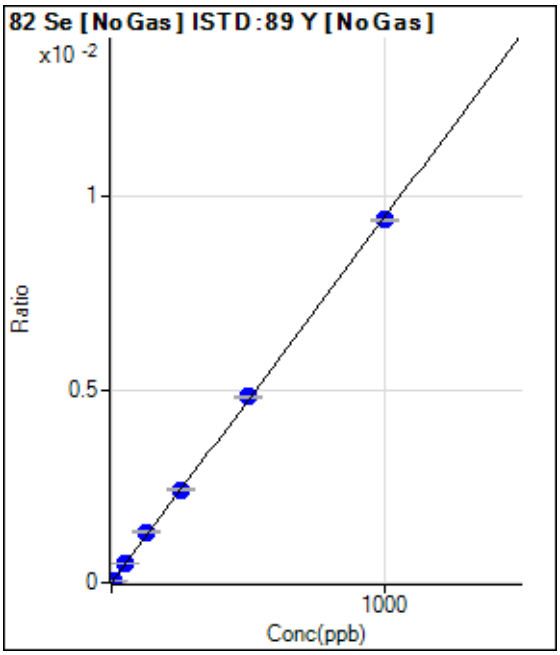


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4206.23		P	2.2
2	☐			4201.79		P	2.0
3	☐			4059.51		P	2.6
4	☐			4268.47		P	5.1
5	☐			4437.41		P	2.8
6	☐			4561.91		P	1.5
7	☐			4438.52		P	3.5
8	☐			4651.93		P	3.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-29.93	0.0000	P	-84.
2	☐	5.000	6.467	646.97	0.0001	P	7.9
3	☐	50.000	52.491	5523.90	0.0005	P	2.3
4	☐	125.000	137.711	14006.52	0.0013	P	4.2
5	☐	250.000	254.769	28004.11	0.0024	P	2.7
6	☐	500.000	507.939	56832.91	0.0048	P	1.7
7	☐	1000.000	993.117	111163.21	0.0094	P	0.7
8	☐			29.05	0.0000	P	64.1

y = 9.4725E-006 * x - 2.6784E-006
R = 0.9999
DL = 0.7205
BEC = -0.2828

Weight: <None>
Min Conc: 0

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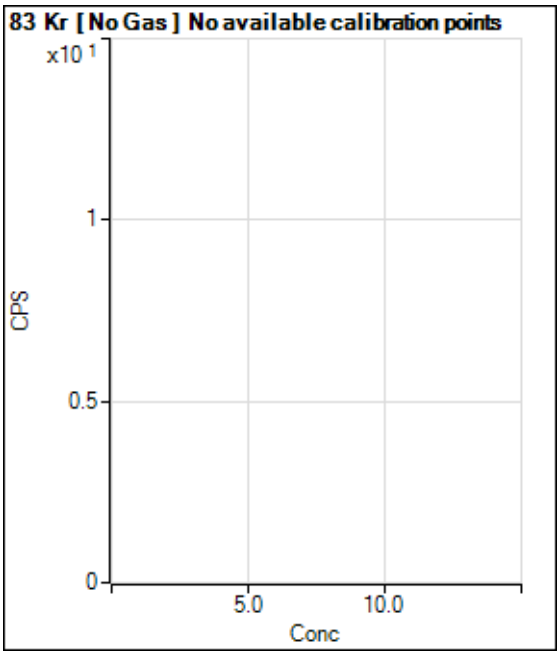
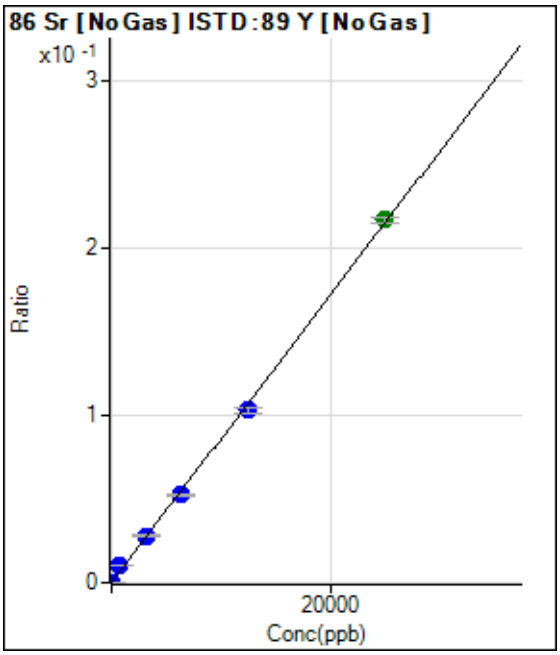


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			108.89		P	12.4
2	☐			78.89		P	10.6
3	☐			86.67		P	51.7
4	☐			108.89		P	7.7
5	☐			90.00		P	11.1
6	☐			101.11		P	12.5
7	☐			105.56		P	13.1
8	☐			164.45		P	20.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.23	0.0000	P	23.9
2	☐	1.000	25.680	2624.72	0.0002	P	5.0
3	☐	625.000	1238.437	118948.06	0.0107	P	1.1
4	☐	3125.000	3245.223	300003.27	0.0279	P	3.7
5	☐	6250.000	6093.089	608060.92	0.0523	P	1.7
6	☐	12500.000	11989.159	1216863.44	0.1030	P	2.6
7	☐	25000.000	25264.284	2564484.79	0.2170	A	1.5
8	☐			6885.09	0.0007	P	3.5

y = 8.5873E-006 * x + 1.7102E-005

R = 0.9993

DL = 1.427

BEC = 1.992

Weight: <None>

Min Conc: 0

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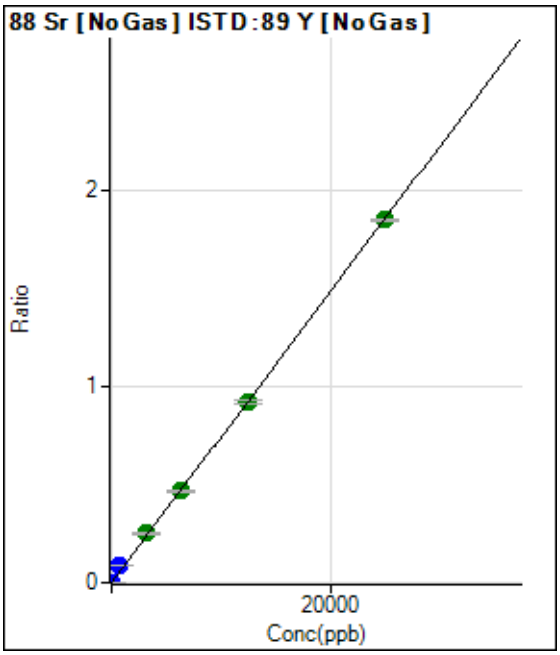
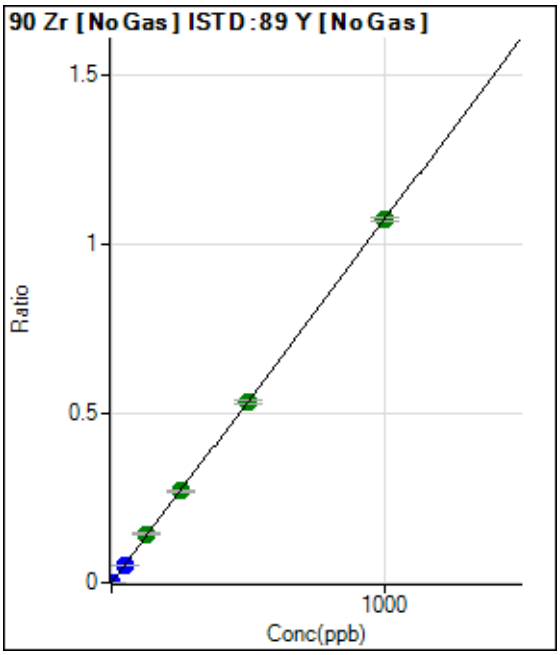


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	442.23	0.0000	P	16.4
2	☐	1.000	24.972	20922.45	0.0019	P	1.7
3	☐	625.000	1243.455	1031634.24	0.0924	P	0.6
4	☐	3125.000	3380.629	2700382.39	0.2511	A	5.1
5	☐	6250.000	6302.284	5437822.42	0.4681	A	1.2
6	☐	12500.000	12446.328	10924433.86	0.9243	A	1.6
7	☐	25000.000	24966.349	21916446.90	1.8541	A	0.5
8	☐			57874.86	0.0057	P	0.6

y = 7.4262E-005 * x + 3.9421E-005
R = 0.9997
DL = 0.2604
BEC = 0.5308

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.23	0.0000	P	15.6
2	☐	1.000	1.026	12515.71	0.0011	P	2.5
3	☐	50.000	48.923	586150.96	0.0525	P	0.8
4	☐	125.000	133.217	1537040.41	0.1429	A	3.9
5	☐	250.000	252.607	3146892.17	0.2709	A	2.2
6	☐	500.000	498.360	6314898.93	0.5344	A	2.8
7	☐	1000.000	999.195	12664238.42	1.0714	A	1.1
8	☐			6343.72	0.0006	P	1.9

y = 0.0011 * x + 3.3184E-005
R = 1.0000
DL = 0.01453
BEC = 0.03095

Weight: <None>
Min Conc: 0

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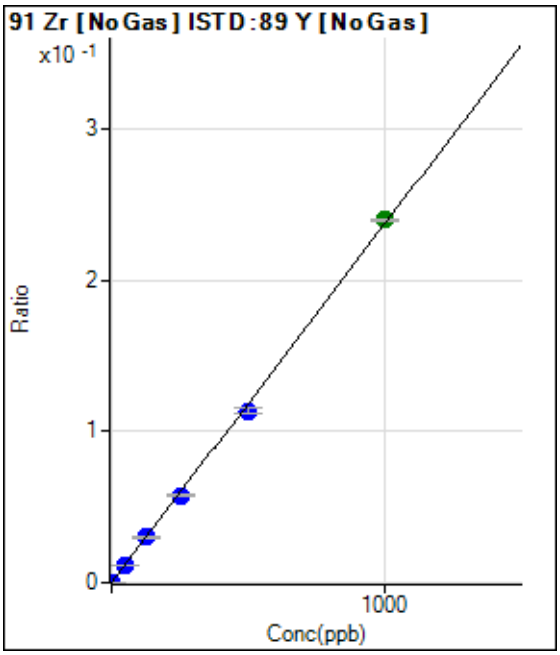
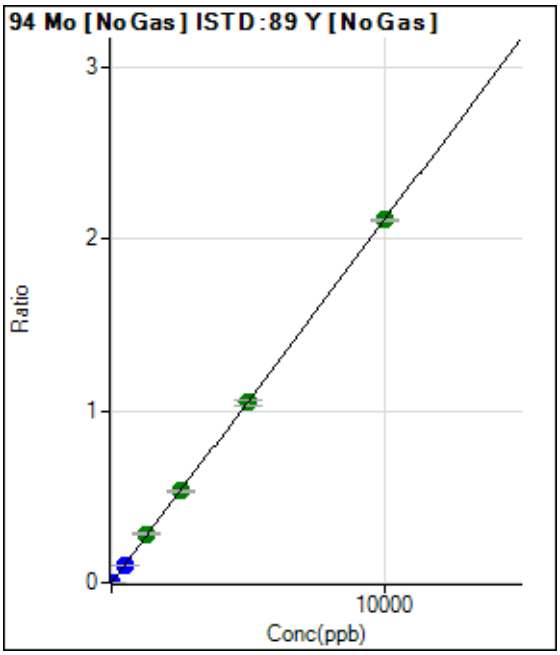


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.34	0.0000	P	33.5
2	☐	1.000	1.044	2808.09	0.0003	P	3.8
3	☐	50.000	49.144	130279.33	0.0117	P	1.4
4	☐	125.000	128.470	327957.49	0.0305	P	4.4
5	☐	250.000	242.479	668462.27	0.0575	P	1.8
6	☐	500.000	478.536	1341798.29	0.1135	P	3.0
7	☐	1000.000	1012.221	2839150.37	0.2402	A	0.9
8	☐			1475.65	0.0001	P	5.0

y = 2.3727E-004 * x + 6.5142E-006
R = 0.9996
DL = 0.02763
BEC = 0.02745

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	206.67	0.0000	P	3.5
2	☐	5.000	6.249	14761.24	0.0013	P	1.2
3	☐	500.000	497.632	1172098.12	0.1050	P	0.5
4	☐	1250.000	1341.223	3043239.09	0.2829	A	3.6
5	☐	2500.000	2532.093	6203609.91	0.5340	A	1.4
6	☐	5000.000	4964.950	12372232.32	1.0470	A	3.3
7	☐	10000.000	9998.217	24922356.57	2.1084	A	0.2
8	☐			5950.24	0.0006	P	12.1

y = 2.1088E-004 * x + 1.8396E-005
R = 0.9999
DL = 0.009176
BEC = 0.08724

Weight: <None>
Min Conc: 0

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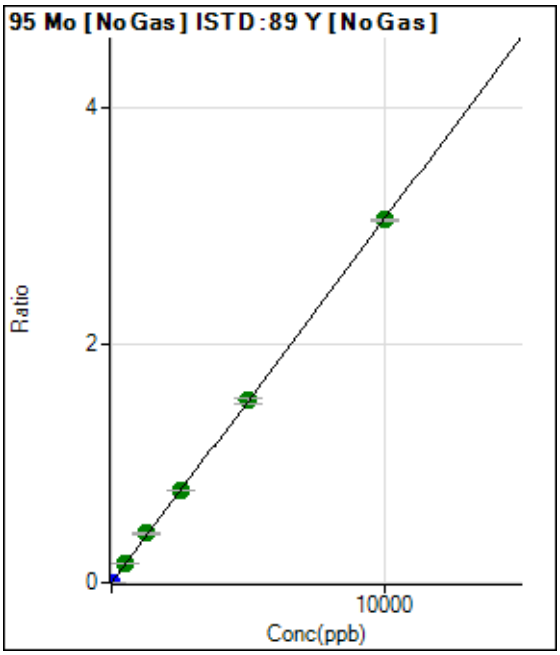
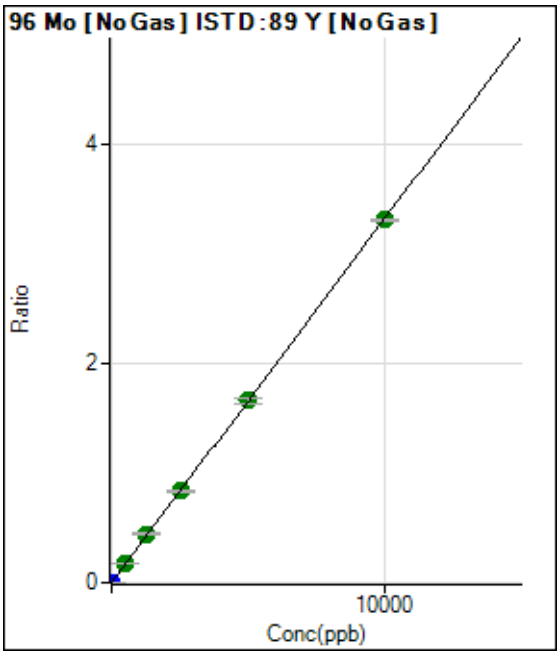


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0000	P	5.7
2	☐	5.000	5.288	17973.88	0.0016	P	0.6
3	☐	500.000	522.966	1786692.39	0.1600	A	1.1
4	☐	1250.000	1357.032	4466448.27	0.4152	A	3.9
5	☐	2500.000	2534.140	9006842.16	0.7753	A	1.6
6	☐	5000.000	5000.772	18078561.96	1.5299	A	3.1
7	☐	10000.000	9976.552	36077255.85	3.0521	A	0.6
8	☐			5845.75	0.0006	P	14.2

y = 3.0593E-004 * x + 9.1050E-006
R = 0.9999
DL = 0.005085
BEC = 0.02976

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	176.67	0.0000	P	9.6
2	☐	5.000	5.285	19576.09	0.0018	P	1.1
3	☐	500.000	515.416	1912344.95	0.1713	A	1.9
4	☐	1250.000	1343.373	4800880.31	0.4464	A	4.6
5	☐	2500.000	2520.945	9730938.33	0.8376	A	1.6
6	☐	5000.000	5016.850	19697647.20	1.6669	A	3.0
7	☐	10000.000	9973.896	39171789.69	3.3139	A	0.4
8	☐			9212.06	0.0009	P	10.4

y = 3.3225E-004 * x + 1.5744E-005
R = 1.0000
DL = 0.01366
BEC = 0.04739

Weight: <None>
Min Conc: 0

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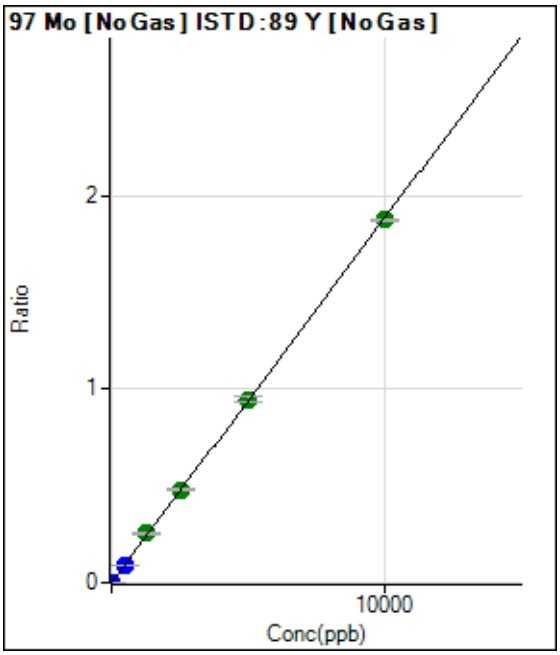
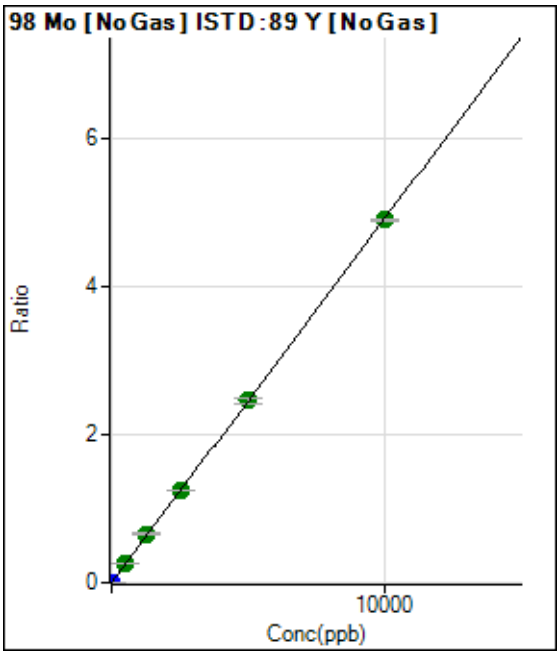


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	17.0
2	☐	5.000	5.192	10852.08	0.0010	P	1.8
3	☐	500.000	498.180	1046236.39	0.0937	P	1.0
4	☐	1250.000	1361.797	2754153.88	0.2561	A	5.2
5	☐	2500.000	2541.831	5553201.17	0.4780	A	2.0
6	☐	5000.000	5033.493	11185869.14	0.9466	A	2.9
7	☐	10000.000	9958.912	22138441.34	1.8728	A	0.7
8	☐			3233.75	0.0003	P	13.2

y = 1.8806E-004 * x + 5.9282E-006
R = 0.9999
DL = 0.01608
BEC = 0.03152

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	7.7
2	☐	5.000	5.177	28303.34	0.0026	P	1.2
3	☐	500.000	521.086	2857262.63	0.2559	A	1.8
4	☐	1250.000	1345.585	7107257.33	0.6607	A	4.4
5	☐	2500.000	2537.269	14474168.95	1.2459	A	1.7
6	☐	5000.000	5006.826	29052749.29	2.4585	A	2.8
7	☐	10000.000	9974.267	57894311.92	4.8977	A	0.5
8	☐			7722.29	0.0008	P	16.1

y = 4.9103E-004 * x + 1.9789E-005
R = 1.0000
DL = 0.009357
BEC = 0.0403

Weight: <None>
Min Conc: 0

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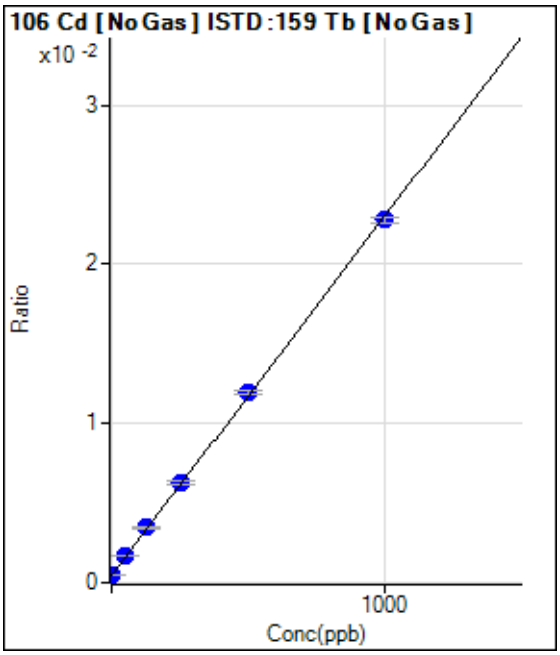
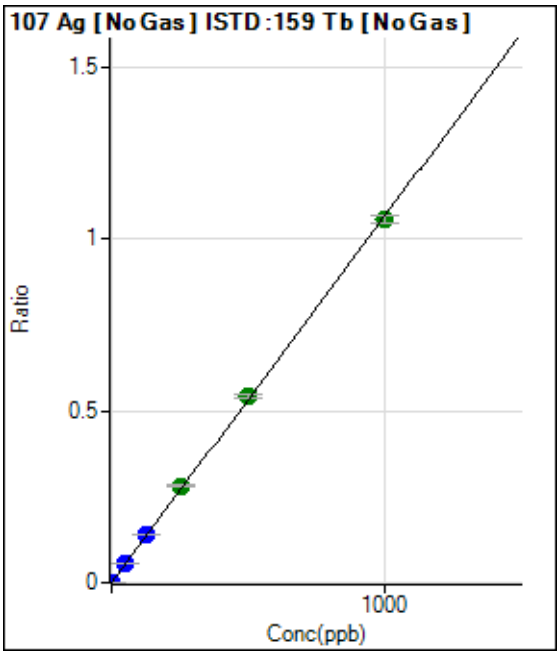


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3650.52	0.0004	P	1.8
2	☐	1.000	1.340	3907.26	0.0005	P	1.8
3	☐	50.000	53.105	13537.82	0.0016	P	0.6
4	☐	125.000	134.673	27858.11	0.0035	P	2.5
5	☐	250.000	259.589	53018.00	0.0063	P	3.5
6	☐	500.000	510.897	101683.05	0.0120	P	2.7
7	☐	1000.000	990.790	192075.82	0.0228	P	1.6
8	☐			3243.75	0.0004	P	3.5

y = 2.2546E-005 * x + 4.4575E-004
R = 0.9998
DL = 1.068
BEC = 19.77

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0000	P	13.6
2	☐	1.000	1.030	9118.65	0.0011	P	2.2
3	☐	50.000	51.031	447851.28	0.0544	P	1.2
4	☐	125.000	131.157	1117289.13	0.1397	P	3.2
5	☐	250.000	264.703	2372864.60	0.2819	A	3.2
6	☐	500.000	509.782	4613802.08	0.5428	A	1.7
7	☐	1000.000	990.612	8892593.34	1.0549	A	2.1
8	☐			1196.73	0.0002	P	17.0

y = 0.0011 * x + 1.3437E-005
R = 0.9998
DL = 0.005151
BEC = 0.01262

Weight: <None>
Min Conc: 0

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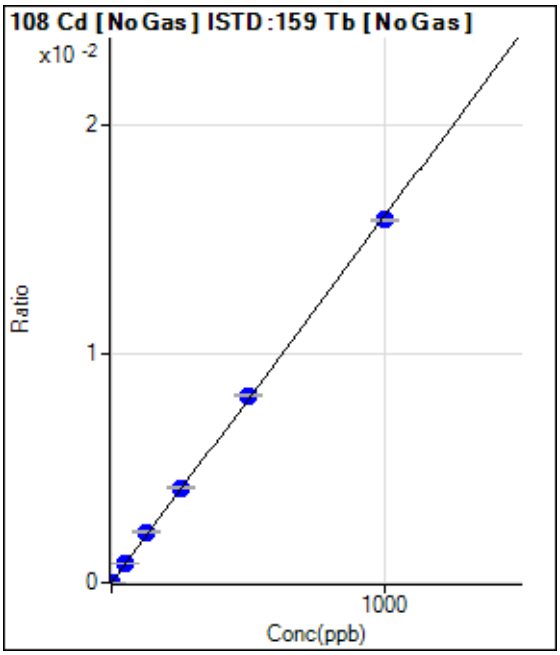
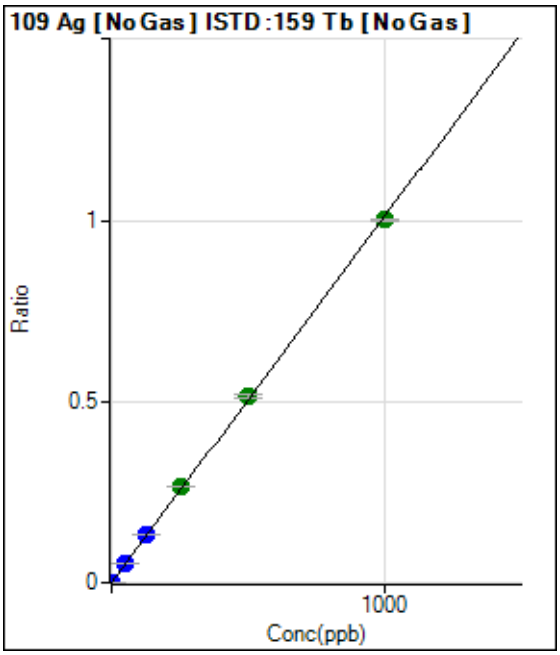


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	46.2
2	☐	1.000	0.998	142.22	0.0000	P	33.1
3	☐	50.000	53.995	7136.35	0.0009	P	3.2
4	☐	125.000	137.132	17575.74	0.0022	P	3.9
5	☐	250.000	259.522	35001.00	0.0042	P	2.7
6	☐	500.000	511.588	69649.18	0.0082	P	1.4
7	☐	1000.000	990.109	133701.81	0.0159	P	0.8
8	☐			84.44	0.0000	P	25.8

y = 1.6015E-005 * x + 1.3581E-006
R = 0.9998
DL = 0.1175
BEC = 0.0848

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	24.4
2	☐	1.000	1.026	8564.97	0.0010	P	4.0
3	☐	50.000	51.271	427046.64	0.0518	P	0.9
4	☐	125.000	131.581	1064011.75	0.1330	P	2.8
5	☐	250.000	263.085	2238778.74	0.2659	A	1.5
6	☐	500.000	509.716	4378754.17	0.5152	A	1.7
7	☐	1000.000	990.985	8444777.03	1.0016	A	0.7
8	☐			1083.39	0.0001	P	17.1

y = 0.0010 * x + 6.3800E-006
R = 0.9998
DL = 0.004627
BEC = 0.006312

Weight: <None>
Min Conc: 0

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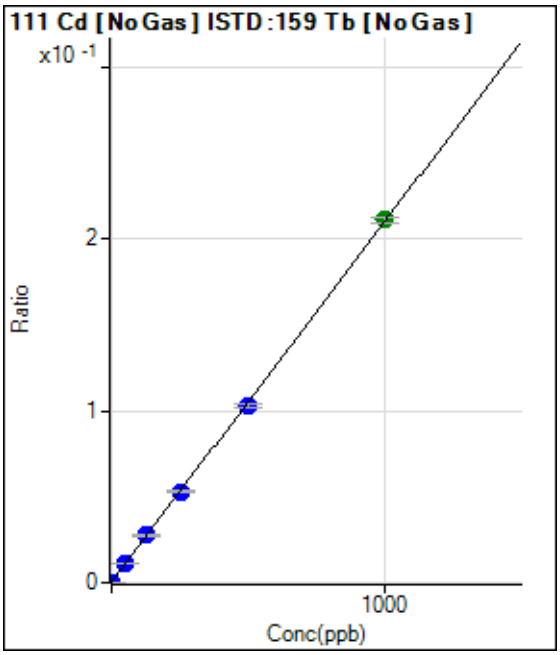
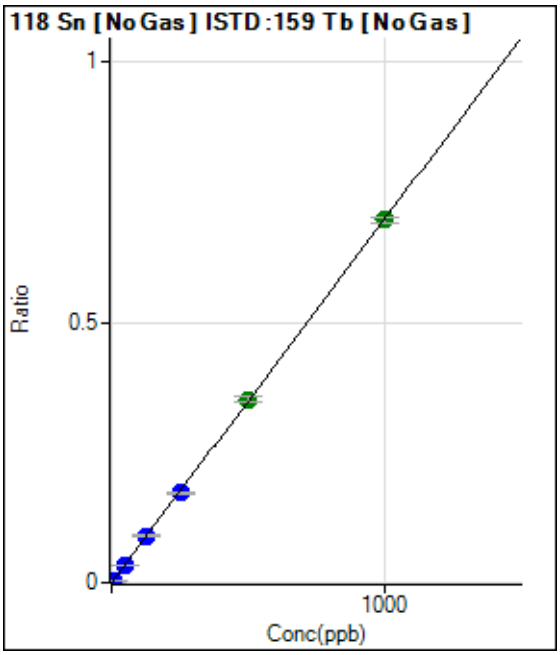


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2563.14	0.0003	P	1.6
2	☐	1.000	1.103	4466.78	0.0005	P	4.9
3	☐	50.000	50.726	90114.24	0.0109	P	1.0
4	☐	125.000	130.962	221887.81	0.0277	P	3.7
5	☐	250.000	250.074	443559.98	0.0527	P	2.5
6	☐	500.000	487.715	870801.35	0.1025	P	2.5
7	☐	1000.000	1005.342	1777592.25	0.2109	A	1.7
8	☐			2573.75	0.0004	P	2.3

y = 2.0944E-004 * x + 3.1297E-004
R = 0.9999
DL = 0.07115
BEC = 1.494

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	832.26	0.0001	P	13.7
2	☐	5.000	5.157	30382.68	0.0037	P	2.1
3	☐	50.000	49.500	285499.13	0.0346	P	0.6
4	☐	125.000	128.935	720624.88	0.0901	P	3.3
5	☐	250.000	246.250	1447724.86	0.1720	P	2.1
6	☐	500.000	504.084	2990874.82	0.3519	A	2.6
7	☐	1000.000	998.428	5876112.83	0.6969	A	1.2
8	☐			1581.22	0.0002	P	9.3

y = 6.9793E-004 * x + 1.0168E-004
R = 1.0000
DL = 0.05977
BEC = 0.1457

Weight: <None>
Min Conc: 0

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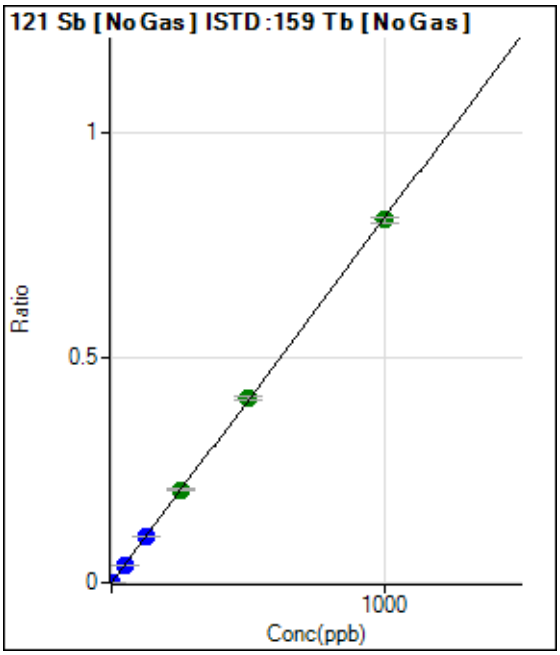
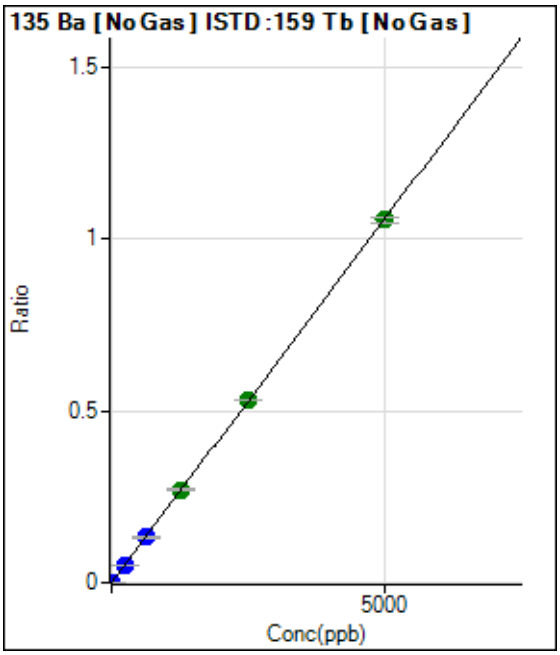


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	17.4
2	☐	2.000	2.047	13679.17	0.0017	P	2.1
3	☐	50.000	49.236	329291.75	0.0400	P	0.5
4	☐	125.000	126.992	824454.32	0.1031	P	3.3
5	☐	250.000	255.645	1746814.68	0.2075	A	1.6
6	☐	500.000	507.290	3499170.05	0.4117	A	2.2
7	☐	1000.000	994.733	6805935.31	0.8073	A	1.8
8	☐			2212.43	0.0003	P	9.0

y = 8.1159E-004 * x + 5.0236E-006
R = 0.9999
DL = 0.003238
BEC = 0.00619

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0000	P	13.7
2	☐	10.000	10.191	17831.81	0.0022	P	2.7
3	☐	250.000	242.652	422712.80	0.0513	P	0.6
4	☐	625.000	627.828	1061538.37	0.1327	P	3.3
5	☐	1250.000	1276.689	2271778.73	0.2698	A	1.7
6	☐	2500.000	2505.289	4500568.40	0.5295	A	0.4
7	☐	5000.000	4990.697	8894238.75	1.0548	A	1.4
8	☐			5803.52	0.0008	P	2.5

y = 2.1135E-004 * x + 1.8185E-005
R = 1.0000
DL = 0.03545
BEC = 0.08604

Weight: <None>
Min Conc: 0

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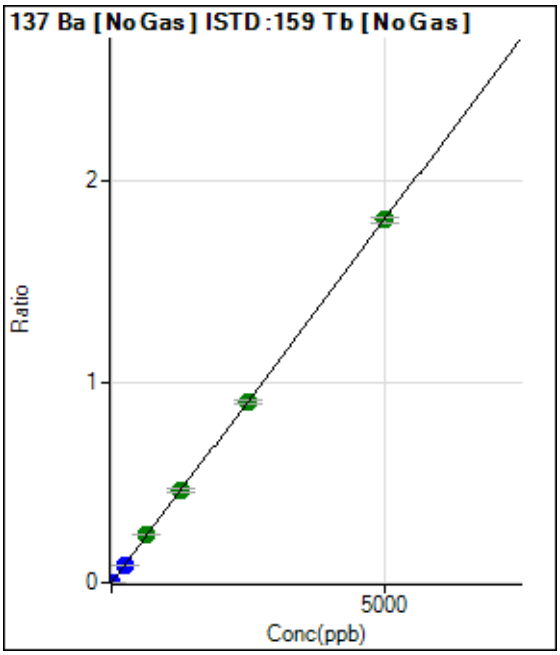
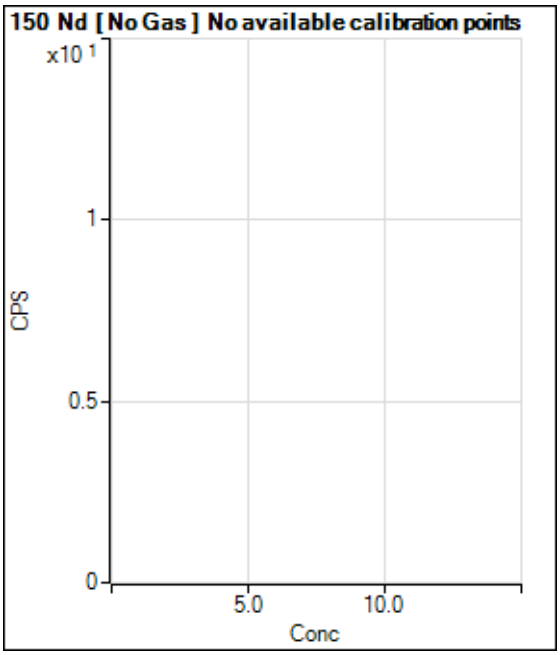


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	206.67	0.0000	P	6.2
2	☐	10.000	10.380	31015.55	0.0038	P	0.6
3	☐	250.000	246.600	734858.52	0.0892	P	0.4
4	☐	625.000	661.355	1913049.15	0.2391	A	3.0
5	☐	1250.000	1271.454	3870294.63	0.4597	A	2.5
6	☐	2500.000	2487.757	7645073.57	0.8995	A	1.3
7	☐	5000.000	4996.383	15229771.58	1.8065	A	1.6
8	☐			10077.17	0.0014	P	6.5

y = 3.6156E-004 * x + 2.5244E-005
R = 1.0000
DL = 0.01292
BEC = 0.06982

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	78.1
2	☐			17.78		P	28.6
3	☐			75.56		P	22.2
4	☐			122.23		P	1.6
5	☐			238.89		P	13.4
6	☐			437.79		P	1.6
7	☐			863.37		P	2.0
8	☐			194.45		P	13.1

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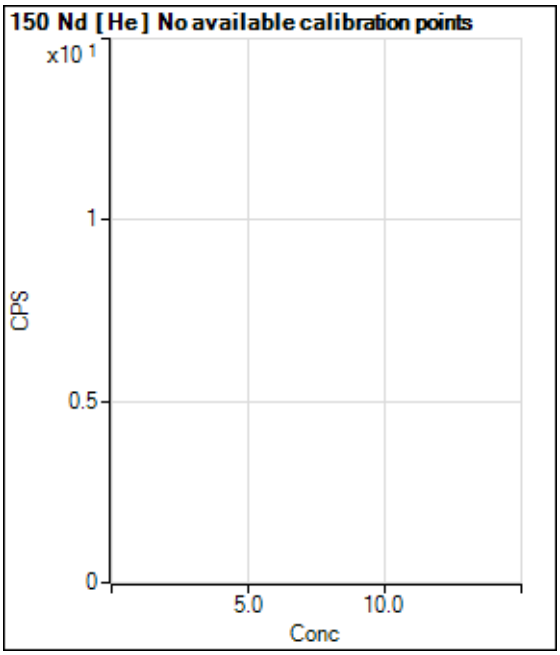
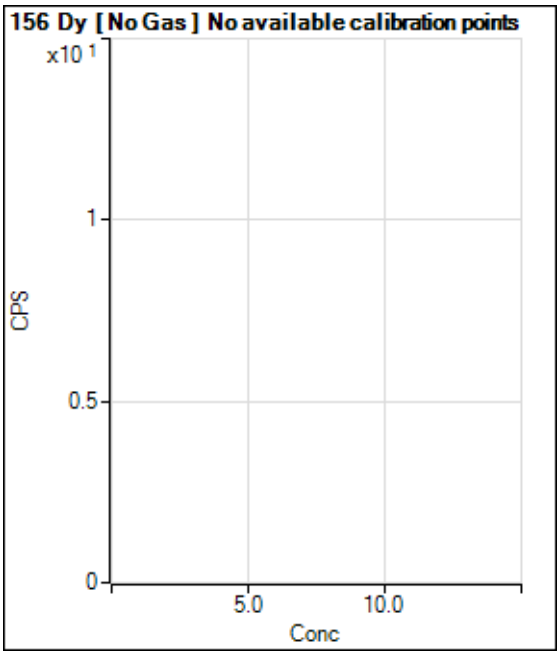


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			6.67		P	0.0
5	☐			8.89		P	57.3
6	☐			25.56		P	45.8
7	☐			44.45		P	15.6
8	☐			43.33		P	53.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			124.45		P	7.7
2	☐			107.78		P	21.1
3	☐			102.22		P	19.9
4	☐			110.00		P	12.1
5	☐			117.78		P	19.3
6	☐			152.23		P	12.1
7	☐			272.23		P	15.9
8	☐			292.23		P	6.3

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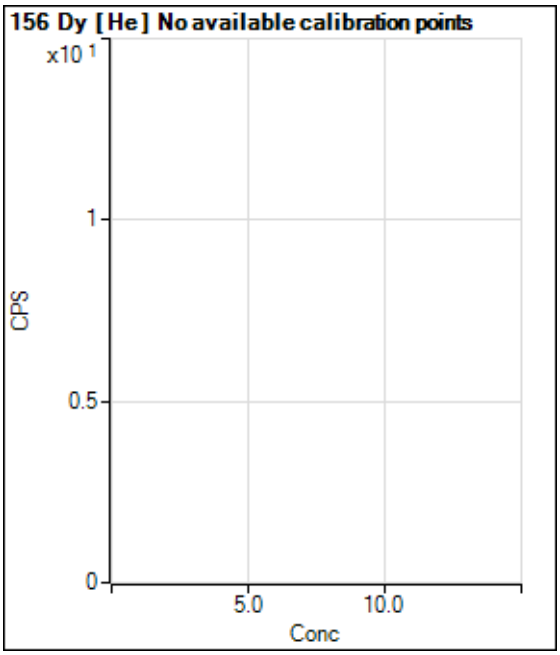
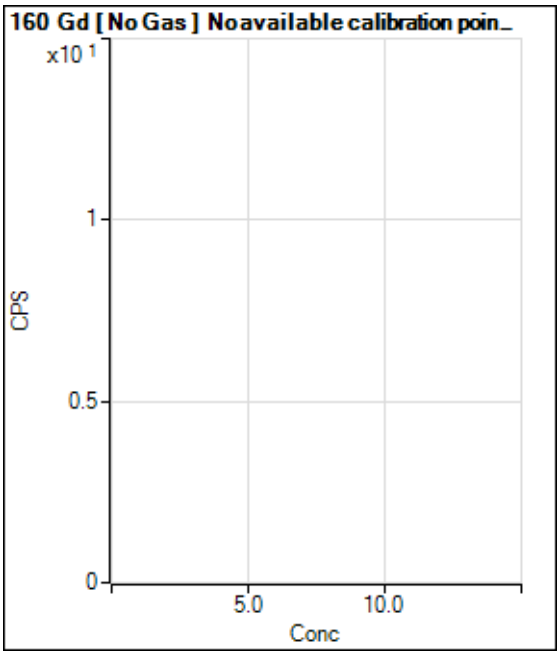
Inst Id :P8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	43.4
3	☐			1.11		P	173.
4	☐			11.11		P	75.5
5	☐			10.00		P	88.2
6	☐			8.89		P	78.1
7	☐			45.55		P	36.8
8	☐			80.00		P	50.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17.78		P	57.3
2	☐			30.00		P	11.1
3	☐			28.89		P	13.3
4	☐			45.55		P	29.6
5	☐			47.78		P	35.8
6	☐			86.67		P	27.7
7	☐			148.89		P	9.0
8	☐			237.78		P	7.7

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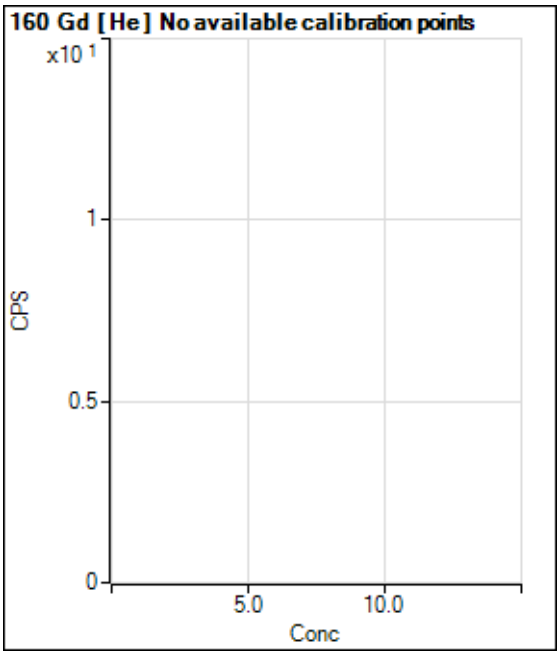
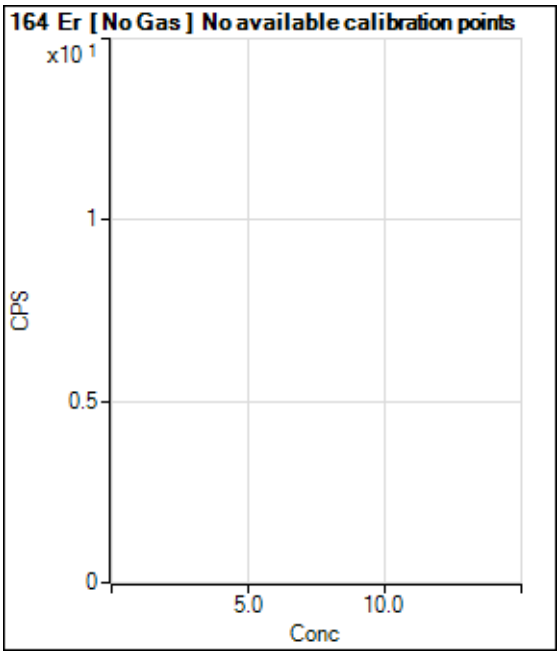


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	132.
2	☐			7.78		P	49.5
3	☐			8.89		P	78.1
4	☐			14.44		P	58.1
5	☐			13.33		P	66.2
6	☐			26.67		P	54.5
7	☐			36.67		P	24.0
8	☐			74.44		P	24.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			36.67		P	32.8
2	☐			32.22		P	12.0
3	☐			47.78		P	21.3
4	☐			48.89		P	14.2
5	☐			87.78		P	26.9
6	☐			130.00		P	22.4
7	☐			178.89		P	5.7
8	☐			278.90		P	0.7

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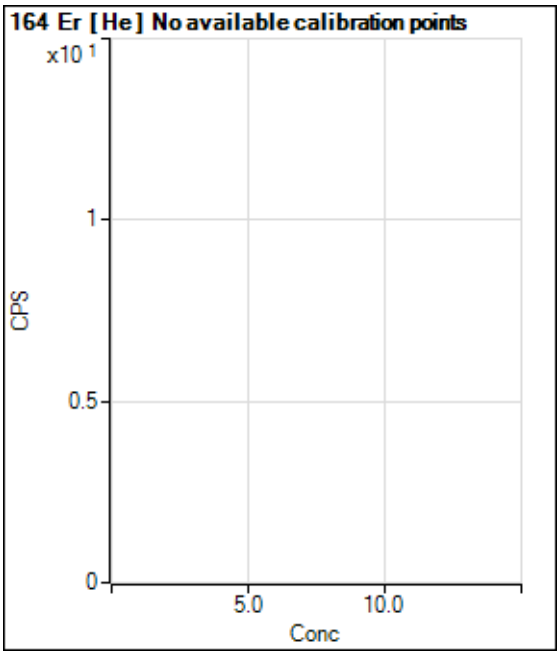

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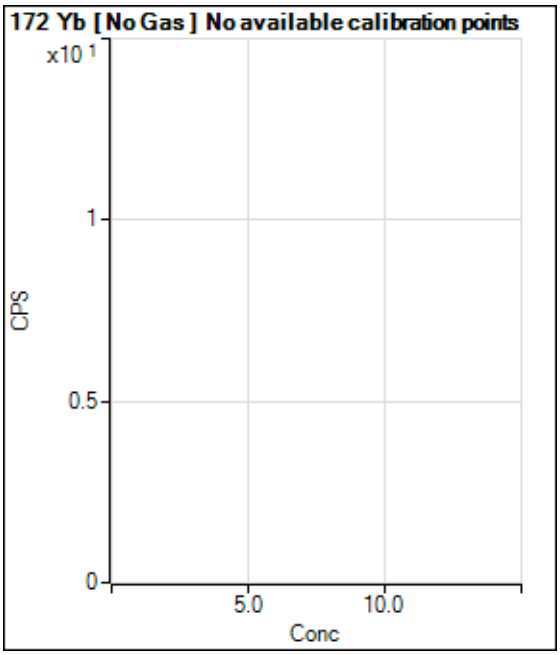
1	☐			17.78		P	10.8
2	☐			25.56		P	74.2
3	☐			13.33		P	66.1
4	☐			16.67		P	72.1
5	☐			34.45		P	31.1
6	☐			27.78		P	18.3
7	☐			60.00		P	30.9
8	☐			94.45		P	17.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			46.67		P	42.9
2	☐			42.22		P	24.1
3	☐			46.67		P	24.7
4	☐			68.89		P	10.1
5	☐			95.56		P	29.7
6	☐			107.78		P	10.9
7	☐			175.56		P	2.2
8	☐			328.90		P	15.5

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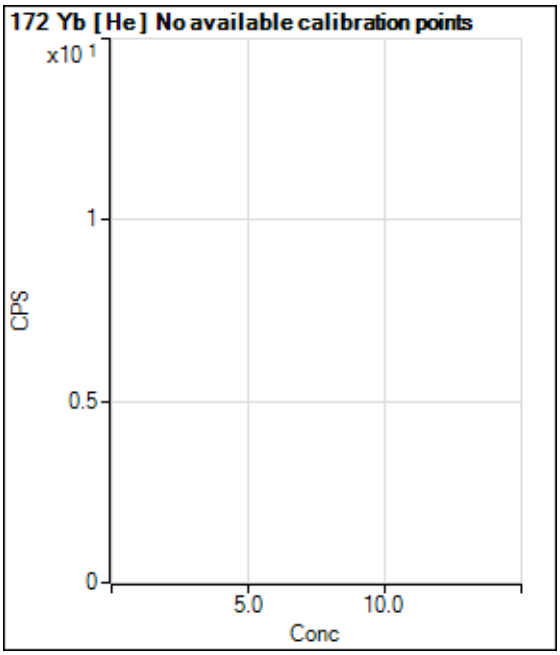

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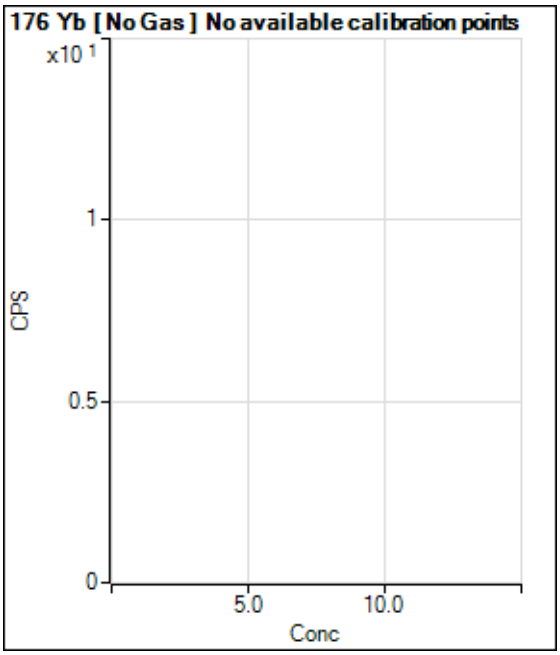
1	☐			17.78		P	71.0
2	☐			17.78		P	71.0
3	☐			21.11		P	39.7
4	☐			22.22		P	45.8
5	☐			41.11		P	24.8
6	☐			48.89		P	25.8
7	☐			80.00		P	33.3
8	☐			123.34		P	23.1



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1	☐			1105.61		P	5.9
2	☐			1124.50		P	2.1
3	☐			2768.10		P	3.2
4	☐			5004.33		P	2.6
5	☐			9120.99		P	2.5
6	☐			17206.83		P	2.0
7	☐			32883.08		P	0.8
8	☐			1187.85		P	3.5

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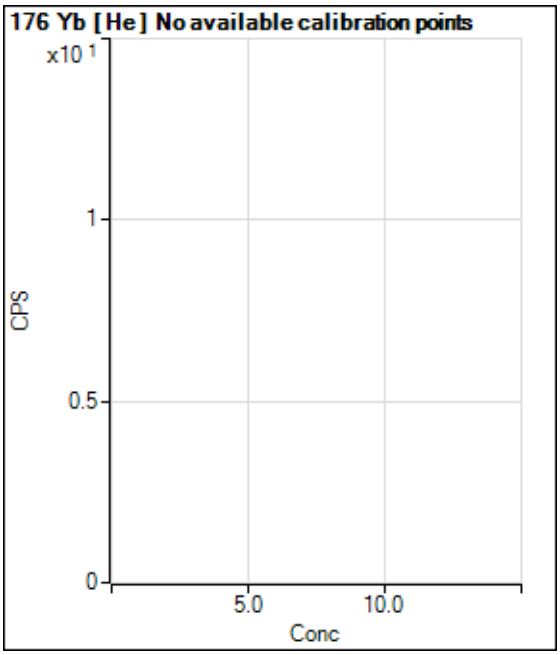
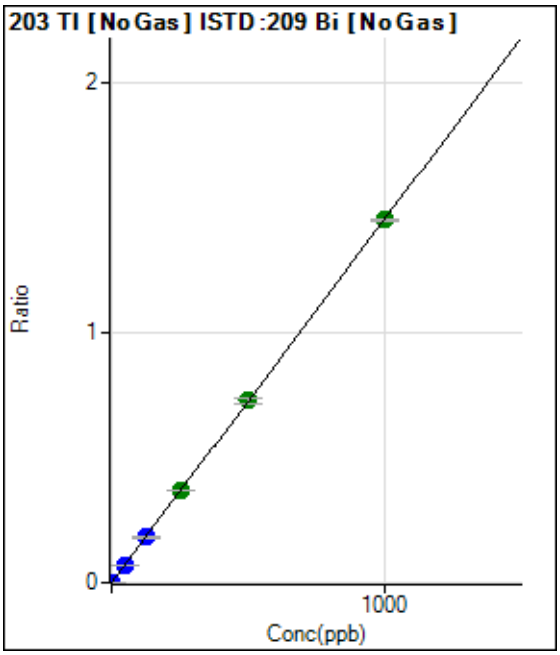


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			186.67		P	10.7
2	☐			197.78		P	6.8
3	☐			680.03		P	5.9
4	☐			1564.56		P	1.7
5	☐			3009.27		P	4.1
6	☐			5682.39		P	1.5
7	☐			11671.92		P	1.9
8	☐			214.45		P	10.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0000	P	14.5
2	☐	1.000	0.966	7407.73	0.0014	P	3.0
3	☐	50.000	47.195	354594.92	0.0686	P	0.3
4	☐	125.000	125.821	896150.34	0.1829	P	5.0
5	☐	250.000	253.124	1892017.77	0.3680	A	1.3
6	☐	500.000	500.847	3704702.93	0.7281	A	2.4
7	☐	1000.000	998.833	7198081.84	1.4519	A	0.8
8	☐			816.71	0.0002	P	28.1

y = 0.0015 * x + 2.9455E-005
R = 1.0000
DL = 0.008807
BEC = 0.02026

Weight: <None>
Min Conc: 0

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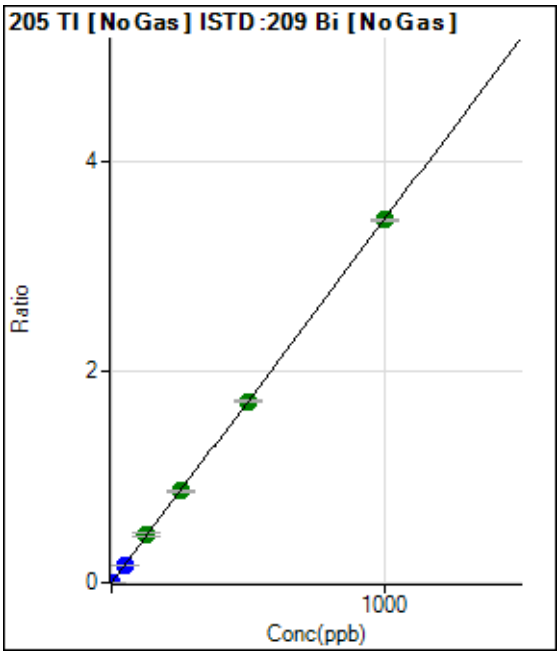
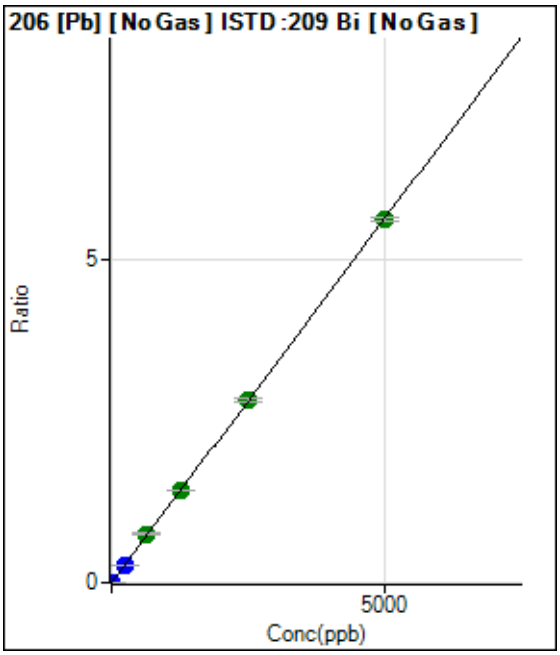


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	370.01	0.0001	P	6.3
2	☐	1.000	0.980	17811.23	0.0034	P	2.3
3	☐	50.000	48.113	856609.47	0.1658	P	0.3
4	☐	125.000	132.803	2240767.23	0.4575	A	5.8
5	☐	250.000	252.566	4473426.56	0.8700	A	1.1
6	☐	500.000	500.046	8764667.51	1.7225	A	2.0
7	☐	1000.000	998.455	17049770.72	3.4392	A	0.2
8	☐			1794.60	0.0005	P	26.8

y = 0.0034 * x + 7.1037E-005
R = 1.0000
DL = 0.003877
BEC = 0.02062

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	627.80	0.0001	P	2.6
2	☐	1.000	0.990	6373.85	0.0012	P	2.6
3	☐	250.000	240.915	1400486.11	0.2711	P	0.3
4	☐	625.000	665.994	3669616.85	0.7491	A	5.3
5	☐	1250.000	1268.311	7334505.66	1.4265	A	1.8
6	☐	2500.000	2508.221	14354404.79	2.8210	A	2.0
7	☐	5000.000	4986.642	27804597.92	5.6083	A	1.2
8	☐			4079.59	0.0010	P	13.3

y = 0.0011 * x + 1.2050E-004
R = 1.0000
DL = 0.008493
BEC = 0.1071

Weight: <None>
Min Conc: 0

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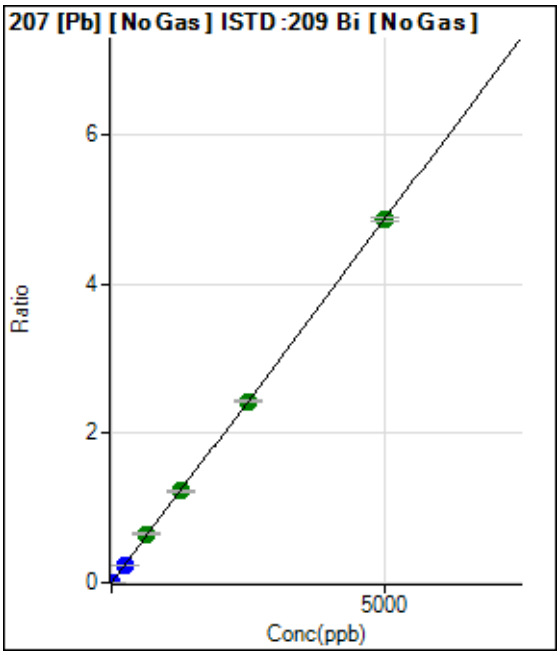
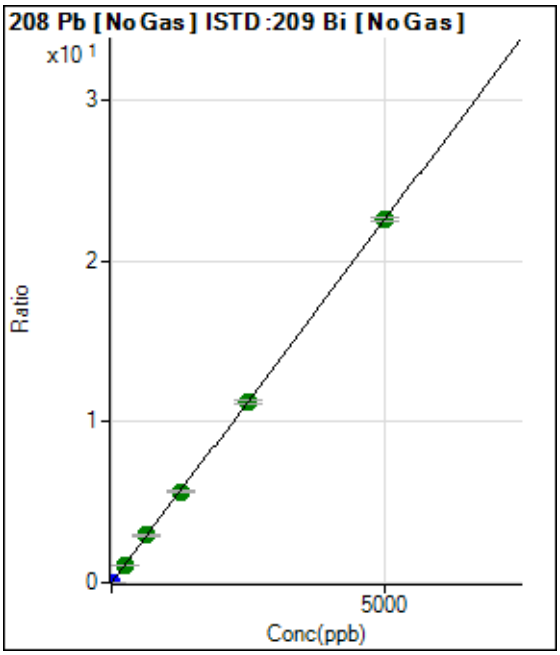


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	542.24	0.0001	P	12.8
2	☐	1.000	1.041	5770.24	0.0011	P	3.1
3	☐	250.000	242.334	1219287.54	0.2360	P	0.4
4	☐	625.000	668.555	3188832.35	0.6509	A	5.0
5	☐	1250.000	1258.427	6298924.49	1.2251	A	1.7
6	☐	2500.000	2498.636	12377092.18	2.4323	A	1.7
7	☐	5000.000	4993.514	24099260.19	4.8609	A	1.1
8	☐			3443.83	0.0009	P	11.8

y = 9.7343E-004 * x + 1.0396E-004
R = 1.0000
DL = 0.04114
BEC = 0.1068

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2370.11	0.0005	P	4.1
2	☐	1.000	1.000	25653.44	0.0050	P	2.1
3	☐	250.000	248.278	5786113.85	1.1199	A	0.4
4	☐	625.000	658.689	14553581.45	2.9704	A	4.8
5	☐	1250.000	1248.965	28957454.64	5.6319	A	1.8
6	☐	2500.000	2491.721	57172271.23	11.2354	A	1.6
7	☐	5000.000	5000.273	111779504.4	22.5463	A	1.2
8	☐			16121.97	0.0041	P	13.2

y = 0.0045 * x + 4.5486E-004
R = 1.0000
DL = 0.0123
BEC = 0.1009

Weight: <None>
Min Conc: 0

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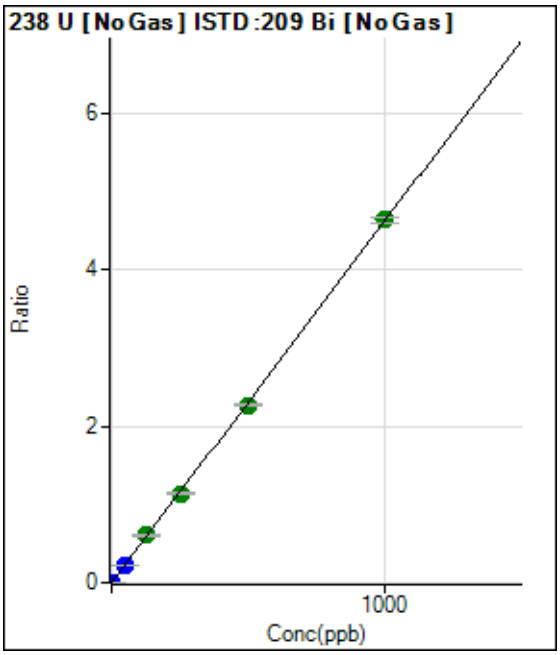
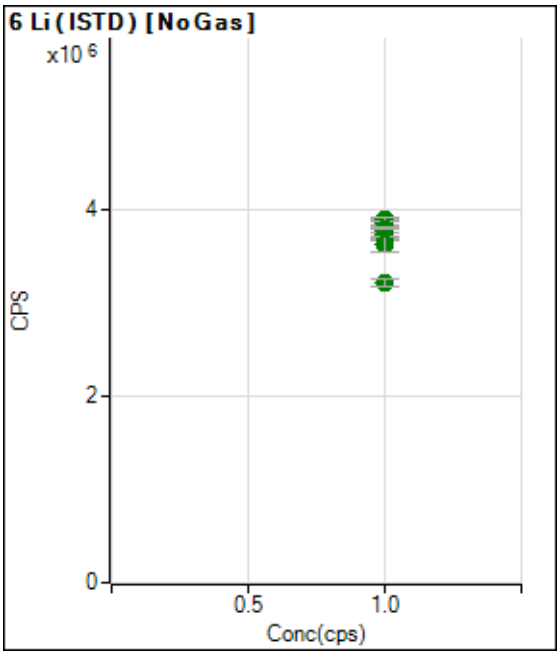


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0000	P	28.6
2	☐	1.000	0.985	23563.03	0.0046	P	1.6
3	☐	50.000	46.571	1110830.18	0.2150	P	0.4
4	☐	125.000	131.424	2973256.45	0.6067	A	4.2
5	☐	250.000	246.511	5851152.13	1.1380	A	2.5
6	☐	500.000	491.932	11556543.86	2.2710	A	1.4
7	☐	1000.000	1004.275	22985695.21	4.6363	A	1.3
8	☐			1599.02	0.0004	P	27.0

y = 0.0046 * x + 1.3013E-005
R = 0.9999
DL = 0.002417
BEC = 0.002819

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3772479.88		A	1.2
2	☐	1.000		3688514.93		A	0.5
3	☐	1.000		3742692.35		A	1.2
4	☐	1.000		3629026.85		A	4.5
5	☐	1.000		3867420.85		A	1.2
6	☐	1.000		3893344.54		A	1.1
7	☐	1.000		3800973.69		A	0.6
8	☐	1.000		3221809.08		A	2.6

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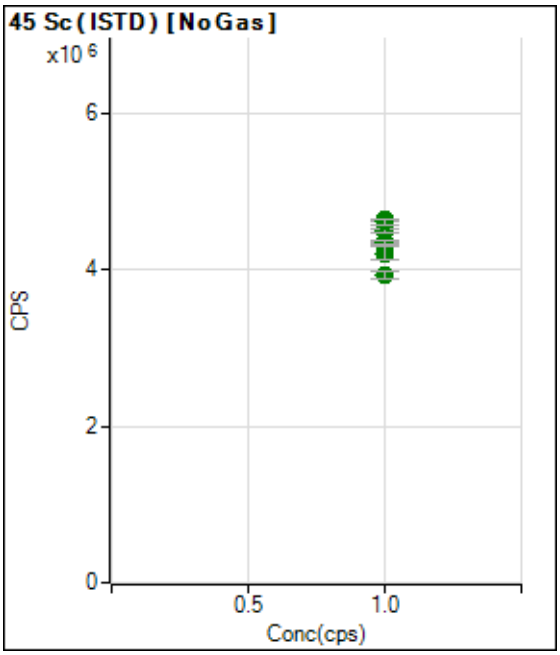

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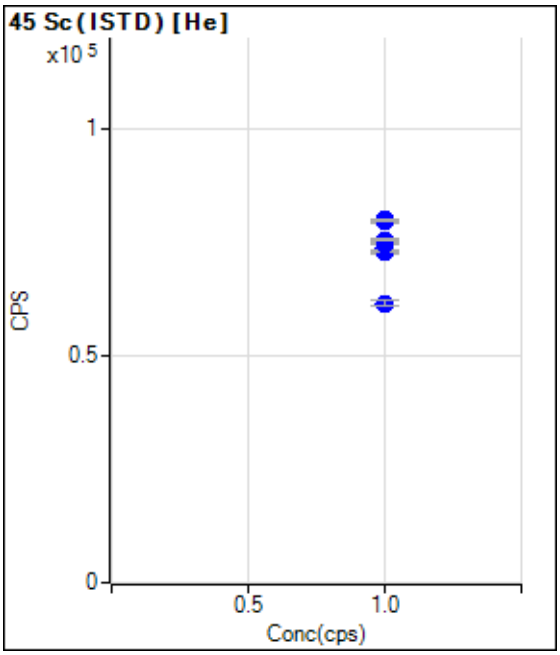
1	☐	1.000		4352177.85		A	0.9
2	☐	1.000		4313657.26		A	0.5
3	☐	1.000		4348828.31		A	1.1
4	☐	1.000		4206244.94		A	4.1
5	☐	1.000		4491921.49		A	0.6
6	☐	1.000		4630350.56		A	0.8
7	☐	1.000		4609377.92		A	1.8
8	☐	1.000		3924853.69		A	2.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		72996.10		P	0.3
2	☐	1.000		73895.44		P	3.4
3	☐	1.000		73339.21		P	0.4
4	☐	1.000		74796.49		P	0.1
5	☐	1.000		75658.88		P	0.7
6	☐	1.000		79608.58		P	0.3
7	☐	1.000		80082.34		P	0.5
8	☐	1.000		61642.63		P	1.8

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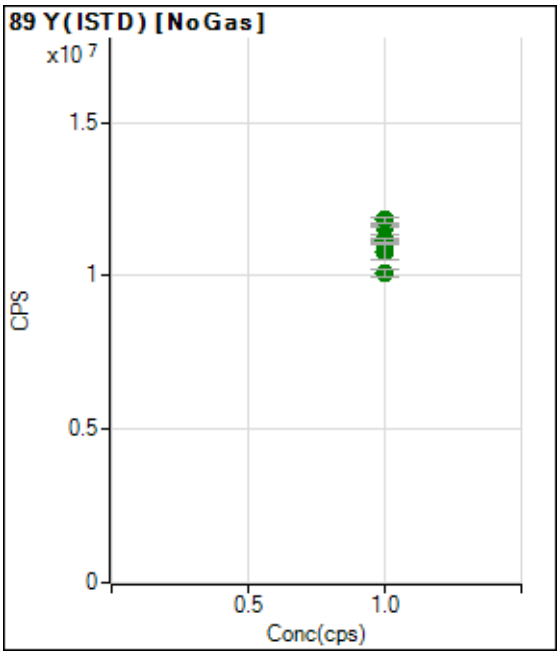
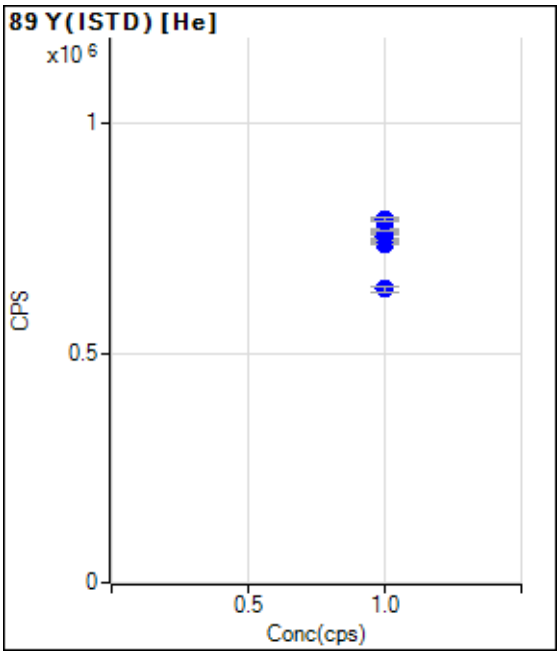


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11230938.03		A	1.4
2	☐	1.000		11048091.09		A	0.7
3	☐	1.000		11167672.20		A	1.1
4	☐	1.000		10770662.76		A	4.5
5	☐	1.000		11618396.63		A	0.7
6	☐	1.000		11820552.60		A	1.5
7	☐	1.000		11820596.49		A	1.6
8	☐	1.000		10076434.43		A	2.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		737952.03		P	0.5
2	☐	1.000		754225.35		P	2.6
3	☐	1.000		747353.74		P	0.6
4	☐	1.000		757997.35		P	0.4
5	☐	1.000		767782.78		P	0.6
6	☐	1.000		788030.29		P	0.4
7	☐	1.000		789583.37		P	1.0
8	☐	1.000		638422.81		P	2.0

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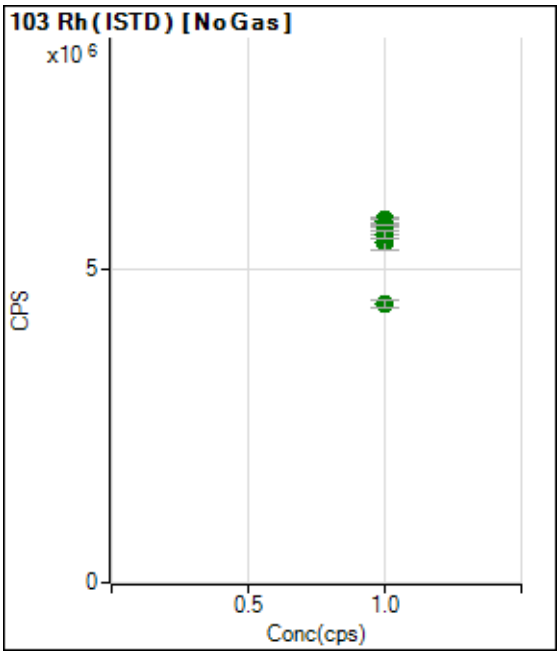
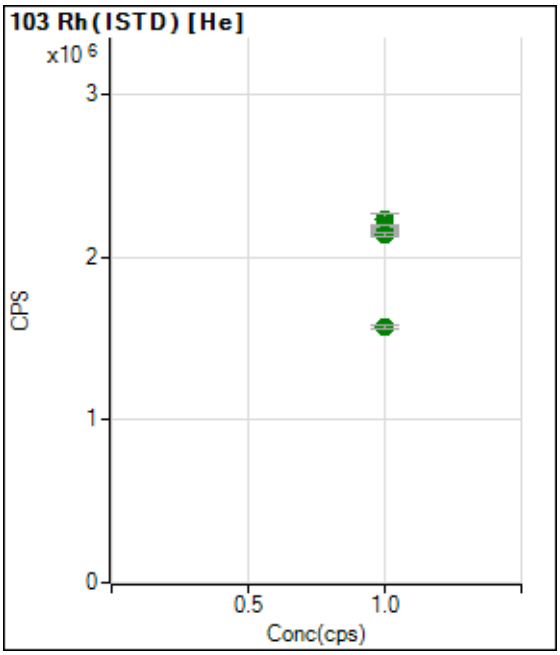


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5790255.95		A	1.5
2	☐	1.000		5706344.08		A	1.5
3	☐	1.000		5683780.26		A	0.7
4	☐	1.000		5433585.55		A	4.3
5	☐	1.000		5755179.15		A	1.1
6	☐	1.000		5712235.68		A	0.4
7	☐	1.000		5556646.72		A	2.4
8	☐	1.000		4462965.21		A	2.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2181844.71		A	0.2
2	☐	1.000		2229168.91		A	3.5
3	☐	1.000		2155449.55		A	1.1
4	☐	1.000		2154583.65		A	0.7
5	☐	1.000		2146096.36		A	0.7
6	☐	1.000		2192628.20		A	0.4
7	☐	1.000		2142782.52		A	1.0
8	☐	1.000		1570984.07		A	1.6

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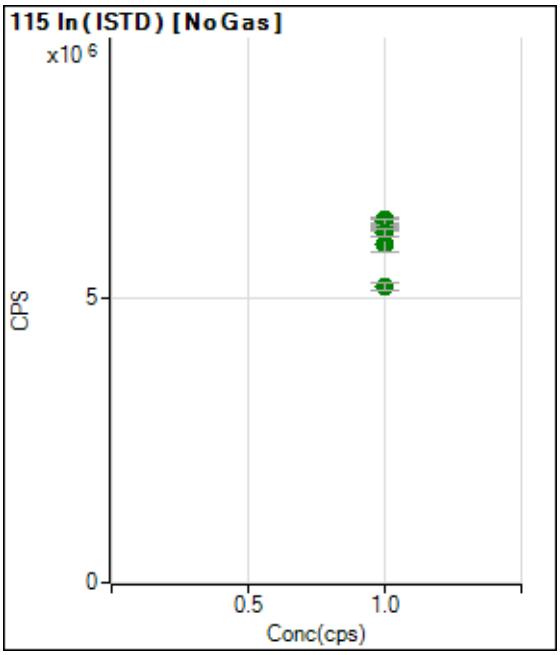

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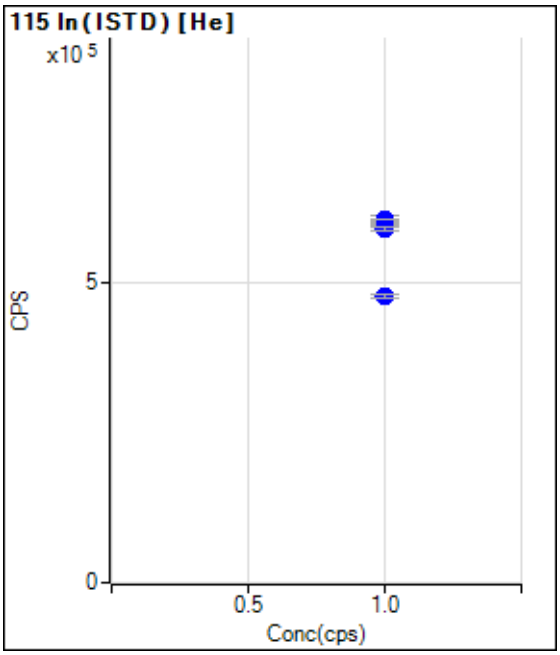
1	☐	1.000		6394873.35		A	1.3
2	☐	1.000		6256871.62		A	0.8
3	☐	1.000		6215550.71		A	0.9
4	☐	1.000		5964473.04		A	4.6
5	☐	1.000		6362491.98		A	1.8
6	☐	1.000		6364038.01		A	1.3
7	☐	1.000		6169710.95		A	2.2
8	☐	1.000		5223162.10		A	2.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		594285.56		P	0.7
2	☐	1.000		603461.00		P	2.9
3	☐	1.000		595744.56		P	0.2
4	☐	1.000		600553.44		P	0.5
5	☐	1.000		600911.48		P	0.4
6	☐	1.000		605516.04		P	0.1
7	☐	1.000		590251.18		P	1.0
8	☐	1.000		478029.01		P	1.3

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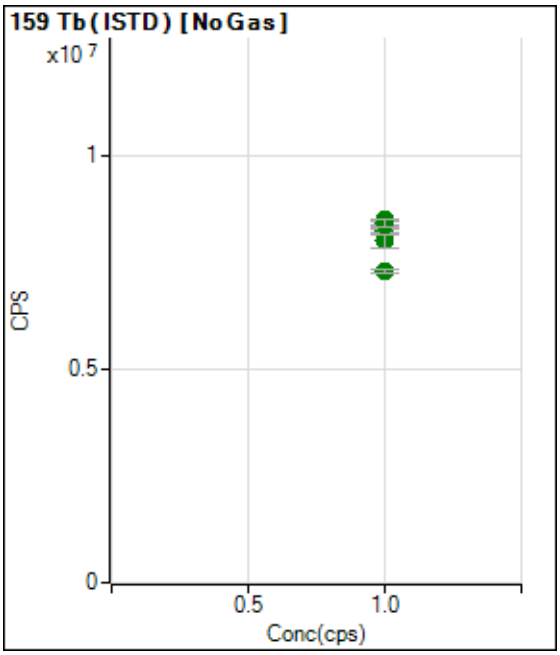
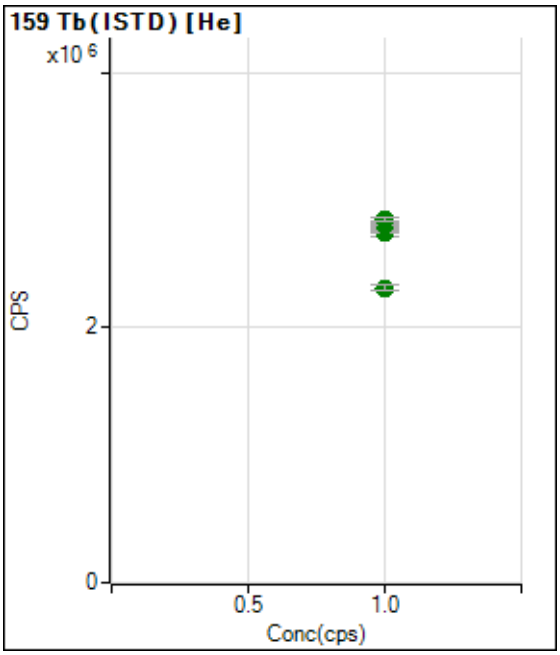


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8189159.88		A	0.6
2	☐	1.000		8209419.81		A	0.3
3	☐	1.000		8239803.77		A	0.9
4	☐	1.000		8005405.51		A	3.7
5	☐	1.000		8419895.50		A	1.1
6	☐	1.000		8499672.44		A	0.6
7	☐	1.000		8431331.13		A	2.0
8	☐	1.000		7278777.04		A	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2740909.85		A	1.3
2	☐	1.000		2799931.69		A	2.1
3	☐	1.000		2746810.24		A	0.3
4	☐	1.000		2752321.24		A	0.9
5	☐	1.000		2804506.07		A	0.8
6	☐	1.000		2817711.90		A	0.4
7	☐	1.000		2846216.17		A	1.2
8	☐	1.000		2311885.19		A	2.3

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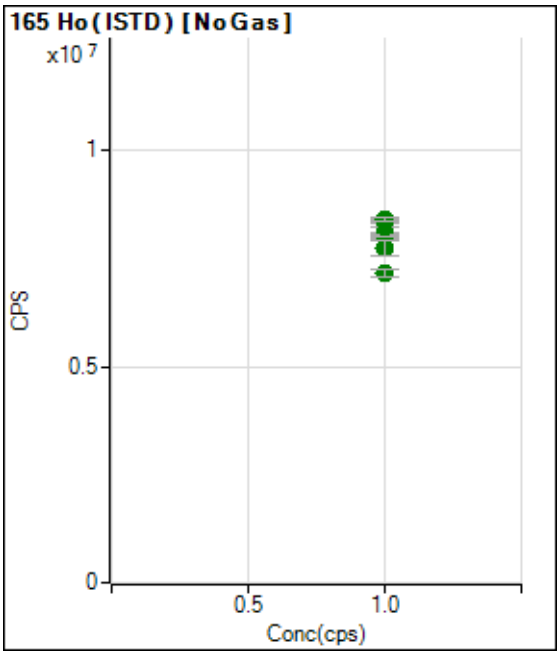
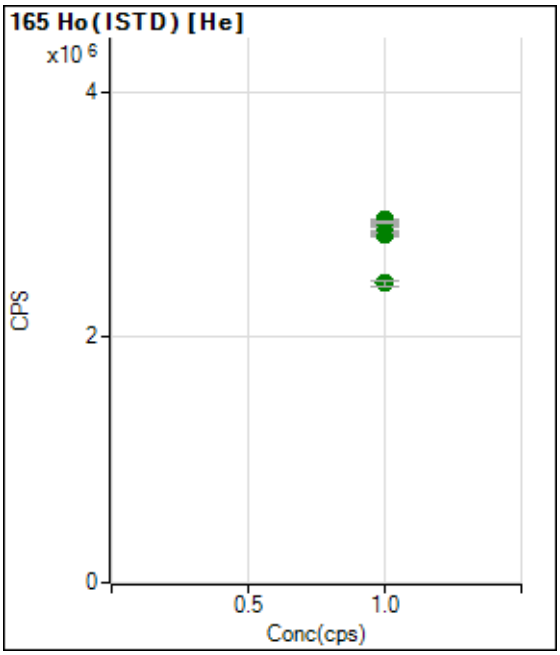


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8055493.49		A	0.6
2	☐	1.000		7984508.70		A	1.2
3	☐	1.000		8032015.51		A	0.6
4	☐	1.000		7724977.45		A	4.9
5	☐	1.000		8222392.31		A	0.4
6	☐	1.000		8352889.39		A	0.8
7	☐	1.000		8388935.99		A	1.0
8	☐	1.000		7155904.41		A	3.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2835398.09		A	1.6
2	☐	1.000		2897382.63		A	1.7
3	☐	1.000		2848051.14		A	0.7
4	☐	1.000		2857034.51		A	0.9
5	☐	1.000		2902148.36		A	0.1
6	☐	1.000		2956516.42		A	0.5
7	☐	1.000		2944195.89		A	0.4
8	☐	1.000		2437642.79		A	2.4

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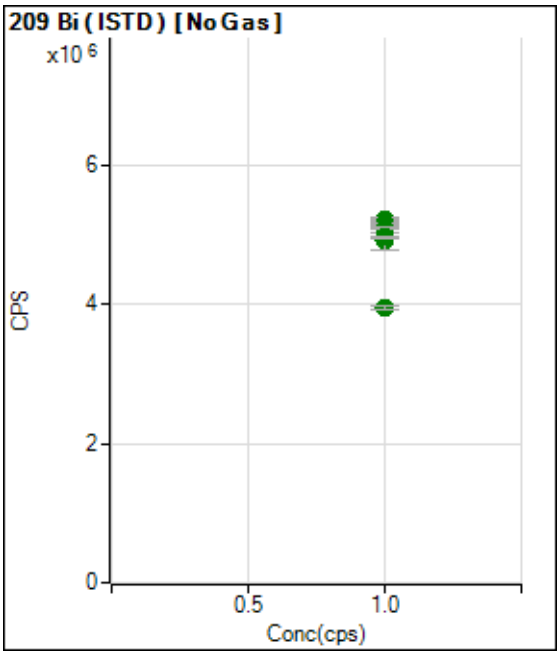
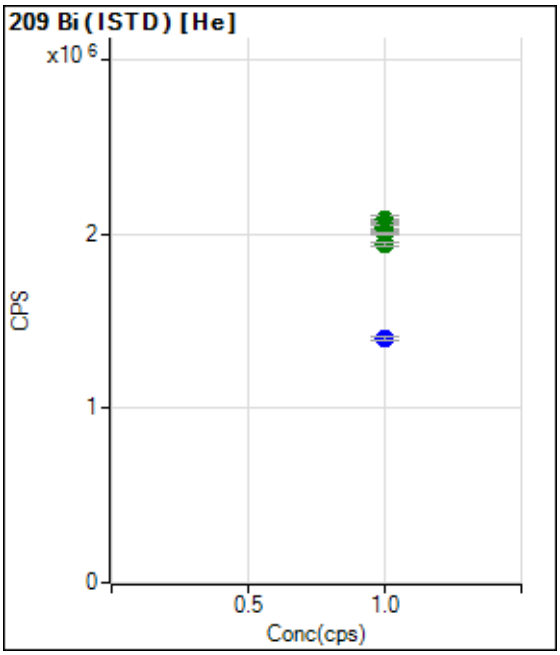


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5208215.30		A	1.8
2	☐	1.000		5167067.35		A	1.6
3	☐	1.000		5166611.24		A	0.8
4	☐	1.000		4907338.99		A	5.0
5	☐	1.000		5142017.60		A	0.7
6	☐	1.000		5088849.72		A	0.5
7	☐	1.000		4957509.96		A	0.7
8	☐	1.000		3955496.92		A	1.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2071261.45		A	0.8
2	☐	1.000		2080564.01		A	2.9
3	☐	1.000		2064451.27		A	0.7
4	☐	1.000		2040427.07		A	0.9
5	☐	1.000		2034093.53		A	1.4
6	☐	1.000		2004335.51		A	0.7
7	☐	1.000		1940386.41		A	0.7
8	☐	1.000		1399482.44		P	1.6

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8
ClientSampleId :TUNE002

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P8013125 MS.b
Acq. Date-Time	2025-01-31 14:10:40
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		13992	139919.42			0.529	5.000
24		120925	1209248.00			0.690	5.000
25		16145	161445.74			0.257	5.000
26		18695	186953.71			0.566	5.000
59		66034	660344.22			0.720	5.000
113		8080	80797.00			1.120	5.000
115		110951	1109510.84			0.869	5.000
206		25211	252112.98			0.388	5.000
207		21881	218810.37			0.518	5.000
208		53214	532143.81			0.538	5.000
220		0	1.00			100.000	

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	14115	13989	13983	13950	13922
24	121967	119897	121564	120691	120505
25	16174	16200	16132	16120	16097
26	18797	18698	18798	18557	18627
59	66414	66399	66308	65657	65394
113	8226	8076	8088	8003	8006
115	112103	111709	110593	109683	110667
206	25314	25155	25275	25241	25071
207	21993	21902	21901	21919	21690
208	53409	53236	53530	53104	52793

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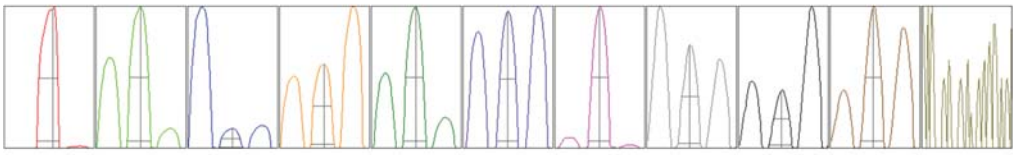
Inst Id :P8
ClientSampleId :TUNE002

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	23834.81	9.15	8.90 - 9.10	Fail
24	203308.13	24.00	23.90 - 24.10	
25	27522.99	25.00	24.90 - 25.10	
26	31955.97	26.00	25.90 - 26.10	
59	120121.52	59.00	58.90 - 59.10	
113	15992.12	113.00	112.90 - 113.10	
115	215380.30	115.00	114.90 - 115.10	
206	49779.08	205.95	205.90 - 206.10	
207	42893.13	206.95	206.90 - 207.10	
208	104404.35	207.95	207.90 - 208.10	
220	0.00	219.95	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.738	0.900	
24	0.63	0.785	0.900	
25	0.62	0.781	0.900	
26	0.62	0.779	0.900	
59	0.58	0.774	0.900	
113	0.53	0.719	0.900	
115	0.54	0.726	0.900	
206	0.53	0.743	0.900	
207	0.53	0.774	0.900	
208	0.53	0.774	0.900	
220	0.18	0.175		

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

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	7.6 V	Deflect	14.6 V
Extract 2	-110.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-60 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	0.9960	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.05		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.6 mm		

EM

Discriminator	4.1 mV	Analog HV	2179 V	Pulse HV	1073 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		11659	116593.27			0.656	
89		13132	131316.28			0.826	
205		14044	140443.45			0.718	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	11711	11732	11673	11645	11536
89	13185	13285	13117	13068	13003
205	13990	14119	14177	14005	13931

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 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	7.6 V	Deflect	1.8 V

Reviewed By:Mohan
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ClientSampleId :TUNE002

US EPA Tune Check Report

Extract 2	-110.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-60 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	0.9960	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.05		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.6 mm		

EM

Discriminator	4.1 mV	Analog HV	2179 V	Pulse HV	1073 V

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:42:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.36	0.60	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	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	0.04	0.00	N/A	ppb
Cadmium	106-1	0.33	0.05	-0.38	0.00	N/A	ppb
Cadmium	111-1	0.02	0.01	-0.03	0.00	N/A	ppb
Calcium	43-1	0.02	-0.44	0.42	0.00	N/A	ppb
Calcium	44-1	0.18	-0.19	0.01	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	0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.03	0.05	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.26	0.31	-0.05	0.00	N/A	ppb
Iron	56-2	-0.13	-0.13	0.26	0.00	N/A	ppb
Iron	57-2	-0.59	0.90	-0.31	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:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:42:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.01	-0.01	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	0.75	-0.71	-0.04	0.00	N/A	ppb
Manganese	55-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.01	0.10	0.00	N/A	ppb
Phosphorus	31-2	-17.47	-3.53	-11.74	-10.91		ppb
Potassium	39-2	1.39	-1.15	-0.24	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.25	-0.03	-0.23	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	0.77	-0.39	0.00	N/A	ppb
Silicon	28-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.12	-1.85	1.97	0.00	N/A	ppb
Strontium	86-1	-0.44	0.50	-0.06	0.00	N/A	ppb
Strontium	88-1	0.05	-0.10	0.05	0.00	N/A	ppb
Sulfur	34-1	-97.46	-69.88	-20.78	-62.71		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	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:42:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	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	-0.04	0.10	-0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:46:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.93	17.13	20.85	20.30	14.48	ppb
Antimony	121-1	2.10	2.01	2.03	2.05	2.16	ppb
Arsenic	75-2	1.22	1.02	1.32	1.18	12.89	ppb
Barium	135-1	10.51	10.08	9.99	10.19	2.72	ppb
Barium	137-1	10.30	10.42	10.42	10.38	0.64	ppb
Beryllium	9-1	1.10	1.10	1.06	1.09	1.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.65	0.98	1.36	1.00	35.90	ppb
Cadmium	106-1	1.67	0.93	1.42	1.34	27.82	ppb
Cadmium	111-1	1.25	1.01	1.06	1.10	11.61	ppb
Calcium	43-1	542.24	545.18	543.95	543.79	0.27	ppb
Calcium	44-1	529.39	538.24	542.99	536.87	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	2.21	2.00	2.01	9.50	ppb
Cobalt	59-2	1.05	1.15	1.15	1.11	5.31	ppb
Copper	63-2	2.10	2.09	2.03	2.08	1.79	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				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	54.07	57.25	49.88	53.73	6.89	ppb
Iron	56-2	52.47	55.62	52.76	53.61	3.25	ppb
Iron	57-2	51.17	52.26	53.20	52.21	1.94	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.97	1.02	0.99	2.84	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:46:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.01	1.03	1.08	1.04	3.46	ppb
Lead	208-1	1.00	0.98	1.02	1.00	2.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	518.84	536.14	516.47	523.82	2.05	ppb
Manganese	55-2	0.93	1.08	0.93	0.98	8.81	ppb
Molybdenum	94-1	6.25	6.32	6.17	6.25	1.20	ppb
Molybdenum	95-1	5.26	5.32	5.29	5.29	0.56	ppb
Molybdenum	96-1	5.30	5.22	5.34	5.29	1.13	ppb
Molybdenum	97-1	5.09	5.27	5.21	5.19	1.84	ppb
Molybdenum	98-1	5.15	5.13	5.25	5.18	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.09	1.22	1.16	5.53	ppb
Phosphorus	31-2	-2.34	14.74	20.34	10.91	108.28	ppb
Potassium	39-2	481.88	513.20	480.48	491.85	3.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.90	6.75	6.75	6.47	7.56	ppb
Selenium	77-2	3.84	8.07	0.00	3.97	101.66	ppb
Selenium	78-2	7.43	4.35	3.56	5.11	40.06	ppb
Silicon	28-1	0.54	0.50	0.57	0.54	7.00	ppb
Silver	107-1	1.05	1.01	1.03	1.03	2.22	ppb
Silver	109-1	1.04	0.98	1.06	1.03	3.99	ppb
Sodium	23-2	492.79	520.10	499.57	504.15	2.82	ppb
Strontium	86-1	24.10	26.68	26.26	25.68	5.40	ppb
Strontium	88-1	24.48	25.13	25.31	24.97	1.75	ppb
Sulfur	34-1	74.92	15.37	97.84	62.71	67.89	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.94	1.00	0.97	3.07	ppb
Thallium	205-1	0.96	0.98	1.00	0.98	2.31	ppb
Tin	118-1	5.04	5.18	5.26	5.16	2.13	ppb
Titanium	47-1	5.41	5.36	5.39	5.39	0.55	ppb
Uranium	238-1	0.98	0.97	1.00	0.99	1.58	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:46:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.16	5.16	4.98	5.10	2.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	5.04	5.63	4.71	5.12	9.04	ppb
Zirconium	90-1	1.00	1.05	1.02	1.03	2.55	ppb
Zirconium	91-1	1.00	1.05	1.08	1.04	3.90	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:49:47	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	986.39	977.56	972.36	978.77	0.72	ppb
Antimony	121-1	49.39	48.97	49.34	49.24	0.47	ppb
Arsenic	75-2	50.96	48.81	49.01	49.59	2.41	ppb
Barium	135-1	242.61	241.27	244.07	242.65	0.58	ppb
Barium	137-1	247.49	245.42	246.89	246.60	0.43	ppb
Beryllium	9-1	51.44	50.94	50.62	51.00	0.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	53.58	52.49	55.91	53.99	3.24	ppb
Cadmium	106-1	53.45	52.57	53.30	53.11	0.88	ppb
Cadmium	111-1	51.16	50.16	50.86	50.73	1.02	ppb
Calcium	43-1	5067.62	5069.18	5027.10	5054.63	0.47	ppb
Calcium	44-1	5183.19	5238.66	5141.51	5187.79	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.70	49.78	50.05	49.84	0.37	ppb
Cobalt	59-2	51.67	51.63	51.20	51.50	0.50	ppb
Copper	63-2	525.64	526.28	523.46	525.12	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	2556.39	2577.56	2580.84	2571.60	0.52	ppb
Iron	56-2	2604.50	2627.89	2618.00	2616.80	0.45	ppb
Iron	57-2	2531.14	2536.76	2507.71	2525.20	0.61	ppb
Krypton	83-1						cps
Lead	206-1	240.31	241.75	240.69	240.92	0.31	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:49:47	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	243.29	242.48	241.23	242.33	0.43	ppb
Lead	208-1	248.86	248.72	247.26	248.28	0.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	5094.84	5056.19	5042.42	5064.48	0.54	ppb
Manganese	55-2	501.40	505.07	497.19	501.22	0.79	ppb
Molybdenum	94-1	499.20	498.78	494.91	497.63	0.48	ppb
Molybdenum	95-1	527.31	525.03	516.57	522.97	1.08	ppb
Molybdenum	96-1	524.57	516.51	505.16	515.42	1.89	ppb
Molybdenum	97-1	502.22	500.02	492.30	498.18	1.05	ppb
Molybdenum	98-1	531.37	519.56	512.33	521.09	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.31	54.90	55.28	54.83	0.89	ppb
Phosphorus	31-2	1015.19	931.37	1059.26	1001.94	6.48	ppb
Potassium	39-2	2370.77	2384.92	2367.38	2374.36	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	51.17	52.73	53.58	52.49	2.33	ppb
Selenium	77-2	41.52	53.07	45.77	46.78	12.48	ppb
Selenium	78-2	42.43	48.50	53.20	48.04	11.24	ppb
Silicon	28-1	53.25	53.16	52.34	52.92	0.94	ppb
Silver	107-1	50.97	50.43	51.69	51.03	1.24	ppb
Silver	109-1	51.33	50.76	51.72	51.27	0.95	ppb
Sodium	23-2	5016.49	5036.81	4979.42	5010.91	0.58	ppb
Strontium	86-1	1254.31	1228.96	1232.04	1238.44	1.12	ppb
Strontium	88-1	1250.88	1243.85	1235.64	1243.45	0.61	ppb
Sulfur	34-1	986.41	962.27	896.55	948.41	4.90	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	47.15	47.33	47.10	47.20	0.25	ppb
Thallium	205-1	48.00	48.07	48.27	48.11	0.30	ppb
Tin	118-1	49.56	49.20	49.75	49.50	0.57	ppb
Titanium	47-1	495.13	498.01	494.91	496.02	0.35	ppb
Uranium	238-1	46.81	46.50	46.41	46.57	0.45	ppb

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:49:47	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.05	50.59	50.48	50.37	0.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	519.18	525.36	524.16	522.90	0.63	ppb
Zirconium	90-1	49.14	49.18	48.45	48.92	0.84	ppb
Zirconium	91-1	49.71	49.38	48.35	49.14	1.45	ppb

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:53:03	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2443.62	2430.97	2444.95	2439.85	0.32	ppb
Antimony	121-1	130.97	127.42	122.58	126.99	3.32	ppb
Arsenic	75-2	127.97	123.59	126.14	125.90	1.75	ppb
Barium	135-1	649.08	626.20	608.21	627.83	3.26	ppb
Barium	137-1	680.77	662.18	641.12	661.35	3.00	ppb
Beryllium	9-1	138.42	130.33	126.25	131.67	4.71	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	142.17	137.76	131.47	137.13	3.92	ppb
Cadmium	106-1	138.24	135.12	130.66	134.67	2.83	ppb
Cadmium	111-1	135.36	131.77	125.76	130.96	3.70	ppb
Calcium	43-1	13641.15	12992.30	12696.75	13110.07	3.68	ppb
Calcium	44-1	13963.97	13136.62	12859.09	13319.90	4.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.57	123.94	124.37	123.63	0.76	ppb
Cobalt	59-2	126.51	126.25	127.20	126.65	0.39	ppb
Copper	63-2	1345.16	1368.39	1344.63	1352.73	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				101		%
Iron	54-2	6378.92	6311.37	6381.20	6357.16	0.62	ppb
Iron	56-2	6524.57	6395.00	6437.83	6452.47	1.02	ppb
Iron	57-2	6243.72	6167.69	6259.80	6223.74	0.79	ppb
Krypton	83-1						cps
Lead	206-1	701.61	665.63	630.75	665.99	5.32	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:53:03	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	704.75	662.17	638.74	668.55	5.01	ppb
Lead	208-1	693.41	651.76	630.89	658.69	4.83	ppb
Lithium	6-1				96		%
Magnesium	24-2	12993.98	12972.35	13195.43	13053.92	0.94	ppb
Manganese	55-2	1247.05	1242.96	1244.26	1244.76	0.17	ppb
Molybdenum	94-1	1387.28	1345.16	1291.22	1341.22	3.59	ppb
Molybdenum	95-1	1410.45	1354.71	1305.94	1357.03	3.85	ppb
Molybdenum	96-1	1407.45	1338.94	1283.73	1343.37	4.61	ppb
Molybdenum	97-1	1440.09	1343.03	1302.27	1361.80	5.20	ppb
Molybdenum	98-1	1407.80	1338.78	1290.17	1345.58	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.42	134.28	132.56	133.76	0.77	ppb
Phosphorus	31-2	2478.09	2472.65	2599.07	2516.60	2.84	ppb
Potassium	39-2	5927.67	5881.24	5938.94	5915.95	0.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	144.37	133.81	134.95	137.71	4.21	ppb
Selenium	77-2	144.86	126.14	138.51	136.50	6.97	ppb
Selenium	78-2	123.38	117.75	123.52	121.55	2.71	ppb
Silicon	28-1	144.20	135.91	133.34	137.82	4.12	ppb
Silver	107-1	135.22	131.30	126.95	131.16	3.15	ppb
Silver	109-1	134.66	132.59	127.49	131.58	2.81	ppb
Sodium	23-2	12716.17	12909.49	12809.35	12811.67	0.75	ppb
Strontium	86-1	3369.51	3236.92	3129.24	3245.22	3.71	ppb
Strontium	88-1	3572.29	3333.90	3235.71	3380.63	5.12	ppb
Sulfur	34-1	3113.20	2681.62	2528.49	2774.44	10.93	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	132.15	125.78	119.53	125.82	5.01	ppb
Thallium	205-1	140.84	132.03	125.53	132.80	5.79	ppb
Tin	118-1	132.99	129.21	124.61	128.93	3.26	ppb
Titanium	47-1	1419.68	1330.98	1290.97	1347.21	4.89	ppb
Uranium	238-1	136.57	132.13	125.57	131.42	4.21	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:53:03	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	126.48	125.89	127.20	126.53	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				103		%
Zinc	66-2	1290.68	1294.82	1299.52	1295.01	0.34	ppb
Zirconium	90-1	139.09	131.61	128.96	133.22	3.94	ppb
Zirconium	91-1	134.44	127.60	123.36	128.47	4.35	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:56:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4923.17	4869.49	4832.44	4875.03	0.94	ppb
Antimony	121-1	253.37	253.18	260.39	255.65	1.61	ppb
Arsenic	75-2	250.77	253.40	246.36	250.18	1.42	ppb
Barium	135-1	1257.58	1272.60	1299.89	1276.69	1.68	ppb
Barium	137-1	1236.24	1281.55	1296.58	1271.45	2.47	ppb
Beryllium	9-1	240.22	248.31	250.38	246.30	2.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	252.65	259.32	266.59	259.52	2.69	ppb
Cadmium	106-1	251.20	257.31	270.25	259.59	3.75	ppb
Cadmium	111-1	243.41	250.90	255.91	250.07	2.52	ppb
Calcium	43-1	24346.04	25179.96	24881.24	24802.42	1.70	ppb
Calcium	44-1	24717.40	25622.69	25536.03	25292.04	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.82	251.38	247.79	249.66	0.72	ppb
Cobalt	59-2	253.25	259.38	253.81	255.48	1.33	ppb
Copper	63-2	2690.15	2739.69	2668.37	2699.40	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	12670.58	12778.89	12731.36	12726.94	0.43	ppb
Iron	56-2	12980.33	12841.64	12887.02	12902.99	0.55	ppb
Iron	57-2	12441.23	12524.85	12399.25	12455.11	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1241.30	1280.11	1283.52	1268.31	1.85	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:56:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1233.43	1269.11	1272.74	1258.43	1.73	ppb
Lead	208-1	1224.15	1265.79	1256.96	1248.97	1.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	26251.73	26324.68	26103.67	26226.69	0.43	ppb
Manganese	55-2	2643.28	2703.45	2574.54	2640.42	2.44	ppb
Molybdenum	94-1	2493.41	2544.25	2558.62	2532.09	1.35	ppb
Molybdenum	95-1	2488.00	2552.62	2561.80	2534.14	1.59	ppb
Molybdenum	96-1	2474.63	2551.67	2536.53	2520.94	1.62	ppb
Molybdenum	97-1	2481.78	2572.79	2570.93	2541.83	2.05	ppb
Molybdenum	98-1	2493.57	2538.54	2579.70	2537.27	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.27	269.46	265.77	267.50	0.69	ppb
Phosphorus	31-2	5132.65	5208.72	5109.04	5150.14	1.01	ppb
Potassium	39-2	12012.52	11993.82	11935.98	11980.77	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	247.33	256.10	260.87	254.77	2.70	ppb
Selenium	77-2	263.57	269.32	244.90	259.26	4.92	ppb
Selenium	78-2	263.17	238.95	268.99	257.04	6.20	ppb
Silicon	28-1	256.08	263.25	258.59	259.31	1.40	ppb
Silver	107-1	256.00	265.05	273.06	264.70	3.22	ppb
Silver	109-1	259.17	263.10	266.99	263.09	1.49	ppb
Sodium	23-2	25877.33	26027.38	25895.64	25933.45	0.32	ppb
Strontium	86-1	5979.42	6116.08	6183.76	6093.09	1.71	ppb
Strontium	88-1	6214.91	6341.95	6350.00	6302.28	1.20	ppb
Sulfur	34-1	4836.09	5044.64	5004.56	4961.77	2.23	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	249.70	256.34	253.33	253.12	1.31	ppb
Thallium	205-1	249.45	253.80	254.45	252.57	1.08	ppb
Tin	118-1	241.66	245.26	251.84	246.25	2.10	ppb
Titanium	47-1	2531.06	2584.06	2570.42	2561.85	1.07	ppb
Uranium	238-1	239.37	250.77	249.39	246.51	2.53	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:56:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	256.78	259.96	254.08	256.94	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2573.10	2617.26	2561.67	2584.01	1.14	ppb
Zirconium	90-1	246.13	254.96	256.74	252.61	2.25	ppb
Zirconium	91-1	237.72	243.49	246.22	242.48	1.79	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:59:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9365.70	9220.90	9439.26	9341.95	1.19	ppb
Antimony	121-1	497.31	505.04	519.53	507.29	2.22	ppb
Arsenic	75-2	501.32	498.24	494.38	497.98	0.70	ppb
Barium	135-1	2494.45	2510.42	2510.99	2505.29	0.37	ppb
Barium	137-1	2467.90	2470.82	2524.55	2487.76	1.28	ppb
Beryllium	9-1	485.39	510.45	528.02	507.96	4.22	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	503.37	514.67	516.72	511.59	1.41	ppb
Cadmium	106-1	495.00	515.11	522.58	510.90	2.79	ppb
Cadmium	111-1	476.94	485.49	500.72	487.71	2.47	ppb
Calcium	43-1	48532.86	50167.89	50928.73	49876.49	2.45	ppb
Calcium	44-1	48566.21	50152.13	49817.68	49512.01	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.24	477.74	481.16	479.05	0.39	ppb
Cobalt	59-2	485.04	482.10	488.45	485.19	0.66	ppb
Copper	63-2	5020.63	4999.44	5043.12	5021.06	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	25489.90	25240.27	25799.83	25510.00	1.10	ppb
Iron	56-2	24577.78	24471.24	24806.35	24618.46	0.70	ppb
Iron	57-2	23875.83	23709.49	23974.10	23853.14	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2450.37	2532.15	2542.14	2508.22	2.01	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:59:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2450.40	2520.85	2524.66	2498.64	1.67	ppb
Lead	208-1	2446.91	2508.32	2519.94	2491.72	1.57	ppb
Lithium	6-1				103		%
Magnesium	24-2	49006.25	48974.12	49906.07	49295.48	1.07	ppb
Manganese	55-2	4965.58	5029.05	5046.58	5013.74	0.85	ppb
Molybdenum	94-1	4810.85	4948.57	5135.43	4964.95	3.28	ppb
Molybdenum	95-1	4850.50	4989.45	5162.37	5000.77	3.12	ppb
Molybdenum	96-1	4861.20	5031.81	5157.54	5016.85	2.96	ppb
Molybdenum	97-1	4890.50	5028.24	5181.73	5033.49	2.89	ppb
Molybdenum	98-1	4875.26	4989.81	5155.40	5006.83	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.43	503.96	504.99	505.79	0.46	ppb
Phosphorus	31-2	10090.99	9878.32	9800.90	9923.41	1.51	ppb
Potassium	39-2	24364.80	23765.46	24141.50	24090.59	1.26	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	500.67	505.88	517.26	507.94	1.67	ppb
Selenium	77-2	537.40	515.23	511.50	521.38	2.69	ppb
Selenium	78-2	516.13	489.25	517.63	507.67	3.15	ppb
Silicon	28-1	500.07	506.22	508.95	505.08	0.90	ppb
Silver	107-1	500.27	512.65	516.43	509.78	1.66	ppb
Silver	109-1	505.79	503.84	519.51	509.72	1.68	ppb
Sodium	23-2	49369.63	49223.70	49319.42	49304.25	0.15	ppb
Strontium	86-1	11703.07	11949.87	12314.54	11989.16	2.57	ppb
Strontium	88-1	12314.63	12349.56	12674.78	12446.33	1.60	ppb
Sulfur	34-1	9660.50	10046.53	10196.71	9967.91	2.78	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	487.57	510.37	504.60	500.85	2.37	ppb
Thallium	205-1	489.07	501.94	509.13	500.05	2.03	ppb
Tin	118-1	496.48	496.59	519.18	504.08	2.59	ppb
Titanium	47-1	4888.10	4987.04	5081.58	4985.57	1.94	ppb
Uranium	238-1	488.68	487.29	499.83	491.93	1.40	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:59:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	502.04	493.42	498.66	498.04	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	4889.33	4866.41	4912.75	4889.49	0.47	ppb
Zirconium	90-1	485.21	496.76	513.11	498.36	2.81	ppb
Zirconium	91-1	465.70	475.50	494.40	478.54	3.05	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:17:19	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18690.31	18820.17	18935.63	18815.37	0.65	ppb
Antimony	121-1	998.04	975.34	1010.82	994.73	1.81	ppb
Arsenic	75-2	1002.33	999.70	1000.60	1000.88	0.13	ppb
Barium	135-1	4921.44	4984.92	5065.73	4990.70	1.45	ppb
Barium	137-1	5006.64	4911.03	5071.48	4996.38	1.62	ppb
Beryllium	9-1	991.41	1004.12	992.65	996.06	0.70	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	990.16	982.19	997.98	990.11	0.80	ppb
Cadmium	106-1	993.03	973.53	1005.81	990.79	1.64	ppb
Cadmium	111-1	1024.65	997.63	993.75	1005.34	1.67	ppb
Calcium	43-1	100486.71	99342.34	101159.55	100329.53	0.92	ppb
Calcium	44-1	100608.61	99127.97	99684.00	99806.86	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1003.33	1024.61	1004.28	1010.74	1.19	ppb
Cobalt	59-2	997.41	1003.00	1016.84	1005.75	0.99	ppb
Copper	63-2	9804.84	9964.10	10007.62	9925.52	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	50084.91	49489.31	50757.98	50110.73	1.27	ppb
Iron	56-2	49027.06	49186.64	49112.01	49108.57	0.16	ppb
Iron	57-2	46848.99	46955.52	47602.07	47135.53	0.86	ppb
Krypton	83-1						cps
Lead	206-1	4926.79	4986.90	5046.23	4986.64	1.20	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:17:19	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4931.62	5027.87	5021.05	4993.51	1.08	ppb
Lead	208-1	4933.58	5039.39	5027.84	5000.27	1.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	97638.95	98231.99	98613.92	98161.62	0.50	ppb
Manganese	55-2	9987.87	9896.17	9991.83	9958.62	0.54	ppb
Molybdenum	94-1	10007.66	9972.72	10014.28	9998.22	0.22	ppb
Molybdenum	95-1	9976.53	9919.29	10033.83	9976.55	0.57	ppb
Molybdenum	96-1	9956.86	9945.72	10019.12	9973.90	0.40	ppb
Molybdenum	97-1	9910.79	9933.29	10032.66	9958.91	0.65	ppb
Molybdenum	98-1	9936.13	9956.63	10030.04	9974.27	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	979.32	989.51	1005.35	991.39	1.32	ppb
Phosphorus	31-2	19540.52	20304.25	20151.00	19998.59	2.02	ppb
Potassium	39-2	48710.31	48519.37	49025.86	48751.85	0.52	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	995.23	985.05	999.07	993.12	0.73	ppb
Selenium	77-2	967.13	1004.31	985.74	985.72	1.89	ppb
Selenium	78-2	1011.46	995.96	977.38	994.93	1.71	ppb
Silicon	28-1	1006.72	980.58	993.13	993.48	1.32	ppb
Silver	107-1	993.64	968.74	1009.45	990.61	2.07	ppb
Silver	109-1	992.01	983.57	997.38	990.98	0.70	ppb
Sodium	23-2	98190.46	98758.51	99083.98	98677.65	0.46	ppb
Strontium	86-1	25328.61	24844.59	25619.65	25264.28	1.55	ppb
Strontium	88-1	24922.73	24871.74	25104.58	24966.35	0.49	ppb
Sulfur	34-1	20097.15	19692.80	20191.68	19993.88	1.33	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	993.07	1007.77	995.65	998.83	0.79	ppb
Thallium	205-1	998.91	1000.08	996.37	998.45	0.19	ppb
Tin	118-1	992.51	990.06	1012.71	998.43	1.24	ppb
Titanium	47-1	10008.73	9828.02	10102.64	9979.80	1.40	ppb
Uranium	238-1	989.49	1009.45	1013.88	1004.27	1.29	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:17:19	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	990.91	995.70	1010.49	999.04	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	9986.76	9929.63	10166.04	10027.48	1.23	ppb
Zirconium	90-1	995.93	990.60	1011.05	999.20	1.06	ppb
Zirconium	91-1	1004.48	1010.42	1021.76	1012.22	0.87	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:20:05	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101150.33	99059.00	100722.75	100310.69	1.10	ppb
Antimony	121-1	0.40	0.37	0.33	0.37	9.10	ppb
Arsenic	75-2	0.53	0.43	0.44	0.47	11.38	ppb
Barium	135-1	3.78	3.68	3.59	3.69	2.56	ppb
Barium	137-1	4.03	3.71	3.54	3.76	6.65	ppb
Beryllium	9-1	0.30	0.24	0.25	0.26	11.70	ppb
Bismuth	209-1				76		%
Bismuth	209-2				68		%
Bromine	81-1						cps
Cadmium	108-1	0.62	0.84	0.46	0.64	29.23	ppb
Cadmium	106-1	-0.73	0.08	0.64	0.00	116257.17	ppb
Cadmium	111-1	0.17	0.17	0.24	0.19	20.26	ppb
Calcium	43-1	499869.43	501516.32	498435.69	499940.48	0.31	ppb
Calcium	44-1	499845.77	502610.87	497694.60	500050.41	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.55	1.39	1.24	1.39	11.20	ppb
Cobalt	59-2	2.00	2.08	2.08	2.05	2.13	ppb
Copper	63-2	1.35	1.38	1.31	1.35	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				86		%
Indium	115-1				82		%
Indium	115-2				80		%
Iron	54-2	249614.13	247607.73	252514.48	249912.11	0.99	ppb
Iron	56-2	250634.07	248033.70	251902.41	250190.06	0.79	ppb
Iron	57-2	247499.16	249133.19	255438.34	250690.23	1.67	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.79	0.70	0.81	15.02	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:20:05	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.88	0.81	0.67	0.79	13.44	ppb
Lead	208-1	0.92	0.80	0.68	0.80	14.81	ppb
Lithium	6-1				85		%
Magnesium	24-2	501201.60	497329.11	502556.12	500362.28	0.54	ppb
Manganese	55-2	4.46	4.22	4.30	4.33	2.83	ppb
Molybdenum	94-1	2.98	2.82	2.33	2.71	12.54	ppb
Molybdenum	95-1	2.15	1.83	1.61	1.86	14.46	ppb
Molybdenum	96-1	3.03	2.56	2.51	2.70	10.55	ppb
Molybdenum	97-1	1.91	1.64	1.46	1.67	13.47	ppb
Molybdenum	98-1	1.77	1.52	1.26	1.52	16.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.25	2.56	2.41	6.49	ppb
Phosphorus	31-2	-3.49	-22.79	-12.20	-12.83		ppb
Potassium	39-2	252082.87	247242.87	251802.73	250376.16	1.09	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	82-1	0.74	0.65	0.37	0.58	33.07	ppb
Selenium	77-2	0.00	0.00	2.37	0.79	173.21	ppb
Selenium	78-2	-0.22	-0.22	-0.87	-0.44		ppb
Silicon	28-1	1.73	1.50	1.35	1.53	12.55	ppb
Silver	107-1	0.17	0.14	0.11	0.14	18.50	ppb
Silver	109-1	0.17	0.14	0.12	0.14	17.84	ppb
Sodium	23-2	503092.75	497454.16	500291.49	500279.47	0.56	ppb
Strontium	86-1	75.39	80.69	76.71	77.60	3.56	ppb
Strontium	88-1	76.33	77.15	76.98	76.82	0.56	ppb
Sulfur	34-1	42.98	57.42	3.30	34.57	81.08	ppb
Terbium	159-1				89		%
Terbium	159-2				84		%
Thallium	203-1	0.17	0.10	0.09	0.12	32.76	ppb
Thallium	205-1	0.15	0.11	0.08	0.11	31.75	ppb
Tin	118-1	0.19	0.18	0.13	0.17	17.54	ppb
Titanium	47-1	4.02	3.81	3.85	3.89	2.81	ppb
Uranium	238-1	0.11	0.08	0.06	0.08	27.93	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:20:05	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.31	0.28	0.28	9.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	4.34	4.15	4.17	4.22	2.48	ppb
Zirconium	90-1	0.56	0.56	0.54	0.56	2.00	ppb
Zirconium	91-1	0.62	0.57	0.58	0.59	5.25	ppb

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:33:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.89	486.36	445.68	468.98	4.47	ppb
Antimony	121-1	197.78	197.54	192.49	195.94	1.53	ppb
Arsenic	75-2	204.86	205.61	195.27	201.91	2.86	ppb
Barium	135-1	102.19	103.54	99.25	101.66	2.16	ppb
Barium	137-1	104.40	105.13	100.66	103.40	2.32	ppb
Beryllium	9-1	103.38	102.90	99.35	101.88	2.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	126.58	127.15	122.03	125.25	2.24	ppb
Cadmium	106-1	86.72	87.71	85.17	86.53	1.48	ppb
Cadmium	111-1	104.40	105.82	102.24	104.15	1.73	ppb
Calcium	43-1	1983.70	2021.74	1956.15	1987.20	1.66	ppb
Calcium	44-1	1994.21	2020.67	1958.69	1991.19	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.33	102.48	96.55	100.12	3.14	ppb
Cobalt	59-2	105.76	105.68	101.69	104.38	2.23	ppb
Copper	63-2	110.44	111.24	106.63	109.44	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	54-2	2170.11	2174.48	2100.47	2148.35	1.93	ppb
Iron	56-2	2216.08	2157.66	2097.48	2157.07	2.75	ppb
Iron	57-2	2065.44	2080.44	1995.50	2047.13	2.21	ppb
Krypton	83-1						cps
Lead	206-1	202.56	208.48	195.60	202.22	3.19	ppb

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:33:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	195.87	199.85	189.60	195.11	2.65	ppb
Lead	208-1	204.60	208.89	197.38	203.62	2.86	ppb
Lithium	6-1				95		%
Magnesium	24-2	1153.50	1160.62	1107.29	1140.47	2.54	ppb
Manganese	55-2	103.74	103.72	100.24	102.57	1.96	ppb
Molybdenum	94-1	4069.25	4066.64	3941.82	4025.90	1.81	ppb
Molybdenum	95-1	5018.96	4958.87	4785.36	4921.06	2.46	ppb
Molybdenum	96-1	4852.92	4861.11	4705.29	4806.44	1.82	ppb
Molybdenum	97-1	4963.96	4964.16	4787.48	4905.20	2.08	ppb
Molybdenum	98-1	5006.51	4981.38	4849.98	4945.95	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.47	111.09	108.27	110.61	1.94	ppb
Phosphorus	31-2	-28.53	-14.62	-18.35	-20.50		ppb
Potassium	39-2	1919.88	1947.11	1862.93	1909.97	2.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	213.34	211.02	203.93	209.43	2.34	ppb
Selenium	77-2	199.59	211.19	217.15	209.31	4.27	ppb
Selenium	78-2	197.47	195.48	187.49	193.48	2.73	ppb
Silicon	28-1	0.19	0.22	0.11	0.17	33.78	ppb
Silver	107-1	49.00	50.00	47.70	48.90	2.36	ppb
Silver	109-1	49.46	50.27	48.37	49.37	1.93	ppb
Sodium	23-2	1962.31	1973.72	1883.93	1939.99	2.52	ppb
Strontium	86-1	5.49	5.91	5.29	5.56	5.65	ppb
Strontium	88-1	5.75	6.19	5.84	5.92	3.92	ppb
Sulfur	34-1	-326.18	-295.01	-478.47	-366.55		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	192.45	195.84	186.98	191.75	2.33	ppb
Thallium	205-1	208.27	207.35	197.93	204.52	2.80	ppb
Tin	118-1	0.07	0.05	0.10	0.07	36.22	ppb
Titanium	47-1	0.34	0.27	0.23	0.28	19.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:33:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	102.30	102.07	97.38	100.59	2.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	212.82	213.73	205.77	210.77	2.07	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	172.04	ppb
Zirconium	91-1	0.13	0.09	0.10	0.10	18.86	ppb

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:36:39	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	0.25	-0.09	-0.06		ppb
Antimony	121-1	0.09	0.08	0.08	0.08	6.69	ppb
Arsenic	75-2	0.02	-0.04	-0.04	-0.02		ppb
Barium	135-1	0.07	0.05	0.06	0.06	18.27	ppb
Barium	137-1	0.11	0.07	0.06	0.08	33.80	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	16.24	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.15	0.07	0.07	109.79	ppb
Cadmium	106-1	-0.14	-1.04	-1.80	-0.99		ppb
Cadmium	111-1	-0.01	-0.08	-0.14	-0.08		ppb
Calcium	43-1	-0.40	-0.06	0.99	0.18	405.00	ppb
Calcium	44-1	0.52	-0.53	0.31	0.10	562.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	0.03	0.03	22.92	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	50.43	ppb
Copper	63-2	0.16	0.05	0.10	0.10	53.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	0.47	1.20	1.52	1.06	50.23	ppb
Iron	56-2	0.67	0.76	0.60	0.68	11.81	ppb
Iron	57-2	0.31	-0.56	-0.21	-0.15		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.01	0.03	54.76	ppb

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:36:39	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.03	0.04	0.03	51.44	ppb
Lead	208-1	0.04	0.04	0.03	0.04	18.10	ppb
Lithium	6-1				94		%
Magnesium	24-2	-2.48	-2.34	-1.99	-2.27		ppb
Manganese	55-2	0.05	0.00	0.00	0.02	182.39	ppb
Molybdenum	94-1	0.42	0.32	0.31	0.35	18.05	ppb
Molybdenum	95-1	0.46	0.38	0.39	0.41	10.66	ppb
Molybdenum	96-1	0.55	0.37	0.35	0.42	25.32	ppb
Molybdenum	97-1	0.48	0.41	0.40	0.43	9.79	ppb
Molybdenum	98-1	0.45	0.41	0.36	0.41	10.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.07	0.18	0.13	40.13	ppb
Phosphorus	31-2	-25.42	-22.78	-22.32	-23.51		ppb
Potassium	39-2	3.81	9.24	4.68	5.91	49.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.54	0.50	0.10	0.38	65.01	ppb
Selenium	77-2	0.00	1.99	0.00	0.66	173.21	ppb
Selenium	78-2	-1.56	-1.56	-0.37	-1.17		ppb
Silicon	28-1	0.07	-0.01	-0.06	0.00		ppb
Silver	107-1	0.04	0.02	0.01	0.02	51.90	ppb
Silver	109-1	0.04	0.02	0.02	0.03	22.22	ppb
Sodium	23-2	9.31	7.21	9.41	8.64	14.41	ppb
Strontium	86-1	-0.29	0.35	-0.02	0.01	2493.96	ppb
Strontium	88-1	-0.06	-0.11	-0.11	-0.09		ppb
Sulfur	34-1	-166.84	-290.62	-356.82	-271.42		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.02	0.03	0.03	19.47	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	18.69	ppb
Tin	118-1	0.01	0.00	0.00	0.00	106.92	ppb
Titanium	47-1	0.00	0.00	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:36:39	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.01	68.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	-0.03	-0.33	-0.16		ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	116.07	ppb

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:40:01	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94254.13	92160.26	91146.17	92520.18	1.71	ppb
Antimony	121-1	1.20	1.13	1.12	1.15	3.32	ppb
Arsenic	75-2	0.50	0.24	0.39	0.38	34.03	ppb
Barium	135-1	1.66	1.56	1.44	1.55	7.09	ppb
Barium	137-1	1.56	1.53	1.48	1.53	2.57	ppb
Beryllium	9-1	0.32	0.33	0.28	0.31	8.07	ppb
Bismuth	209-1				86		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	15.47	13.88	13.59	14.31	7.05	ppb
Cadmium	106-1	-0.14	-2.08	-2.31	-1.51		ppb
Cadmium	111-1	0.57	0.34	0.31	0.41	34.61	ppb
Calcium	43-1	110178.13	105145.26	102499.13	105940.84	3.68	ppb
Calcium	44-1	109191.15	103043.19	102127.70	104787.35	3.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.44	19.56	19.11	19.37	1.20	ppb
Cobalt	59-2	1.14	1.09	1.09	1.10	2.65	ppb
Copper	63-2	7.85	7.91	8.02	7.93	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				96		%
Holmium	165-2				101		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	54-2	105636.82	101689.92	102762.76	103363.17	1.97	ppb
Iron	56-2	104344.88	102103.58	102097.74	102848.73	1.26	ppb
Iron	57-2	105598.35	104654.74	105704.11	105319.07	0.55	ppb
Krypton	83-1						cps
Lead	206-1	5.08	4.81	4.82	4.90	3.08	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:40:01	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.75	4.34	4.36	4.48	5.06	ppb
Lead	208-1	4.76	4.49	4.47	4.57	3.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	96013.97	94547.75	94605.69	95055.80	0.87	ppb
Manganese	55-2	7.41	7.51	7.31	7.41	1.38	ppb
Molybdenum	94-1	1810.53	1679.67	1666.54	1718.91	4.63	ppb
Molybdenum	95-1	2178.48	2053.46	2038.26	2090.07	3.68	ppb
Molybdenum	96-1	2125.49	2006.21	1979.35	2037.02	3.82	ppb
Molybdenum	97-1	2190.53	2079.85	2038.17	2102.85	3.74	ppb
Molybdenum	98-1	2187.46	2065.95	2009.86	2087.76	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.70	5.42	5.68	5.60	2.79	ppb
Phosphorus	31-2	107093.87	105484.92	105200.32	105926.37	0.96	ppb
Potassium	39-2	99128.74	97209.84	97585.22	97974.60	1.04	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	0.93	0.63	0.31	0.62	49.22	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.99	-1.56	-1.56	-1.37		ppb
Silicon	28-1	2.23	1.97	1.85	2.02	9.53	ppb
Silver	107-1	0.13	0.12	0.10	0.11	14.87	ppb
Silver	109-1	0.13	0.12	0.10	0.12	14.25	ppb
Sodium	23-2	102555.47	100361.02	100064.58	100993.69	1.35	ppb
Strontium	86-1	861.94	806.15	803.23	823.77	4.02	ppb
Strontium	88-1	861.44	819.00	795.08	825.17	4.07	ppb
Sulfur	34-1	89279.84	85381.31	82130.64	85597.27	4.18	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	0.15	0.13	0.12	0.13	9.54	ppb
Thallium	205-1	0.15	0.13	0.14	0.14	6.70	ppb
Tin	118-1	0.30	0.34	0.28	0.31	9.16	ppb
Titanium	47-1	2261.80	2190.72	2164.76	2205.76	2.28	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	14.41	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:40:01	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.15	0.17	0.16	5.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	10.87	10.92	10.44	10.75	2.46	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	0.69	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	20.59	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:43:10	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93208.37	93335.98	92413.92	92986.09	0.54	ppb
Antimony	121-1	18.47	20.44	21.01	19.98	6.68	ppb
Arsenic	75-2	21.46	21.95	19.86	21.09	5.19	ppb
Barium	135-1	19.23	21.16	21.86	20.75	6.56	ppb
Barium	137-1	19.47	22.11	22.03	21.21	7.09	ppb
Beryllium	9-1	18.66	20.38	20.46	19.84	5.13	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	28.82	30.41	30.10	29.78	2.82	ppb
Cadmium	106-1	13.04	16.58	14.54	14.72	12.06	ppb
Cadmium	111-1	17.40	19.44	19.69	18.84	6.67	ppb
Calcium	43-1	91713.95	101876.03	100170.24	97920.07	5.56	ppb
Calcium	44-1	91572.57	101111.53	100645.69	97776.60	5.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.22	39.05	38.15	38.47	1.31	ppb
Cobalt	59-2	21.08	20.53	20.40	20.67	1.74	ppb
Copper	63-2	27.92	28.18	28.19	28.10	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				105		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	103700.94	105537.05	102911.48	104049.82	1.29	ppb
Iron	56-2	103432.68	104445.94	102361.50	103413.37	1.01	ppb
Iron	57-2	105672.81	106980.29	104006.96	105553.35	1.41	ppb
Krypton	83-1						cps
Lead	206-1	23.14	24.80	25.19	24.37	4.46	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:43:10	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.33	24.05	24.29	23.56	4.54	ppb
Lead	208-1	22.20	24.04	24.24	23.49	4.77	ppb
Lithium	6-1				102		%
Magnesium	24-2	97434.83	97039.50	95490.33	96654.89	1.06	ppb
Manganese	55-2	27.48	27.59	26.73	27.27	1.72	ppb
Molybdenum	94-1	1515.60	1675.90	1637.14	1609.54	5.20	ppb
Molybdenum	95-1	1845.38	2036.87	1986.62	1956.29	5.07	ppb
Molybdenum	96-1	1777.96	1981.93	1986.18	1915.36	6.21	ppb
Molybdenum	97-1	1842.18	2027.85	2014.63	1961.55	5.28	ppb
Molybdenum	98-1	1854.98	2041.38	2003.93	1966.76	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.70	25.82	25.37	25.63	0.92	ppb
Phosphorus	31-2	106150.57	107779.97	105441.77	106457.44	1.13	ppb
Potassium	39-2	99592.19	99496.96	98677.75	99255.63	0.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	19.73	21.14	20.96	20.61	3.72	ppb
Selenium	77-2	20.90	26.65	18.99	22.18	17.98	ppb
Selenium	78-2	20.13	15.71	21.24	19.02	15.36	ppb
Silicon	28-1	1.48	2.01	1.98	1.82	16.20	ppb
Silver	107-1	16.53	18.49	18.41	17.81	6.24	ppb
Silver	109-1	16.62	18.46	18.75	17.94	6.46	ppb
Sodium	23-2	102454.87	101729.28	101475.19	101886.45	0.50	ppb
Strontium	86-1	716.13	808.18	798.37	774.23	6.53	ppb
Strontium	88-1	720.21	799.02	795.64	771.63	5.77	ppb
Sulfur	34-1	74950.63	83179.60	83115.22	80415.15	5.89	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	18.23	19.57	19.85	19.22	4.51	ppb
Thallium	205-1	18.32	19.87	20.05	19.41	4.89	ppb
Tin	118-1	0.19	0.30	0.20	0.23	24.90	ppb
Titanium	47-1	1932.85	2114.72	2111.43	2053.00	5.07	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	10.34	ppb

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:43:10	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.96	19.86	19.86	19.89	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	31.24	31.52	30.22	30.99	2.21	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	35.66	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	11.11	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P8
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:57:37	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47015.69	46750.77	46895.12	46887.19	0.28	ppb
Antimony	121-1	468.23	479.87	475.79	474.63	1.24	ppb
Arsenic	75-2	468.04	465.98	475.44	469.82	1.06	ppb
Barium	135-1	2363.51	2456.41	2376.77	2398.90	2.09	ppb
Barium	137-1	2330.23	2442.60	2371.40	2381.41	2.39	ppb
Beryllium	9-1	473.79	502.41	497.62	491.27	3.12	ppb
Bismuth	209-1				82		%
Bismuth	209-2				76		%
Bromine	81-1						cps
Cadmium	108-1	505.57	517.31	519.80	514.23	1.48	ppb
Cadmium	106-1	498.69	522.58	520.87	514.05	2.59	ppb
Cadmium	111-1	476.26	501.34	507.02	494.88	3.31	ppb
Calcium	43-1	235919.11	243727.41	245707.25	241784.59	2.14	ppb
Calcium	44-1	235532.99	243241.17	247732.40	242168.85	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	458.34	460.61	456.64	458.53	0.43	ppb
Cobalt	59-2	450.35	456.82	453.34	453.50	0.71	ppb
Copper	63-2	4586.16	4594.39	4567.47	4582.67	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				92		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	54-2	120221.66	119613.62	120419.59	120084.96	0.35	ppb
Iron	56-2	118743.75	120190.54	118926.33	119286.88	0.66	ppb
Iron	57-2	119507.26	122332.83	119033.08	120291.06	1.48	ppb
Krypton	83-1						cps
Lead	206-1	2397.66	2516.64	2496.60	2470.30	2.58	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P8
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:57:37	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2402.44	2495.87	2494.00	2464.10	2.17	ppb
Lead	208-1	2377.40	2479.86	2475.93	2444.40	2.38	ppb
Lithium	6-1				87		%
Magnesium	24-2	235591.05	234805.38	235166.04	235187.49	0.17	ppb
Manganese	55-2	4863.17	4882.57	4823.44	4856.40	0.62	ppb
Molybdenum	94-1	4795.57	4832.07	5041.63	4889.76	2.72	ppb
Molybdenum	95-1	4760.80	4870.85	4945.46	4859.04	1.91	ppb
Molybdenum	96-1	4750.78	4837.03	4996.35	4861.39	2.56	ppb
Molybdenum	97-1	4727.11	4737.76	5003.58	4822.82	3.25	ppb
Molybdenum	98-1	4776.28	4813.49	5042.39	4877.39	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.78	467.22	465.25	465.08	0.48	ppb
Phosphorus	31-2	9485.70	9644.99	9490.09	9540.26	0.95	ppb
Potassium	39-2	117921.94	116557.93	116375.28	116951.72	0.72	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	449.04	459.10	476.20	461.45	2.98	ppb
Selenium	77-2	401.87	440.45	431.63	424.65	4.76	ppb
Selenium	78-2	423.62	458.19	460.97	447.60	4.65	ppb
Silicon	28-1	239.68	244.08	246.14	243.30	1.36	ppb
Silver	107-1	452.75	474.09	464.72	463.85	2.31	ppb
Silver	109-1	443.83	465.91	462.61	457.45	2.60	ppb
Sodium	23-2	235163.76	236597.53	234604.16	235455.15	0.44	ppb
Strontium	86-1	11146.49	11458.34	11879.40	11494.74	3.20	ppb
Strontium	88-1	11814.21	11897.16	12271.17	11994.18	2.03	ppb
Sulfur	34-1	9142.35	9584.79	9590.77	9439.30	2.72	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	487.18	500.57	509.66	499.14	2.26	ppb
Thallium	205-1	487.32	494.58	499.27	493.72	1.22	ppb
Tin	118-1	461.10	489.52	479.38	476.66	3.02	ppb
Titanium	47-1	4697.32	4957.79	4907.76	4854.29	2.85	ppb
Uranium	238-1	489.06	506.12	505.27	500.15	1.92	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P8
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:57:37	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	481.97	490.86	485.42	486.08	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	4887.74	4917.75	4924.48	4909.99	0.40	ppb
Zirconium	90-1	464.88	481.88	498.24	481.66	3.46	ppb
Zirconium	91-1	448.75	460.18	474.95	461.29	2.85	ppb

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P8
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:01:38	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.64	0.28	0.52	39.28	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	5.12	ppb
Arsenic	75-2	-0.04	-0.01	0.02	-0.01		ppb
Barium	135-1	0.21	0.24	0.19	0.21	12.27	ppb
Barium	137-1	0.23	0.22	0.20	0.22	7.41	ppb
Beryllium	9-1	0.14	0.15	0.13	0.14	5.78	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	-0.06	0.02	0.02	-0.01		ppb
Cadmium	106-1	0.96	0.08	-0.64	0.13	604.53	ppb
Cadmium	111-1	0.11	0.03	-0.04	0.03	242.95	ppb
Calcium	43-1	4.18	6.89	4.14	5.07	31.01	ppb
Calcium	44-1	5.00	3.76	3.52	4.09	19.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.04	-0.04	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.02	0.00	371.14	ppb
Copper	63-2	0.11	0.05	0.04	0.07	58.50	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				95		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	2.11	3.10	3.49	2.90	24.54	ppb
Iron	56-2	2.36	2.31	2.04	2.24	7.65	ppb
Iron	57-2	2.96	1.58	1.06	1.87	52.72	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.13	0.13	3.97	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P8
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:01:38	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.11	0.12	0.12	16.37	ppb
Lead	208-1	0.16	0.14	0.13	0.14	10.88	ppb
Lithium	6-1				92		%
Magnesium	24-2	0.35	0.07	0.09	0.17	91.73	ppb
Manganese	55-2	0.24	0.09	0.12	0.15	54.12	ppb
Molybdenum	94-1	0.19	0.10	0.08	0.12	44.55	ppb
Molybdenum	95-1	0.17	0.14	0.12	0.14	18.61	ppb
Molybdenum	96-1	0.15	0.13	0.12	0.13	10.05	ppb
Molybdenum	97-1	0.15	0.14	0.12	0.14	10.95	ppb
Molybdenum	98-1	0.16	0.10	0.09	0.12	31.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.08	0.16	0.14	35.25	ppb
Phosphorus	31-2	-19.67	-22.49	-22.32	-21.49		ppb
Potassium	39-2	11.55	9.70	11.78	11.01	10.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.00	0.32	0.63	0.32	100.14	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.56	-1.56	-0.97	-1.36		ppb
Silicon	28-1	0.06	0.05	0.03	0.05	32.27	ppb
Silver	107-1	0.04	0.04	0.02	0.03	25.47	ppb
Silver	109-1	0.04	0.03	0.03	0.03	19.77	ppb
Sodium	23-2	18.70	18.76	18.44	18.63	0.92	ppb
Strontium	86-1	-0.25	-0.17	-0.35	-0.26		ppb
Strontium	88-1	0.20	0.02	-0.07	0.05	267.35	ppb
Sulfur	34-1	-242.53	-232.86	-254.94	-243.44		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.06	0.05	0.05	7.70	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	10.47	ppb
Tin	118-1	0.03	0.04	0.03	0.04	23.77	ppb
Titanium	47-1	0.16	0.10	0.06	0.11	45.35	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	43.20	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P8
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:01:38	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	419.22	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	0.00	0.17	-0.15	0.01	2282.54	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	13.08	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	15.05	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BL	Instrumnet Name :	P8
Client Sample ID :	PBS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:08:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.89	0.17	0.96	1.34	104.21	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	39.59	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	1107.75	ppb
Barium	135-1	0.08	0.04	0.07	0.06	34.60	ppb
Barium	137-1	0.09	0.10	0.13	0.11	22.75	ppb
Beryllium	9-1	0.06	0.05	0.09	0.07	35.55	ppb
Bismuth	209-1				86		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.02	0.02	0.03	60.18	ppb
Cadmium	106-1	-1.24	-1.64	-1.39	-1.42		ppb
Cadmium	111-1	-0.09	-0.12	-0.10	-0.10		ppb
Calcium	43-1	0.15	-0.67	2.81	0.77	237.61	ppb
Calcium	44-1	-0.49	-0.87	0.96	-0.13		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.05	-0.01	-0.01		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.12	0.10	0.07	0.10	26.53	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				87		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				96		%
Iron	54-2	4.09	4.51	3.50	4.03	12.54	ppb
Iron	56-2	3.98	3.70	3.45	3.71	7.17	ppb
Iron	57-2	5.59	2.53	3.80	3.97	38.71	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.24	0.22	7.86	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BL	Instrumnet Name :	P8
Client Sample ID :	PBS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:08:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.20	0.22	0.20	12.84	ppb
Lead	208-1	0.20	0.19	0.23	0.21	9.18	ppb
Lithium	6-1				83		%
Magnesium	24-2	-1.41	-2.42	-0.94	-1.59		ppb
Manganese	55-2	0.26	0.18	0.24	0.22	18.37	ppb
Molybdenum	94-1	0.01	-0.01	0.04	0.01	186.97	ppb
Molybdenum	95-1	0.03	0.01	0.03	0.02	37.65	ppb
Molybdenum	96-1	0.02	0.01	0.03	0.02	40.00	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	19.17	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	116.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.07	0.11	0.07	42.70	ppb
Phosphorus	31-2	-18.59	-13.31	-24.69	-18.86		ppb
Potassium	39-2	8.63	7.42	11.21	9.09	21.34	ppb
Rhodium	103-1				88		%
Rhodium	103-2				96		%
Scandium	45-1				88		%
Scandium	45-2				94		%
Selenium	82-1	0.75	-0.01	0.36	0.37	103.85	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	-1.56	-1.56	-1.15		ppb
Silicon	28-1	0.11	0.06	0.87	0.35	131.23	ppb
Silver	107-1	0.02	0.01	0.01	0.01	15.07	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.47	ppb
Sodium	23-2	9.40	8.64	12.05	10.03	17.84	ppb
Strontium	86-1	-0.02	-0.21	0.73	0.17	293.70	ppb
Strontium	88-1	-0.08	-0.18	-0.15	-0.13		ppb
Sulfur	34-1	-326.60	-322.80	682.73	11.11	5234.54	ppb
Terbium	159-1				88		%
Terbium	159-2				95		%
Thallium	203-1	0.06	0.06	0.07	0.06	5.96	ppb
Thallium	205-1	0.06	0.05	0.08	0.06	17.79	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00		ppb
Titanium	47-1	0.08	0.08	0.12	0.10	24.24	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BL	Instrumnet Name :	P8
Client Sample ID :	PBS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:08:17	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	22.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				96		%
Zinc	66-2	0.10	-0.11	-0.09	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	80.62	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BS	Instrumnet Name :	P8
Client Sample ID :	LCS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:11:41	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.43	40.94	31.89	38.09	14.11	ppb
Antimony	121-1	3.86	3.94	4.10	3.96	3.10	ppb
Arsenic	75-2	2.58	2.30	1.43	2.11	28.46	ppb
Barium	135-1	19.86	20.23	20.82	20.30	2.38	ppb
Barium	137-1	19.91	20.03	20.89	20.28	2.63	ppb
Beryllium	9-1	2.13	2.18	2.28	2.19	3.39	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	2.19	1.92	2.40	2.17	10.99	ppb
Cadmium	106-1	0.37	0.48	1.20	0.68	65.59	ppb
Cadmium	111-1	1.82	1.88	2.01	1.90	5.30	ppb
Calcium	43-1	999.31	1033.50	1051.33	1028.05	2.57	ppb
Calcium	44-1	1004.10	1030.78	1053.01	1029.30	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.27	4.01	3.33	3.87	12.61	ppb
Cobalt	59-2	2.28	2.16	1.80	2.08	11.97	ppb
Copper	63-2	5.39	5.10	3.99	4.83	15.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	54-2	447.10	430.59	359.13	412.27	11.34	ppb
Iron	56-2	454.74	437.68	351.55	414.66	13.34	ppb
Iron	57-2	458.63	440.36	346.01	415.00	14.56	ppb
Krypton	83-1						cps
Lead	206-1	1.99	2.09	2.19	2.09	4.96	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BS	Instrumnet Name :	P8
Client Sample ID :	LCS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:11:41	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.97	2.17	2.13	2.09	5.17	ppb
Lead	208-1	2.01	2.09	2.17	2.09	3.89	ppb
Lithium	6-1				87		%
Magnesium	24-2	1027.54	989.60	808.40	941.85	12.43	ppb
Manganese	55-2	2.55	2.34	2.08	2.32	10.16	ppb
Molybdenum	94-1	11.51	12.01	12.34	11.95	3.47	ppb
Molybdenum	95-1	10.00	10.00	10.39	10.13	2.25	ppb
Molybdenum	96-1	9.81	10.20	10.35	10.12	2.73	ppb
Molybdenum	97-1	9.73	10.24	10.35	10.10	3.27	ppb
Molybdenum	98-1	9.81	9.81	10.41	10.01	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.32	1.83	2.15	12.93	ppb
Phosphorus	31-2	56.17	31.10	10.15	32.47	70.95	ppb
Potassium	39-2	1052.47	1019.23	830.92	967.54	12.35	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	9.93	11.55	11.56	11.01	8.54	ppb
Selenium	77-2	8.90	10.89	15.71	11.83	29.58	ppb
Selenium	78-2	10.16	10.55	7.64	9.45	16.77	ppb
Silicon	28-1	1.86	1.89	2.07	1.94	5.70	ppb
Silver	107-1	1.96	1.99	2.06	2.00	2.51	ppb
Silver	109-1	1.98	2.04	2.08	2.03	2.39	ppb
Sodium	23-2	1078.07	1025.67	832.36	978.70	13.22	ppb
Strontium	86-1	47.16	47.92	48.51	47.86	1.41	ppb
Strontium	88-1	47.23	47.53	49.49	48.08	2.55	ppb
Sulfur	34-1	-281.38	-251.14	-92.52	-208.35		ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	1.88	1.90	2.01	1.93	3.68	ppb
Thallium	205-1	1.93	1.91	2.09	1.98	4.89	ppb
Tin	118-1	10.07	10.00	10.31	10.13	1.64	ppb
Titanium	47-1	2.55	2.65	2.62	2.61	1.98	ppb
Uranium	238-1	1.86	1.88	1.97	1.91	3.13	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BS	Instrumnet Name :	P8
Client Sample ID :	LCS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:11:41	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	11.48	10.56	8.88	10.31	12.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				99		%
Zinc	66-2	10.58	11.40	8.62	10.20	13.98	ppb
Zirconium	90-1	1.93	1.92	2.10	1.98	5.06	ppb
Zirconium	91-1	1.94	1.95	2.07	1.99	3.74	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BL	Instrumnet Name :	P8
Client Sample ID :	PBS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:15:03	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.05	-0.18	-0.05		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	37.56	ppb
Arsenic	75-2	-0.04	-0.01	-0.04	-0.03		ppb
Barium	135-1	0.05	0.01	0.05	0.04	60.67	ppb
Barium	137-1	0.06	0.05	0.06	0.06	4.94	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	23.78	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.08	-0.08	0.05	0.01	612.26	ppb
Cadmium	106-1	-1.94	-2.07	-2.08	-2.03		ppb
Cadmium	111-1	-0.15	-0.15	-0.15	-0.15		ppb
Calcium	43-1	-1.67	-0.26	-2.90	-1.61		ppb
Calcium	44-1	-1.27	-0.88	-1.19	-1.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.04	0.01	0.01	260.21	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	102.41	ppb
Copper	63-2	0.05	0.00	0.11	0.05	96.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	1.40	0.63	1.07	1.04	37.55	ppb
Iron	56-2	0.81	0.95	0.76	0.84	11.62	ppb
Iron	57-2	0.32	0.64	1.05	0.67	54.58	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.07	0.06	22.70	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BL	Instrumnet Name :	P8
Client Sample ID :	PBS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:15:03	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.04	0.05	0.05	16.13	ppb
Lead	208-1	0.06	0.05	0.06	0.06	9.35	ppb
Lithium	6-1				88		%
Magnesium	24-2	-1.70	-1.39	-1.01	-1.37		ppb
Manganese	55-2	0.10	-0.02	0.07	0.05	125.50	ppb
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	8.65	ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	185.98	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	27.51	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.07	0.19	0.15	46.84	ppb
Phosphorus	31-2	-27.65	-15.50	-18.69	-20.61		ppb
Potassium	39-2	7.40	6.29	8.31	7.33	13.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.25	0.09	0.05	0.13	82.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.56	-0.94	-0.95	-1.15		ppb
Silicon	28-1	-0.01	-0.04	0.01	-0.01		ppb
Silver	107-1	0.02	0.01	0.02	0.02	11.53	ppb
Silver	109-1	0.02	0.01	0.01	0.01	12.69	ppb
Sodium	23-2	5.44	6.20	5.44	5.70	7.68	ppb
Strontium	86-1	-0.30	-0.40	-0.42	-0.37		ppb
Strontium	88-1	-0.17	-0.20	-0.18	-0.18		ppb
Sulfur	34-1	-378.05	-502.52	-433.79	-438.12		ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.04	0.03	0.04	16.02	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	19.48	ppb
Tin	118-1	0.00	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.03	0.00	0.02	0.01	119.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BL	Instrumnet Name :	P8
Client Sample ID :	PBS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:15:03	DataFile Name :	026CCBE.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				95		%
Yttrium	89-2				95		%
Zinc	66-2	-0.13	0.14	-0.33	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	758.77	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	695.73	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BS	Instrumnet Name :	P8
Client Sample ID :	LCS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:18:28	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.90	41.37	41.42	41.56	0.70	ppb
Antimony	121-1	4.12	3.86	4.12	4.03	3.64	ppb
Arsenic	75-2	2.77	2.31	2.33	2.47	10.48	ppb
Barium	135-1	20.26	20.06	20.56	20.30	1.25	ppb
Barium	137-1	20.66	19.98	20.74	20.46	2.06	ppb
Beryllium	9-1	2.10	2.08	2.08	2.09	0.61	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	2.14	1.91	2.38	2.14	11.07	ppb
Cadmium	106-1	1.05	0.28	0.21	0.52	90.09	ppb
Cadmium	111-1	2.00	1.94	1.96	1.97	1.47	ppb
Calcium	43-1	1028.51	1020.80	1035.91	1028.41	0.73	ppb
Calcium	44-1	1013.76	1022.27	1020.52	1018.85	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.60	3.83	4.03	3.82	5.61	ppb
Cobalt	59-2	2.23	2.03	2.23	2.16	5.34	ppb
Copper	63-2	4.76	4.76	5.05	4.85	3.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	433.64	426.01	426.69	428.78	0.98	ppb
Iron	56-2	425.34	417.72	425.69	422.92	1.07	ppb
Iron	57-2	417.98	419.57	426.26	421.27	1.04	ppb
Krypton	83-1						cps
Lead	206-1	2.03	2.02	1.99	2.01	1.03	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BS	Instrumnet Name :	P8
Client Sample ID :	LCS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:18:28	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.03	2.07	2.02	2.04	1.26	ppb
Lead	208-1	2.03	2.04	2.02	2.03	0.56	ppb
Lithium	6-1				87		%
Magnesium	24-2	967.30	950.16	973.29	963.59	1.25	ppb
Manganese	55-2	2.33	1.90	2.14	2.12	10.23	ppb
Molybdenum	94-1	11.63	11.95	11.79	11.79	1.35	ppb
Molybdenum	95-1	10.03	9.95	10.09	10.02	0.69	ppb
Molybdenum	96-1	10.17	10.09	10.20	10.15	0.54	ppb
Molybdenum	97-1	10.18	10.17	10.19	10.18	0.10	ppb
Molybdenum	98-1	10.03	9.86	9.98	9.96	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.55	2.23	2.36	7.21	ppb
Phosphorus	31-2	44.16	31.50	36.44	37.36	17.07	ppb
Potassium	39-2	978.96	989.36	995.56	987.96	0.85	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	9.84	11.08	11.47	10.80	7.91	ppb
Selenium	77-2	12.74	6.38	10.60	9.91	32.68	ppb
Selenium	78-2	10.25	11.51	12.71	11.49	10.72	ppb
Silicon	28-1	1.87	1.92	1.88	1.89	1.25	ppb
Silver	107-1	2.08	1.99	2.03	2.03	1.99	ppb
Silver	109-1	2.04	1.98	2.12	2.05	3.46	ppb
Sodium	23-2	995.10	974.55	1000.79	990.15	1.39	ppb
Strontium	86-1	46.26	48.31	46.26	46.94	2.52	ppb
Strontium	88-1	48.08	47.85	47.92	47.95	0.25	ppb
Sulfur	34-1	-172.37	-147.42	-191.26	-170.35		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	1.91	1.92	1.89	1.91	0.91	ppb
Thallium	205-1	1.92	1.95	1.94	1.94	0.61	ppb
Tin	118-1	10.14	9.78	10.48	10.13	3.43	ppb
Titanium	47-1	2.59	2.54	2.52	2.55	1.43	ppb
Uranium	238-1	1.85	1.88	1.88	1.87	0.81	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BS	Instrumnet Name :	P8
Client Sample ID :	LCS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:18:28	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.48	10.50	10.76	10.58	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	10.59	10.86	10.41	10.62	2.11	ppb
Zirconium	90-1	1.96	1.96	1.95	1.96	0.17	ppb
Zirconium	91-1	2.04	1.95	2.01	2.00	2.19	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:21:50	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	-0.18	0.22	0.06	348.37	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	65.58	ppb
Arsenic	75-2	-0.04	-0.01	-0.04	-0.03		ppb
Barium	135-1	0.02	0.00	0.00	0.01	200.49	ppb
Barium	137-1	0.04	0.02	0.02	0.03	32.22	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	28.15	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.06	0.19	0.04	301.94	ppb
Cadmium	106-1	-1.21	-1.47	-2.38	-1.69		ppb
Cadmium	111-1	-0.09	-0.11	-0.19	-0.13		ppb
Calcium	43-1	0.95	-0.27	-1.66	-0.33		ppb
Calcium	44-1	-0.58	-1.62	-1.10	-1.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	0.00	0.01	377.44	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.10	0.02	0.03	0.05	76.89	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				93		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	54-2	-0.11	1.04	0.89	0.61	102.39	ppb
Iron	56-2	0.57	0.54	0.51	0.54	5.02	ppb
Iron	57-2	1.13	1.23	-0.05	0.77	92.62	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.04	15.44	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:21:50	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.04	0.03	0.03	32.40	ppb
Lead	208-1	0.03	0.04	0.04	0.04	7.16	ppb
Lithium	6-1				88		%
Magnesium	24-2	-0.81	-1.35	-0.98	-1.05		ppb
Manganese	55-2	0.05	0.10	0.05	0.07	43.52	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	176.63	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	89.83	ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.00	285.47	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.10	0.12	0.10	17.82	ppb
Phosphorus	31-2	-26.85	-15.51	-21.27	-21.21		ppb
Potassium	39-2	9.07	4.24	8.25	7.19	35.92	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.02	0.12	0.68	0.27	131.43	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.56	-1.56	-0.31	-1.15		ppb
Silicon	28-1	0.01	0.02	0.02	0.01	52.12	ppb
Silver	107-1	0.02	0.01	0.01	0.01	39.73	ppb
Silver	109-1	0.01	0.01	0.02	0.01	20.48	ppb
Sodium	23-2	7.32	4.75	6.49	6.19	21.25	ppb
Strontium	86-1	-0.23	-0.50	-0.31	-0.35		ppb
Strontium	88-1	-0.20	-0.14	-0.21	-0.18		ppb
Sulfur	34-1	-167.54	-167.66	-118.46	-151.22		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.02	0.03	0.03	17.54	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	11.06	ppb
Tin	118-1	-0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	-0.03	-0.01	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:21:50	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	135.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	-0.01	0.01	-0.32	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	553.95	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:26:54	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.66	37.85	40.20	39.57	3.82	ppb
Antimony	121-1	3.96	3.94	3.94	3.95	0.29	ppb
Arsenic	75-2	1.92	2.18	2.29	2.13	8.90	ppb
Barium	135-1	19.75	20.06	19.39	19.73	1.69	ppb
Barium	137-1	19.90	20.40	20.31	20.20	1.31	ppb
Beryllium	9-1	2.11	2.10	2.09	2.10	0.34	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	1.99	1.84	1.82	1.88	4.96	ppb
Cadmium	106-1	1.06	0.60	1.85	1.17	53.90	ppb
Cadmium	111-1	1.90	1.99	2.06	1.98	4.01	ppb
Calcium	43-1	1116.93	1149.84	1164.94	1143.90	2.15	ppb
Calcium	44-1	1068.35	1082.83	1092.00	1081.06	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.95	3.89	3.97	3.94	1.16	ppb
Cobalt	59-2	2.13	1.96	2.21	2.10	5.94	ppb
Copper	63-2	4.81	4.90	4.93	4.88	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	54-2	432.78	427.66	420.82	427.09	1.40	ppb
Iron	56-2	427.42	425.04	428.77	427.08	0.44	ppb
Iron	57-2	420.14	427.03	434.38	427.18	1.67	ppb
Krypton	83-1						cps
Lead	206-1	1.99	2.01	2.00	2.00	0.53	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:26:54	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.01	2.00	2.08	2.03	2.17	ppb
Lead	208-1	1.97	2.02	2.05	2.01	1.87	ppb
Lithium	6-1				87		%
Magnesium	24-2	985.16	974.52	994.09	984.59	1.00	ppb
Manganese	55-2	2.33	2.06	2.45	2.28	8.74	ppb
Molybdenum	94-1	11.65	12.12	11.90	11.89	1.99	ppb
Molybdenum	95-1	9.96	10.04	9.90	9.97	0.67	ppb
Molybdenum	96-1	9.95	10.15	10.20	10.10	1.33	ppb
Molybdenum	97-1	9.92	10.12	10.24	10.09	1.61	ppb
Molybdenum	98-1	9.69	10.03	10.03	9.92	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	2.46	2.13	2.22	9.21	ppb
Phosphorus	31-2	23.32	37.89	39.69	33.63	26.70	ppb
Potassium	39-2	1005.23	999.28	1008.18	1004.23	0.45	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	11.13	10.35	10.75	10.74	3.66	ppb
Selenium	77-2	6.53	10.75	13.01	10.10	32.57	ppb
Selenium	78-2	9.27	10.39	4.15	7.94	41.92	ppb
Silicon	28-1	1.82	1.88	1.92	1.88	2.78	ppb
Silver	107-1	1.95	2.01	1.97	1.98	1.48	ppb
Silver	109-1	1.98	2.02	2.04	2.01	1.55	ppb
Sodium	23-2	1018.58	991.20	1011.77	1007.19	1.42	ppb
Strontium	86-1	9387.36	9539.65	9468.15	9465.05	0.80	ppb
Strontium	88-1	9813.61	10008.63	9942.75	9921.67	1.00	ppb
Sulfur	34-1	-76.32	-44.13	-16.99	-45.81		ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	1.91	1.93	1.99	1.94	2.34	ppb
Thallium	205-1	1.91	1.97	1.95	1.94	1.67	ppb
Tin	118-1	9.88	10.14	9.82	9.94	1.71	ppb
Titanium	47-1	2.42	2.62	2.65	2.56	4.93	ppb
Uranium	238-1	1.84	1.89	1.94	1.89	2.81	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:26:54	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.61	10.92	10.41	10.65	2.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	10.64	11.03	10.44	10.70	2.79	ppb
Zirconium	90-1	1.93	1.99	2.02	1.98	2.46	ppb
Zirconium	91-1	1.91	2.06	2.01	2.00	3.83	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1135-02A	Instrumnet Name :	P8
Client Sample ID :	YE8F7A	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:30:15	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31339.12	31315.32	31433.54	31362.66	0.20	ppb
Antimony	121-1	0.58	0.59	0.60	0.59	1.30	ppb
Arsenic	75-2	28.50	27.24	28.10	27.95	2.32	ppb
Barium	135-1	365.98	371.17	369.97	369.04	0.74	ppb
Barium	137-1	373.74	377.22	378.07	376.34	0.61	ppb
Beryllium	9-1	1.35	1.29	1.33	1.32	2.17	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	1.10	1.00	0.89	0.99	10.33	ppb
Cadmium	106-1	2.04	2.36	0.94	1.78	41.70	ppb
Cadmium	111-1	0.51	0.54	0.36	0.47	20.19	ppb
Calcium	43-1	4470.57	4463.18	4533.51	4489.09	0.86	ppb
Calcium	44-1	4662.44	4652.94	4565.48	4626.95	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.52	62.97	63.17	63.22	0.44	ppb
Cobalt	59-2	50.91	51.49	51.08	51.16	0.59	ppb
Copper	63-2	111.14	113.54	114.26	112.98	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	54-2	102413.04	101789.07	102957.44	102386.52	0.57	ppb
Iron	56-2	101784.29	102204.70	102334.64	102107.88	0.28	ppb
Iron	57-2	103115.42	103873.93	105386.57	104125.31	1.11	ppb
Krypton	83-1						cps
Lead	206-1	24.64	24.45	24.57	24.55	0.39	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1135-02A	Instrumnet Name :	P8
Client Sample ID :	YE8F7A	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:30:15	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.89	22.93	23.34	23.05	1.08	ppb
Lead	208-1	23.42	23.52	23.69	23.55	0.58	ppb
Lithium	6-1				92		%
Magnesium	24-2	18090.58	18394.90	18101.43	18195.64	0.95	ppb
Manganese	55-2	4343.96	4347.50	4301.82	4331.09	0.59	ppb
Molybdenum	94-1	11.66	12.18	11.75	11.86	2.34	ppb
Molybdenum	95-1	10.87	10.91	11.05	10.94	0.83	ppb
Molybdenum	96-1	11.30	11.38	11.30	11.32	0.41	ppb
Molybdenum	97-1	10.87	10.98	11.01	10.95	0.67	ppb
Molybdenum	98-1	10.92	10.86	10.87	10.88	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.87	119.96	119.81	119.88	0.06	ppb
Phosphorus	31-2	1302.74	1353.07	1219.14	1291.65	5.24	ppb
Potassium	39-2	3586.08	3560.73	3602.51	3583.11	0.59	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	1.48	1.49	1.39	1.45	3.64	ppb
Selenium	77-2	93.35	94.12	129.35	105.61	19.47	ppb
Selenium	78-2	19.87	13.03	24.95	19.28	31.02	ppb
Silicon	28-1	269.25	266.43	270.35	268.68	0.75	ppb
Silver	107-1	0.14	0.12	0.10	0.12	17.87	ppb
Silver	109-1	0.17	0.12	0.11	0.13	24.89	ppb
Sodium	23-2	68.21	67.99	70.07	68.76	1.66	ppb
Strontium	86-1	807.85	816.49	813.46	812.60	0.54	ppb
Strontium	88-1	804.82	819.43	815.61	813.28	0.93	ppb
Sulfur	34-1	-432.69	-440.56	-416.20	-429.81		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.37	0.35	0.35	0.35	3.40	ppb
Thallium	205-1	0.35	0.35	0.35	0.35	0.82	ppb
Tin	118-1	1.39	1.53	1.41	1.44	5.15	ppb
Titanium	47-1	891.29	886.60	888.78	888.89	0.26	ppb
Uranium	238-1	1.80	1.80	1.79	1.80	0.30	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1135-02A	Instrumnet Name :	P8
Client Sample ID :	YE8F7A	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:30:15	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	145.58	145.77	147.76	146.37	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	210.67	209.03	206.65	208.79	0.97	ppb
Zirconium	90-1	1.56	1.56	1.55	1.56	0.49	ppb
Zirconium	91-1	1.54	1.58	1.59	1.57	1.69	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01	Instrumnet Name :	P8
Client Sample ID :	MH2GX0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:33:34	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19591.58	19652.37	19366.99	19536.98	0.77	ppb
Antimony	121-1	5.02	4.94	4.91	4.96	1.19	ppb
Arsenic	75-2	76.80	78.81	79.33	78.31	1.71	ppb
Barium	135-1	809.32	820.21	812.55	814.03	0.69	ppb
Barium	137-1	878.28	882.44	873.92	878.21	0.48	ppb
Beryllium	9-1	3.30	3.34	3.31	3.32	0.61	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	25.80	25.31	24.62	25.24	2.34	ppb
Cadmium	106-1	26.02	25.42	25.89	25.78	1.23	ppb
Cadmium	111-1	27.59	28.25	27.89	27.91	1.19	ppb
Calcium	43-1	138123.77	141305.05	141292.68	140240.50	1.31	ppb
Calcium	44-1	138420.69	142194.98	139202.33	139939.33	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.81	43.77	42.50	43.02	1.54	ppb
Cobalt	59-2	36.51	37.51	36.47	36.83	1.60	ppb
Copper	63-2	650.96	661.64	638.69	650.43	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	54-2	115276.43	115372.84	114169.47	114939.58	0.58	ppb
Iron	56-2	115586.67	115142.42	114538.36	115089.15	0.46	ppb
Iron	57-2	117704.72	117904.00	116412.84	117340.52	0.69	ppb
Krypton	83-1						cps
Lead	206-1	1916.40	1942.17	1891.32	1916.63	1.33	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01	Instrumnet Name :	P8
Client Sample ID :	MH2GX0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:33:34	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1828.96	1882.50	1864.50	1858.65	1.47	ppb
Lead	208-1	1860.24	1881.40	1863.74	1868.46	0.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	13771.91	13875.66	13474.98	13707.52	1.52	ppb
Manganese	55-2	7272.13	7173.34	7181.31	7208.93	0.76	ppb
Molybdenum	94-1	10.73	11.42	11.08	11.08	3.10	ppb
Molybdenum	95-1	6.06	6.28	5.99	6.11	2.45	ppb
Molybdenum	96-1	6.91	7.24	6.94	7.03	2.62	ppb
Molybdenum	97-1	5.91	6.15	5.74	5.93	3.45	ppb
Molybdenum	98-1	5.86	6.07	5.89	5.94	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.84	161.00	154.32	157.05	2.23	ppb
Phosphorus	31-2	4239.14	4320.70	4101.61	4220.49	2.62	ppb
Potassium	39-2	7019.27	7175.38	7057.59	7084.08	1.15	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	2.11	1.92	2.54	2.19	14.51	ppb
Selenium	77-2	52.01	55.62	75.84	61.16	21.01	ppb
Selenium	78-2	9.86	8.21	11.44	9.83	16.41	ppb
Silicon	28-1	166.79	168.03	168.78	167.87	0.60	ppb
Silver	107-1	9.13	9.33	9.23	9.23	1.09	ppb
Silver	109-1	9.24	9.33	9.29	9.29	0.49	ppb
Sodium	23-2	881.24	894.35	876.06	883.88	1.07	ppb
Strontium	86-1	11406.54	11698.76	11409.05	11504.78	1.46	ppb
Strontium	88-1	11921.63	12146.74	11913.05	11993.81	1.10	ppb
Sulfur	34-1	1108.65	1145.68	1093.16	1115.83	2.42	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	1.30	1.36	1.36	1.34	2.64	ppb
Thallium	205-1	1.36	1.40	1.43	1.40	2.66	ppb
Tin	118-1	35.20	35.67	36.11	35.66	1.28	ppb
Titanium	47-1	306.91	315.87	310.82	311.20	1.44	ppb
Uranium	238-1	4.58	4.57	4.62	4.59	0.59	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01	Instrumnet Name :	P8
Client Sample ID :	MH2GX0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:33:34	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	112.03	114.37	111.72	112.71	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	5712.73	5773.70	5644.63	5710.35	1.13	ppb
Zirconium	90-1	3.11	3.18	3.11	3.13	1.27	ppb
Zirconium	91-1	3.11	3.22	3.16	3.16	1.67	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-02	Instrumnet Name :	P8
Client Sample ID :	MH2GX0D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:36:44	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19242.52	19728.33	19325.58	19432.14	1.34	ppb
Antimony	121-1	4.87	4.86	4.81	4.85	0.64	ppb
Arsenic	75-2	79.85	81.65	75.91	79.14	3.71	ppb
Barium	135-1	799.23	808.82	793.21	800.42	0.98	ppb
Barium	137-1	851.31	872.19	844.03	855.84	1.71	ppb
Beryllium	9-1	3.35	3.29	3.28	3.31	1.11	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	26.76	25.49	26.15	26.14	2.43	ppb
Cadmium	106-1	26.64	25.14	25.26	25.68	3.26	ppb
Cadmium	111-1	27.76	27.86	27.42	27.68	0.82	ppb
Calcium	43-1	134914.22	134403.62	137774.58	135697.47	1.34	ppb
Calcium	44-1	136755.73	135773.19	138047.59	136858.83	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.22	43.67	42.76	42.88	1.71	ppb
Cobalt	59-2	36.53	37.36	37.28	37.06	1.24	ppb
Copper	63-2	637.01	654.55	648.07	646.54	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	54-2	115697.54	119289.18	115008.88	116665.20	1.97	ppb
Iron	56-2	115471.62	117937.60	114622.91	116010.71	1.48	ppb
Iron	57-2	116675.35	118921.41	116770.10	117455.62	1.08	ppb
Krypton	83-1						cps
Lead	206-1	1924.87	1904.33	1904.64	1911.28	0.62	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-02	Instrumnet Name :	P8
Client Sample ID :	MH2GX0D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:36:44	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1848.04	1847.51	1840.84	1845.46	0.22	ppb
Lead	208-1	1871.89	1854.95	1858.82	1861.89	0.48	ppb
Lithium	6-1				95		%
Magnesium	24-2	13601.47	13939.26	13329.25	13623.33	2.24	ppb
Manganese	55-2	7062.46	7291.65	7173.26	7175.79	1.60	ppb
Molybdenum	94-1	10.58	10.94	10.74	10.76	1.67	ppb
Molybdenum	95-1	6.07	6.15	6.16	6.12	0.76	ppb
Molybdenum	96-1	6.94	7.04	6.91	6.97	0.93	ppb
Molybdenum	97-1	6.01	6.08	6.03	6.04	0.64	ppb
Molybdenum	98-1	6.07	6.09	5.96	6.04	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.73	162.11	158.98	159.27	1.70	ppb
Phosphorus	31-2	4194.39	4059.52	3931.60	4061.84	3.24	ppb
Potassium	39-2	7018.40	7115.28	7047.28	7060.32	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	2.17	1.60	2.04	1.94	15.30	ppb
Selenium	77-2	61.21	62.82	38.23	54.09	25.43	ppb
Selenium	78-2	7.67	6.55	10.16	8.13	22.75	ppb
Silicon	28-1	161.01	159.38	161.57	160.65	0.71	ppb
Silver	107-1	9.17	9.37	9.06	9.20	1.73	ppb
Silver	109-1	9.23	9.28	9.06	9.19	1.23	ppb
Sodium	23-2	866.04	893.99	862.77	874.27	1.96	ppb
Strontium	86-1	11273.97	11471.91	11326.21	11357.36	0.90	ppb
Strontium	88-1	11790.38	11992.72	11999.96	11927.69	1.00	ppb
Sulfur	34-1	1037.86	1008.05	1048.89	1031.60	2.05	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	1.34	1.36	1.36	1.35	0.92	ppb
Thallium	205-1	1.38	1.39	1.38	1.38	0.60	ppb
Tin	118-1	34.07	34.09	33.25	33.80	1.42	ppb
Titanium	47-1	305.17	306.80	308.92	306.96	0.61	ppb
Uranium	238-1	4.67	4.68	4.69	4.68	0.22	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-02	Instrumnet Name :	P8
Client Sample ID :	MH2GX0D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:36:44	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	112.33	114.66	113.03	113.34	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	5586.07	5701.06	5673.64	5653.59	1.06	ppb
Zirconium	90-1	3.16	3.13	3.25	3.18	2.02	ppb
Zirconium	91-1	3.02	3.15	3.11	3.09	2.18	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GX0L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:39:55	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4131.56	3988.71	3931.74	4017.34	2.56	ppb
Antimony	121-1	1.01	0.98	1.01	1.00	1.67	ppb
Arsenic	75-2	17.48	16.64	16.89	17.00	2.52	ppb
Barium	135-1	163.35	160.72	164.14	162.74	1.10	ppb
Barium	137-1	167.87	166.96	166.10	166.98	0.53	ppb
Beryllium	9-1	0.69	0.67	0.73	0.70	4.77	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	5.15	5.61	5.54	5.43	4.62	ppb
Cadmium	106-1	4.49	5.13	4.30	4.64	9.46	ppb
Cadmium	111-1	5.84	5.74	5.98	5.85	2.08	ppb
Calcium	43-1	27623.48	27530.59	27611.07	27588.38	0.18	ppb
Calcium	44-1	28269.88	28002.31	28479.61	28250.60	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.22	8.85	8.86	8.98	2.35	ppb
Cobalt	59-2	7.79	7.66	7.90	7.78	1.53	ppb
Copper	63-2	140.32	138.97	135.93	138.40	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	23794.26	23158.37	22777.31	23243.31	2.21	ppb
Iron	56-2	24754.63	24023.35	23932.74	24236.91	1.86	ppb
Iron	57-2	23494.93	23073.31	22857.19	23141.81	1.40	ppb
Krypton	83-1						cps
Lead	206-1	393.05	395.54	391.83	393.47	0.48	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GX0L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:39:55	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	387.33	375.39	378.04	380.26	1.65	ppb
Lead	208-1	386.00	385.60	383.16	384.92	0.40	ppb
Lithium	6-1				89		%
Magnesium	24-2	2749.27	2711.17	2660.04	2706.83	1.65	ppb
Manganese	55-2	1447.72	1428.82	1410.10	1428.88	1.32	ppb
Molybdenum	94-1	2.19	2.30	2.24	2.24	2.51	ppb
Molybdenum	95-1	1.29	1.26	1.34	1.29	3.30	ppb
Molybdenum	96-1	1.40	1.42	1.45	1.42	1.82	ppb
Molybdenum	97-1	1.25	1.25	1.28	1.26	1.17	ppb
Molybdenum	98-1	1.28	1.25	1.18	1.24	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.78	34.38	33.75	34.30	1.52	ppb
Phosphorus	31-2	896.71	948.62	868.23	904.52	4.51	ppb
Potassium	39-2	1461.81	1445.73	1432.12	1446.55	1.03	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.46	0.84	0.65	0.65	29.20	ppb
Selenium	77-2	16.57	6.14	2.03	8.25	90.92	ppb
Selenium	78-2	0.86	3.83	2.60	2.43	61.35	ppb
Silicon	28-1	34.47	33.51	34.40	34.13	1.57	ppb
Silver	107-1	1.91	1.95	1.93	1.93	1.15	ppb
Silver	109-1	1.93	1.90	1.92	1.92	0.84	ppb
Sodium	23-2	188.24	187.24	183.04	186.17	1.48	ppb
Strontium	86-1	2479.34	2444.89	2463.67	2462.63	0.70	ppb
Strontium	88-1	2621.12	2588.42	2590.07	2599.87	0.71	ppb
Sulfur	34-1	38.40	-20.46	22.81	13.58	224.49	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.30	0.27	0.28	0.28	4.77	ppb
Thallium	205-1	0.29	0.29	0.28	0.29	1.26	ppb
Tin	118-1	7.60	7.37	7.48	7.48	1.57	ppb
Titanium	47-1	62.78	62.25	63.35	62.80	0.87	ppb
Uranium	238-1	0.93	0.90	0.92	0.92	2.11	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GX0L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:39:55	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	23.96	23.53	22.96	23.48	2.13	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	1230.98	1210.47	1194.90	1212.12	1.49	ppb
Zirconium	90-1	0.66	0.67	0.64	0.66	2.82	ppb
Zirconium	91-1	0.68	0.65	0.62	0.65	4.29	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-03	Instrumnet Name :	P8
Client Sample ID :	MH2GX0S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:43:11	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20225.20	20141.68	20215.06	20193.98	0.23	ppb
Antimony	121-1	24.14	24.67	24.84	24.55	1.49	ppb
Arsenic	75-2	87.70	90.06	86.35	88.03	2.13	ppb
Barium	135-1	1286.21	1303.34	1312.68	1300.74	1.03	ppb
Barium	137-1	1309.48	1304.16	1324.15	1312.60	0.79	ppb
Beryllium	9-1	13.49	13.51	13.79	13.60	1.20	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	33.96	34.13	33.64	33.91	0.74	ppb
Cadmium	106-1	33.77	33.96	34.24	33.99	0.69	ppb
Cadmium	111-1	38.01	39.03	38.87	38.64	1.42	ppb
Calcium	43-1	140598.93	142440.70	141373.69	141471.11	0.65	ppb
Calcium	44-1	140062.90	142432.72	142652.06	141715.89	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.55	83.31	82.58	83.48	1.20	ppb
Cobalt	59-2	139.39	139.56	139.24	139.40	0.12	ppb
Copper	63-2	717.49	717.07	718.41	717.65	0.10	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				96		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	54-2	118731.34	117821.17	117978.25	118176.92	0.41	ppb
Iron	56-2	118235.78	118482.46	118923.17	118547.14	0.29	ppb
Iron	57-2	119955.48	117999.19	121315.27	119756.64	1.39	ppb
Krypton	83-1						cps
Lead	206-1	1921.71	1948.70	1917.18	1929.20	0.88	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-03	Instrumnet Name :	P8
Client Sample ID :	MH2GX0S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:43:11	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1878.06	1920.57	1874.59	1891.07	1.35	ppb
Lead	208-1	1890.52	1913.28	1894.10	1899.30	0.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	14146.05	14007.84	13885.61	14013.17	0.93	ppb
Manganese	55-2	7491.85	7438.89	7443.44	7458.06	0.39	ppb
Molybdenum	94-1	11.02	10.93	10.98	10.98	0.43	ppb
Molybdenum	95-1	6.02	6.19	6.16	6.12	1.44	ppb
Molybdenum	96-1	6.98	6.90	7.08	6.99	1.32	ppb
Molybdenum	97-1	6.07	6.09	6.19	6.12	1.02	ppb
Molybdenum	98-1	5.88	5.94	6.00	5.94	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.93	265.67	265.85	266.81	0.69	ppb
Phosphorus	31-2	4230.97	4507.48	4241.61	4326.69	3.62	ppb
Potassium	39-2	7195.15	7223.49	7168.95	7195.86	0.38	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	4.98	5.28	5.53	5.26	5.28	ppb
Selenium	77-2	69.44	51.45	69.62	63.50	16.44	ppb
Selenium	78-2	10.74	11.89	9.70	10.78	10.14	ppb
Silicon	28-1	176.70	175.93	176.23	176.29	0.22	ppb
Silver	107-1	18.71	19.13	19.22	19.02	1.45	ppb
Silver	109-1	18.85	19.16	19.51	19.17	1.73	ppb
Sodium	23-2	887.25	897.40	891.13	891.93	0.57	ppb
Strontium	86-1	11469.86	11605.82	11719.63	11598.44	1.08	ppb
Strontium	88-1	11954.54	12215.74	12161.69	12110.66	1.14	ppb
Sulfur	34-1	1149.87	1203.93	1246.25	1200.02	4.03	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	10.74	10.78	10.73	10.75	0.22	ppb
Thallium	205-1	10.66	10.81	10.59	10.69	1.04	ppb
Tin	118-1	35.38	36.30	36.72	36.13	1.90	ppb
Titanium	47-1	312.32	317.15	320.94	316.80	1.36	ppb
Uranium	238-1	4.70	4.67	4.67	4.68	0.33	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-03	Instrumnet Name :	P8
Client Sample ID :	MH2GX0S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:43:11	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	218.97	219.86	217.00	218.61	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	5960.09	5935.10	5957.83	5951.01	0.23	ppb
Zirconium	90-1	3.14	3.17	3.15	3.15	0.43	ppb
Zirconium	91-1	3.18	3.27	3.17	3.21	1.77	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01	Instrumnet Name :	P8
Client Sample ID :	MH2GW9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:46:21	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12021.18	11935.39	11689.90	11882.15	1.45	ppb
Antimony	121-1	2.62	2.67	2.63	2.64	0.81	ppb
Arsenic	75-2	45.76	46.52	46.43	46.24	0.90	ppb
Barium	135-1	499.49	514.81	515.63	509.98	1.78	ppb
Barium	137-1	529.43	545.18	541.21	538.61	1.52	ppb
Beryllium	9-1	3.37	3.42	3.47	3.42	1.55	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	18.01	17.81	17.86	17.89	0.56	ppb
Cadmium	106-1	17.44	17.51	19.51	18.15	6.47	ppb
Cadmium	111-1	18.59	19.17	19.47	19.08	2.35	ppb
Calcium	43-1	159507.58	162401.60	162425.22	161444.80	1.04	ppb
Calcium	44-1	160053.60	160858.56	160504.41	160472.19	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.16	57.09	56.30	56.51	0.88	ppb
Cobalt	59-2	17.72	17.67	17.95	17.78	0.85	ppb
Copper	63-2	376.33	376.66	374.14	375.71	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	33808.45	34253.98	33444.78	33835.73	1.20	ppb
Iron	56-2	33318.30	33349.88	32971.21	33213.13	0.63	ppb
Iron	57-2	31868.03	32040.60	31846.38	31918.34	0.33	ppb
Krypton	83-1						cps
Lead	206-1	1552.11	1577.72	1560.71	1563.51	0.83	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01	Instrumnet Name :	P8
Client Sample ID :	MH2GW9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:46:21	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1507.95	1531.08	1530.11	1523.05	0.86	ppb
Lead	208-1	1511.82	1538.34	1538.61	1529.59	1.01	ppb
Lithium	6-1				96		%
Magnesium	24-2	10046.82	10016.96	9833.31	9965.70	1.16	ppb
Manganese	55-2	6478.25	6368.93	6358.61	6401.93	1.04	ppb
Molybdenum	94-1	9.22	9.30	9.44	9.32	1.23	ppb
Molybdenum	95-1	2.40	2.54	2.51	2.48	2.99	ppb
Molybdenum	96-1	3.23	3.27	3.32	3.27	1.38	ppb
Molybdenum	97-1	2.37	2.52	2.41	2.43	3.28	ppb
Molybdenum	98-1	2.41	2.40	2.51	2.44	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.59	70.27	69.87	69.91	0.49	ppb
Phosphorus	31-2	3126.61	3119.19	3073.24	3106.35	0.93	ppb
Potassium	39-2	4598.81	4642.50	4562.62	4601.31	0.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	1.71	1.42	1.59	1.57	9.29	ppb
Selenium	77-2	42.97	67.41	56.29	55.56	22.03	ppb
Selenium	78-2	9.92	5.02	10.66	8.53	35.96	ppb
Silicon	28-1	556.90	571.61	567.52	565.34	1.34	ppb
Silver	107-1	7.21	7.48	7.48	7.39	2.11	ppb
Silver	109-1	7.28	7.46	7.47	7.40	1.46	ppb
Sodium	23-2	487.55	481.30	476.28	481.71	1.17	ppb
Strontium	86-1	12228.62	12360.42	12289.14	12292.72	0.54	ppb
Strontium	88-1	12712.61	12771.73	12801.30	12761.88	0.35	ppb
Sulfur	34-1	903.26	959.01	953.07	938.45	3.26	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.57	0.58	0.59	0.58	1.75	ppb
Thallium	205-1	0.59	0.60	0.60	0.60	0.63	ppb
Tin	118-1	15.08	15.44	15.66	15.39	1.88	ppb
Titanium	47-1	226.65	230.12	228.01	228.26	0.77	ppb
Uranium	238-1	3.53	3.71	3.62	3.62	2.53	ppb

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01	Instrumnet Name :	P8
Client Sample ID :	MH2GW9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:46:21	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	63.09	63.74	63.09	63.31	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	4094.28	4110.10	4077.61	4094.00	0.40	ppb
Zirconium	90-1	3.86	3.94	3.93	3.91	1.09	ppb
Zirconium	91-1	3.89	3.81	3.91	3.87	1.33	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-02	Instrumnet Name :	P8
Client Sample ID :	MH2GW9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:49:33	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12878.38	13037.41	12941.04	12952.27	0.62	ppb
Antimony	121-1	2.85	2.64	2.89	2.79	4.72	ppb
Arsenic	75-2	49.56	48.20	52.68	50.15	4.58	ppb
Barium	135-1	555.49	532.75	570.85	553.03	3.47	ppb
Barium	137-1	607.63	583.02	615.68	602.11	2.83	ppb
Beryllium	9-1	3.64	3.45	3.65	3.58	3.13	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	20.20	18.89	20.10	19.73	3.70	ppb
Cadmium	106-1	18.58	15.86	20.12	18.19	11.86	ppb
Cadmium	111-1	20.79	19.45	21.06	20.43	4.23	ppb
Calcium	43-1	168476.81	160193.29	173033.66	167234.59	3.89	ppb
Calcium	44-1	169857.25	158232.26	171268.71	166452.74	4.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.58	60.65	60.32	60.19	0.91	ppb
Cobalt	59-2	19.29	19.30	18.73	19.11	1.71	ppb
Copper	63-2	407.40	407.24	404.17	406.27	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	37441.51	37187.22	37711.21	37446.65	0.70	ppb
Iron	56-2	36579.18	36669.74	36333.11	36527.34	0.48	ppb
Iron	57-2	34918.95	35245.70	34924.70	35029.78	0.53	ppb
Krypton	83-1						cps
Lead	206-1	1691.63	1551.75	1698.15	1647.17	5.02	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-02	Instrumnet Name :	P8
Client Sample ID :	MH2GW9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:49:33	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1614.01	1500.20	1642.13	1585.45	4.74	ppb
Lead	208-1	1631.62	1503.64	1649.14	1594.80	4.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	10781.60	10852.36	10805.81	10813.26	0.33	ppb
Manganese	55-2	6950.82	7032.37	6916.36	6966.52	0.86	ppb
Molybdenum	94-1	10.10	9.55	10.00	9.88	2.94	ppb
Molybdenum	95-1	2.68	2.47	2.63	2.59	4.15	ppb
Molybdenum	96-1	3.51	3.31	3.55	3.46	3.80	ppb
Molybdenum	97-1	2.56	2.42	2.57	2.52	3.47	ppb
Molybdenum	98-1	2.51	2.36	2.60	2.49	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.92	76.44	75.06	75.81	0.92	ppb
Phosphorus	31-2	3339.32	3368.80	3314.16	3340.76	0.82	ppb
Potassium	39-2	4970.80	5078.03	5017.08	5021.97	1.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	2.12	1.08	1.43	1.54	34.25	ppb
Selenium	77-2	44.15	42.21	51.71	46.03	10.91	ppb
Selenium	78-2	7.60	11.33	4.93	7.95	40.46	ppb
Silicon	28-1	619.71	584.08	641.95	615.24	4.74	ppb
Silver	107-1	7.97	7.56	8.25	7.93	4.36	ppb
Silver	109-1	8.05	7.60	8.14	7.93	3.66	ppb
Sodium	23-2	515.45	525.21	526.55	522.40	1.16	ppb
Strontium	86-1	13783.28	13122.78	14038.92	13648.33	3.46	ppb
Strontium	88-1	13708.92	12966.92	13796.74	13490.86	3.38	ppb
Sulfur	34-1	807.52	436.30	973.18	739.00	37.20	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.60	0.57	0.65	0.61	6.01	ppb
Thallium	205-1	0.62	0.59	0.64	0.62	4.21	ppb
Tin	118-1	15.51	15.09	16.15	15.58	3.42	ppb
Titanium	47-1	239.12	226.50	246.13	237.25	4.19	ppb
Uranium	238-1	3.94	3.64	3.87	3.82	4.12	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-02	Instrumnet Name :	P8
Client Sample ID :	MH2GW9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:49:33	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	69.64	69.82	67.80	69.08	1.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	4414.98	4437.76	4400.13	4417.62	0.43	ppb
Zirconium	90-1	4.27	4.11	4.35	4.24	2.87	ppb
Zirconium	91-1	4.33	4.08	4.31	4.24	3.30	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GW9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:52:47	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2270.43	2292.80	2328.79	2297.34	1.28	ppb
Antimony	121-1	0.52	0.52	0.49	0.51	3.00	ppb
Arsenic	75-2	8.98	9.28	9.48	9.25	2.72	ppb
Barium	135-1	96.90	96.48	99.63	97.67	1.75	ppb
Barium	137-1	99.93	99.08	101.01	100.00	0.97	ppb
Beryllium	9-1	0.65	0.72	0.66	0.68	5.79	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	2.76	3.57	3.47	3.27	13.64	ppb
Cadmium	106-1	2.90	2.71	2.71	2.77	3.99	ppb
Cadmium	111-1	3.66	3.60	3.66	3.64	1.01	ppb
Calcium	43-1	30580.08	30427.80	29700.23	30236.04	1.56	ppb
Calcium	44-1	31583.80	31081.19	30772.15	31145.71	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.56	11.18	11.05	10.93	2.98	ppb
Cobalt	59-2	3.26	3.52	3.37	3.38	3.81	ppb
Copper	63-2	74.06	75.28	74.06	74.47	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	6226.08	6336.17	6251.69	6271.31	0.92	ppb
Iron	56-2	6442.89	6513.56	6568.89	6508.45	0.97	ppb
Iron	57-2	6169.18	6311.07	6204.59	6228.28	1.19	ppb
Krypton	83-1						cps
Lead	206-1	288.08	283.25	283.77	285.03	0.93	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GW9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:52:47	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	282.13	277.05	279.07	279.41	0.92	ppb
Lead	208-1	293.96	289.97	288.29	290.74	1.00	ppb
Lithium	6-1				88		%
Magnesium	24-2	1883.69	1937.71	1914.59	1912.00	1.42	ppb
Manganese	55-2	1171.80	1183.54	1179.52	1178.29	0.51	ppb
Molybdenum	94-1	1.79	1.85	1.85	1.83	1.92	ppb
Molybdenum	95-1	0.53	0.53	0.51	0.52	2.51	ppb
Molybdenum	96-1	0.67	0.67	0.64	0.66	3.35	ppb
Molybdenum	97-1	0.52	0.48	0.48	0.50	4.93	ppb
Molybdenum	98-1	0.51	0.47	0.48	0.49	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.93	14.46	13.89	14.09	2.27	ppb
Phosphorus	31-2	613.16	567.75	547.31	576.07	5.85	ppb
Potassium	39-2	882.95	900.12	887.17	890.08	1.01	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	1.22	0.49	0.59	0.77	51.46	ppb
Selenium	77-2	6.21	6.19	2.05	4.81	49.80	ppb
Selenium	78-2	0.26	0.25	2.63	1.05	131.40	ppb
Silicon	28-1	109.97	113.26	105.77	109.67	3.43	ppb
Silver	107-1	1.48	1.44	1.45	1.45	1.51	ppb
Silver	109-1	1.51	1.45	1.47	1.48	1.81	ppb
Sodium	23-2	97.20	98.05	100.97	98.74	2.00	ppb
Strontium	86-1	2486.41	2498.86	2482.42	2489.23	0.34	ppb
Strontium	88-1	2680.78	2613.07	2645.52	2646.46	1.28	ppb
Sulfur	34-1	-23.00	-44.34	-130.50	-65.94		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.14	0.13	0.13	0.13	3.51	ppb
Thallium	205-1	0.14	0.12	0.12	0.13	9.25	ppb
Tin	118-1	3.15	3.04	3.17	3.12	2.25	ppb
Titanium	47-1	44.70	45.01	42.93	44.22	2.54	ppb
Uranium	238-1	0.70	0.67	0.68	0.69	2.13	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GW9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:52:47	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	11.83	11.83	11.71	11.79	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	793.76	807.33	800.01	800.37	0.85	ppb
Zirconium	90-1	0.74	0.71	0.72	0.73	2.16	ppb
Zirconium	91-1	0.67	0.76	0.68	0.71	7.14	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-03	Instrumnet Name :	P8
Client Sample ID :	MH2GW9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:56:04	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11106.81	11947.50	11987.47	11680.60	4.26	ppb
Antimony	121-1	20.41	19.27	27.67	22.45	20.28	ppb
Arsenic	75-2	51.44	53.27	51.17	51.96	2.20	ppb
Barium	135-1	855.93	865.28	1236.95	986.06	22.04	ppb
Barium	137-1	922.53	853.45	1246.14	1007.37	20.81	ppb
Beryllium	9-1	12.61	12.06	16.14	13.61	16.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	24.95	23.48	33.34	27.25	19.53	ppb
Cadmium	106-1	23.97	22.01	34.47	26.82	24.98	ppb
Cadmium	111-1	26.76	25.48	36.97	29.74	21.18	ppb
Calcium	43-1	154209.30	142093.90	202994.02	166432.41	19.37	ppb
Calcium	44-1	152607.70	140259.49	204029.54	165632.24	20.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.39	94.26	93.39	92.01	3.44	ppb
Cobalt	59-2	108.82	117.01	115.56	113.80	3.84	ppb
Copper	63-2	390.42	417.05	416.66	408.04	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				101		%
Iron	54-2	31059.71	33361.59	32866.36	32429.22	3.74	ppb
Iron	56-2	30623.54	32477.27	32732.11	31944.31	3.60	ppb
Iron	57-2	29117.65	31255.66	31259.51	30544.27	4.04	ppb
Krypton	83-1						cps
Lead	206-1	1488.98	1391.76	1995.82	1625.52	19.95	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-03	Instrumnet Name :	P8
Client Sample ID :	MH2GW9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:56:04	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1439.15	1331.15	1923.62	1564.64	20.17	ppb
Lead	208-1	1451.28	1346.37	1930.53	1576.06	19.76	ppb
Lithium	6-1				93		%
Magnesium	24-2	8993.45	9684.69	9702.44	9460.20	4.27	ppb
Manganese	55-2	5890.25	6313.23	6358.90	6187.46	4.18	ppb
Molybdenum	94-1	8.80	8.34	11.77	9.64	19.34	ppb
Molybdenum	95-1	2.33	2.31	3.15	2.60	18.48	ppb
Molybdenum	96-1	3.10	3.02	4.27	3.47	20.20	ppb
Molybdenum	97-1	2.30	2.18	3.17	2.55	21.32	ppb
Molybdenum	98-1	2.29	2.22	3.17	2.56	20.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	160.57	172.74	172.57	168.63	4.14	ppb
Phosphorus	31-2	2792.03	3156.28	3216.36	3054.89	7.52	ppb
Potassium	39-2	4244.92	4536.16	4544.14	4441.74	3.84	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	82-1	4.85	4.49	5.22	4.85	7.55	ppb
Selenium	77-2	47.16	76.99	70.73	64.96	24.22	ppb
Selenium	78-2	9.18	12.39	7.46	9.68	25.85	ppb
Silicon	28-1	535.18	494.72	716.76	582.22	20.31	ppb
Silver	107-1	15.51	14.78	21.44	17.24	21.17	ppb
Silver	109-1	15.94	15.07	21.53	17.51	20.02	ppb
Sodium	23-2	429.06	470.21	467.43	455.56	5.05	ppb
Strontium	86-1	11593.65	10981.57	15751.58	12775.60	20.32	ppb
Strontium	88-1	12234.25	11563.41	16263.20	13353.62	19.04	ppb
Sulfur	34-1	568.10	171.61	2313.20	1017.64	111.96	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	9.20	8.65	12.45	10.10	20.34	ppb
Thallium	205-1	9.28	8.70	12.38	10.12	19.56	ppb
Tin	118-1	14.40	13.41	19.06	15.62	19.31	ppb
Titanium	47-1	216.61	198.53	287.09	234.08	19.99	ppb
Uranium	238-1	3.45	3.16	4.56	3.72	19.79	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-03	Instrumnet Name :	P8
Client Sample ID :	MH2GW9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:56:04	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	150.71	162.59	163.04	158.78	4.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	3795.09	4123.33	4082.02	4000.15	4.47	ppb
Zirconium	90-1	3.70	3.53	4.99	4.07	19.64	ppb
Zirconium	91-1	3.69	3.58	5.11	4.13	20.74	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01	Instrumnet Name :	P8
Client Sample ID :	YE8C9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:59:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18853.38	18641.25	18740.56	18745.06	0.57	ppb
Antimony	121-1	1.62	1.82	1.63	1.69	6.68	ppb
Arsenic	75-2	60.74	60.46	61.31	60.84	0.71	ppb
Barium	135-1	226.66	255.06	220.52	234.08	7.87	ppb
Barium	137-1	227.03	258.35	223.34	236.24	8.14	ppb
Beryllium	9-1	0.98	1.11	0.89	0.99	11.34	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.61	0.82	0.44	0.62	30.72	ppb
Cadmium	106-1	-0.79	-0.50	-0.41	-0.57		ppb
Cadmium	111-1	0.09	0.12	0.09	0.10	18.22	ppb
Calcium	43-1	5475.41	5980.93	5278.69	5578.34	6.49	ppb
Calcium	44-1	5653.07	6285.19	5495.22	5811.16	7.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.69	46.08	46.16	46.31	0.72	ppb
Cobalt	59-2	26.37	25.90	25.74	26.01	1.26	ppb
Copper	63-2	95.97	95.87	96.03	95.96	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	59377.71	58188.60	58990.19	58852.17	1.03	ppb
Iron	56-2	58841.77	57483.92	58389.37	58238.35	1.19	ppb
Iron	57-2	59660.70	59441.20	59190.96	59430.95	0.40	ppb
Krypton	83-1						cps
Lead	206-1	24.46	27.94	23.85	25.42	8.68	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01	Instrumnet Name :	P8
Client Sample ID :	YE8C9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:59:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.13	25.84	22.49	23.82	7.46	ppb
Lead	208-1	23.52	26.46	22.70	24.23	8.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	10104.26	10013.47	10040.09	10052.60	0.46	ppb
Manganese	55-2	475.72	470.17	480.24	475.38	1.06	ppb
Molybdenum	94-1	3.37	3.63	3.19	3.40	6.40	ppb
Molybdenum	95-1	1.79	1.96	1.79	1.85	5.22	ppb
Molybdenum	96-1	2.24	2.53	2.24	2.33	7.20	ppb
Molybdenum	97-1	1.84	1.93	1.68	1.82	7.01	ppb
Molybdenum	98-1	1.75	1.95	1.68	1.79	7.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.33	73.17	72.53	72.68	0.60	ppb
Phosphorus	31-2	572.52	559.39	661.68	597.86	9.31	ppb
Potassium	39-2	524.72	530.32	532.67	529.24	0.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.97	1.76	1.39	1.37	28.70	ppb
Selenium	77-2	22.62	34.09	20.60	25.77	28.23	ppb
Selenium	78-2	3.40	1.76	5.56	3.58	53.27	ppb
Silicon	28-1	79.24	82.24	72.37	77.95	6.49	ppb
Silver	107-1	0.39	0.40	0.33	0.37	11.33	ppb
Silver	109-1	0.39	0.40	0.33	0.38	10.02	ppb
Sodium	23-2	91.20	95.25	96.14	94.20	2.79	ppb
Strontium	86-1	1175.07	1323.42	1139.84	1212.77	8.03	ppb
Strontium	88-1	1176.19	1322.74	1145.37	1214.76	7.80	ppb
Sulfur	34-1	-407.36	-34.72	-513.11	-318.40		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.17	0.14	0.15	11.33	ppb
Thallium	205-1	0.15	0.16	0.14	0.15	9.04	ppb
Tin	118-1	0.49	0.63	0.51	0.54	13.57	ppb
Titanium	47-1	31.53	37.72	31.96	33.74	10.26	ppb
Uranium	238-1	0.43	0.50	0.43	0.45	8.91	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01	Instrumnet Name :	P8
Client Sample ID :	YE8C9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:59:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.04	60.43	60.25	60.57	0.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	127.20	124.07	130.52	127.26	2.54	ppb
Zirconium	90-1	1.00	1.11	0.95	1.02	8.03	ppb
Zirconium	91-1	1.08	1.19	0.96	1.08	10.43	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-02	Instrumnet Name :	P8
Client Sample ID :	YE8C9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:02:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18870.89	19217.32	18857.13	18981.78	1.08	ppb
Antimony	121-1	1.63	1.76	1.72	1.70	4.14	ppb
Arsenic	75-2	62.24	60.42	59.32	60.66	2.43	ppb
Barium	135-1	226.10	234.56	232.45	231.04	1.91	ppb
Barium	137-1	230.88	238.86	236.13	235.29	1.72	ppb
Beryllium	9-1	0.93	0.95	0.94	0.94	0.76	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.64	0.32	0.63	0.53	34.53	ppb
Cadmium	106-1	-1.33	0.30	-1.27	-0.77		ppb
Cadmium	111-1	0.04	0.17	0.07	0.09	71.87	ppb
Calcium	43-1	6374.79	6177.19	5768.43	6106.80	5.06	ppb
Calcium	44-1	6673.78	6417.29	6056.21	6382.43	4.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.23	47.46	47.53	47.07	1.55	ppb
Cobalt	59-2	27.77	28.06	28.07	27.96	0.61	ppb
Copper	63-2	94.08	95.62	94.64	94.78	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	58694.53	59431.10	59057.65	59061.09	0.62	ppb
Iron	56-2	58258.42	59014.25	58674.02	58648.89	0.65	ppb
Iron	57-2	59304.43	59433.89	60337.74	59692.02	0.94	ppb
Krypton	83-1						cps
Lead	206-1	25.67	25.31	25.37	25.45	0.76	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-02	Instrumnet Name :	P8
Client Sample ID :	YE8C9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:02:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.88	23.52	24.10	23.83	1.23	ppb
Lead	208-1	24.36	24.15	24.57	24.36	0.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	10231.19	10289.64	10169.04	10229.96	0.59	ppb
Manganese	55-2	494.95	503.30	495.44	497.90	0.94	ppb
Molybdenum	94-1	3.48	3.44	3.47	3.47	0.57	ppb
Molybdenum	95-1	1.81	1.84	1.76	1.80	2.12	ppb
Molybdenum	96-1	2.16	2.34	2.37	2.29	5.08	ppb
Molybdenum	97-1	1.78	1.91	1.93	1.87	4.22	ppb
Molybdenum	98-1	1.76	1.85	1.77	1.80	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.65	74.82	73.16	73.87	1.15	ppb
Phosphorus	31-2	687.19	614.75	681.41	661.12	6.09	ppb
Potassium	39-2	563.44	554.57	549.96	555.99	1.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	1.44	0.81	1.08	1.11	28.47	ppb
Selenium	77-2	17.19	15.07	28.28	20.18	35.15	ppb
Selenium	78-2	0.67	1.75	2.86	1.76	61.97	ppb
Silicon	28-1	74.29	76.56	74.64	75.17	1.63	ppb
Silver	107-1	0.31	0.32	0.30	0.31	2.59	ppb
Silver	109-1	0.31	0.30	0.30	0.30	1.08	ppb
Sodium	23-2	88.61	89.93	95.27	91.27	3.87	ppb
Strontium	86-1	1181.39	1220.42	1200.12	1200.64	1.63	ppb
Strontium	88-1	1177.29	1229.66	1193.25	1200.07	2.24	ppb
Sulfur	34-1	-276.76	-212.82	-231.07	-240.22		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.15	0.15	0.15	2.87	ppb
Thallium	205-1	0.13	0.14	0.15	0.14	5.00	ppb
Tin	118-1	0.56	0.59	0.59	0.58	3.07	ppb
Titanium	47-1	32.71	38.07	32.45	34.41	9.21	ppb
Uranium	238-1	0.46	0.45	0.46	0.45	1.55	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-02	Instrumnet Name :	P8
Client Sample ID :	YE8C9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:02:35	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.18	62.42	62.43	62.01	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	127.55	130.17	124.23	127.32	2.34	ppb
Zirconium	90-1	1.03	1.04	1.03	1.03	0.82	ppb
Zirconium	91-1	0.98	1.11	1.21	1.10	10.68	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01LX5	Instrumnet Name :	P8
Client Sample ID :	YE8C9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 17:05:55	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3397.05	3748.52	3776.00	3640.52	5.80	ppb
Antimony	121-1	0.33	0.33	0.33	0.33	1.24	ppb
Arsenic	75-2	11.47	12.46	11.94	11.96	4.11	ppb
Barium	135-1	45.06	45.38	45.04	45.16	0.42	ppb
Barium	137-1	45.95	46.45	45.65	46.02	0.88	ppb
Beryllium	9-1	0.19	0.20	0.18	0.19	5.96	ppb
Bismuth	209-1				92		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.15	0.10	0.11	37.61	ppb
Cadmium	106-1	-0.89	-0.75	-1.22	-0.95		ppb
Cadmium	111-1	-0.02	-0.02	-0.05	-0.03		ppb
Calcium	43-1	1111.58	1137.71	1097.81	1115.70	1.82	ppb
Calcium	44-1	1108.47	1116.59	1110.34	1111.80	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.38	9.35	9.55	9.09	6.91	ppb
Cobalt	59-2	4.91	5.26	5.41	5.19	4.90	ppb
Copper	63-2	17.79	19.51	20.28	19.19	6.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	10112.64	11244.90	11517.74	10958.43	6.80	ppb
Iron	56-2	10499.18	11533.02	11891.80	11308.00	6.39	ppb
Iron	57-2	9900.93	11123.57	11363.11	10795.87	7.26	ppb
Krypton	83-1						cps
Lead	206-1	4.84	4.84	5.02	4.90	2.07	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01LX5	Instrumnet Name :	P8
Client Sample ID :	YE8C9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 17:05:55	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.62	4.58	4.57	4.59	0.57	ppb
Lead	208-1	4.70	4.65	4.71	4.69	0.75	ppb
Lithium	6-1				92		%
Magnesium	24-2	1786.67	1999.44	2012.63	1932.91	6.56	ppb
Manganese	55-2	85.29	96.00	97.18	92.82	7.06	ppb
Molybdenum	94-1	0.69	0.72	0.65	0.69	5.06	ppb
Molybdenum	95-1	0.36	0.34	0.36	0.35	2.54	ppb
Molybdenum	96-1	0.42	0.48	0.47	0.46	7.02	ppb
Molybdenum	97-1	0.36	0.44	0.42	0.41	10.16	ppb
Molybdenum	98-1	0.34	0.39	0.36	0.36	6.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.34	14.82	15.88	14.68	8.69	ppb
Phosphorus	31-2	98.11	104.15	110.11	104.12	5.76	ppb
Potassium	39-2	92.41	112.28	113.34	106.01	11.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	0.73	0.92	0.32	0.66	46.83	ppb
Selenium	77-2	16.58	0.00	2.04	6.21	145.69	ppb
Selenium	78-2	-0.48	0.24	-0.37	-0.20		ppb
Silicon	28-1	15.07	15.46	17.14	15.89	6.91	ppb
Silver	107-1	0.07	0.07	0.06	0.07	8.30	ppb
Silver	109-1	0.07	0.06	0.08	0.07	10.76	ppb
Sodium	23-2	21.96	29.23	30.64	27.28	17.07	ppb
Strontium	86-1	242.36	241.25	244.92	242.85	0.77	ppb
Strontium	88-1	240.47	245.38	243.02	242.95	1.01	ppb
Sulfur	34-1	-220.95	-248.53	-326.99	-265.49		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.03	0.04	10.36	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	10.04	ppb
Tin	118-1	0.31	0.30	0.30	0.30	3.16	ppb
Titanium	47-1	6.49	6.28	6.29	6.35	1.86	ppb
Uranium	238-1	0.08	0.09	0.08	0.08	7.43	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01LX5	Instrumnet Name :	P8
Client Sample ID :	YE8C9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 17:05:55	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.92	11.97	12.41	11.77	6.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	23.27	26.46	25.27	25.00	6.44	ppb
Zirconium	90-1	0.19	0.20	0.21	0.20	6.46	ppb
Zirconium	91-1	0.23	0.23	0.21	0.22	7.20	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-03	Instrumnet Name :	P8
Client Sample ID :	YE8C9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:09:15	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17925.38	17932.87	18098.24	17985.50	0.54	ppb
Antimony	121-1	1.04	1.00	0.96	1.00	3.63	ppb
Arsenic	75-2	46.67	46.08	46.99	46.58	0.99	ppb
Barium	135-1	234.81	234.31	226.27	231.80	2.07	ppb
Barium	137-1	237.94	237.55	229.83	235.11	1.95	ppb
Beryllium	9-1	0.84	0.84	0.81	0.83	2.02	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	2.09	1.29	1.35	1.58	28.29	ppb
Cadmium	106-1	-0.84	-1.05	0.04	-0.62		ppb
Cadmium	111-1	0.20	0.16	0.28	0.21	29.30	ppb
Calcium	43-1	6599.85	6598.64	6442.22	6546.91	1.38	ppb
Calcium	44-1	6531.34	6454.87	6292.23	6426.14	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.40	41.80	42.29	42.16	0.76	ppb
Cobalt	59-2	48.73	48.64	48.94	48.77	0.32	ppb
Copper	63-2	82.76	83.48	83.86	83.37	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				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	52027.63	51900.70	52428.36	52118.90	0.53	ppb
Iron	56-2	51440.42	51508.06	52047.60	51665.36	0.64	ppb
Iron	57-2	49056.94	49312.63	49828.08	49399.22	0.80	ppb
Krypton	83-1						cps
Lead	206-1	25.91	26.09	24.88	25.63	2.55	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-03	Instrumnet Name :	P8
Client Sample ID :	YE8C9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:09:15	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.94	24.71	24.07	24.57	1.83	ppb
Lead	208-1	25.04	25.15	24.15	24.78	2.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	9863.64	9872.68	10020.47	9918.93	0.89	ppb
Manganese	55-2	851.54	861.19	867.13	859.95	0.91	ppb
Molybdenum	94-1	107.37	106.94	102.89	105.74	2.34	ppb
Molybdenum	95-1	128.71	128.27	123.10	126.69	2.47	ppb
Molybdenum	96-1	125.22	124.99	121.05	123.75	1.89	ppb
Molybdenum	97-1	129.38	129.99	123.04	127.47	3.02	ppb
Molybdenum	98-1	127.59	127.61	121.93	125.71	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.11	80.31	81.48	80.30	1.47	ppb
Phosphorus	31-2	568.90	545.69	470.74	528.44	9.71	ppb
Potassium	39-2	571.97	589.93	587.38	583.09	1.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.51	0.57	1.19	0.76	49.38	ppb
Selenium	77-2	18.96	24.73	13.30	19.00	30.09	ppb
Selenium	78-2	3.99	1.78	7.34	4.37	64.05	ppb
Silicon	28-1	224.65	222.84	217.35	221.61	1.72	ppb
Silver	107-1	0.32	0.29	0.30	0.30	4.71	ppb
Silver	109-1	0.29	0.32	0.31	0.31	3.45	ppb
Sodium	23-2	136.81	140.81	145.06	140.89	2.93	ppb
Strontium	86-1	95464.31	95375.02	91606.85	94148.73	2.34	ppb
Strontium	88-1	95295.36	95450.67	90281.60	93675.88	3.14	ppb
Sulfur	34-1	-238.21	-292.71	-310.77	-280.56		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.16	0.14	0.12	0.14	16.12	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	2.70	ppb
Tin	118-1	0.50	0.47	0.45	0.47	6.07	ppb
Titanium	47-1	27.36	32.83	29.62	29.94	9.17	ppb
Uranium	238-1	0.41	0.42	0.40	0.41	2.42	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-03	Instrumnet Name :	P8
Client Sample ID :	YE8C9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:09:15	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	53.66	53.28	54.87	53.94	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	126.46	123.77	125.07	125.10	1.08	ppb
Zirconium	90-1	0.76	0.76	0.72	0.75	3.19	ppb
Zirconium	91-1	0.75	1.03	0.75	0.84	18.86	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-04	Instrumnet Name :	P8
Client Sample ID :	MH2GZ1	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:12:33	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18305.51	17784.55	17372.42	17820.83	2.62	ppb
Antimony	121-1	1.52	1.45	1.50	1.49	2.53	ppb
Arsenic	75-2	20.73	20.14	21.37	20.75	2.96	ppb
Barium	135-1	607.19	594.99	612.30	604.83	1.47	ppb
Barium	137-1	646.62	640.52	655.95	647.70	1.20	ppb
Beryllium	9-1	1.76	1.79	1.73	1.76	1.80	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	4.01	3.66	3.40	3.69	8.26	ppb
Cadmium	106-1	2.84	2.48	5.05	3.46	40.17	ppb
Cadmium	111-1	3.66	3.30	3.72	3.56	6.32	ppb
Calcium	43-1	169835.41	172013.44	171714.62	171187.83	0.69	ppb
Calcium	44-1	170148.98	169704.68	171433.35	170429.00	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.28	26.54	25.90	26.57	2.60	ppb
Cobalt	59-2	20.19	19.50	18.90	19.53	3.31	ppb
Copper	63-2	93.95	90.71	89.66	91.44	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	47424.57	45856.57	45313.76	46198.30	2.37	ppb
Iron	56-2	46515.92	44828.99	44008.21	45117.71	2.83	ppb
Iron	57-2	44554.14	43235.63	42303.89	43364.55	2.61	ppb
Krypton	83-1						cps
Lead	206-1	208.21	205.96	209.36	207.84	0.83	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-04	Instrumnet Name :	P8
Client Sample ID :	MH2GZ1	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:12:33	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	200.88	199.28	202.19	200.78	0.73	ppb
Lead	208-1	209.70	207.04	212.20	209.65	1.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	13342.42	13121.17	12587.26	13016.95	2.98	ppb
Manganese	55-2	1208.98	1171.00	1143.95	1174.64	2.78	ppb
Molybdenum	94-1	6.92	6.95	6.73	6.87	1.71	ppb
Molybdenum	95-1	4.61	4.62	4.52	4.58	1.22	ppb
Molybdenum	96-1	5.00	5.02	4.99	5.00	0.35	ppb
Molybdenum	97-1	4.55	4.63	4.41	4.53	2.47	ppb
Molybdenum	98-1	4.48	4.54	4.45	4.49	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.51	92.40	90.87	92.59	1.98	ppb
Phosphorus	31-2	4072.95	3943.84	3904.68	3973.82	2.22	ppb
Potassium	39-2	4932.02	4799.47	4687.52	4806.33	2.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	1.84	1.58	2.22	1.88	17.25	ppb
Selenium	77-2	72.98	57.80	60.88	63.89	12.56	ppb
Selenium	78-2	9.90	8.69	9.13	9.24	6.62	ppb
Silicon	28-1	87.75	84.90	83.43	85.36	2.57	ppb
Silver	107-1	0.91	0.87	0.87	0.88	2.53	ppb
Silver	109-1	0.87	0.92	0.90	0.90	2.89	ppb
Sodium	23-2	697.78	684.32	659.33	680.48	2.87	ppb
Strontium	86-1	8821.19	8968.28	8801.72	8863.73	1.03	ppb
Strontium	88-1	9272.74	9294.17	9138.48	9235.13	0.91	ppb
Sulfur	34-1	1354.09	1391.00	1436.65	1393.91	2.97	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.69	0.70	0.72	0.70	2.18	ppb
Thallium	205-1	0.70	0.69	0.68	0.69	1.26	ppb
Tin	118-1	6.40	6.38	6.51	6.43	1.11	ppb
Titanium	47-1	204.29	207.41	206.79	206.16	0.80	ppb
Uranium	238-1	4.03	3.96	3.92	3.97	1.45	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-04	Instrumnet Name :	P8
Client Sample ID :	MH2GZ1	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:12:33	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	109.78	106.96	104.12	106.95	2.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	576.96	564.10	553.05	564.70	2.12	ppb
Zirconium	90-1	1.66	1.67	1.68	1.67	0.56	ppb
Zirconium	91-1	1.59	1.77	1.54	1.63	7.29	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-05	Instrumnet Name :	P8
Client Sample ID :	MH2GZ2	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:15:48	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19154.15	19233.97	19369.11	19252.41	0.56	ppb
Antimony	121-1	3.96	4.10	3.94	4.00	2.11	ppb
Arsenic	75-2	41.03	39.13	38.26	39.47	3.59	ppb
Barium	135-1	690.56	700.57	695.62	695.58	0.72	ppb
Barium	137-1	739.87	752.25	754.26	748.79	1.04	ppb
Beryllium	9-1	3.65	3.68	3.62	3.65	0.79	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	16.89	17.43	16.29	16.87	3.40	ppb
Cadmium	106-1	14.32	17.11	15.84	15.75	8.88	ppb
Cadmium	111-1	11.07	11.24	11.19	11.17	0.77	ppb
Calcium	43-1	176981.25	177855.76	180593.85	178476.96	1.06	ppb
Calcium	44-1	176625.07	179172.56	178501.90	178099.84	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	202.42	205.17	203.72	203.77	0.68	ppb
Cobalt	59-2	25.09	25.00	25.20	25.10	0.39	ppb
Copper	63-2	311.90	315.30	316.49	314.56	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	104527.90	102002.42	103256.46	103262.26	1.22	ppb
Iron	56-2	101671.26	102660.54	102048.78	102126.86	0.49	ppb
Iron	57-2	102790.51	103939.14	105737.56	104155.74	1.43	ppb
Krypton	83-1						cps
Lead	206-1	1069.35	1042.66	1070.37	1060.79	1.48	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-05	Instrumnet Name :	P8
Client Sample ID :	MH2GZ2	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:15:48	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1048.24	1018.10	1021.83	1029.39	1.60	ppb
Lead	208-1	1029.04	1009.38	1027.44	1021.95	1.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	39043.45	39382.73	40200.69	39542.29	1.50	ppb
Manganese	55-2	5765.10	5849.73	5922.37	5845.73	1.35	ppb
Molybdenum	94-1	16.99	17.62	17.52	17.38	1.95	ppb
Molybdenum	95-1	7.46	7.66	7.68	7.60	1.63	ppb
Molybdenum	96-1	8.90	9.22	9.08	9.06	1.76	ppb
Molybdenum	97-1	7.45	7.85	7.76	7.69	2.76	ppb
Molybdenum	98-1	7.38	7.62	7.62	7.54	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.52	106.89	107.97	107.13	0.71	ppb
Phosphorus	31-2	4190.87	3888.61	4290.12	4123.20	5.07	ppb
Potassium	39-2	5569.55	5607.37	5613.60	5596.84	0.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	1.23	2.21	2.48	1.98	33.31	ppb
Selenium	77-2	60.02	31.98	59.61	50.54	31.81	ppb
Selenium	78-2	8.77	5.20	5.11	6.36	32.86	ppb
Silicon	28-1	715.91	715.34	724.09	718.45	0.68	ppb
Silver	107-1	3.07	3.04	3.08	3.06	0.65	ppb
Silver	109-1	3.00	3.09	3.15	3.08	2.55	ppb
Sodium	23-2	730.17	727.61	743.86	733.88	1.19	ppb
Strontium	86-1	11430.82	11678.91	11615.36	11575.03	1.11	ppb
Strontium	88-1	11973.92	12231.56	12243.19	12149.56	1.25	ppb
Sulfur	34-1	1191.71	1213.06	1288.04	1230.94	4.11	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.57	0.56	0.53	0.55	4.51	ppb
Thallium	205-1	0.55	0.55	0.55	0.55	0.69	ppb
Tin	118-1	24.53	24.43	24.89	24.61	0.98	ppb
Titanium	47-1	458.95	460.85	465.40	461.73	0.72	ppb
Uranium	238-1	5.03	5.01	4.96	5.00	0.68	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-05	Instrumnet Name :	P8
Client Sample ID :	MH2GZ2	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:15:48	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	112.18	113.84	114.33	113.45	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	3678.92	3695.29	3698.97	3691.06	0.29	ppb
Zirconium	90-1	5.84	6.04	5.86	5.91	1.91	ppb
Zirconium	91-1	6.03	6.09	6.09	6.07	0.55	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-06	Instrumnet Name :	P8
Client Sample ID :	MH2GZ3	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:18:59	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19272.94	18101.27	18514.15	18629.45	3.19	ppb
Antimony	121-1	4.31	4.60	4.50	4.47	3.39	ppb
Arsenic	75-2	62.22	61.06	62.35	61.88	1.14	ppb
Barium	135-1	1036.81	1091.31	1091.26	1073.13	2.93	ppb
Barium	137-1	1050.69	1097.57	1081.54	1076.60	2.21	ppb
Beryllium	9-1	3.50	3.65	3.60	3.58	2.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	24.62	25.52	24.59	24.91	2.12	ppb
Cadmium	106-1	24.36	24.42	25.39	24.72	2.35	ppb
Cadmium	111-1	25.45	26.80	26.78	26.34	2.93	ppb
Calcium	43-1	234939.83	243132.11	245016.47	241029.47	2.22	ppb
Calcium	44-1	235306.95	244269.79	244875.70	241484.15	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.43	51.84	52.99	53.42	3.43	ppb
Cobalt	59-2	35.80	32.89	34.63	34.44	4.25	ppb
Copper	63-2	707.75	653.43	679.07	680.08	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	107888.32	100590.66	104527.90	104335.63	3.50	ppb
Iron	56-2	107598.82	98137.62	102592.74	102776.39	4.61	ppb
Iron	57-2	110005.19	100197.82	105041.42	105081.48	4.67	ppb
Krypton	83-1						cps
Lead	206-1	1696.52	1716.01	1744.86	1719.13	1.41	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-06	Instrumnet Name :	P8
Client Sample ID :	MH2GZ3	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:18:59	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1621.82	1687.93	1681.75	1663.83	2.19	ppb
Lead	208-1	1633.32	1697.26	1690.59	1673.72	2.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	19321.04	18188.29	18394.71	18634.68	3.24	ppb
Manganese	55-2	6893.62	6292.42	6540.50	6575.52	4.59	ppb
Molybdenum	94-1	12.28	12.65	12.81	12.58	2.16	ppb
Molybdenum	95-1	5.32	5.60	5.69	5.54	3.55	ppb
Molybdenum	96-1	6.39	6.62	6.77	6.59	2.93	ppb
Molybdenum	97-1	5.24	5.60	5.72	5.52	4.49	ppb
Molybdenum	98-1	5.20	5.46	5.51	5.39	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.21	118.75	122.79	123.25	3.85	ppb
Phosphorus	31-2	3930.12	3533.17	3788.13	3750.48	5.36	ppb
Potassium	39-2	5534.37	5148.43	5330.41	5337.73	3.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	2.67	2.05	1.72	2.15	22.29	ppb
Selenium	77-2	66.58	61.36	52.74	60.22	11.61	ppb
Selenium	78-2	9.21	14.95	7.40	10.52	37.44	ppb
Silicon	28-1	164.07	171.80	172.17	169.35	2.70	ppb
Silver	107-1	9.25	9.76	9.60	9.54	2.73	ppb
Silver	109-1	9.39	9.82	9.83	9.68	2.59	ppb
Sodium	23-2	580.28	536.81	561.45	559.52	3.90	ppb
Strontium	86-1	17476.35	18393.42	18167.94	18012.57	2.65	ppb
Strontium	88-1	17253.77	18079.01	18196.84	17843.21	2.88	ppb
Sulfur	34-1	645.77	811.21	867.64	774.87	14.88	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.18	1.22	1.22	1.21	1.72	ppb
Thallium	205-1	1.20	1.21	1.22	1.21	0.95	ppb
Tin	118-1	34.23	35.75	35.86	35.28	2.58	ppb
Titanium	47-1	300.47	314.89	313.79	309.72	2.59	ppb
Uranium	238-1	4.42	4.51	4.58	4.50	1.78	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-06	Instrumnet Name :	P8
Client Sample ID :	MH2GZ3	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:18:59	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	113.15	104.63	109.09	108.96	3.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				118		%
Zinc	66-2	5311.33	4897.03	5042.97	5083.77	4.13	ppb
Zirconium	90-1	4.08	4.42	4.37	4.29	4.26	ppb
Zirconium	91-1	4.12	4.33	4.33	4.26	2.85	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-07	Instrumnet Name :	P8
Client Sample ID :	MH2GZ4	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:22:06	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20653.17	21302.01	21023.82	20993.00	1.55	ppb
Antimony	121-1	4.52	4.68	4.67	4.62	1.93	ppb
Arsenic	75-2	75.34	74.56	76.96	75.62	1.62	ppb
Barium	135-1	1150.51	1213.87	1208.86	1191.08	2.96	ppb
Barium	137-1	1154.18	1229.10	1202.29	1195.19	3.18	ppb
Beryllium	9-1	4.17	4.39	4.39	4.32	2.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	32.81	34.36	33.11	33.43	2.46	ppb
Cadmium	106-1	31.38	34.50	33.33	33.07	4.76	ppb
Cadmium	111-1	34.28	35.88	35.91	35.36	2.64	ppb
Calcium	43-1	202382.08	212578.07	209367.50	208109.21	2.51	ppb
Calcium	44-1	204090.89	212726.85	209930.13	208915.96	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.44	44.74	44.52	44.23	1.57	ppb
Cobalt	59-2	42.48	43.35	42.63	42.82	1.09	ppb
Copper	63-2	852.10	884.48	858.05	864.88	1.99	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				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	123146.49	127287.99	125449.77	125294.75	1.66	ppb
Iron	56-2	124365.28	126843.15	124383.15	125197.20	1.14	ppb
Iron	57-2	125470.43	126891.60	126474.20	126278.74	0.58	ppb
Krypton	83-1						cps
Lead	206-1	1933.01	2052.30	2026.71	2004.00	3.13	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-07	Instrumnet Name :	P8
Client Sample ID :	MH2GZ4	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:22:06	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1913.74	1960.99	1987.04	1953.92	1.90	ppb
Lead	208-1	1920.13	1998.52	1992.53	1970.39	2.21	ppb
Lithium	6-1				99		%
Magnesium	24-2	13264.50	13649.68	13579.44	13497.87	1.52	ppb
Manganese	55-2	6402.53	6612.95	6471.50	6495.66	1.65	ppb
Molybdenum	94-1	10.86	11.70	11.65	11.40	4.15	ppb
Molybdenum	95-1	4.07	4.40	4.31	4.26	4.01	ppb
Molybdenum	96-1	5.37	5.52	5.47	5.45	1.32	ppb
Molybdenum	97-1	4.23	4.29	4.55	4.35	3.96	ppb
Molybdenum	98-1	4.03	4.21	4.26	4.17	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.68	161.96	160.31	159.98	1.35	ppb
Phosphorus	31-2	3562.19	3484.72	3436.87	3494.59	1.81	ppb
Potassium	39-2	5588.14	5748.58	5678.99	5671.90	1.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	1.69	1.79	1.64	1.71	4.58	ppb
Selenium	77-2	70.87	60.89	74.66	68.81	10.34	ppb
Selenium	78-2	7.26	12.59	9.37	9.74	27.60	ppb
Silicon	28-1	110.46	114.95	114.80	113.40	2.25	ppb
Silver	107-1	13.90	14.65	14.65	14.40	2.99	ppb
Silver	109-1	14.15	14.77	14.78	14.57	2.48	ppb
Sodium	23-2	556.22	566.75	569.36	564.11	1.23	ppb
Strontium	86-1	16546.78	17163.94	17461.28	17057.34	2.73	ppb
Strontium	88-1	16587.03	17341.84	17381.12	17103.33	2.62	ppb
Sulfur	34-1	747.24	918.94	881.12	849.10	10.63	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.71	1.80	1.82	1.77	3.34	ppb
Thallium	205-1	1.67	1.78	1.78	1.75	3.55	ppb
Tin	118-1	28.56	29.88	29.71	29.38	2.44	ppb
Titanium	47-1	299.21	313.03	310.63	307.62	2.40	ppb
Uranium	238-1	4.35	4.57	4.52	4.48	2.60	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-07	Instrumnet Name :	P8
Client Sample ID :	MH2GZ4	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:22:06	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	114.36	115.79	114.97	115.04	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	6522.77	6651.64	6661.57	6611.99	1.17	ppb
Zirconium	90-1	4.20	4.28	4.37	4.28	2.01	ppb
Zirconium	91-1	4.14	4.35	4.34	4.28	2.78	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-08	Instrumnet Name :	P8
Client Sample ID :	MH2GZ5	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:25:15	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22200.11	22023.91	21773.81	21999.28	0.97	ppb
Antimony	121-1	3.46	3.73	3.66	3.61	3.89	ppb
Arsenic	75-2	71.33	74.62	73.91	73.29	2.36	ppb
Barium	135-1	949.27	985.71	980.45	971.81	2.03	ppb
Barium	137-1	923.92	1007.17	997.98	976.36	4.67	ppb
Beryllium	9-1	3.49	3.56	3.58	3.54	1.36	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	19.93	21.55	22.45	21.31	6.00	ppb
Cadmium	106-1	21.29	21.21	20.09	20.87	3.22	ppb
Cadmium	111-1	22.09	23.41	23.45	22.98	3.37	ppb
Calcium	43-1	149456.69	154150.25	152531.35	152046.10	1.57	ppb
Calcium	44-1	148799.00	155227.26	153929.96	152652.07	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.23	38.70	39.12	39.02	0.72	ppb
Cobalt	59-2	35.54	35.49	35.44	35.49	0.15	ppb
Copper	63-2	633.91	635.43	629.16	632.83	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	100173.64	99792.14	99629.81	99865.20	0.28	ppb
Iron	56-2	100246.11	99244.81	98443.13	99311.35	0.91	ppb
Iron	57-2	101241.88	100357.70	102700.59	101433.39	1.17	ppb
Krypton	83-1						cps
Lead	206-1	1301.71	1337.82	1345.98	1328.50	1.77	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-08	Instrumnet Name :	P8
Client Sample ID :	MH2GZ5	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:25:15	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1272.48	1314.62	1315.29	1300.80	1.89	ppb
Lead	208-1	1275.75	1318.18	1311.04	1301.66	1.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	14619.44	14633.90	14346.67	14533.34	1.11	ppb
Manganese	55-2	4676.61	4634.50	4712.10	4674.40	0.83	ppb
Molybdenum	94-1	9.39	9.68	9.37	9.48	1.87	ppb
Molybdenum	95-1	4.78	4.91	5.03	4.90	2.54	ppb
Molybdenum	96-1	5.44	5.67	5.82	5.65	3.42	ppb
Molybdenum	97-1	4.78	4.85	5.00	4.87	2.32	ppb
Molybdenum	98-1	4.75	4.86	4.92	4.84	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.11	125.59	124.30	125.00	0.52	ppb
Phosphorus	31-2	3466.72	3371.16	3462.96	3433.62	1.58	ppb
Potassium	39-2	6013.91	6083.61	6035.86	6044.46	0.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	1.74	1.91	1.34	1.66	17.44	ppb
Selenium	77-2	77.80	64.25	72.36	71.47	9.54	ppb
Selenium	78-2	10.86	18.29	9.29	12.81	37.53	ppb
Silicon	28-1	92.58	96.44	95.01	94.68	2.06	ppb
Silver	107-1	7.96	8.34	8.34	8.21	2.68	ppb
Silver	109-1	7.90	8.37	8.44	8.24	3.55	ppb
Sodium	23-2	425.39	433.40	425.51	428.10	1.07	ppb
Strontium	86-1	11173.67	11414.46	11581.56	11389.89	1.80	ppb
Strontium	88-1	12022.69	12059.24	12313.37	12131.77	1.31	ppb
Sulfur	34-1	474.53	647.13	586.89	569.52	15.38	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	1.44	1.47	1.50	1.47	2.22	ppb
Thallium	205-1	1.46	1.50	1.51	1.49	1.53	ppb
Tin	118-1	20.80	22.31	22.21	21.77	3.88	ppb
Titanium	47-1	237.16	244.81	244.60	242.19	1.80	ppb
Uranium	238-1	4.22	4.27	4.35	4.28	1.51	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-08	Instrumnet Name :	P8
Client Sample ID :	MH2GZ5	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:25:15	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	118.56	117.72	117.47	117.92	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	3724.27	3730.14	3723.84	3726.08	0.09	ppb
Zirconium	90-1	2.85	2.97	2.96	2.93	2.31	ppb
Zirconium	91-1	2.81	2.88	2.91	2.86	1.83	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-09	Instrumnet Name :	P8
Client Sample ID :	MH2H00	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:28:24	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24004.42	23527.90	23619.52	23717.28	1.07	ppb
Antimony	121-1	24.96	25.70	25.16	25.27	1.50	ppb
Arsenic	75-2	302.63	297.40	300.41	300.14	0.87	ppb
Barium	135-1	2450.24	2488.87	2543.35	2494.15	1.88	ppb
Barium	137-1	2425.34	2539.26	2482.32	2482.31	2.29	ppb
Beryllium	9-1	3.75	3.71	3.79	3.75	0.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	22.02	20.77	23.70	22.17	6.63	ppb
Cadmium	106-1	22.84	21.57	22.53	22.31	2.97	ppb
Cadmium	111-1	17.21	17.82	17.87	17.64	2.07	ppb
Calcium	43-1	154759.36	157079.14	159909.85	157249.45	1.64	ppb
Calcium	44-1	154401.55	156695.94	157045.39	156047.63	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	363.47	360.99	358.06	360.84	0.75	ppb
Cobalt	59-2	29.60	29.25	28.82	29.23	1.33	ppb
Copper	63-2	2085.02	2080.37	2020.58	2061.99	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	137192.25	133608.57	133677.65	134826.15	1.52	ppb
Iron	56-2	136600.47	133862.07	131810.09	134090.88	1.79	ppb
Iron	57-2	137499.62	135212.12	136318.61	136343.45	0.84	ppb
Krypton	83-1						cps
Lead	206-1	6581.66	6686.58	6667.64	6645.29	0.84	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-09	Instrumnet Name :	P8
Client Sample ID :	MH2H00	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:28:24	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6329.38	6334.30	6269.22	6310.96	0.57	ppb
Lead	208-1	6354.96	6416.71	6367.75	6379.81	0.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	25593.71	25101.22	24976.56	25223.83	1.29	ppb
Manganese	55-2	11647.59	11688.10	11417.56	11584.42	1.26	ppb
Molybdenum	94-1	36.27	36.12	36.11	36.17	0.26	ppb
Molybdenum	95-1	19.34	19.37	19.53	19.42	0.53	ppb
Molybdenum	96-1	21.32	21.55	21.84	21.57	1.22	ppb
Molybdenum	97-1	19.76	19.12	19.75	19.55	1.87	ppb
Molybdenum	98-1	19.11	19.29	19.56	19.32	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.65	126.95	125.72	127.11	1.16	ppb
Phosphorus	31-2	4248.54	4237.20	4404.96	4296.90	2.18	ppb
Potassium	39-2	6715.90	6595.27	6596.35	6635.84	1.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	3.26	3.63	2.65	3.18	15.51	ppb
Selenium	77-2	64.40	68.96	56.80	63.38	9.69	ppb
Selenium	78-2	11.01	15.00	8.83	11.61	26.95	ppb
Silicon	28-1	765.90	779.64	780.15	775.23	1.04	ppb
Silver	107-1	32.40	32.87	32.61	32.63	0.72	ppb
Silver	109-1	32.26	32.78	33.15	32.73	1.36	ppb
Sodium	23-2	822.90	811.00	808.27	814.06	0.96	ppb
Strontium	86-1	13016.97	12995.99	13031.90	13014.95	0.14	ppb
Strontium	88-1	12919.52	13000.38	12839.96	12919.95	0.62	ppb
Sulfur	34-1	2095.04	2207.35	2255.61	2186.00	3.77	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.65	0.63	0.62	0.63	2.13	ppb
Thallium	205-1	0.65	0.66	0.65	0.65	0.94	ppb
Tin	118-1	38.08	39.63	38.63	38.78	2.03	ppb
Titanium	47-1	642.87	656.59	653.72	651.06	1.11	ppb
Uranium	238-1	8.74	8.78	8.70	8.74	0.45	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-09	Instrumnet Name :	P8
Client Sample ID :	MH2H00	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:28:24	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	128.72	127.93	126.46	127.70	0.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	13760.57	13570.91	13412.15	13581.21	1.28	ppb
Zirconium	90-1	10.96	11.01	10.99	10.98	0.20	ppb
Zirconium	91-1	10.78	11.31	11.03	11.04	2.43	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-10	Instrumnet Name :	P8
Client Sample ID :	MH2H01	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:31:34	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53361.47	51996.69	53277.28	52878.48	1.45	ppb
Antimony	121-1	19.49	19.84	20.17	19.83	1.73	ppb
Arsenic	75-2	283.23	281.11	283.05	282.46	0.42	ppb
Barium	135-1	3645.21	3688.79	3747.43	3693.81	1.39	ppb
Barium	137-1	3685.72	3743.06	3729.01	3719.26	0.80	ppb
Beryllium	9-1	8.59	8.71	8.62	8.64	0.77	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	21.81	21.27	21.53	21.54	1.27	ppb
Cadmium	106-1	21.25	21.66	21.56	21.49	1.00	ppb
Cadmium	111-1	18.02	18.41	18.83	18.42	2.19	ppb
Calcium	43-1	192404.45	197182.23	196647.07	195411.25	1.34	ppb
Calcium	44-1	192818.41	197073.44	196187.99	195359.95	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.22	80.45	81.41	82.03	2.39	ppb
Cobalt	59-2	44.40	42.47	43.26	43.38	2.24	ppb
Copper	63-2	2241.83	2182.73	2213.16	2212.58	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	125758.89	119458.53	122227.32	122481.58	2.58	ppb
Iron	56-2	124079.84	119509.63	120872.17	121487.21	1.93	ppb
Iron	57-2	125943.93	120974.09	123906.83	123608.28	2.02	ppb
Krypton	83-1						cps
Lead	206-1	9039.15	9181.79	9282.90	9167.94	1.34	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-10	Instrumnet Name :	P8
Client Sample ID :	MH2H01	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:31:34	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	8672.16	8706.10	8916.07	8764.78	1.51	ppb
Lead	208-1	8716.64	8843.73	9022.41	8860.93	1.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	15330.95	14987.42	14943.66	15087.34	1.41	ppb
Manganese	55-2	9644.01	9058.81	9385.54	9362.79	3.13	ppb
Molybdenum	94-1	36.79	37.44	37.35	37.19	0.94	ppb
Molybdenum	95-1	17.58	18.13	17.99	17.90	1.59	ppb
Molybdenum	96-1	19.92	20.12	20.65	20.23	1.87	ppb
Molybdenum	97-1	18.03	17.65	18.45	18.04	2.23	ppb
Molybdenum	98-1	17.69	17.86	17.97	17.84	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.05	134.34	133.91	135.43	1.68	ppb
Phosphorus	31-2	5047.82	4973.35	4971.93	4997.70	0.87	ppb
Potassium	39-2	6564.46	6416.59	6441.34	6474.13	1.22	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	3.20	3.99	3.15	3.45	13.76	ppb
Selenium	77-2	109.03	74.58	58.70	80.77	31.86	ppb
Selenium	78-2	15.67	15.19	12.59	14.48	11.44	ppb
Silicon	28-1	544.79	556.86	555.88	552.51	1.21	ppb
Silver	107-1	34.34	35.35	35.08	34.92	1.50	ppb
Silver	109-1	34.44	35.50	35.61	35.18	1.83	ppb
Sodium	23-2	2421.25	2353.76	2365.03	2380.01	1.52	ppb
Strontium	86-1	24570.78	25441.98	25185.86	25066.21	1.79	ppb
Strontium	88-1	24399.91	24850.41	24990.91	24747.07	1.25	ppb
Sulfur	34-1	1745.49	1838.96	1835.53	1806.66	2.93	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	1.21	1.23	1.23	1.22	1.15	ppb
Thallium	205-1	1.22	1.21	1.23	1.22	1.04	ppb
Tin	118-1	54.14	55.65	55.94	55.24	1.75	ppb
Titanium	47-1	1244.90	1279.10	1273.48	1265.83	1.45	ppb
Uranium	238-1	16.38	16.82	16.87	16.69	1.59	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-10	Instrumnet Name :	P8
Client Sample ID :	MH2H01	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:31:34	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	168.55	163.26	163.80	165.20	1.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	12974.51	12996.75	13141.00	13037.42	0.69	ppb
Zirconium	90-1	11.96	12.38	12.29	12.21	1.79	ppb
Zirconium	91-1	11.97	12.37	12.23	12.19	1.68	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:34:39	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45510.19	44981.15	45321.14	45270.83	0.59	ppb
Antimony	121-1	500.77	494.88	481.50	492.39	2.01	ppb
Arsenic	75-2	513.44	512.81	505.17	510.47	0.90	ppb
Barium	135-1	2531.28	2461.57	2449.76	2480.87	1.78	ppb
Barium	137-1	2509.08	2451.47	2385.51	2448.69	2.53	ppb
Beryllium	9-1	514.15	503.75	504.80	507.57	1.13	ppb
Bismuth	209-1				76		%
Bismuth	209-2				70		%
Bromine	81-1						cps
Cadmium	108-1	511.82	504.33	491.04	502.40	2.09	ppb
Cadmium	106-1	511.04	508.65	495.67	505.12	1.64	ppb
Cadmium	111-1	487.92	487.51	476.22	483.89	1.37	ppb
Calcium	43-1	253310.42	250694.81	243443.32	249149.52	2.05	ppb
Calcium	44-1	251684.39	252543.19	246916.19	250381.26	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468.55	463.86	467.27	466.56	0.52	ppb
Cobalt	59-2	503.79	501.70	506.94	504.14	0.52	ppb
Copper	63-2	4794.83	4687.91	4767.47	4750.07	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				86		%
Indium	115-1				81		%
Indium	115-2				81		%
Iron	54-2	124132.01	123092.03	122765.97	123330.00	0.58	ppb
Iron	56-2	123404.50	120491.58	122592.52	122162.86	1.23	ppb
Iron	57-2	125181.96	124651.74	125677.91	125170.54	0.41	ppb
Krypton	83-1						cps
Lead	206-1	2522.75	2590.01	2543.91	2552.22	1.35	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:34:39	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2529.17	2591.16	2516.74	2545.69	1.57	ppb
Lead	208-1	2522.59	2552.14	2512.05	2528.93	0.82	ppb
Lithium	6-1				78		%
Magnesium	24-2	238838.04	234309.21	236637.08	236594.78	0.96	ppb
Manganese	55-2	4930.23	4921.00	4875.72	4908.98	0.59	ppb
Molybdenum	94-1	5167.80	5109.71	4951.58	5076.36	2.20	ppb
Molybdenum	95-1	5071.61	5068.71	4976.53	5038.95	1.07	ppb
Molybdenum	96-1	5090.74	5052.44	4950.25	5031.14	1.44	ppb
Molybdenum	97-1	5074.75	5053.02	4933.88	5020.55	1.51	ppb
Molybdenum	98-1	5172.85	5132.95	4962.74	5089.51	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.09	513.79	518.25	516.05	0.43	ppb
Phosphorus	31-2	9387.11	9684.39	9462.41	9511.30	1.62	ppb
Potassium	39-2	119302.90	117649.22	118716.68	118556.27	0.71	ppb
Rhodium	103-1				79		%
Rhodium	103-2				77		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	516.00	519.84	506.57	514.14	1.33	ppb
Selenium	77-2	515.93	514.74	475.59	502.08	4.57	ppb
Selenium	78-2	494.07	452.55	484.10	476.91	4.55	ppb
Silicon	28-1	253.32	252.00	247.25	250.86	1.27	ppb
Silver	107-1	513.17	508.24	498.59	506.67	1.46	ppb
Silver	109-1	516.32	511.78	510.25	512.78	0.62	ppb
Sodium	23-2	237574.90	237593.41	242023.91	239064.08	1.07	ppb
Strontium	86-1	11839.84	12069.61	11663.84	11857.76	1.72	ppb
Strontium	88-1	12495.72	12515.51	12351.07	12454.10	0.72	ppb
Sulfur	34-1	10019.94	9971.08	9792.13	9927.72	1.21	ppb
Terbium	159-1				86		%
Terbium	159-2				86		%
Thallium	203-1	500.61	520.62	514.24	511.82	2.00	ppb
Thallium	205-1	508.53	518.79	504.50	510.61	1.44	ppb
Tin	118-1	507.77	489.61	482.32	493.23	2.66	ppb
Titanium	47-1	5024.71	5049.09	4867.53	4980.44	1.98	ppb
Uranium	238-1	514.19	513.39	509.15	512.24	0.53	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:34:39	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	495.36	487.83	490.45	491.22	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				87		%
Zinc	66-2	4799.56	4718.74	4788.49	4768.93	0.92	ppb
Zirconium	90-1	507.38	504.80	493.86	502.01	1.43	ppb
Zirconium	91-1	478.66	479.88	469.22	475.92	1.23	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:46:37	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.37	-0.09	-0.23	-0.23		ppb
Antimony	121-1	0.02	0.02	0.01	0.02	23.93	ppb
Arsenic	75-2	-0.04	-0.04	-0.01	-0.03		ppb
Barium	135-1	0.15	0.16	0.17	0.16	7.36	ppb
Barium	137-1	0.18	0.16	0.18	0.17	7.91	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	24.40	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.08	0.03	-0.02		ppb
Cadmium	106-1	-1.94	-1.81	-1.83	-1.86		ppb
Cadmium	111-1	-0.14	-0.13	-0.12	-0.13		ppb
Calcium	43-1	0.07	1.59	0.10	0.59	148.26	ppb
Calcium	44-1	0.18	-0.56	-0.43	-0.27		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.13	-0.10	-0.19	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				89		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	54-2	3.88	2.68	1.57	2.71	42.70	ppb
Iron	56-2	1.73	2.22	2.16	2.04	13.17	ppb
Iron	57-2	0.86	1.81	2.14	1.60	41.69	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.14	0.15	10.17	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:46:37	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.16	0.16	0.16	6.67	ppb
Lead	208-1	0.15	0.15	0.15	0.15	2.65	ppb
Lithium	6-1				78		%
Magnesium	24-2	-1.64	-0.93	-1.13	-1.24		ppb
Manganese	55-2	0.40	0.32	0.28	0.33	18.13	ppb
Molybdenum	94-1	0.06	0.02	0.01	0.03	78.90	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	9.02	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	7.95	ppb
Molybdenum	97-1	0.01	0.02	0.04	0.02	48.75	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	36.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.22	0.24	0.18	52.58	ppb
Phosphorus	31-2	-9.68	0.16	-26.10	-11.87		ppb
Potassium	39-2	3.39	2.87	1.08	2.44	49.55	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	0.18	0.25	0.42	0.28	44.46	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.90	0.43	-1.56	-0.68		ppb
Silicon	28-1	0.03	0.02	0.02	0.02	27.25	ppb
Silver	107-1	0.01	0.00	0.00	0.00	60.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.40	ppb
Sodium	23-2	-5.36	-4.16	-4.22	-4.58		ppb
Strontium	86-1	-0.17	0.07	-0.15	-0.08		ppb
Strontium	88-1	-0.09	-0.14	-0.17	-0.13		ppb
Sulfur	34-1	-108.57	-117.96	-18.49	-81.68		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.02	0.03	0.03	13.18	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	7.74	ppb
Tin	118-1	-0.02	0.08	-0.02	0.01	425.26	ppb
Titanium	47-1	0.03	0.03	0.04	0.04	13.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	391.18	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:46:37	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	1137.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	0.03	0.40	0.09	0.18	112.58	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	233.63	ppb
Zirconium	91-1	0.00	0.02	-0.01	0.01	215.01	ppb

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:42:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	20	47	30	48.44	cps
Antimony	121-1	33	43	47	41	16.89	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	147	130	170	149	13.49	cps
Barium	137-1	193	213	213	207	5.59	cps
Beryllium	9-1	186	199	206	197	5.13	cps
Bismuth	209-1	5232464	5284785	5107398	5208215	1.75	cps
Bismuth	209-2	2073726	2087356	2052703	2071261	0.84	cps
Bromine	81-1	4171	4311	4137	4206	2.19	cps
Cadmium	108-1	10	7	17	11	45.82	cps
Cadmium	106-1	3737	3651	3564	3651	2.37	cps
Cadmium	111-1	2616	2567	2506	2563	2.14	cps
Calcium	43-1	240	230	247	239	3.51	cps
Calcium	44-1	3804	3677	3694	3725	1.85	cps
Carbon	12-1	1315874	1302412	1299389	1305892	0.67	cps
Carbon	12-2	8399	8479	8776	8551	2.32	cps
Chlorine	35-1	43281	41964	42195	42480	1.66	cps
Chlorine	35-2	123	140	167	143	15.25	cps
Chromium	52-2	297	280	317	298	6.16	cps
Cobalt	59-2	73	107	83	88	19.49	cps
Copper	63-2	1537	1677	1563	1592	4.67	cps
Dysprosium	156-1	130	130	113	124	7.73	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	27	33	50	37	32.78	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	27	7	20	18	57.27	cps
Gadolinium	160-2	17	0	3	7	132.33	cps
Holmium	165-1	8044566	8109251	8012664	8055493	0.61	cps
Holmium	165-2	2881128	2831975	2793092	2835398	1.56	cps
Indium	115-1	6423073	6458710	6302837	6394873	1.28	cps
Indium	115-2	590015	597962	594880	594286	0.67	cps
Iron	54-2	183	213	193	197	7.77	cps
Iron	56-2	2947	2944	3310	3067	6.87	cps
Iron	57-2	67	103	73	81	24.08	cps
Krypton	83-1	117	93	117	109	12.37	cps
Lead	206-1	640	647	597	628	4.32	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:42:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	550	617	460	542	14.50	cps
Lead	208-1	2413	2480	2217	2370	5.78	cps
Lithium	6-1	3808075	3786415	3722949	3772480	1.17	cps
Magnesium	24-2	660	523	583	589	11.63	cps
Manganese	55-2	143	120	117	127	11.47	cps
Molybdenum	94-1	207	217	197	207	4.84	cps
Molybdenum	95-1	107	97	103	102	4.98	cps
Molybdenum	96-1	167	170	193	177	8.23	cps
Molybdenum	97-1	77	70	53	67	18.03	cps
Molybdenum	98-1	203	237	227	222	7.70	cps
Neodymium	150-1	7	3	17	9	78.08	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	457	507	577	513	11.74	cps
Phosphorus	31-2	30	47	37	38	22.21	cps
Potassium	39-2	2850	2710	2747	2769	2.62	cps
Rhodium	103-1	5875981	5795638	5699149	5790256	1.53	cps
Rhodium	103-2	2176141	2183565	2185828	2181845	0.23	cps
Scandium	45-1	4364107	4381903	4310523	4352178	0.85	cps
Scandium	45-2	73118	73118	72753	72996	0.29	cps
Selenium	82-1	-3	-33	-53	-30	-84.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	13	7	9	43.25	cps
Silicon	28-1	212586	213527	210542	212218	0.72	cps
Silver	107-1	103	100	127	110	13.21	cps
Silver	109-1	43	67	47	52	24.17	cps
Sodium	23-2	7729	7409	8076	7738	4.31	cps
Strontium	86-1	150	243	183	192	24.61	cps
Strontium	88-1	483	363	480	442	15.45	cps
Sulfur	34-1	176566	178340	177280	177395	0.50	cps
Terbium	159-1	8246047	8170888	8150544	8189160	0.61	cps
Terbium	159-2	2781574	2714109	2727047	2740910	1.31	cps
Thallium	203-1	177	133	150	153	14.25	cps
Thallium	205-1	347	397	367	370	6.80	cps
Tin	118-1	713	930	853	832	13.20	cps
Titanium	47-1	73	70	80	74	6.84	cps
Uranium	238-1	90	53	60	68	28.82	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:42:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	47	67	27	47	42.85	cps
Ytterbium	172-2	27	3	23	18	71.00	cps
Ytterbium	176-1	1090	1050	1177	1106	5.86	cps
Ytterbium	176-2	207	167	187	187	10.71	cps
Yttrium	89-1	11277159	11359905	11055750	11230938	1.40	cps
Yttrium	89-2	733609	741639	738608	737952	0.55	cps
Zinc	66-2	160	187	153	167	10.58	cps
Zirconium	90-1	397	310	410	372	14.59	cps
Zirconium	91-1	97	77	47	73	34.32	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:46:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	497	627	608	16.94	cps
Antimony	121-1	14044	13460	13533	13679	2.33	cps
Arsenic	75-2	150	120	160	143	14.52	cps
Barium	135-1	18423	17642	17431	17832	2.93	cps
Barium	137-1	30859	31146	31042	31016	0.47	cps
Beryllium	9-1	3050	3035	2947	3011	1.84	cps
Bismuth	209-1	5236138	5187511	5077553	5167067	1.57	cps
Bismuth	209-2	2118093	2012150	2111449	2080564	2.85	cps
Bromine	81-1	4107	4271	4227	4202	2.01	cps
Cadmium	108-1	97	140	190	142	32.84	cps
Cadmium	106-1	3977	3834	3911	3907	1.84	cps
Cadmium	111-1	4727	4299	4375	4467	5.11	cps
Calcium	43-1	13159	13310	13153	13207	0.67	cps
Calcium	44-1	207126	211803	211593	210174	1.26	cps
Carbon	12-1	1397940	1403813	1380587	1394113	0.87	cps
Carbon	12-2	9076	8976	9203	9085	1.25	cps
Chlorine	35-1	42810	43582	42893	43095	0.98	cps
Chlorine	35-2	163	160	170	164	3.10	cps
Chromium	52-2	2794	3100	2974	2956	5.21	cps
Cobalt	59-2	2734	2800	2934	2823	3.61	cps
Copper	63-2	5564	5184	5328	5359	3.58	cps
Dysprosium	156-1	90	100	133	108	21.06	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	30	37	30	32	11.95	cps
Erbium	164-2	10	47	20	26	74.17	cps
Gadolinium	160-1	33	27	30	30	11.10	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	8090518	7913065	7949944	7984509	1.17	cps
Holmium	165-2	2933291	2840232	2918625	2897383	1.73	cps
Indium	115-1	6258010	6308532	6204073	6256872	0.83	cps
Indium	115-2	617215	584148	609021	603461	2.85	cps
Iron	54-2	3157	3117	2870	3048	5.09	cps
Iron	56-2	56384	55755	55567	55902	0.77	cps
Iron	57-2	1390	1327	1413	1377	3.26	cps
Krypton	83-1	87	80	70	79	10.64	cps
Lead	206-1	6392	6282	6448	6374	1.33	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:46:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5701	5738	5871	5770	1.55	cps
Lead	208-1	26087	25170	25703	25653	1.80	cps
Lithium	6-1	3708572	3673588	3683385	3688515	0.49	cps
Magnesium	24-2	50955	49256	49728	49980	1.75	cps
Manganese	55-2	673	713	663	683	3.87	cps
Molybdenum	94-1	14881	14841	14561	14761	1.18	cps
Molybdenum	95-1	18012	17968	17942	17974	0.20	cps
Molybdenum	96-1	19761	19223	19744	19576	1.56	cps
Molybdenum	97-1	10714	10958	10884	10852	1.15	cps
Molybdenum	98-1	28352	27898	28660	28303	1.35	cps
Neodymium	150-1	13	17	23	18	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1290	1163	1300	1251	6.09	cps
Phosphorus	31-2	50	67	77	64	20.91	cps
Potassium	39-2	30512	30235	29834	30194	1.13	cps
Rhodium	103-1	5784602	5716876	5617555	5706344	1.47	cps
Rhodium	103-2	2305119	2150920	2231468	2229169	3.46	cps
Scandium	45-1	4310130	4336206	4294636	4313657	0.49	cps
Scandium	45-2	76020	71141	74525	73895	3.38	cps
Selenium	82-1	592	673	676	647	7.30	cps
Selenium	77-2	7	13	0	7	99.98	cps
Selenium	78-2	53	33	30	39	32.45	cps
Silicon	28-1	248504	247180	250146	248610	0.60	cps
Silver	107-1	9323	8910	9123	9119	2.27	cps
Silver	109-1	8720	8183	8793	8565	3.89	cps
Sodium	23-2	102916	101231	102174	102107	0.83	cps
Strontium	86-1	2494	2704	2677	2625	4.36	cps
Strontium	88-1	20672	20922	21173	20922	1.20	cps
Sulfur	34-1	180861	179703	181069	180544	0.41	cps
Terbium	159-1	8228441	8212901	8186917	8209420	0.26	cps
Terbium	159-2	2826246	2733927	2839622	2799932	2.06	cps
Thallium	203-1	7472	7235	7516	7408	2.04	cps
Thallium	205-1	17625	17929	17879	17811	0.91	cps
Tin	118-1	29779	30501	30868	30383	1.82	cps
Titanium	47-1	5634	5608	5588	5610	0.42	cps
Uranium	238-1	23839	23308	23542	23563	1.13	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:46:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5311	4974	5024	5103	3.56	cps
Ytterbium	172-1	40	33	53	42	24.12	cps
Ytterbium	172-2	3	23	27	18	71.00	cps
Ytterbium	176-1	1150	1120	1103	1125	2.10	cps
Ytterbium	176-2	183	200	210	198	6.81	cps
Yttrium	89-1	11130321	10981376	11032577	11048091	0.68	cps
Yttrium	89-2	769686	732319	760671	754225	2.59	cps
Zinc	66-2	1170	1203	1083	1152	5.38	cps
Zirconium	90-1	12349	12783	12416	12516	1.87	cps
Zirconium	91-1	2710	2820	2894	2808	3.29	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:49:47	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27803	27413	27486	27567	0.75	cps
Antimony	121-1	327067	330224	330585	329292	0.59	cps
Arsenic	75-2	5918	5701	5655	5758	2.44	cps
Barium	135-1	418446	423771	425921	422713	0.91	cps
Barium	137-1	730189	737391	736996	734859	0.55	cps
Beryllium	9-1	133665	135084	134211	134320	0.53	cps
Bismuth	209-1	5123346	5174905	5201583	5166611	0.77	cps
Bismuth	209-2	2046786	2072534	2074035	2064451	0.74	cps
Bromine	81-1	4141	3941	4097	4060	2.59	cps
Cadmium	108-1	7012	6995	7402	7136	3.23	cps
Cadmium	106-1	13467	13550	13597	13538	0.49	cps
Cadmium	111-1	89971	89871	90501	90114	0.38	cps
Calcium	43-1	120889	121806	122643	121779	0.72	cps
Calcium	44-1	1993552	2029503	2022381	2015145	0.94	cps
Carbon	12-1	1536178	1576145	1602072	1571465	2.11	cps
Carbon	12-2	10737	10464	10290	10497	2.15	cps
Chlorine	35-1	44849	44588	44595	44678	0.33	cps
Chlorine	35-2	213	163	127	168	25.93	cps
Chromium	52-2	65600	65372	66253	65741	0.70	cps
Cobalt	59-2	126149	125399	125376	125641	0.35	cps
Copper	63-2	943594	939877	942352	941941	0.20	cps
Dysprosium	156-1	107	80	120	102	19.92	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	37	57	48	21.31	cps
Erbium	164-2	10	7	23	13	66.12	cps
Gadolinium	160-1	27	33	27	29	13.31	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	7978411	8077900	8039736	8032016	0.62	cps
Holmium	165-2	2854307	2863875	2825971	2848051	0.69	cps
Indium	115-1	6153478	6265783	6227391	6215551	0.92	cps
Indium	115-2	595506	594862	596866	595745	0.17	cps
Iron	54-2	134953	135367	136629	135650	0.64	cps
Iron	56-2	2552423	2562030	2572912	2562455	0.40	cps
Iron	57-2	62432	62248	62031	62237	0.32	cps
Krypton	83-1	100	123	37	87	51.74	cps
Lead	206-1	1385242	1407581	1408635	1400486	0.94	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:49:47	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1213872	1222007	1221984	1219288	0.38	cps
Lead	208-1	5751092	5805755	5801494	5786114	0.53	cps
Lithium	6-1	3692400	3768209	3767468	3742692	1.16	cps
Magnesium	24-2	477872	471804	474303	474660	0.64	cps
Manganese	55-2	283212	283813	281631	282885	0.40	cps
Molybdenum	94-1	1161566	1176499	1178230	1172098	0.78	cps
Molybdenum	95-1	1779805	1796389	1783883	1786692	0.48	cps
Molybdenum	96-1	1922983	1919378	1894674	1912345	0.81	cps
Molybdenum	97-1	1042011	1051644	1045055	1046236	0.47	cps
Molybdenum	98-1	2878699	2853315	2839774	2857263	0.69	cps
Neodymium	150-1	60	73	93	76	22.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	34645	34833	35354	34944	1.05	cps
Phosphorus	31-2	1270	1163	1327	1253	6.62	cps
Potassium	39-2	134021	134109	134213	134115	0.07	cps
Rhodium	103-1	5672594	5725496	5653251	5683780	0.66	cps
Rhodium	103-2	2176019	2130590	2159740	2155450	1.07	cps
Scandium	45-1	4305849	4337175	4403461	4348828	1.15	cps
Scandium	45-2	73396	73017	73604	73339	0.41	cps
Selenium	82-1	5317	5556	5699	5524	3.49	cps
Selenium	77-2	70	90	77	79	12.91	cps
Selenium	78-2	253	290	313	286	10.59	cps
Silicon	28-1	4009030	4032017	4033974	4025007	0.34	cps
Silver	107-1	442877	446223	454454	447851	1.33	cps
Silver	109-1	423330	426257	431554	427047	0.98	cps
Sodium	23-2	940086	938994	935844	938308	0.23	cps
Strontium	86-1	119018	118214	119613	118948	0.59	cps
Strontium	88-1	1025251	1033459	1036193	1031634	0.55	cps
Sulfur	34-1	214907	215557	216328	215597	0.33	cps
Terbium	159-1	8157779	8307734	8253899	8239804	0.92	cps
Terbium	159-2	2740861	2757431	2742139	2746810	0.34	cps
Thallium	203-1	351283	356189	356314	354595	0.81	cps
Thallium	205-1	847398	857186	865244	856609	1.04	cps
Tin	118-1	282993	286093	287411	285499	0.79	cps
Titanium	47-1	508057	514729	519344	514043	1.10	cps
Uranium	238-1	1107111	1110912	1114468	1110830	0.33	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:49:47	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	49719	49997	50288	50001	0.57	cps
Ytterbium	172-1	40	60	40	47	24.74	cps
Ytterbium	172-2	13	30	20	21	39.75	cps
Ytterbium	176-1	2667	2817	2820	2768	3.16	cps
Ytterbium	176-2	680	720	640	680	5.88	cps
Yttrium	89-1	11032231	11183379	11287407	11167672	1.15	cps
Yttrium	89-2	747451	751905	742705	747354	0.62	cps
Zinc	66-2	99295	99956	100530	99927	0.62	cps
Zirconium	90-1	581587	590141	586725	586151	0.73	cps
Zirconium	91-1	130184	131103	129551	130279	0.60	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:53:03	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70131	69843	70141	70039	0.24	cps
Antimony	121-1	820623	826286	826454	824454	0.40	cps
Arsenic	75-2	15001	14614	14838	14818	1.31	cps
Barium	135-1	1059153	1057552	1067910	1061538	0.53	cps
Barium	137-1	1900342	1913095	1925711	1913049	0.66	cps
Beryllium	9-1	335787	336244	334363	335464	0.29	cps
Bismuth	209-1	4656992	4912968	5152057	4907339	5.05	cps
Bismuth	209-2	2053217	2047811	2020254	2040427	0.87	cps
Bromine	81-1	4017	4377	4411	4268	5.11	cps
Cadmium	108-1	17588	17638	17501	17576	0.39	cps
Cadmium	106-1	27501	27902	28172	27858	1.21	cps
Cadmium	111-1	221272	222994	221397	221888	0.43	cps
Calcium	43-1	303102	305527	305874	304834	0.50	cps
Calcium	44-1	5002906	4981115	4995022	4993014	0.22	cps
Carbon	12-1	1599833	1584933	1595258	1593341	0.48	cps
Carbon	12-2	10574	10901	10691	10722	1.54	cps
Chlorine	35-1	44842	45582	46136	45520	1.43	cps
Chlorine	35-2	180	167	183	177	4.99	cps
Chromium	52-2	164399	166405	166742	165848	0.76	cps
Cobalt	59-2	314570	314263	316165	314999	0.32	cps
Copper	63-2	2457740	2502847	2455794	2472127	1.08	cps
Dysprosium	156-1	97	123	110	110	12.12	cps
Dysprosium	156-2	10	3	20	11	75.52	cps
Erbium	164-1	47	43	57	49	14.20	cps
Erbium	164-2	30	13	7	17	72.11	cps
Gadolinium	160-1	43	33	60	46	29.58	cps
Gadolinium	160-2	23	13	7	14	58.06	cps
Holmium	165-1	7292566	7914313	7968053	7724977	4.86	cps
Holmium	165-2	2831753	2882679	2856671	2857035	0.89	cps
Indium	115-1	5650863	6089289	6153268	5964473	4.59	cps
Indium	115-2	597597	603623	600441	600553	0.50	cps
Iron	54-2	342794	339530	342779	341701	0.55	cps
Iron	56-2	6509926	6387567	6420849	6439447	0.98	cps
Iron	57-2	156788	155046	157128	156321	0.71	cps
Krypton	83-1	117	100	110	109	7.71	cps
Lead	206-1	3675165	3678391	3655295	3669617	0.34	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:53:03	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3195303	3167273	3203920	3188832	0.60	cps
Lead	208-1	14562424	14440231	14658089	14553581	0.75	cps
Lithium	6-1	3450448	3669717	3766915	3629027	4.47	cps
Magnesium	24-2	1240814	1240081	1259537	1246811	0.88	cps
Manganese	55-2	717472	715888	715583	716314	0.14	cps
Molybdenum	94-1	3008160	3057980	3063577	3043239	1.00	cps
Molybdenum	95-1	4436758	4467659	4494928	4466448	0.65	cps
Molybdenum	96-1	4808332	4795600	4798709	4800880	0.14	cps
Molybdenum	97-1	2784599	2722582	2755281	2754154	1.13	cps
Molybdenum	98-1	7107862	7086469	7127441	7107257	0.29	cps
Neodymium	150-1	123	123	120	122	1.58	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	86585	86584	85360	86177	0.82	cps
Phosphorus	31-2	3084	3080	3230	3131	2.74	cps
Potassium	39-2	337156	334897	337657	336570	0.44	cps
Rhodium	103-1	5172494	5496214	5632049	5433586	4.35	cps
Rhodium	103-2	2138673	2166527	2158551	2154584	0.67	cps
Scandium	45-1	4015569	4249696	4353469	4206245	4.12	cps
Scandium	45-2	74780	74860	74750	74796	0.08	cps
Selenium	82-1	14034	13634	14352	14007	2.57	cps
Selenium	77-2	247	217	237	233	6.55	cps
Selenium	78-2	727	700	730	719	2.29	cps
Silicon	28-1	9790550	9777865	9831159	9799858	0.28	cps
Silver	107-1	1111658	1117207	1123002	1117289	0.51	cps
Silver	109-1	1050792	1070825	1070418	1064012	1.08	cps
Sodium	23-2	2415756	2454997	2432425	2434393	0.81	cps
Strontium	86-1	297685	299816	302509	300003	0.81	cps
Strontium	88-1	2728078	2669254	2703814	2700382	1.09	cps
Sulfur	34-1	274893	274927	275827	275216	0.19	cps
Terbium	159-1	7719843	7989709	8306664	8005406	3.67	cps
Terbium	159-2	2778818	2732467	2745679	2752321	0.87	cps
Thallium	203-1	894716	898386	895349	896150	0.22	cps
Thallium	205-1	2259535	2234684	2228083	2240767	0.74	cps
Tin	118-1	717315	721312	723247	720625	0.42	cps
Titanium	47-1	1358402	1347791	1339201	1348465	0.71	cps
Uranium	238-1	2936172	2996823	2986774	2973256	1.09	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:53:03	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	128009	127549	128689	128082	0.45	cps
Ytterbium	172-1	77	67	63	69	10.08	cps
Ytterbium	172-2	20	33	13	22	45.83	cps
Ytterbium	176-1	4881	4994	5138	5004	2.57	cps
Ytterbium	176-2	1543	1593	1557	1565	1.66	cps
Yttrium	89-1	10282017	10779555	11250417	10770663	4.50	cps
Yttrium	89-2	754936	761520	757536	757997	0.44	cps
Zinc	66-2	251245	252321	252863	252143	0.33	cps
Zirconium	90-1	1533687	1521486	1555949	1537040	1.14	cps
Zirconium	91-1	328060	326438	329374	327957	0.45	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:56:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142978	140386	141207	141524	0.94	cps
Antimony	121-1	1747790	1733787	1758867	1746815	0.72	cps
Arsenic	75-2	29908	30009	29544	29820	0.82	cps
Barium	135-1	2259147	2269562	2286628	2271779	0.61	cps
Barium	137-1	3799167	3909882	3901835	3870295	1.59	cps
Beryllium	9-1	660968	674204	673073	669415	1.10	cps
Bismuth	209-1	5182605	5133196	5110251	5142018	0.72	cps
Bismuth	209-2	2003836	2058640	2039804	2034094	1.37	cps
Bromine	81-1	4297	4541	4474	4437	2.83	cps
Cadmium	108-1	34403	35054	35546	35001	1.64	cps
Cadmium	106-1	51924	52710	54420	53018	2.41	cps
Cadmium	111-1	435954	446034	448692	443560	1.51	cps
Calcium	43-1	608336	621379	618984	616233	1.13	cps
Calcium	44-1	9958704	10195554	10243395	10132551	1.50	cps
Carbon	12-1	1611017	1670774	1657881	1646557	1.91	cps
Carbon	12-2	11228	11098	10964	11096	1.19	cps
Chlorine	35-1	47752	47170	47548	47490	0.62	cps
Chlorine	35-2	220	250	153	208	23.81	cps
Chromium	52-2	338815	338436	338135	338462	0.10	cps
Cobalt	59-2	637297	647945	642618	642620	0.83	cps
Copper	63-2	4973201	5027761	4963332	4988098	0.70	cps
Dysprosium	156-1	143	110	100	118	19.27	cps
Dysprosium	156-2	3	20	7	10	88.20	cps
Erbium	164-1	113	67	83	88	26.94	cps
Erbium	164-2	30	27	47	34	31.11	cps
Gadolinium	160-1	33	67	43	48	35.81	cps
Gadolinium	160-2	17	20	3	13	66.16	cps
Holmium	165-1	8249678	8237024	8180475	8222392	0.45	cps
Holmium	165-2	2899932	2900006	2906508	2902148	0.13	cps
Indium	115-1	6495427	6272813	6319235	6362492	1.85	cps
Indium	115-2	599364	599596	603775	600911	0.41	cps
Iron	54-2	688966	689779	696532	691759	0.60	cps
Iron	56-2	13105329	12870631	13091244	13022401	1.01	cps
Iron	57-2	316126	315925	316999	316350	0.18	cps
Krypton	83-1	90	100	80	90	11.11	cps
Lead	206-1	7235598	7390698	7377222	7334506	1.17	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:56:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6223031	6342016	6331727	6298924	1.05	cps
Lead	208-1	28608182	29299292	28964890	28957455	1.19	cps
Lithium	6-1	3914622	3863007	3824633	3867421	1.17	cps
Magnesium	24-2	2536638	2525104	2537861	2533201	0.28	cps
Manganese	55-2	1539097	1562631	1508307	1536678	1.77	cps
Molybdenum	94-1	6156690	6216863	6237276	6203610	0.68	cps
Molybdenum	95-1	8912203	9048551	9059773	9006842	0.91	cps
Molybdenum	96-1	9627060	9823483	9742272	9730938	1.01	cps
Molybdenum	97-1	5464633	5606091	5588880	5553201	1.39	cps
Molybdenum	98-1	14336461	14443160	14642886	14474169	1.07	cps
Neodymium	150-1	210	233	273	239	13.41	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	173716	173857	173810	173794	0.04	cps
Phosphorus	31-2	6408	6455	6418	6427	0.38	cps
Potassium	39-2	688603	682514	688446	686521	0.51	cps
Rhodium	103-1	5826033	5727790	5711714	5755179	1.08	cps
Rhodium	103-2	2130565	2149016	2158708	2146096	0.67	cps
Scandium	45-1	4517142	4461242	4497381	4491921	0.63	cps
Scandium	45-2	75688	75135	76154	75659	0.67	cps
Selenium	82-1	27401	28077	28535	28004	2.04	cps
Selenium	77-2	457	463	427	449	4.35	cps
Selenium	78-2	1567	1413	1610	1530	6.75	cps
Silicon	28-1	19387990	19677934	19490268	19518731	0.75	cps
Silver	107-1	2317028	2381545	2420020	2372865	2.19	cps
Silver	109-1	2226447	2243855	2246035	2238779	0.48	cps
Sodium	23-2	4967448	4959711	5001559	4976239	0.45	cps
Strontium	86-1	601404	608745	614034	608061	1.04	cps
Strontium	88-1	5404392	5457492	5451584	5437822	0.54	cps
Sulfur	34-1	377096	380543	382054	379897	0.67	cps
Terbium	159-1	8499267	8437708	8322712	8419895	1.06	cps
Terbium	159-2	2780260	2806264	2826994	2804506	0.83	cps
Thallium	203-1	1881264	1912843	1881945	1892018	0.95	cps
Thallium	205-1	4453324	4487816	4479140	4473427	0.40	cps
Tin	118-1	1434336	1445165	1463674	1447725	1.02	cps
Titanium	47-1	2724247	2746876	2754512	2741879	0.57	cps
Uranium	238-1	5727090	5942777	5883589	5851152	1.90	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:56:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	263038	264343	261868	263083	0.47	cps
Ytterbium	172-1	107	63	117	96	29.67	cps
Ytterbium	172-2	30	43	50	41	24.77	cps
Ytterbium	176-1	8993	8986	9383	9121	2.49	cps
Ytterbium	176-2	3150	2947	2930	3009	4.07	cps
Yttrium	89-1	11708663	11586873	11559654	11618397	0.68	cps
Yttrium	89-2	768167	762760	772421	767783	0.63	cps
Zinc	66-2	506792	511722	507649	508721	0.52	cps
Zirconium	90-1	3090345	3167857	3182474	3146892	1.57	cps
Zirconium	91-1	660494	669492	675400	668462	1.12	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:59:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285298	282619	288060	285326	0.95	cps
Antimony	121-1	3445018	3492838	3559654	3499170	1.65	cps
Arsenic	75-2	61212	61236	60318	60922	0.86	cps
Barium	135-1	4499953	4521376	4480377	4500568	0.46	cps
Barium	137-1	7616257	7612846	7706118	7645074	0.69	cps
Beryllium	9-1	1342965	1396205	1428954	1389375	3.12	cps
Bismuth	209-1	5119652	5079371	5067526	5088850	0.54	cps
Bismuth	209-2	2019224	1994399	1999383	2004336	0.66	cps
Bromine	81-1	4524	4521	4641	4562	1.50	cps
Cadmium	108-1	68820	70251	69876	69649	1.07	cps
Cadmium	106-1	99058	102762	103229	101683	2.25	cps
Cadmium	111-1	855270	869149	887986	870801	1.89	cps
Calcium	43-1	1252307	1284889	1294038	1277078	1.72	cps
Calcium	44-1	20206881	20711876	20410797	20443185	1.24	cps
Carbon	12-1	1734280	1770002	1808194	1770825	2.09	cps
Carbon	12-2	12369	12572	13386	12776	4.21	cps
Chlorine	35-1	52793	54519	55101	54137	2.22	cps
Chlorine	35-2	223	273	203	233	15.45	cps
Chromium	52-2	680105	683584	685497	683062	0.40	cps
Cobalt	59-2	1280298	1280378	1291642	1284106	0.51	cps
Copper	63-2	9734907	9753586	9796226	9761573	0.32	cps
Dysprosium	156-1	173	143	140	152	12.06	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	117	110	163	130	22.36	cps
Erbium	164-2	33	27	23	28	18.33	cps
Gadolinium	160-1	113	67	80	87	27.74	cps
Gadolinium	160-2	17	43	20	27	54.47	cps
Holmium	165-1	8421217	8348726	8288724	8352889	0.79	cps
Holmium	165-2	2938039	2965580	2965931	2956516	0.54	cps
Indium	115-1	6460042	6296073	6335999	6364038	1.34	cps
Indium	115-2	604956	605031	606561	605516	0.15	cps
Iron	54-2	1453737	1448374	1474075	1458729	0.93	cps
Iron	56-2	26027708	26074626	26317323	26139886	0.59	cps
Iron	57-2	636327	635789	640103	637406	0.37	cps
Krypton	83-1	107	87	110	101	12.48	cps
Lead	206-1	14109236	14465411	14488566	14354405	1.48	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:59:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12212350	12464618	12454309	12377092	1.15	cps
Lead	208-1	56487038	57449126	57580650	57172271	1.04	cps
Lithium	6-1	3937002	3892138	3850894	3893345	1.11	cps
Magnesium	24-2	4966885	4994221	5067234	5009447	1.04	cps
Manganese	55-2	3032888	3090585	3087946	3070473	1.06	cps
Molybdenum	94-1	12155784	12365919	12594995	12372232	1.78	cps
Molybdenum	95-1	17780075	18087810	18367801	18078562	1.63	cps
Molybdenum	96-1	19352521	19810902	19929519	19697647	1.55	cps
Molybdenum	97-1	11019546	11205030	11333031	11185869	1.41	cps
Molybdenum	98-1	28683361	29033710	29441177	29052749	1.31	cps
Neodymium	150-1	440	443	430	438	1.59	cps
Neodymium	150-2	27	13	37	26	45.82	cps
Nickel	60-2	346157	345239	344443	345279	0.25	cps
Phosphorus	31-2	13163	12966	12809	12979	1.37	cps
Potassium	39-2	1462041	1434941	1451293	1449425	0.94	cps
Rhodium	103-1	5733595	5690286	5712827	5712236	0.38	cps
Rhodium	103-2	2185925	2202343	2189616	2192628	0.39	cps
Scandium	45-1	4665643	4631048	4594361	4630351	0.77	cps
Scandium	45-2	79398	79887	79541	79609	0.32	cps
Selenium	82-1	56793	56752	56953	56833	0.19	cps
Selenium	77-2	953	920	907	927	2.59	cps
Selenium	78-2	3137	2994	3144	3091	2.74	cps
Silicon	28-1	38888431	39071583	38970412	38976809	0.24	cps
Silver	107-1	4546917	4651832	4642657	4613802	1.26	cps
Silver	109-1	4363556	4339648	4433059	4378754	1.11	cps
Sodium	23-2	9933919	9965627	9941801	9947116	0.17	cps
Strontium	86-1	1204345	1216184	1230061	1216863	1.06	cps
Strontium	88-1	10957987	10867941	10947374	10924434	0.45	cps
Sulfur	34-1	585780	597026	598313	593706	1.16	cps
Terbium	159-1	8535351	8521425	8442241	8499672	0.59	cps
Terbium	159-2	2807268	2817031	2828837	2817712	0.38	cps
Thallium	203-1	3628565	3768416	3717128	3704703	1.91	cps
Thallium	205-1	8624878	8782066	8887058	8764668	1.51	cps
Tin	118-1	2958463	2954239	3059923	2990875	2.00	cps
Titanium	47-1	5434088	5502966	5562868	5499974	1.17	cps
Uranium	238-1	11550029	11426486	11693117	11556544	1.15	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 14:59:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	539466	533470	536806	536581	0.56	cps
Ytterbium	172-1	120	107	97	108	10.86	cps
Ytterbium	172-2	63	43	40	49	25.81	cps
Ytterbium	176-1	16831	17508	17281	17207	2.00	cps
Ytterbium	176-2	5678	5768	5601	5682	1.47	cps
Yttrium	89-1	11981815	11849746	11630096	11820553	1.50	cps
Yttrium	89-2	786514	791677	785900	788030	0.40	cps
Zinc	66-2	1010027	1011490	1016703	1012740	0.35	cps
Zirconium	90-1	6233952	6311913	6398832	6314899	1.31	cps
Zirconium	91-1	1324030	1336995	1364369	1341798	1.53	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:17:19	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	573543	581204	579438	578062	0.69	cps
Antimony	121-1	6680933	6798199	6938673	6805935	1.90	cps
Arsenic	75-2	121508	122870	123667	122681	0.89	cps
Barium	135-1	8579126	9048165	9055425	8894239	3.07	cps
Barium	137-1	14930725	15249565	15509024	15229772	1.90	cps
Beryllium	9-1	2631263	2687991	2662209	2660487	1.07	cps
Bismuth	209-1	4917522	4971133	4983876	4957510	0.71	cps
Bismuth	209-2	1933647	1956194	1931318	1940386	0.71	cps
Bromine	81-1	4397	4307	4611	4439	3.51	cps
Cadmium	108-1	130806	135104	135195	133702	1.88	cps
Cadmium	106-1	188336	192327	195565	192076	1.89	cps
Cadmium	111-1	1772624	1797133	1763020	1777592	0.99	cps
Calcium	43-1	2512206	2570468	2588976	2557217	1.57	cps
Calcium	44-1	40557720	41358605	41137609	41017978	1.01	cps
Carbon	12-1	1917202	2011846	2072437	2000495	3.91	cps
Carbon	12-2	14938	15328	15271	15179	1.39	cps
Chlorine	35-1	61256	64811	66040	64035	3.88	cps
Chlorine	35-2	280	237	260	259	8.38	cps
Chromium	52-2	1437085	1476886	1434401	1449457	1.64	cps
Cobalt	59-2	2652222	2684052	2696276	2677517	0.85	cps
Copper	63-2	19151025	19585953	19492160	19409712	1.18	cps
Dysprosium	156-1	270	230	317	272	15.93	cps
Dysprosium	156-2	63	30	43	46	36.83	cps
Erbium	164-1	170	177	190	179	5.69	cps
Erbium	164-2	40	77	63	60	30.93	cps
Gadolinium	160-1	163	147	137	149	9.05	cps
Gadolinium	160-2	43	40	27	37	24.04	cps
Holmium	165-1	8295740	8461494	8409573	8388936	1.01	cps
Holmium	165-2	2950636	2930392	2951560	2944196	0.41	cps
Indium	115-1	6016083	6279687	6213363	6169711	2.22	cps
Indium	115-2	583830	590994	595929	590251	1.03	cps
Iron	54-2	2877454	2861337	2907929	2882240	0.82	cps
Iron	56-2	52301793	52806031	52245249	52451024	0.59	cps
Iron	57-2	1257789	1268674	1274416	1266960	0.67	cps
Krypton	83-1	117	90	110	106	13.15	cps
Lead	206-1	27247859	27880948	28284987	27804598	1.88	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:17:19	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23607418	24330554	24359809	24099260	1.77	cps
Lead	208-1	109393329	112957549	112987635	111779504	1.85	cps
Lithium	6-1	3776900	3809484	3816537	3800974	0.56	cps
Magnesium	24-2	9968804	10093189	10040058	10034017	0.62	cps
Manganese	55-2	6145607	6127944	6130772	6134774	0.15	cps
Molybdenum	94-1	24521864	25215611	25029595	24922357	1.44	cps
Molybdenum	95-1	35464189	36385269	36382309	36077256	1.47	cps
Molybdenum	96-1	38439549	39621144	39454677	39171790	1.63	cps
Molybdenum	97-1	21656163	22397580	22361581	22138441	1.89	cps
Molybdenum	98-1	56690716	58619459	58372761	57894312	1.81	cps
Neodymium	150-1	857	883	850	863	2.04	cps
Neodymium	150-2	37	47	50	44	15.61	cps
Nickel	60-2	671190	682490	687083	680255	1.20	cps
Phosphorus	31-2	25626	26795	26351	26257	2.25	cps
Potassium	39-2	2941612	2948745	2952333	2947563	0.19	cps
Rhodium	103-1	5435179	5697585	5537176	5556647	2.38	cps
Rhodium	103-2	2124017	2165150	2139181	2142783	0.97	cps
Scandium	45-1	4520945	4679074	4628114	4609378	1.75	cps
Scandium	45-2	79988	80497	79763	80082	0.47	cps
Selenium	82-1	109510	111846	112134	111163	1.29	cps
Selenium	77-2	1703	1793	1770	1756	2.66	cps
Selenium	78-2	6095	6085	6005	6061	0.81	cps
Silicon	28-1	75637401	76256181	76387912	76093831	0.53	cps
Silver	107-1	8726977	8859236	9091567	8892593	2.08	cps
Silver	109-1	8270051	8537812	8526468	8444777	1.79	cps
Sodium	23-2	19895840	20138271	20020418	20018176	0.61	cps
Strontium	86-1	2527477	2558251	2607726	2564485	1.58	cps
Strontium	88-1	21506009	22146497	22096835	21916447	1.63	cps
Sulfur	34-1	979072	996818	1006096	993995	1.38	cps
Terbium	159-1	8247970	8588117	8457907	8431331	2.04	cps
Terbium	159-2	2824421	2830370	2883857	2846216	1.15	cps
Thallium	203-1	7098730	7282325	7213191	7198082	1.29	cps
Thallium	205-1	16920091	17124474	17104747	17049771	0.66	cps
Tin	118-1	5714218	5935205	5978916	5876113	2.41	cps
Titanium	47-1	10781525	10957156	11140660	10959780	1.64	cps
Uranium	238-1	22463311	23166197	23327578	22985695	2.00	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:17:19	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1072696	1084742	1090820	1082753	0.85	cps
Ytterbium	172-1	173	173	180	176	2.19	cps
Ytterbium	172-2	107	80	53	80	33.34	cps
Ytterbium	176-1	32580	32958	33111	32883	0.83	cps
Ytterbium	176-2	11929	11515	11572	11672	1.92	cps
Yttrium	89-1	11619488	11990072	11852230	11820596	1.58	cps
Yttrium	89-2	780892	791721	796138	789583	0.99	cps
Zinc	66-2	2078185	2079450	2109546	2089060	0.85	cps
Zirconium	90-1	12408211	12735526	12848978	12664238	1.81	cps
Zirconium	91-1	2769378	2874610	2873463	2839150	2.13	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:20:05	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2429201	2352009	2335128	2372113	2.11	cps
Antimony	121-1	2437	2207	1994	2212	10.02	cps
Arsenic	75-2	57	47	47	50	11.55	cps
Barium	135-1	6031	5761	5618	5804	3.62	cps
Barium	137-1	10928	9890	9413	10077	7.68	cps
Beryllium	9-1	866	706	717	763	11.70	cps
Bismuth	209-1	4027323	3937399	3901769	3955497	1.64	cps
Bismuth	209-2	1404346	1419170	1374932	1399482	1.61	cps
Bromine	81-1	4794	4657	4504	4652	3.12	cps
Cadmium	108-1	83	107	63	84	25.69	cps
Cadmium	106-1	3167	3240	3324	3244	2.42	cps
Cadmium	111-1	2575	2524	2622	2574	1.92	cps
Calcium	43-1	11144852	10805798	10599360	10850003	2.54	cps
Calcium	44-1	179699391	174621011	170657871	174992757	2.59	cps
Carbon	12-1	1718876	1689010	1661350	1689745	1.70	cps
Carbon	12-2	13663	13566	13266	13498	1.53	cps
Chlorine	35-1	44665	42215	42218	43033	3.29	cps
Chlorine	35-2	160	180	197	179	10.26	cps
Chromium	52-2	1994	1794	1587	1791	11.35	cps
Cobalt	59-2	4241	4347	4247	4278	1.40	cps
Copper	63-2	3434	3437	3250	3374	3.17	cps
Dysprosium	156-1	293	273	310	292	6.28	cps
Dysprosium	156-2	127	53	60	80	50.69	cps
Erbium	164-1	280	277	280	279	0.69	cps
Erbium	164-2	77	110	97	94	17.76	cps
Gadolinium	160-1	220	237	257	238	7.72	cps
Gadolinium	160-2	73	93	57	74	24.66	cps
Holmium	165-1	7375324	7138695	6953694	7155904	2.95	cps
Holmium	165-2	2461970	2480571	2370388	2437643	2.42	cps
Indium	115-1	5397697	5155199	5116590	5223162	2.92	cps
Indium	115-2	480308	483021	470759	478029	1.35	cps
Iron	54-2	11223070	11006656	10960128	11063284	1.27	cps
Iron	56-2	209249977	204731517	203022664	205668052	1.56	cps
Iron	57-2	5200241	5175233	5181107	5185527	0.25	cps
Krypton	83-1	167	130	197	164	20.30	cps
Lead	206-1	4741	3957	3541	4080	14.94	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:20:05	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3854	3527	2950	3444	13.29	cps
Lead	208-1	18555	16011	13800	16122	14.76	cps
Lithium	6-1	3316221	3194369	3154837	3221809	2.61	cps
Magnesium	24-2	40047622	39287722	38764639	39366661	1.64	cps
Manganese	55-2	2257	2117	2104	2159	3.93	cps
Molybdenum	94-1	6702	6131	5018	5950	14.39	cps
Molybdenum	95-1	6902	5688	4948	5846	16.88	cps
Molybdenum	96-1	10587	8679	8369	9212	13.04	cps
Molybdenum	97-1	3787	3140	2774	3234	15.87	cps
Molybdenum	98-1	9190	7662	6315	7722	18.63	cps
Neodymium	150-1	217	200	167	194	13.09	cps
Neodymium	150-2	30	70	30	43	53.29	cps
Nickel	60-2	1737	1627	1750	1705	3.97	cps
Phosphorus	31-2	40	20	30	30	33.33	cps
Potassium	39-2	11904558	11543674	11479353	11642528	1.97	cps
Rhodium	103-1	4599924	4413307	4375665	4462965	2.69	cps
Rhodium	103-2	1575205	1593184	1544563	1570984	1.56	cps
Scandium	45-1	4032130	3896625	3845806	3924854	2.45	cps
Scandium	45-2	62602	61892	60433	61643	1.79	cps
Selenium	82-1	45	35	8	29	65.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	7	3	6	34.70	cps
Silicon	28-1	312108	287048	273399	290852	6.75	cps
Silver	107-1	1403	1213	973	1197	18.01	cps
Silver	109-1	1287	1070	893	1083	18.19	cps
Sodium	23-2	79755207	77967409	76563402	78095339	2.05	cps
Strontium	86-1	6888	7105	6662	6885	3.22	cps
Strontium	88-1	59168	57725	56731	57875	2.12	cps
Sulfur	34-1	168073	162915	158975	163321	2.79	cps
Terbium	159-1	7375598	7239442	7221291	7278777	1.16	cps
Terbium	159-2	2312166	2363876	2259613	2311885	2.25	cps
Thallium	203-1	1097	700	653	817	29.83	cps
Thallium	205-1	2317	1767	1300	1795	28.36	cps
Tin	118-1	1703	1640	1400	1581	10.12	cps
Titanium	47-1	3927	3604	3594	3708	5.11	cps
Uranium	238-1	2094	1517	1187	1599	28.70	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:20:05	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	223	267	230	240	9.72	cps
Ytterbium	172-1	373	273	340	329	15.48	cps
Ytterbium	172-2	153	97	120	123	23.09	cps
Ytterbium	176-1	1210	1213	1140	1188	3.49	cps
Ytterbium	176-2	190	230	223	214	9.99	cps
Yttrium	89-1	10366340	10006595	9856368	10076434	2.60	cps
Yttrium	89-2	646520	645408	623341	638423	2.05	cps
Zinc	66-2	850	810	793	818	3.56	cps
Zirconium	90-1	6588	6375	6068	6344	4.12	cps
Zirconium	91-1	1603	1410	1413	1476	7.50	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:33:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13273	13640	12989	13301	2.45	cps
Antimony	121-1	1274973	1269653	1291654	1278760	0.90	cps
Arsenic	75-2	23787	23904	23523	23738	0.82	cps
Barium	135-1	171696	173431	173583	172903	0.61	cps
Barium	137-1	300029	301213	301098	300780	0.22	cps
Beryllium	9-1	256655	256049	257778	256827	0.34	cps
Bismuth	209-1	4970155	4954031	5196736	5040307	2.69	cps
Bismuth	209-2	2038432	2024963	2103129	2055508	2.03	cps
Bromine	81-1	4317	4154	4287	4253	2.05	cps
Cadmium	108-1	16113	16136	16170	16140	0.18	cps
Cadmium	106-1	19070	19190	19561	19274	1.33	cps
Cadmium	111-1	176167	177986	179623	177925	0.97	cps
Calcium	43-1	46829	47501	48124	47485	1.36	cps
Calcium	44-1	758966	765416	776851	767078	1.18	cps
Carbon	12-1	1796441	1861459	1888640	1848847	2.56	cps
Carbon	12-2	12896	12342	12572	12603	2.21	cps
Chlorine	35-1	39270	40035	40062	39789	1.13	cps
Chlorine	35-2	190	100	197	162	33.28	cps
Chromium	52-2	132170	134128	131309	132536	1.09	cps
Cobalt	59-2	255666	256355	256284	256101	0.15	cps
Copper	63-2	197612	199713	198973	198766	0.54	cps
Dysprosium	156-1	37	53	40	43	20.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	37	40	23	33	26.47	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	40	30	47	39	21.57	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	7721800	7878848	8261396	7954015	3.49	cps
Holmium	165-2	2845090	2863801	2913841	2874244	1.24	cps
Indium	115-1	6075318	6208438	6396036	6226597	2.59	cps
Indium	115-2	602637	601604	620789	608343	1.77	cps
Iron	54-2	113493	114114	114537	114048	0.46	cps
Iron	56-2	2151409	2102019	2123193	2125540	1.17	cps
Iron	57-2	50472	51014	50844	50777	0.55	cps
Krypton	83-1	103	70	80	84	20.25	cps
Lead	206-1	1132837	1162156	1143823	1146272	1.29	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:33:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	948139	964259	959663	957354	0.87	cps
Lead	208-1	4587433	4668212	4627370	4627671	0.87	cps
Lithium	6-1	3530660	3538819	3690010	3586497	2.50	cps
Magnesium	24-2	107610	108644	107724	107993	0.53	cps
Manganese	55-2	58138	58325	58573	58345	0.37	cps
Molybdenum	94-1	9441159	9524883	9525174	9497072	0.51	cps
Molybdenum	95-1	16893135	16849654	16775501	16839430	0.35	cps
Molybdenum	96-1	17739698	17938687	17914063	17864149	0.61	cps
Molybdenum	97-1	10270411	10368540	10316469	10318473	0.48	cps
Molybdenum	98-1	27046794	27167050	27288858	27167567	0.45	cps
Neodymium	150-1	40	37	27	34	20.14	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	70506	69890	70782	70393	0.65	cps
Phosphorus	31-2	17	33	30	27	33.06	cps
Potassium	39-2	108017	109888	109363	109089	0.88	cps
Rhodium	103-1	5601392	5645639	5929839	5725623	3.11	cps
Rhodium	103-2	2162874	2163417	2238854	2188382	2.00	cps
Scandium	45-1	4248139	4228406	4426716	4301087	2.54	cps
Scandium	45-2	72693	72944	75790	73809	2.33	cps
Selenium	82-1	22205	22171	22104	22160	0.23	cps
Selenium	77-2	337	357	380	358	6.06	cps
Selenium	78-2	1147	1137	1130	1138	0.74	cps
Silicon	28-1	220438	221799	223828	222022	0.77	cps
Silver	107-1	414502	421740	420052	418765	0.90	cps
Silver	109-1	397102	402408	404296	401269	0.93	cps
Sodium	23-2	368903	372285	369577	370255	0.48	cps
Strontium	86-1	707	753	717	726	3.39	cps
Strontium	88-1	5131	5541	5418	5363	3.92	cps
Sulfur	34-1	163401	163791	164391	163861	0.30	cps
Terbium	159-1	7942764	7918992	8267752	8043169	2.42	cps
Terbium	159-2	2725094	2717521	2805607	2749408	1.78	cps
Thallium	203-1	1390515	1410387	1412574	1404492	0.87	cps
Thallium	205-1	3565760	3538603	3543272	3549212	0.41	cps
Tin	118-1	1180	1080	1427	1229	14.52	cps
Titanium	47-1	413	343	317	358	13.95	cps
Uranium	238-1	70	47	30	49	41.10	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:33:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	100650	100771	99892	100438	0.47	cps
Ytterbium	172-1	57	33	40	43	27.74	cps
Ytterbium	172-2	27	17	17	20	28.86	cps
Ytterbium	176-1	953	980	1180	1038	11.94	cps
Ytterbium	176-2	167	173	210	183	12.73	cps
Yttrium	89-1	11002001	11106670	11458718	11189130	2.14	cps
Yttrium	89-2	747832	748765	775863	757487	2.10	cps
Zinc	66-2	40411	40722	40742	40625	0.46	cps
Zirconium	90-1	323	463	460	416	19.22	cps
Zirconium	91-1	403	307	343	351	13.90	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:36:39	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	37	27	28	30.20	cps
Antimony	121-1	583	523	553	553	5.42	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	257	223	250	243	7.25	cps
Barium	137-1	500	393	373	422	16.13	cps
Beryllium	9-1	372	365	335	357	5.55	cps
Bismuth	209-1	4894518	5051461	5012430	4986136	1.64	cps
Bismuth	209-2	2035882	2037818	2057602	2043767	0.59	cps
Bromine	81-1	4304	4397	4177	4293	2.57	cps
Cadmium	108-1	10	30	20	20	50.00	cps
Cadmium	106-1	3480	3350	3304	3378	2.71	cps
Cadmium	111-1	2443	2358	2305	2369	2.93	cps
Calcium	43-1	220	233	263	239	9.29	cps
Calcium	44-1	3764	3457	3854	3692	5.63	cps
Carbon	12-1	1422545	1438543	1419035	1426708	0.73	cps
Carbon	12-2	9356	9040	9396	9264	2.11	cps
Chlorine	35-1	39758	39437	38561	39252	1.58	cps
Chlorine	35-2	127	183	150	153	18.57	cps
Chromium	52-2	317	333	327	326	2.58	cps
Cobalt	59-2	107	93	103	101	6.87	cps
Copper	63-2	1833	1660	1710	1735	5.14	cps
Dysprosium	156-1	40	67	43	50	29.06	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	53	57	53	54	3.54	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	13	23	27	21	32.88	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	7687786	7777137	7903110	7789344	1.39	cps
Holmium	165-2	2800444	2845145	2788345	2811311	1.06	cps
Indium	115-1	6038279	6225007	6243370	6168885	1.84	cps
Indium	115-2	593344	594106	592749	593400	0.11	cps
Iron	54-2	217	257	267	247	10.73	cps
Iron	56-2	3641	3764	3527	3644	3.25	cps
Iron	57-2	87	67	73	76	13.48	cps
Krypton	83-1	70	57	90	72	23.23	cps
Lead	206-1	823	843	670	779	12.17	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:36:39	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	570	680	727	659	12.21	cps
Lead	208-1	3087	3287	2960	3111	5.29	cps
Lithium	6-1	3440244	3584236	3618823	3547768	2.67	cps
Magnesium	24-2	350	367	390	369	5.45	cps
Manganese	55-2	150	123	123	132	11.64	cps
Molybdenum	94-1	1180	963	940	1028	12.88	cps
Molybdenum	95-1	1640	1407	1443	1497	8.38	cps
Molybdenum	96-1	2164	1560	1497	1740	21.15	cps
Molybdenum	97-1	1053	933	920	969	7.58	cps
Molybdenum	98-1	2614	2507	2200	2440	8.80	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	590	553	603	582	4.45	cps
Phosphorus	31-2	20	23	23	22	8.65	cps
Potassium	39-2	2914	3240	2924	3026	6.14	cps
Rhodium	103-1	5557406	5761557	5797271	5705411	2.27	cps
Rhodium	103-2	2183632	2188879	2176089	2182867	0.29	cps
Scandium	45-1	4173095	4275941	4361132	4270056	2.21	cps
Scandium	45-2	71399	72160	70502	71354	1.16	cps
Selenium	82-1	27	23	-20	10	258.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	7	2	173.21	cps
Silicon	28-1	208131	207657	208262	208016	0.15	cps
Silver	107-1	410	280	220	303	32.02	cps
Silver	109-1	330	250	250	277	16.69	cps
Sodium	23-2	9253	8966	9153	9124	1.60	cps
Strontium	86-1	160	227	190	192	17.37	cps
Strontium	88-1	383	350	350	361	5.33	cps
Sulfur	34-1	166313	165796	166582	166230	0.24	cps
Terbium	159-1	7863543	7932247	8155149	7983647	1.91	cps
Terbium	159-2	2718653	2748854	2671079	2712862	1.45	cps
Thallium	203-1	400	330	353	361	9.87	cps
Thallium	205-1	957	850	793	867	9.57	cps
Tin	118-1	857	823	833	838	2.04	cps
Titanium	47-1	70	73	63	69	7.39	cps
Uranium	238-1	33	13	33	27	43.31	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:36:39	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	7	7	9	43.25	cps
Ytterbium	172-1	37	37	50	41	18.72	cps
Ytterbium	172-2	10	7	27	14	74.18	cps
Ytterbium	176-1	1103	1020	1090	1071	4.18	cps
Ytterbium	176-2	187	140	187	171	15.75	cps
Yttrium	89-1	10960785	11259183	11235779	11151916	1.49	cps
Yttrium	89-2	740400	740266	729310	736659	0.86	cps
Zinc	66-2	140	160	100	133	22.91	cps
Zirconium	90-1	290	323	280	298	7.62	cps
Zirconium	91-1	70	80	83	78	8.92	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:40:01	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2689605	2680082	2664183	2677956	0.48	cps
Antimony	121-1	7269	7369	7569	7402	2.06	cps
Arsenic	75-2	63	33	50	49	30.75	cps
Barium	135-1	2747	2774	2657	2726	2.24	cps
Barium	137-1	4394	4611	4631	4545	2.89	cps
Beryllium	9-1	954	1025	915	965	5.78	cps
Bismuth	209-1	4324675	4563100	4593316	4493697	3.27	cps
Bismuth	209-2	1834927	1875200	1856377	1855501	1.09	cps
Bromine	81-1	5218	5484	5358	5353	2.49	cps
Cadmium	108-1	1857	1780	1807	1815	2.15	cps
Cadmium	106-1	3300	3174	3247	3240	1.96	cps
Cadmium	111-1	3221	3056	3122	3133	2.65	cps
Calcium	43-1	2471112	2548077	2546094	2521761	1.74	cps
Calcium	44-1	39489042	40265653	40906247	40220314	1.76	cps
Carbon	12-1	20500451	21283643	21750441	21178178	2.98	cps
Carbon	12-2	143620	142644	144707	143657	0.72	cps
Chlorine	35-1	30430750	32958195	34260053	32549666	5.98	cps
Chlorine	35-2	128535	127909	131807	129417	1.62	cps
Chromium	52-2	26197	26849	26378	26475	1.27	cps
Cobalt	59-2	2900	2827	2844	2857	1.35	cps
Copper	63-2	15886	16293	16590	16256	2.17	cps
Dysprosium	156-1	50	60	73	61	19.15	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	63	67	47	59	18.19	cps
Erbium	164-2	10	20	20	17	34.64	cps
Gadolinium	160-1	40	60	33	44	31.23	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	7343918	7780645	8087689	7737417	4.83	cps
Holmium	165-2	2839733	2867496	2855692	2854307	0.49	cps
Indium	115-1	5563068	5936636	6208372	5902692	5.49	cps
Indium	115-2	580325	582979	580987	581430	0.24	cps
Iron	54-2	5643626	5536528	5623627	5601260	1.02	cps
Iron	56-2	103513172	103224278	103747662	103495037	0.25	cps
Iron	57-2	2636369	2662712	2703201	2667427	1.26	cps
Krypton	83-1	83	83	103	90	12.83	cps
Lead	206-1	25205	25225	25445	25291	0.53	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:40:01	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20426	19772	19979	20059	1.67	cps
Lead	208-1	94777	94491	94637	94635	0.15	cps
Lithium	6-1	3431042	3605906	3645167	3560705	3.20	cps
Magnesium	24-2	9116189	9148433	9200978	9155200	0.47	cps
Manganese	55-2	4367	4511	4414	4431	1.65	cps
Molybdenum	94-1	3956185	3963853	4040670	3986903	1.17	cps
Molybdenum	95-1	6905593	7030015	7169209	7034939	1.87	cps
Molybdenum	96-1	7317371	7459232	7561087	7445897	1.64	cps
Molybdenum	97-1	4268357	4376888	4406726	4350657	1.67	cps
Molybdenum	98-1	11129481	11352100	11346575	11276052	1.13	cps
Neodymium	150-1	63	47	33	48	31.46	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	4151	4051	4244	4148	2.33	cps
Phosphorus	31-2	130375	130870	131186	130811	0.31	cps
Potassium	39-2	5564097	5560653	5610739	5578497	0.50	cps
Rhodium	103-1	4905361	5268861	5330122	5168115	4.44	cps
Rhodium	103-2	2047566	2057253	2028341	2044386	0.72	cps
Scandium	45-1	4055863	4382353	4491978	4310064	5.26	cps
Scandium	45-2	74384	75805	76194	75461	1.26	cps
Selenium	82-1	63	37	3	35	86.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	0	0	1	173.21	cps
Silicon	28-1	347424	356857	356772	353684	1.53	cps
Silver	107-1	1137	1103	960	1067	8.80	cps
Silver	109-1	1040	980	877	966	8.56	cps
Sodium	23-2	19324241	19272085	19313715	19303347	0.14	cps
Strontium	86-1	76870	77657	79497	78008	1.73	cps
Strontium	88-1	663251	681042	679287	674527	1.45	cps
Sulfur	34-1	3325254	3443945	3402761	3390653	1.78	cps
Terbium	159-1	7455454	7959355	8248876	7887895	5.09	cps
Terbium	159-2	2739876	2771628	2773398	2761634	0.68	cps
Thallium	203-1	1053	977	963	998	4.87	cps
Thallium	205-1	2547	2390	2560	2499	3.78	cps
Tin	118-1	2317	2690	2474	2494	7.52	cps
Titanium	47-1	2185853	2287579	2317021	2263484	3.04	cps
Uranium	238-1	397	377	330	368	9.30	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:40:01	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	163	157	177	166	6.15	cps
Ytterbium	172-1	63	47	53	54	15.40	cps
Ytterbium	172-2	30	23	33	29	17.63	cps
Ytterbium	176-1	1010	1033	997	1013	1.83	cps
Ytterbium	176-2	107	163	167	146	23.17	cps
Yttrium	89-1	10361439	11190287	11496974	11016233	5.33	cps
Yttrium	89-2	760845	762753	759506	761035	0.21	cps
Zinc	66-2	2274	2327	2244	2281	1.85	cps
Zirconium	90-1	563	610	623	599	5.26	cps
Zirconium	91-1	170	163	150	161	6.32	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:43:10	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2757893	2739600	2763260	2753585	0.45	cps
Antimony	121-1	134547	136981	139554	137027	1.83	cps
Arsenic	75-2	2597	2650	2404	2550	5.09	cps
Barium	135-1	36633	37071	37943	37215	1.79	cps
Barium	137-1	63391	66204	65367	64987	2.22	cps
Beryllium	9-1	52856	54073	54396	53775	1.51	cps
Bismuth	209-1	5080348	4745627	4776234	4867403	3.80	cps
Bismuth	209-2	1852970	1912913	1880807	1882230	1.59	cps
Bromine	81-1	5198	5491	5591	5427	3.77	cps
Cadmium	108-1	4154	4031	3954	4046	2.49	cps
Cadmium	106-1	6638	6765	6328	6577	3.42	cps
Cadmium	111-1	35504	36183	36292	35993	1.19	cps
Calcium	43-1	2566473	2599215	2579939	2581876	0.64	cps
Calcium	44-1	41319822	41597090	41798187	41571700	0.58	cps
Carbon	12-1	21593887	22545431	22958156	22365825	3.13	cps
Carbon	12-2	150440	151804	153168	151804	0.90	cps
Chlorine	35-1	32356016	35009509	36112861	34492796	5.60	cps
Chlorine	35-2	135113	134736	137196	135682	0.98	cps
Chromium	52-2	53088	53807	53550	53482	0.68	cps
Cobalt	59-2	54129	52316	52945	53130	1.73	cps
Copper	63-2	54256	54317	55344	54639	1.12	cps
Dysprosium	156-1	63	70	40	58	27.26	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	70	100	83	84	17.80	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	77	60	57	64	16.63	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	8747785	8283508	8235775	8422356	3.36	cps
Holmium	165-2	2864651	2809735	2846069	2840151	0.98	cps
Indium	115-1	6663688	6326638	6280038	6423455	3.26	cps
Indium	115-2	587290	591123	591337	589916	0.39	cps
Iron	54-2	5744607	5799598	5761072	5768426	0.49	cps
Iron	56-2	106393918	106577618	106403912	106458483	0.10	cps
Iron	57-2	2735563	2747278	2720870	2734570	0.48	cps
Krypton	83-1	87	73	117	92	24.07	cps
Lead	206-1	132825	132906	135870	133867	1.30	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:43:10	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	110957	111612	113424	111998	1.14	cps
Lead	208-1	510959	516630	524124	517238	1.28	cps
Lithium	6-1	4014919	3762116	3769138	3848724	3.74	cps
Magnesium	24-2	9592397	9477137	9500242	9523259	0.64	cps
Manganese	55-2	16440	16373	16163	16325	0.89	cps
Molybdenum	94-1	4078019	4138822	4084748	4100530	0.81	cps
Molybdenum	95-1	7203218	7297394	7190655	7230423	0.81	cps
Molybdenum	96-1	7537202	7711583	7807665	7685483	1.78	cps
Molybdenum	97-1	4420134	4465851	4482412	4456132	0.72	cps
Molybdenum	98-1	11621546	11738588	11641850	11667328	0.54	cps
Neodymium	150-1	50	53	50	51	3.76	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	17514	17454	17477	17482	0.17	cps
Phosphorus	31-2	133995	134964	134506	134488	0.36	cps
Potassium	39-2	5796339	5744525	5803788	5781551	0.56	cps
Rhodium	103-1	6021166	5571431	5561316	5717971	4.59	cps
Rhodium	103-2	2098579	2076708	2098656	2091315	0.60	cps
Scandium	45-1	5060341	4613743	4657503	4777196	5.15	cps
Scandium	45-2	77129	76512	77943	77195	0.93	cps
Selenium	82-1	2350	2314	2317	2327	0.87	cps
Selenium	77-2	37	47	33	39	17.85	cps
Selenium	78-2	130	103	137	123	14.30	cps
Silicon	28-1	371197	378796	379823	376606	1.25	cps
Silver	107-1	158020	162605	160512	160379	1.43	cps
Silver	109-1	150755	154094	155105	153318	1.48	cps
Sodium	23-2	20017545	19717008	20035565	19923373	0.90	cps
Strontium	86-1	78680	81472	81315	80489	1.95	cps
Strontium	88-1	682905	695330	699520	692585	1.25	cps
Sulfur	34-1	3516467	3537204	3568139	3540603	0.73	cps
Terbium	159-1	8972525	8253953	8180027	8468835	5.17	cps
Terbium	159-2	2756245	2773727	2765716	2765229	0.32	cps
Thallium	203-1	134758	135131	137944	135944	1.28	cps
Thallium	205-1	320946	325085	330159	325397	1.42	cps
Tin	118-1	2117	2544	1984	2215	13.21	cps
Titanium	47-1	2330576	2324824	2343224	2332875	0.40	cps
Uranium	238-1	393	437	397	409	5.90	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:43:10	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20842	20565	20952	20786	0.96	cps
Ytterbium	172-1	73	57	43	58	26.01	cps
Ytterbium	172-2	27	27	17	23	24.74	cps
Ytterbium	176-1	1107	1007	913	1009	9.58	cps
Ytterbium	176-2	147	110	170	142	21.27	cps
Yttrium	89-1	12758822	11710539	11831112	12100157	4.74	cps
Yttrium	89-2	777981	776390	778120	777497	0.12	cps
Zinc	66-2	6445	6448	6305	6399	1.28	cps
Zirconium	90-1	573	557	663	598	9.60	cps
Zirconium	91-1	153	157	153	154	1.24	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P8
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:57:37	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1254755	1233207	1240573	1242845	0.88	cps
Antimony	121-1	2943079	2915872	2899755	2919569	0.75	cps
Arsenic	75-2	50503	50246	51303	50684	1.09	cps
Barium	135-1	3868747	3887015	3772247	3842670	1.60	cps
Barium	137-1	6525203	6612257	6438699	6525386	1.33	cps
Beryllium	9-1	1127733	1143521	1141592	1137615	0.76	cps
Bismuth	209-1	4348989	4209616	4195270	4251292	2.00	cps
Bismuth	209-2	1576804	1566913	1562699	1568805	0.46	cps
Bromine	81-1	4394	4828	4724	4649	4.87	cps
Cadmium	108-1	62718	62039	62524	62427	0.56	cps
Cadmium	106-1	90528	91548	91530	91202	0.64	cps
Cadmium	111-1	774941	788488	799776	787735	1.58	cps
Calcium	43-1	5459806	5519828	5519549	5499728	0.63	cps
Calcium	44-1	87893839	88828199	89734792	88818943	1.04	cps
Carbon	12-1	1594490	1623678	1675721	1631296	2.52	cps
Carbon	12-2	12689	12756	12572	12672	0.73	cps
Chlorine	35-1	230757	226471	228965	228731	0.94	cps
Chlorine	35-2	777	903	727	802	11.35	cps
Chromium	52-2	571110	567286	564016	567471	0.63	cps
Cobalt	59-2	1041567	1044272	1039287	1041709	0.24	cps
Copper	63-2	7791606	7715014	7691888	7732836	0.67	cps
Dysprosium	156-1	197	207	237	213	9.76	cps
Dysprosium	156-2	47	60	17	41	53.98	cps
Erbium	164-1	173	197	137	169	17.91	cps
Erbium	164-2	73	67	33	58	37.09	cps
Gadolinium	160-1	170	153	157	160	5.51	cps
Gadolinium	160-2	53	50	60	54	9.35	cps
Holmium	165-1	7480029	7401569	7352991	7411529	0.86	cps
Holmium	165-2	2600581	2594627	2564875	2586694	0.74	cps
Indium	115-1	5656008	5542395	5451966	5550123	1.84	cps
Indium	115-2	522792	523492	517773	521352	0.60	cps
Iron	54-2	6006852	5907123	5964032	5959336	0.84	cps
Iron	56-2	110168342	110216682	109371122	109918715	0.43	cps
Iron	57-2	2790390	2823219	2754970	2789526	1.22	cps
Krypton	83-1	123	100	107	110	10.93	cps
Lead	206-1	11727535	11914997	11779865	11807466	0.82	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P8
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:57:37	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10170996	10227892	10185410	10194766	0.29	cps
Lead	208-1	46620991	47071851	46837092	46843311	0.48	cps
Lithium	6-1	3386950	3238784	3264398	3296711	2.40	cps
Magnesium	24-2	20919144	20607454	20698476	20741691	0.77	cps
Manganese	55-2	2602577	2582639	2558704	2581307	0.85	cps
Molybdenum	94-1	10835351	10809891	10878831	10841357	0.32	cps
Molybdenum	95-1	15605201	15808079	15481204	15631494	1.06	cps
Molybdenum	96-1	16912240	17049017	16986246	16982501	0.40	cps
Molybdenum	97-1	9524640	9451717	9628132	9534830	0.93	cps
Molybdenum	98-1	25128341	25073762	25334863	25178989	0.55	cps
Neodymium	150-1	433	403	447	428	5.19	cps
Neodymium	150-2	10	27	27	21	45.58	cps
Nickel	60-2	276114	275522	275151	275596	0.18	cps
Phosphorus	31-2	10844	10897	10754	10832	0.67	cps
Potassium	39-2	6189816	6047255	6055151	6097408	1.31	cps
Rhodium	103-1	4947713	4731257	4808438	4829136	2.27	cps
Rhodium	103-2	1790403	1817718	1745711	1784611	2.04	cps
Scandium	45-1	4185249	4095708	4062501	4114486	1.54	cps
Scandium	45-2	69567	68760	68958	69095	0.61	cps
Selenium	82-1	45545	46105	46129	45926	0.72	cps
Selenium	77-2	630	690	677	666	4.73	cps
Selenium	78-2	2277	2460	2477	2405	4.62	cps
Silicon	28-1	16826292	16764836	16767453	16786194	0.21	cps
Silver	107-1	3733840	3779699	3716110	3743217	0.88	cps
Silver	109-1	3474289	3525747	3511290	3503775	0.76	cps
Sodium	23-2	41432125	41200994	40971449	41201523	0.56	cps
Strontium	86-1	1025735	1044002	1043988	1037908	1.02	cps
Strontium	88-1	9400630	9373029	9324935	9366198	0.41	cps
Sulfur	34-1	506555	511520	507584	508553	0.52	cps
Terbium	159-1	7744630	7486932	7509307	7580290	1.88	cps
Terbium	159-2	2500528	2535620	2444851	2493666	1.84	cps
Thallium	203-1	3079950	3063179	3108116	3083748	0.74	cps
Thallium	205-1	7300283	7171634	7214881	7228933	0.91	cps
Tin	118-1	2493115	2558673	2513152	2521647	1.33	cps
Titanium	47-1	4684325	4838290	4750635	4757750	1.62	cps
Uranium	238-1	9818930	9835949	9785784	9813554	0.26	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P8
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 15:57:37	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	453776	456788	453026	454530	0.44	cps
Ytterbium	172-1	207	193	163	188	11.82	cps
Ytterbium	172-2	53	73	93	73	27.27	cps
Ytterbium	176-1	14708	14602	14902	14737	1.03	cps
Ytterbium	176-2	4951	5038	5141	5043	1.89	cps
Yttrium	89-1	10714327	10608391	10232297	10518338	2.41	cps
Yttrium	89-2	695049	694558	695058	694888	0.04	cps
Zinc	66-2	884685	879788	883525	882666	0.29	cps
Zirconium	90-1	5340918	5481419	5466624	5429653	1.42	cps
Zirconium	91-1	1140887	1158357	1153165	1150803	0.78	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P8
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:01:38	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47	47	37	43	13.32	cps
Antimony	121-1	580	577	530	562	4.97	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	497	540	457	498	8.37	cps
Barium	137-1	880	833	777	830	6.23	cps
Beryllium	9-1	531	539	502	524	3.65	cps
Bismuth	209-1	4887169	4983367	4929874	4933470	0.98	cps
Bismuth	209-2	1994322	2018557	1988489	2000456	0.80	cps
Bromine	81-1	4391	4267	4451	4370	2.14	cps
Cadmium	108-1	3	13	13	10	57.75	cps
Cadmium	106-1	3737	3514	3404	3552	4.78	cps
Cadmium	111-1	2684	2507	2397	2529	5.73	cps
Calcium	43-1	333	397	330	353	10.63	cps
Calcium	44-1	5561	5081	4961	5201	6.11	cps
Carbon	12-1	1419679	1401962	1418803	1413482	0.71	cps
Carbon	12-2	9763	9543	8926	9411	4.61	cps
Chlorine	35-1	161796	159369	155468	158878	2.01	cps
Chlorine	35-2	537	560	623	573	7.82	cps
Chromium	52-2	230	337	233	267	22.74	cps
Cobalt	59-2	87	70	120	92	27.61	cps
Copper	63-2	1747	1633	1607	1662	4.47	cps
Dysprosium	156-1	27	23	17	22	22.91	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	37	33	67	46	40.30	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	10	20	20	17	34.64	cps
Gadolinium	160-2	13	0	3	6	124.93	cps
Holmium	165-1	7588334	7737301	7729404	7685013	1.09	cps
Holmium	165-2	2768063	2752196	2750275	2756844	0.35	cps
Indium	115-1	6253077	6212043	6183790	6216304	0.56	cps
Indium	115-2	578510	585657	580234	581467	0.64	cps
Iron	54-2	300	350	367	339	10.24	cps
Iron	56-2	5238	5174	4881	5098	3.73	cps
Iron	57-2	150	117	103	123	19.49	cps
Krypton	83-1	87	60	50	66	28.92	cps
Lead	206-1	1353	1330	1313	1332	1.51	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P8
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:01:38	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1210	1047	1073	1110	7.89	cps
Lead	208-1	5754	5337	5154	5415	5.68	cps
Lithium	6-1	3458054	3485243	3483063	3475453	0.43	cps
Magnesium	24-2	607	580	577	588	2.80	cps
Manganese	55-2	253	170	187	203	21.69	cps
Molybdenum	94-1	643	440	400	494	26.39	cps
Molybdenum	95-1	680	570	500	583	15.56	cps
Molybdenum	96-1	717	660	617	664	7.55	cps
Molybdenum	97-1	383	350	320	351	9.02	cps
Molybdenum	98-1	1087	763	710	853	23.89	cps
Neodymium	150-1	13	23	10	16	44.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	607	550	590	582	5.00	cps
Phosphorus	31-2	27	23	23	24	7.89	cps
Potassium	39-2	3324	3217	3300	3280	1.71	cps
Rhodium	103-1	5638583	5689173	5654190	5660649	0.46	cps
Rhodium	103-2	2118986	2162627	2124823	2135479	1.11	cps
Scandium	45-1	4271829	4266524	4241655	4260003	0.38	cps
Scandium	45-2	71259	71092	70492	70947	0.57	cps
Selenium	82-1	-30	3	37	3	963.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	3	1	173.21	cps
Silicon	28-1	212583	211301	209003	210962	0.86	cps
Silver	107-1	410	413	293	372	18.36	cps
Silver	109-1	370	277	277	308	17.51	cps
Sodium	23-2	10928	10914	10764	10869	0.84	cps
Strontium	86-1	167	173	157	166	5.07	cps
Strontium	88-1	603	457	380	480	23.64	cps
Sulfur	34-1	167428	167580	165787	166932	0.60	cps
Terbium	159-1	7997071	7853226	7889998	7913432	0.94	cps
Terbium	159-2	2720970	2717977	2675513	2704820	0.94	cps
Thallium	203-1	533	560	497	530	6.00	cps
Thallium	205-1	1313	1263	1140	1239	7.20	cps
Tin	118-1	1003	1040	953	999	4.36	cps
Titanium	47-1	233	170	137	180	27.28	cps
Uranium	238-1	297	177	190	221	29.75	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P8
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:01:38	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	0	10	4	114.60	cps
Ytterbium	172-1	43	33	47	41	16.89	cps
Ytterbium	172-2	20	13	17	17	20.01	cps
Ytterbium	176-1	1183	1090	1030	1101	7.02	cps
Ytterbium	176-2	160	137	120	139	14.47	cps
Yttrium	89-1	11139022	11065322	11114564	11106303	0.34	cps
Yttrium	89-2	727478	729552	728993	728674	0.15	cps
Zinc	66-2	163	193	133	163	18.37	cps
Zirconium	90-1	673	600	653	642	5.90	cps
Zirconium	91-1	133	150	153	146	7.36	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BL	Instrumnet Name :	P8
Client Sample ID :	PBS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:08:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	33	53	63	56.93	cps
Antimony	121-1	147	113	167	142	18.95	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	277	203	200	227	19.12	cps
Barium	137-1	437	460	457	451	2.80	cps
Beryllium	9-1	306	289	312	302	4.07	cps
Bismuth	209-1	4829395	4794195	3860647	4494746	12.22	cps
Bismuth	209-2	1900187	1952957	1928617	1927254	1.37	cps
Bromine	81-1	4561	4461	4224	4415	3.92	cps
Cadmium	108-1	17	13	10	13	25.01	cps
Cadmium	106-1	3214	3110	2580	2968	11.45	cps
Cadmium	111-1	2258	2185	1823	2088	11.16	cps
Calcium	43-1	227	210	233	223	5.38	cps
Calcium	44-1	3304	3190	3117	3204	2.94	cps
Carbon	12-1	1239491	1231405	1227656	1232851	0.49	cps
Carbon	12-2	8092	8166	7719	7992	3.00	cps
Chlorine	35-1	1856498	1646727	1438763	1647329	12.68	cps
Chlorine	35-2	4474	4027	3924	4142	7.06	cps
Chromium	52-2	307	220	267	264	16.40	cps
Cobalt	59-2	93	67	77	79	17.07	cps
Copper	63-2	1690	1697	1613	1667	2.78	cps
Dysprosium	156-1	120	113	93	109	12.74	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	63	53	33	50	30.55	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	37	40	30	36	14.32	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	7539425	7348528	6060220	6982724	11.52	cps
Holmium	165-2	2668113	2690464	2688155	2682244	0.46	cps
Indium	115-1	5950055	5913547	4869699	5577767	11.00	cps
Indium	115-2	565793	566817	570489	567700	0.43	cps
Iron	54-2	383	413	357	384	7.37	cps
Iron	56-2	6472	6369	6028	6289	3.69	cps
Iron	57-2	203	137	163	168	20.00	cps
Krypton	83-1	77	93	93	88	10.96	cps
Lead	206-1	1833	1683	1503	1673	9.87	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BL	Instrumnet Name :	P8
Client Sample ID :	PBS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:08:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1303	1447	1230	1327	8.31	cps
Lead	208-1	6647	6251	5691	6196	7.76	cps
Lithium	6-1	3344402	3346155	2673823	3121460	12.42	cps
Magnesium	24-2	427	347	470	414	15.10	cps
Manganese	55-2	253	217	243	238	7.97	cps
Molybdenum	94-1	210	180	227	206	11.51	cps
Molybdenum	95-1	200	143	153	166	18.27	cps
Molybdenum	96-1	243	213	223	227	6.74	cps
Molybdenum	97-1	97	113	87	99	13.62	cps
Molybdenum	98-1	213	240	260	238	9.84	cps
Neodymium	150-1	30	7	33	23	62.26	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	503	533	543	527	3.95	cps
Phosphorus	31-2	27	33	20	27	24.99	cps
Potassium	39-2	3024	3034	3177	3078	2.79	cps
Rhodium	103-1	5494233	5463107	4393930	5117090	12.24	cps
Rhodium	103-2	2081702	2109443	2079934	2090360	0.79	cps
Scandium	45-1	4067231	4099876	3311420	3826176	11.66	cps
Scandium	45-2	68037	69691	68482	68737	1.25	cps
Selenium	82-1	47	-30	7	8	487.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	0	2	173.21	cps
Silicon	28-1	205541	204138	209428	206369	1.33	cps
Silver	107-1	230	207	160	199	17.92	cps
Silver	109-1	137	143	107	129	15.15	cps
Sodium	23-2	8833	8913	9350	9032	3.08	cps
Strontium	86-1	180	163	203	182	11.03	cps
Strontium	88-1	357	280	247	294	19.16	cps
Sulfur	34-1	156427	157819	156505	156917	0.50	cps
Terbium	159-1	7692499	7609326	6225927	7175918	11.48	cps
Terbium	159-2	2598121	2599636	2604836	2600864	0.14	cps
Thallium	203-1	560	583	490	544	8.92	cps
Thallium	205-1	1320	1240	1280	1280	3.13	cps
Tin	118-1	747	703	663	704	5.92	cps
Titanium	47-1	150	150	153	151	1.28	cps
Uranium	238-1	30	30	37	32	11.95	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BL	Instrumnet Name :	P8
Client Sample ID :	PBS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:08:17	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	10	11	17.30	cps
Ytterbium	172-1	57	53	27	46	36.09	cps
Ytterbium	172-2	3	20	7	10	88.20	cps
Ytterbium	176-1	973	1050	747	923	17.08	cps
Ytterbium	176-2	103	120	140	121	15.16	cps
Yttrium	89-1	10615875	10666417	8687889	9990060	11.29	cps
Yttrium	89-2	707095	706600	709431	707709	0.21	cps
Zinc	66-2	173	140	140	151	12.74	cps
Zirconium	90-1	357	440	347	381	13.45	cps
Zirconium	91-1	43	73	53	57	26.96	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BS	Instrumnet Name :	P8
Client Sample ID :	LCS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:11:41	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1043	1070	1027	1047	2.09	cps
Antimony	121-1	24071	24552	24829	24484	1.57	cps
Arsenic	75-2	270	247	193	237	16.61	cps
Barium	135-1	32375	32910	32933	32740	0.96	cps
Barium	137-1	55473	55717	56487	55893	0.95	cps
Beryllium	9-1	5205	5285	5283	5258	0.87	cps
Bismuth	209-1	4829845	4800176	4529835	4719952	3.50	cps
Bismuth	209-2	1824673	1829348	2332514	1995512	14.63	cps
Bromine	81-1	4124	4357	4271	4251	2.78	cps
Cadmium	108-1	280	247	297	274	9.28	cps
Cadmium	106-1	3487	3500	3524	3504	0.53	cps
Cadmium	111-1	5325	5411	5476	5404	1.40	cps
Calcium	43-1	22965	23553	23129	23215	1.31	cps
Calcium	44-1	371945	378674	373418	374679	0.94	cps
Carbon	12-1	1284893	1273776	1283341	1280670	0.47	cps
Carbon	12-2	8566	8573	8299	8479	1.84	cps
Chlorine	35-1	1290019	1307967	1292838	1296942	0.74	cps
Chlorine	35-2	4714	4511	4587	4604	2.23	cps
Chromium	52-2	5154	5038	5168	5120	1.40	cps
Cobalt	59-2	4921	4854	4958	4911	1.07	cps
Copper	63-2	9813	9720	9683	9739	0.69	cps
Dysprosium	156-1	100	90	63	84	22.45	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	30	17	50	32	52.06	cps
Erbium	164-2	20	0	13	11	91.66	cps
Gadolinium	160-1	10	13	17	13	25.01	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	7508019	7487504	7268452	7421325	1.79	cps
Holmium	165-2	2519638	2547309	3200280	2755742	13.98	cps
Indium	115-1	6017003	5979123	5756764	5917630	2.38	cps
Indium	115-2	533380	545395	677466	585414	13.66	cps
Iron	54-2	20718	20712	21162	20864	1.24	cps
Iron	56-2	390726	390346	384098	388390	0.96	cps
Iron	57-2	9920	9887	9520	9776	2.27	cps
Krypton	83-1	73	90	83	82	10.20	cps
Lead	206-1	11365	11879	11715	11653	2.25	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BS	Instrumnet Name :	P8
Client Sample ID :	LCS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:11:41	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9744	10624	9880	10083	4.70	cps
Lead	208-1	45936	47451	46400	46595	1.67	cps
Lithium	6-1	3361878	3339478	3199993	3300449	2.66	cps
Magnesium	24-2	84433	84399	84436	84423	0.02	cps
Manganese	55-2	1367	1310	1440	1372	4.75	cps
Molybdenum	94-1	26545	27290	26929	26922	1.38	cps
Molybdenum	95-1	33286	32829	32779	32965	0.85	cps
Molybdenum	96-1	35549	36424	35495	35823	1.46	cps
Molybdenum	97-1	19918	20659	20058	20211	1.95	cps
Molybdenum	98-1	52515	51713	52726	52318	1.02	cps
Neodymium	150-1	7	23	7	12	78.69	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1703	1787	1840	1777	3.88	cps
Phosphorus	31-2	103	80	70	84	20.25	cps
Potassium	39-2	53218	53559	53967	53581	0.70	cps
Rhodium	103-1	5492668	5471935	5224110	5396238	2.77	cps
Rhodium	103-2	1954043	2004973	2518426	2159148	14.46	cps
Scandium	45-1	4115286	4082290	3941438	4046338	2.28	cps
Scandium	45-2	63985	66396	81199	70527	13.22	cps
Selenium	82-1	991	1141	1098	1077	7.17	cps
Selenium	77-2	13	17	30	20	44.10	cps
Selenium	78-2	60	63	60	61	3.15	cps
Silicon	28-1	327740	326983	327219	327314	0.12	cps
Silver	107-1	16116	16346	16423	16295	0.98	cps
Silver	109-1	15425	15829	15702	15652	1.32	cps
Sodium	23-2	181450	179478	179746	180224	0.59	cps
Strontium	86-1	4581	4584	4457	4541	1.59	cps
Strontium	88-1	38490	38175	38182	38282	0.47	cps
Sulfur	34-1	159898	159693	159635	159742	0.09	cps
Terbium	159-1	7678955	7666062	7453840	7599619	1.66	cps
Terbium	159-2	2434614	2480407	3090431	2668484	13.72	cps
Thallium	203-1	13314	13400	13364	13359	0.33	cps
Thallium	205-1	32504	31986	32935	32475	1.46	cps
Tin	118-1	54735	54257	54408	54467	0.45	cps
Titanium	47-1	2570	2647	2530	2582	2.30	cps
Uranium	238-1	41561	41829	41344	41578	0.58	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166280BS	Instrumnet Name :	P8
Client Sample ID :	LCS280	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:11:41	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9944	9493	9757	9731	2.32	cps
Ytterbium	172-1	47	43	43	44	4.34	cps
Ytterbium	172-2	17	10	20	16	32.73	cps
Ytterbium	176-1	973	1040	840	951	10.71	cps
Ytterbium	176-2	93	120	217	143	45.28	cps
Yttrium	89-1	10852383	10696054	10278875	10609104	2.79	cps
Yttrium	89-2	664137	678430	846759	729775	13.92	cps
Zinc	66-2	1907	2120	2007	2011	5.31	cps
Zirconium	90-1	22812	22395	23480	22896	2.39	cps
Zirconium	91-1	5061	5018	5121	5067	1.02	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BL	Instrumnet Name :	P8
Client Sample ID :	PBS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:15:03	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	27	23	27	12.51	cps
Antimony	121-1	100	87	67	84	19.87	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	227	160	220	202	18.16	cps
Barium	137-1	360	350	350	353	1.63	cps
Beryllium	9-1	240	234	259	244	5.33	cps
Bismuth	209-1	4856171	4773576	4843448	4824398	0.92	cps
Bismuth	209-2	1983217	1925770	1945721	1951569	1.49	cps
Bromine	81-1	4321	4281	4301	4301	0.47	cps
Cadmium	108-1	20	0	17	12	87.67	cps
Cadmium	106-1	3087	3097	3090	3091	0.16	cps
Cadmium	111-1	2164	2178	2178	2173	0.39	cps
Calcium	43-1	187	223	160	190	16.74	cps
Calcium	44-1	3034	3247	3087	3123	3.56	cps
Carbon	12-1	1220825	1220371	1224294	1221830	0.18	cps
Carbon	12-2	8019	8092	8136	8082	0.73	cps
Chlorine	35-1	427309	404958	386112	406126	5.08	cps
Chlorine	35-2	1307	1307	1197	1270	5.00	cps
Chromium	52-2	253	330	297	293	13.11	cps
Cobalt	59-2	80	120	107	102	19.92	cps
Copper	63-2	1580	1483	1667	1577	5.82	cps
Dysprosium	156-1	47	47	70	54	24.74	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	30	23	23	26	15.07	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	30	33	23	29	17.63	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	7574927	7574118	7475897	7541647	0.76	cps
Holmium	165-2	2686751	2657510	2676388	2673550	0.55	cps
Indium	115-1	5983266	5974850	6046719	6001612	0.65	cps
Indium	115-2	568974	560381	565644	565000	0.77	cps
Iron	54-2	253	213	237	234	8.57	cps
Iron	56-2	3617	3711	3567	3632	2.00	cps
Iron	57-2	83	90	100	91	9.21	cps
Krypton	83-1	90	100	87	92	7.52	cps
Lead	206-1	860	827	967	884	8.27	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BL	Instrumnet Name :	P8
Client Sample ID :	PBS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:15:03	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	710	683	760	718	5.42	cps
Lead	208-1	3560	3274	3424	3419	4.19	cps
Lithium	6-1	3309085	3358320	3250021	3305809	1.64	cps
Magnesium	24-2	403	427	463	431	7.02	cps
Manganese	55-2	173	107	157	146	23.84	cps
Molybdenum	94-1	193	170	167	177	8.23	cps
Molybdenum	95-1	160	150	150	153	3.77	cps
Molybdenum	96-1	187	153	223	188	18.65	cps
Molybdenum	97-1	73	80	77	77	4.35	cps
Molybdenum	98-1	197	197	177	190	6.08	cps
Neodymium	150-1	23	20	3	16	68.90	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	590	517	593	567	7.65	cps
Phosphorus	31-2	17	30	27	24	28.38	cps
Potassium	39-2	2977	2894	3020	2964	2.17	cps
Rhodium	103-1	5557232	5564531	5470285	5530682	0.95	cps
Rhodium	103-2	2131231	2037961	2086992	2085395	2.24	cps
Scandium	45-1	4086782	4178372	4119258	4128137	1.12	cps
Scandium	45-2	68415	67802	68331	68183	0.49	cps
Selenium	82-1	-3	-20	-23	-15	-69.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	3	3	2	86.60	cps
Silicon	28-1	198447	200775	201596	200273	0.82	cps
Silver	107-1	233	213	240	229	6.06	cps
Silver	109-1	177	160	150	162	8.31	cps
Sodium	23-2	8196	8252	8186	8211	0.44	cps
Strontium	86-1	157	147	143	149	4.66	cps
Strontium	88-1	287	263	280	277	4.34	cps
Sulfur	34-1	155346	154292	154578	154739	0.35	cps
Terbium	159-1	7678229	7760968	7748583	7729260	0.58	cps
Terbium	159-2	2683469	2555182	2607701	2615451	2.47	cps
Thallium	203-1	397	423	350	390	9.52	cps
Thallium	205-1	967	977	787	910	11.75	cps
Tin	118-1	763	763	663	730	7.91	cps
Titanium	47-1	97	67	90	84	18.65	cps
Uranium	238-1	37	33	33	34	5.60	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BL	Instrumnet Name :	P8
Client Sample ID :	PBS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:15:03	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	3	0	1	173.21	cps
Ytterbium	172-1	43	50	37	43	15.38	cps
Ytterbium	172-2	23	3	13	13	75.02	cps
Ytterbium	176-1	830	987	923	913	8.63	cps
Ytterbium	176-2	123	147	137	136	8.63	cps
Yttrium	89-1	10785460	10707830	10630858	10708049	0.72	cps
Yttrium	89-2	707881	699745	704991	704206	0.59	cps
Zinc	66-2	133	180	97	137	30.56	cps
Zirconium	90-1	337	353	387	359	7.10	cps
Zirconium	91-1	87	77	53	72	23.69	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BS	Instrumnet Name :	P8
Client Sample ID :	LCS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:18:28	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1123	1120	1093	1112	1.48	cps
Antimony	121-1	25016	24262	24839	24706	1.60	cps
Arsenic	75-2	303	253	257	271	10.31	cps
Barium	135-1	32165	32900	32392	32486	1.16	cps
Barium	137-1	56052	56005	55851	55970	0.19	cps
Beryllium	9-1	5014	5052	4951	5006	1.01	cps
Bismuth	209-1	4738474	4758937	4727372	4741594	0.34	cps
Bismuth	209-2	1944325	1935817	1899709	1926617	1.23	cps
Bromine	81-1	4314	4344	4327	4328	0.35	cps
Cadmium	108-1	267	247	293	269	8.71	cps
Cadmium	106-1	3510	3494	3344	3449	2.66	cps
Cadmium	111-1	5468	5557	5372	5466	1.69	cps
Calcium	43-1	23189	22928	23339	23152	0.90	cps
Calcium	44-1	368482	370124	370680	369762	0.31	cps
Carbon	12-1	1270472	1245025	1245917	1253805	1.15	cps
Carbon	12-2	8086	8266	8219	8190	1.14	cps
Chlorine	35-1	835975	889448	912031	879151	4.44	cps
Chlorine	35-2	3464	3701	3714	3626	3.88	cps
Chromium	52-2	4674	4994	5114	4928	4.62	cps
Cobalt	59-2	5131	4721	5048	4966	4.36	cps
Copper	63-2	9403	9490	9733	9542	1.79	cps
Dysprosium	156-1	40	43	67	50	29.06	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	47	30	47	41	23.41	cps
Erbium	164-2	23	7	13	14	58.06	cps
Gadolinium	160-1	20	33	33	29	26.64	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	7375397	7491379	7392533	7419770	0.84	cps
Holmium	165-2	2677811	2613917	2601098	2630942	1.56	cps
Indium	115-1	5872894	5932581	5950804	5918760	0.69	cps
Indium	115-2	557975	558242	554310	556842	0.39	cps
Iron	54-2	21409	21232	20735	21126	1.65	cps
Iron	56-2	389461	386108	383597	386389	0.76	cps
Iron	57-2	9637	9763	9670	9690	0.68	cps
Krypton	83-1	117	90	83	97	18.25	cps
Lead	206-1	11372	11398	11145	11305	1.23	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BS	Instrumnet Name :	P8
Client Sample ID :	LCS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:18:28	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9834	10071	9790	9898	1.52	cps
Lead	208-1	45565	45896	45118	45526	0.86	cps
Lithium	6-1	3277680	3337756	3267289	3294242	1.15	cps
Magnesium	24-2	84694	83980	83862	84179	0.53	cps
Manganese	55-2	1340	1123	1220	1228	8.84	cps
Molybdenum	94-1	26064	27070	26509	26548	1.90	cps
Molybdenum	95-1	32468	32568	32748	32595	0.44	cps
Molybdenum	96-1	35809	35933	36017	35920	0.29	cps
Molybdenum	97-1	20251	20472	20345	20356	0.54	cps
Molybdenum	98-1	52168	51856	52070	52031	0.31	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1817	1987	1753	1852	6.51	cps
Phosphorus	31-2	97	83	87	89	7.81	cps
Potassium	39-2	52906	53940	52906	53251	1.12	cps
Rhodium	103-1	5460622	5452592	5431216	5448143	0.28	cps
Rhodium	103-2	2051662	2066407	2015877	2044649	1.27	cps
Scandium	45-1	4038516	4023036	4035920	4032491	0.21	cps
Scandium	45-2	68154	68790	67072	68005	1.28	cps
Selenium	82-1	955	1091	1121	1056	8.42	cps
Selenium	77-2	20	10	17	16	32.73	cps
Selenium	78-2	63	70	77	70	9.53	cps
Silicon	28-1	322127	323955	322769	322951	0.29	cps
Silver	107-1	16627	16517	16126	16423	1.60	cps
Silver	109-1	15472	15495	15943	15637	1.70	cps
Sodium	23-2	178952	177046	177080	177693	0.61	cps
Strontium	86-1	4371	4607	4384	4454	2.99	cps
Strontium	88-1	38085	38329	38075	38163	0.38	cps
Sulfur	34-1	160755	161014	159987	160585	0.33	cps
Terbium	159-1	7478482	7727368	7421709	7542520	2.16	cps
Terbium	159-2	2538101	2540601	2545583	2541429	0.15	cps
Thallium	203-1	13287	13447	13120	13285	1.23	cps
Thallium	205-1	31749	32257	31953	31986	0.80	cps
Tin	118-1	53681	53557	55044	54094	1.52	cps
Titanium	47-1	2560	2504	2490	2518	1.48	cps
Uranium	238-1	40588	41304	41096	40996	0.90	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166279BS	Instrumnet Name :	P8
Client Sample ID :	LCS279	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:18:28	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9670	9780	9770	9740	0.63	cps
Ytterbium	172-1	50	53	50	51	3.76	cps
Ytterbium	172-2	7	27	17	17	59.99	cps
Ytterbium	176-1	907	900	963	923	3.77	cps
Ytterbium	176-2	160	200	180	180	11.11	cps
Yttrium	89-1	10549314	10667370	10581484	10599389	0.58	cps
Yttrium	89-2	696035	695176	697229	696147	0.15	cps
Zinc	66-2	2034	2100	1970	2035	3.20	cps
Zirconium	90-1	22488	22759	22502	22583	0.67	cps
Zirconium	91-1	5168	5008	5108	5094	1.59	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:21:50	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	23	33	29	17.63	cps
Antimony	121-1	50	73	50	58	23.31	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	170	147	130	149	13.49	cps
Barium	137-1	297	260	250	269	9.14	cps
Beryllium	9-1	244	215	219	226	6.92	cps
Bismuth	209-1	4687658	4724225	4770312	4727398	0.88	cps
Bismuth	209-2	1882411	1939755	1914461	1912209	1.50	cps
Bromine	81-1	4387	4284	4307	4326	1.25	cps
Cadmium	108-1	10	3	33	16	101.28	cps
Cadmium	106-1	3197	3204	2957	3119	4.51	cps
Cadmium	111-1	2241	2250	2053	2181	5.10	cps
Calcium	43-1	243	217	183	214	14.02	cps
Calcium	44-1	3254	2884	3040	3059	6.07	cps
Carbon	12-1	1245182	1224410	1227086	1232226	0.92	cps
Carbon	12-2	8072	8049	8156	8092	0.69	cps
Chlorine	35-1	269591	257328	246959	257960	4.39	cps
Chlorine	35-2	793	880	800	824	5.85	cps
Chromium	52-2	303	260	273	279	7.96	cps
Cobalt	59-2	73	63	50	62	18.81	cps
Copper	63-2	1570	1520	1517	1536	1.95	cps
Dysprosium	156-1	67	87	83	79	13.58	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	3	27	40	23	79.55	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	23	37	47	36	32.93	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	7464657	7533823	7426547	7475009	0.73	cps
Holmium	165-2	2631502	2643638	2685790	2653644	1.07	cps
Indium	115-1	5889454	5893128	6045742	5942775	1.50	cps
Indium	115-2	543007	556922	553071	551000	1.30	cps
Iron	54-2	170	233	223	209	16.30	cps
Iron	56-2	3220	3340	3277	3279	1.83	cps
Iron	57-2	97	103	73	91	17.29	cps
Krypton	83-1	107	100	73	93	18.90	cps
Lead	206-1	753	820	830	801	5.20	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:21:50	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	580	667	617	621	7.00	cps
Lead	208-1	2863	2994	3004	2953	2.64	cps
Lithium	6-1	3344788	3330338	3302887	3326005	0.64	cps
Magnesium	24-2	457	430	457	448	3.44	cps
Manganese	55-2	140	170	140	150	11.55	cps
Molybdenum	94-1	197	207	163	189	12.01	cps
Molybdenum	95-1	140	93	100	111	22.72	cps
Molybdenum	96-1	183	190	167	180	6.68	cps
Molybdenum	97-1	47	80	83	70	28.96	cps
Molybdenum	98-1	143	163	163	157	7.37	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	503	533	540	526	3.72	cps
Phosphorus	31-2	17	30	23	23	28.56	cps
Potassium	39-2	2907	2790	2960	2886	3.01	cps
Rhodium	103-1	5402054	5473030	5474629	5449905	0.76	cps
Rhodium	103-2	2028229	2062766	2050607	2047201	0.86	cps
Scandium	45-1	4045646	4054810	4010938	4037131	0.57	cps
Scandium	45-2	64919	67829	67042	66597	2.26	cps
Selenium	82-1	-27	-17	40	-1	-3469.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	7	2	173.21	cps
Silicon	28-1	197731	198778	197070	197860	0.44	cps
Silver	107-1	253	200	170	208	20.32	cps
Silver	109-1	127	143	163	144	12.71	cps
Sodium	23-2	8086	8006	8209	8100	1.27	cps
Strontium	86-1	160	137	153	150	8.01	cps
Strontium	88-1	263	307	250	273	10.84	cps
Sulfur	34-1	161209	161570	161542	161440	0.12	cps
Terbium	159-1	7638048	7764105	7542598	7648250	1.45	cps
Terbium	159-2	2504580	2551678	2547664	2534641	1.03	cps
Thallium	203-1	307	300	363	323	10.76	cps
Thallium	205-1	823	760	743	776	5.44	cps
Tin	118-1	713	757	783	751	4.70	cps
Titanium	47-1	40	60	50	50	20.00	cps
Uranium	238-1	40	20	27	29	35.25	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BL	Instrumnet Name :	P8
Client Sample ID :	PBS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:21:50	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	3	7	4	43.40	cps
Ytterbium	172-1	40	47	27	38	26.95	cps
Ytterbium	172-2	17	27	0	14	93.26	cps
Ytterbium	176-1	903	950	1017	957	5.95	cps
Ytterbium	176-2	133	113	187	144	26.24	cps
Yttrium	89-1	10573129	10669179	10596944	10613084	0.47	cps
Yttrium	89-2	675969	693049	693253	687424	1.44	cps
Zinc	66-2	147	157	97	133	24.11	cps
Zirconium	90-1	310	393	377	360	12.25	cps
Zirconium	91-1	73	53	73	67	17.32	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:26:54	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1040	983	1020	1014	2.83	cps
Antimony	121-1	24235	23904	24208	24116	0.76	cps
Arsenic	75-2	207	237	247	230	9.05	cps
Barium	135-1	31573	31797	31082	31484	1.16	cps
Barium	137-1	54379	55269	55654	55100	1.19	cps
Beryllium	9-1	5031	4964	4999	4998	0.68	cps
Bismuth	209-1	4788703	4671866	4638171	4699580	1.68	cps
Bismuth	209-2	1881363	1867954	1848082	1865799	0.90	cps
Bromine	81-1	4164	4091	4074	4110	1.17	cps
Cadmium	108-1	250	230	230	237	4.88	cps
Cadmium	106-1	3537	3430	3681	3549	3.54	cps
Cadmium	111-1	5351	5457	5616	5475	2.43	cps
Calcium	43-1	25049	25663	25713	25475	1.45	cps
Calcium	44-1	386370	389783	388759	388304	0.45	cps
Carbon	12-1	1289783	1279616	1268234	1279211	0.84	cps
Carbon	12-2	8523	8279	8476	8426	1.53	cps
Chlorine	35-1	642981	711532	751869	702127	7.84	cps
Chlorine	35-2	2914	3050	3007	2990	2.34	cps
Chromium	52-2	4864	4851	4844	4853	0.21	cps
Cobalt	59-2	4677	4377	4804	4620	4.74	cps
Copper	63-2	9040	9320	9153	9171	1.54	cps
Dysprosium	156-1	70	53	67	63	13.93	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	40	47	47	44	8.66	cps
Erbium	164-2	10	23	17	17	39.99	cps
Gadolinium	160-1	33	30	43	36	19.51	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	7334000	7355048	7486421	7391823	1.12	cps
Holmium	165-2	2565300	2578009	2522483	2555264	1.14	cps
Indium	115-1	5835715	5887421	5824315	5849150	0.57	cps
Indium	115-2	547758	549730	545501	547663	0.39	cps
Iron	54-2	20368	20408	19644	20140	2.14	cps
Iron	56-2	373042	376128	371072	373414	0.68	cps
Iron	57-2	9233	9513	9463	9403	1.59	cps
Krypton	83-1	50	117	103	90	39.20	cps
Lead	206-1	11288	11125	10998	11137	1.31	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:26:54	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9864	9564	9864	9764	1.78	cps
Lead	208-1	44764	44774	44881	44806	0.14	cps
Lithium	6-1	3280216	3247747	3280216	3269393	0.57	cps
Magnesium	24-2	82213	82458	82257	82309	0.16	cps
Manganese	55-2	1277	1157	1323	1252	6.87	cps
Molybdenum	94-1	25784	26398	26104	26096	1.18	cps
Molybdenum	95-1	31837	31586	31392	31605	0.71	cps
Molybdenum	96-1	34603	34747	35168	34839	0.84	cps
Molybdenum	97-1	19497	19584	19948	19676	1.22	cps
Molybdenum	98-1	49776	50729	51083	50529	1.34	cps
Neodymium	150-1	17	10	17	14	26.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1617	1850	1627	1698	7.77	cps
Phosphorus	31-2	70	87	87	81	11.87	cps
Potassium	39-2	51719	52140	51428	51762	0.69	cps
Rhodium	103-1	5364168	5334954	5307564	5335562	0.53	cps
Rhodium	103-2	2025791	2009632	1988693	2008038	0.93	cps
Scandium	45-1	4020117	4001857	3958125	3993366	0.80	cps
Scandium	45-2	64966	65866	64420	65084	1.12	cps
Selenium	82-1	1071	978	1025	1025	4.55	cps
Selenium	77-2	10	17	20	16	32.73	cps
Selenium	78-2	57	63	30	50	35.28	cps
Silicon	28-1	317306	319825	319216	318782	0.41	cps
Silver	107-1	15746	16076	15943	15922	1.04	cps
Silver	109-1	15085	15269	15596	15316	1.69	cps
Sodium	23-2	174445	172298	171869	172871	0.80	cps
Strontium	86-1	840281	840456	840019	840252	0.03	cps
Strontium	88-1	7595462	7624348	7627385	7615732	0.23	cps
Sulfur	34-1	163389	163771	162918	163359	0.26	cps
Terbium	159-1	7530414	7469271	7551103	7516929	0.57	cps
Terbium	159-2	2499013	2487480	2475144	2487212	0.48	cps
Thallium	203-1	13417	13234	13584	13411	1.31	cps
Thallium	205-1	31806	32050	31512	31789	0.85	cps
Tin	118-1	52704	53604	52497	52935	1.11	cps
Titanium	47-1	2384	2564	2567	2505	4.19	cps
Uranium	238-1	40645	40812	41642	41033	1.30	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	PB166302BS	Instrumnet Name :	P8
Client Sample ID :	LCS302	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:26:54	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9330	9737	9080	9382	3.53	cps
Ytterbium	172-1	47	47	37	43	13.32	cps
Ytterbium	172-2	3	27	10	13	90.16	cps
Ytterbium	176-1	1017	1080	1103	1067	4.20	cps
Ytterbium	176-2	130	120	120	123	4.68	cps
Yttrium	89-1	10421586	10257395	10329466	10336149	0.80	cps
Yttrium	89-2	678976	687605	681639	682740	0.65	cps
Zinc	66-2	1947	2040	1897	1961	3.71	cps
Zirconium	90-1	21897	22258	22765	22307	1.96	cps
Zirconium	91-1	4801	5091	5004	4965	3.00	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1135-02A	Instrumnet Name :	P8
Client Sample ID :	YE8F7A	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:30:15	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	906875	899825	893928	900209	0.72	cps
Antimony	121-1	3691	3704	3751	3715	0.85	cps
Arsenic	75-2	3577	3390	3494	3487	2.68	cps
Barium	135-1	599943	603361	600695	601333	0.30	cps
Barium	137-1	1048072	1048948	1050087	1049036	0.10	cps
Beryllium	9-1	3397	3386	3420	3401	0.51	cps
Bismuth	209-1	4636685	4616887	4631095	4628222	0.22	cps
Bismuth	209-2	1848515	1836742	1823018	1836092	0.70	cps
Bromine	81-1	4714	4928	5201	4948	4.93	cps
Cadmium	108-1	147	133	120	133	10.00	cps
Cadmium	106-1	3814	3837	3587	3746	3.69	cps
Cadmium	111-1	3257	3276	2987	3173	5.09	cps
Calcium	43-1	110289	111746	113140	111725	1.28	cps
Calcium	44-1	1854401	1878195	1837064	1856553	1.11	cps
Carbon	12-1	1410428	1460381	1428962	1433257	1.76	cps
Carbon	12-2	9450	9837	9453	9580	2.32	cps
Chlorine	35-1	42606358	45976264	46769449	45117357	4.90	cps
Chlorine	35-2	176069	176808	177133	176670	0.31	cps
Chromium	52-2	86083	84739	84142	84988	1.17	cps
Cobalt	59-2	127753	128305	125964	127341	0.96	cps
Copper	63-2	206343	209279	208433	208018	0.73	cps
Dysprosium	156-1	124311	124688	125482	124827	0.48	cps
Dysprosium	156-2	43484	43564	43664	43571	0.21	cps
Erbium	164-1	122541	124338	122800	123226	0.79	cps
Erbium	164-2	41367	40508	40157	40678	1.53	cps
Gadolinium	160-1	126994	128747	128703	128148	0.78	cps
Gadolinium	160-2	52740	52861	52121	52574	0.75	cps
Holmium	165-1	7597480	7571988	7612210	7593893	0.27	cps
Holmium	165-2	2629895	2647887	2704872	2660884	1.47	cps
Indium	115-1	5756421	5779789	5665903	5734038	1.05	cps
Indium	115-2	546766	546816	545683	546422	0.12	cps
Iron	54-2	5548319	5475801	5481664	5501928	0.73	cps
Iron	56-2	102392548	102093635	101171635	101885940	0.62	cps
Iron	57-2	2610572	2611313	2622079	2614655	0.25	cps
Krypton	83-1	263	267	243	258	4.90	cps
Lead	206-1	129031	127496	128513	128347	0.61	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1135-02A	Instrumnet Name :	P8
Client Sample ID :	YE8F7A	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:30:15	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	103774	103542	105697	104338	1.13	cps
Lead	208-1	491762	491802	496799	493454	0.59	cps
Lithium	6-1	3402715	3531349	3471127	3468397	1.86	cps
Magnesium	24-2	1742278	1759138	1713271	1738229	1.33	cps
Manganese	55-2	2520645	2504988	2453168	2492934	1.42	cps
Molybdenum	94-1	30042	31188	30300	30510	1.97	cps
Molybdenum	95-1	40462	40365	41131	40653	1.03	cps
Molybdenum	96-1	45718	45765	45748	45744	0.05	cps
Molybdenum	97-1	24862	24959	25196	25006	0.69	cps
Molybdenum	98-1	65279	64542	65041	64954	0.58	cps
Neodymium	150-1	161265	162473	163701	162480	0.75	cps
Neodymium	150-2	39752	39334	39264	39450	0.67	cps
Nickel	60-2	77938	77452	76561	77317	0.90	cps
Phosphorus	31-2	1660	1710	1530	1633	5.69	cps
Potassium	39-2	206875	203990	204227	205031	0.78	cps
Rhodium	103-1	5269626	5233703	5200144	5234491	0.66	cps
Rhodium	103-2	1986164	1976061	1991704	1984643	0.40	cps
Scandium	45-1	4451740	4518040	4503584	4491122	0.78	cps
Scandium	45-2	75430	74900	74130	74820	0.87	cps
Selenium	82-1	137	137	127	134	4.31	cps
Selenium	77-2	170	170	233	191	19.13	cps
Selenium	78-2	133	90	163	129	28.61	cps
Silicon	28-1	20078925	20166784	20394686	20213465	0.81	cps
Silver	107-1	1290	1070	927	1096	16.71	cps
Silver	109-1	1387	993	883	1088	24.33	cps
Sodium	23-2	21025	20835	21012	20957	0.51	cps
Strontium	86-1	84362	84751	84996	84703	0.38	cps
Strontium	88-1	725517	734249	735659	731808	0.75	cps
Sulfur	34-1	167097	169276	169691	168688	0.83	cps
Terbium	159-1	7754549	7689562	7680478	7708196	0.52	cps
Terbium	159-2	2567774	2604928	2585456	2586052	0.72	cps
Thallium	203-1	2607	2460	2460	2509	3.38	cps
Thallium	205-1	5908	5971	5925	5935	0.55	cps
Tin	118-1	8306	8980	8349	8545	4.41	cps
Titanium	47-1	945478	954514	953799	951264	0.53	cps
Uranium	238-1	38662	38528	38431	38541	0.30	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1135-02A	Instrumnet Name :	P8
Client Sample ID :	YE8F7A	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:30:15	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	148622	147763	148241	148209	0.29	cps
Ytterbium	172-1	40335	40686	40425	40482	0.45	cps
Ytterbium	172-2	16153	16147	16137	16145	0.05	cps
Ytterbium	176-1	25558	26500	25899	25986	1.84	cps
Ytterbium	176-2	10087	10201	10121	10136	0.58	cps
Yttrium	89-1	12130957	12058229	12137964	12109050	0.36	cps
Yttrium	89-2	807368	800757	799795	802640	0.51	cps
Zinc	66-2	41511	40899	40020	40810	1.84	cps
Zirconium	90-1	20715	20579	20549	20614	0.43	cps
Zirconium	91-1	4514	4607	4658	4593	1.58	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01	Instrumnet Name :	P8
Client Sample ID :	MH2GX0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:33:34	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551630	546167	554268	550688	0.75	cps
Antimony	121-1	31423	31276	31593	31431	0.51	cps
Arsenic	75-2	9490	9757	9844	9697	1.90	cps
Barium	135-1	1316652	1349858	1360110	1342207	1.69	cps
Barium	137-1	2444317	2484393	2502457	2477055	1.20	cps
Beryllium	9-1	8176	8374	8551	8367	2.24	cps
Bismuth	209-1	4697703	4726805	4799570	4741360	1.11	cps
Bismuth	209-2	1879599	1881367	1881760	1880908	0.06	cps
Bromine	81-1	8696	9470	9470	9212	4.85	cps
Cadmium	108-1	3190	3167	3134	3164	0.90	cps
Cadmium	106-1	7946	7932	8152	8010	1.54	cps
Cadmium	111-1	46884	48513	48731	48043	2.10	cps
Calcium	43-1	3218446	3335556	3418822	3324275	3.03	cps
Calcium	44-1	52008083	54123621	54312008	53481237	2.39	cps
Carbon	12-1	2387336	2487093	2530868	2468433	2.98	cps
Carbon	12-2	17037	16810	17147	16998	1.01	cps
Chlorine	35-1	60192701	64299071	66386047	63625940	4.95	cps
Chlorine	35-2	252322	248938	255194	252151	1.24	cps
Chromium	52-2	56545	57057	57060	56887	0.52	cps
Cobalt	59-2	89167	90418	90529	90038	0.84	cps
Copper	63-2	1168126	1171871	1164981	1168326	0.30	cps
Dysprosium	156-1	81721	83844	83136	82900	1.30	cps
Dysprosium	156-2	26012	25374	25698	25695	1.24	cps
Erbium	164-1	66384	66635	67765	66928	1.10	cps
Erbium	164-2	22526	22900	22355	22594	1.23	cps
Gadolinium	160-1	71849	74024	74825	73566	2.09	cps
Gadolinium	160-2	29920	30117	30101	30046	0.36	cps
Holmium	165-1	7441589	7555844	7721451	7572961	1.86	cps
Holmium	165-2	2672288	2712999	2736476	2707254	1.20	cps
Indium	115-1	5859993	5884393	6052400	5932262	1.77	cps
Indium	115-2	564882	571968	571821	569557	0.71	cps
Iron	54-2	6076502	6002732	6117056	6065430	0.96	cps
Iron	56-2	113136428	111240348	113952785	112776521	1.23	cps
Iron	57-2	2899433	2866684	2914737	2893618	0.85	cps
Krypton	83-1	167	190	170	176	7.19	cps
Lead	206-1	10125328	10325006	10209488	10219940	0.98	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01	Instrumnet Name :	P8
Client Sample ID :	MH2GX0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:33:34	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8364093	8662229	8711480	8579267	2.19	cps
Lead	208-1	39405050	40100114	40335172	39946779	1.21	cps
Lithium	6-1	3450667	3493371	3595661	3513233	2.12	cps
Magnesium	24-2	1290670	1283528	1283609	1285936	0.32	cps
Manganese	55-2	4105702	3997418	4121059	4074726	1.65	cps
Molybdenum	94-1	26565	28416	28469	27817	3.90	cps
Molybdenum	95-1	21700	22605	22271	22192	2.06	cps
Molybdenum	96-1	26916	28376	28082	27791	2.78	cps
Molybdenum	97-1	13013	13617	13130	13253	2.42	cps
Molybdenum	98-1	33761	35161	35238	34720	2.39	cps
Neodymium	150-1	121204	123420	125372	123332	1.69	cps
Neodymium	150-2	30321	30418	31233	30657	1.63	cps
Nickel	60-2	98434	100357	99081	99291	0.99	cps
Phosphorus	31-2	5141	5171	5058	5123	1.15	cps
Potassium	39-2	391327	394782	399914	395341	1.09	cps
Rhodium	103-1	5247467	5291471	5391801	5310246	1.39	cps
Rhodium	103-2	2073855	2019630	2046005	2046497	1.33	cps
Scandium	45-1	4213782	4268798	4375742	4286107	1.92	cps
Scandium	45-2	73393	72441	74599	73477	1.47	cps
Selenium	82-1	201	181	258	214	18.66	cps
Selenium	77-2	93	100	137	110	21.21	cps
Selenium	78-2	70	60	80	70	14.29	cps
Silicon	28-1	11851441	12093566	12451424	12132144	2.49	cps
Silver	107-1	74898	77429	77965	76764	2.13	cps
Silver	109-1	71946	73501	74379	73276	1.68	cps
Sodium	23-2	171549	171731	173390	172223	0.59	cps
Strontium	86-1	1140833	1176906	1184858	1167532	2.01	cps
Strontium	88-1	10310039	10566228	10697844	10524704	1.87	cps
Sulfur	34-1	214803	218986	222468	218753	1.75	cps
Terbium	159-1	7696743	7786136	7919156	7800678	1.43	cps
Terbium	159-2	2625293	2629545	2617884	2624241	0.22	cps
Thallium	203-1	9010	9500	9617	9376	3.44	cps
Thallium	205-1	22273	23177	23966	23139	3.66	cps
Tin	118-1	189845	194608	200360	194938	2.70	cps
Titanium	47-1	308216	321350	324142	317903	2.68	cps
Uranium	238-1	99476	99744	102452	100557	1.64	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01	Instrumnet Name :	P8
Client Sample ID :	MH2GX0	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:33:34	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	111281	112128	112796	112068	0.68	cps
Ytterbium	172-1	20252	20650	20626	20509	1.09	cps
Ytterbium	172-2	8489	8019	8109	8206	3.04	cps
Ytterbium	176-1	13023	13647	13627	13432	2.64	cps
Ytterbium	176-2	5184	5328	5411	5308	2.16	cps
Yttrium	89-1	11644948	11713137	12091666	11816584	2.04	cps
Yttrium	89-2	795584	797168	798907	797220	0.21	cps
Zinc	66-2	1090842	1088188	1095554	1091528	0.34	cps
Zirconium	90-1	39205	40321	40760	40095	2.00	cps
Zirconium	91-1	8676	9020	9146	8947	2.72	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-02	Instrumnet Name :	P8
Client Sample ID :	MH2GX0D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:36:44	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554269	557991	553927	555396	0.41	cps
Antimony	121-1	31329	31339	31907	31525	1.05	cps
Arsenic	75-2	9880	10144	9570	9865	2.91	cps
Barium	135-1	1336049	1357963	1367397	1353803	1.19	cps
Barium	137-1	2434515	2505086	2489064	2476222	1.49	cps
Beryllium	9-1	8440	8594	8598	8544	1.05	cps
Bismuth	209-1	4746956	4838229	4841786	4808991	1.12	cps
Bismuth	209-2	1919622	1891647	1912140	1907803	0.76	cps
Bromine	81-1	9003	9707	9924	9544	5.04	cps
Cadmium	108-1	3400	3254	3427	3360	2.78	cps
Cadmium	106-1	8276	8042	8279	8199	1.66	cps
Cadmium	111-1	48460	48827	49393	48893	0.96	cps
Calcium	43-1	3261971	3325918	3387463	3325117	1.89	cps
Calcium	44-1	53316249	54175933	54730109	54074097	1.32	cps
Carbon	12-1	2458408	2569754	2568754	2532305	2.53	cps
Carbon	12-2	16716	17020	17304	17013	1.73	cps
Chlorine	35-1	64766951	68583806	69301716	67550824	3.61	cps
Chlorine	35-2	258673	260122	259198	259331	0.28	cps
Chromium	52-2	57056	57937	57505	57499	0.77	cps
Cobalt	59-2	91266	91662	92679	91869	0.79	cps
Copper	63-2	1169436	1179878	1183867	1177727	0.63	cps
Dysprosium	156-1	82848	85219	84816	84294	1.51	cps
Dysprosium	156-2	25331	25438	26466	25745	2.44	cps
Erbium	164-1	67684	68341	69671	68565	1.48	cps
Erbium	164-2	22750	22803	22302	22618	1.22	cps
Gadolinium	160-1	73411	74657	74835	74301	1.04	cps
Gadolinium	160-2	29987	30331	29533	29950	1.34	cps
Holmium	165-1	7748707	7760351	7898188	7802415	1.07	cps
Holmium	165-2	2729587	2684146	2735073	2716269	1.03	cps
Indium	115-1	5964635	6163980	6215004	6114540	2.16	cps
Indium	115-2	571149	571882	584043	575691	1.26	cps
Iron	54-2	6239034	6316434	6171429	6242299	1.16	cps
Iron	56-2	115624575	115959135	114210868	115264859	0.81	cps
Iron	57-2	2940211	2942641	2928142	2936998	0.26	cps
Krypton	83-1	173	193	190	186	5.77	cps
Lead	206-1	10276709	10362502	10371807	10337006	0.51	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-02	Instrumnet Name :	P8
Client Sample ID :	MH2GX0D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:36:44	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8539956	8701657	8676584	8639399	1.01	cps
Lead	208-1	40067474	40468385	40582647	40372836	0.67	cps
Lithium	6-1	3509699	3637071	3646691	3597820	2.13	cps
Magnesium	24-2	1304037	1312251	1271671	1295986	1.66	cps
Manganese	55-2	4079082	4135325	4122718	4112375	0.72	cps
Molybdenum	94-1	27083	28199	28219	27833	2.33	cps
Molybdenum	95-1	22465	22909	23380	22918	2.00	cps
Molybdenum	96-1	27962	28549	28576	28362	1.22	cps
Molybdenum	97-1	13680	13947	14074	13900	1.45	cps
Molybdenum	98-1	36134	36525	36421	36360	0.56	cps
Neodymium	150-1	123501	125944	125217	124887	1.00	cps
Neodymium	150-2	30876	30354	30999	30743	1.11	cps
Nickel	60-2	101270	102838	102214	102107	0.77	cps
Phosphorus	31-2	5204	4948	4858	5003	3.60	cps
Potassium	39-2	400282	398434	399943	399553	0.25	cps
Rhodium	103-1	5403618	5368078	5457320	5409672	0.83	cps
Rhodium	103-2	2039816	2035145	2098034	2057665	1.70	cps
Scandium	45-1	4372360	4475010	4446309	4431226	1.20	cps
Scandium	45-2	75081	73724	74713	74506	0.94	cps
Selenium	82-1	215	152	205	191	17.93	cps
Selenium	77-2	110	113	70	98	24.66	cps
Selenium	78-2	57	50	73	60	20.03	cps
Silicon	28-1	11878372	12036611	12120354	12011779	1.02	cps
Silver	107-1	77335	79366	78759	78487	1.33	cps
Silver	109-1	73827	74523	74741	74364	0.64	cps
Sodium	23-2	172607	174706	171140	172818	1.04	cps
Strontium	86-1	1165526	1194718	1201789	1187344	1.62	cps
Strontium	88-1	10539712	10799521	11009802	10783012	2.18	cps
Sulfur	34-1	220188	224194	224340	222907	1.06	cps
Terbium	159-1	7908783	7943163	8155730	8002559	1.67	cps
Terbium	159-2	2616096	2624691	2665878	2635555	1.01	cps
Thallium	203-1	9380	9724	9704	9603	2.01	cps
Thallium	205-1	22867	23525	23288	23226	1.43	cps
Tin	118-1	188862	189799	190099	189587	0.34	cps
Titanium	47-1	318000	327205	327356	324187	1.65	cps
Uranium	238-1	102449	104663	104963	104025	1.32	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-02	Instrumnet Name :	P8
Client Sample ID :	MH2GX0D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:36:44	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	114147	114409	114288	114281	0.11	cps
Ytterbium	172-1	20312	20706	20716	20578	1.12	cps
Ytterbium	172-2	8176	8443	8223	8280	1.72	cps
Ytterbium	176-1	13333	13694	13520	13516	1.33	cps
Ytterbium	176-2	5545	5341	5231	5372	2.96	cps
Yttrium	89-1	12036864	12125497	12354143	12172168	1.34	cps
Yttrium	89-2	796678	799891	811716	802761	0.99	cps
Zinc	66-2	1091204	1093533	1102862	1095866	0.56	cps
Zirconium	90-1	41184	41074	43488	41915	3.25	cps
Zirconium	91-1	8693	9130	9206	9010	3.08	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GX0L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:39:55	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107306	105723	105311	106113	0.99	cps
Antimony	121-1	6282	6208	6358	6283	1.19	cps
Arsenic	75-2	1940	1870	1913	1908	1.85	cps
Barium	135-1	262565	263348	268281	264732	1.17	cps
Barium	137-1	461558	467971	464416	464648	0.69	cps
Beryllium	9-1	1772	1776	1904	1817	4.11	cps
Bismuth	209-1	4637780	4762924	4769549	4723418	1.57	cps
Bismuth	209-2	1855885	1918515	1881584	1885328	1.67	cps
Bromine	81-1	5318	5258	5645	5407	3.85	cps
Cadmium	108-1	637	707	697	680	5.57	cps
Cadmium	106-1	4157	4351	4194	4234	2.43	cps
Cadmium	111-1	11678	11737	12102	11839	1.94	cps
Calcium	43-1	631426	637923	633597	634315	0.52	cps
Calcium	44-1	10419639	10462417	10537732	10473263	0.57	cps
Carbon	12-1	1705422	1755780	1743911	1735037	1.52	cps
Carbon	12-2	11855	11765	11988	11869	0.95	cps
Chlorine	35-1	14281519	14741381	14678461	14567120	1.71	cps
Chlorine	35-2	53605	53301	52813	53240	0.75	cps
Chromium	52-2	11448	11228	11355	11343	0.97	cps
Cobalt	59-2	17614	17678	18415	17902	2.49	cps
Copper	63-2	233373	235883	233187	234148	0.64	cps
Dysprosium	156-1	16250	16230	16587	16356	1.23	cps
Dysprosium	156-2	4948	4898	5334	5060	4.72	cps
Erbium	164-1	13110	13514	13507	13377	1.73	cps
Erbium	164-2	4601	4531	4457	4530	1.58	cps
Gadolinium	160-1	14138	14441	14271	14283	1.07	cps
Gadolinium	160-2	6068	5958	5848	5958	1.85	cps
Holmium	165-1	7404599	7596617	7634543	7545253	1.63	cps
Holmium	165-2	2636878	2690390	2627014	2651427	1.29	cps
Indium	115-1	5852274	5974360	5970343	5932326	1.17	cps
Indium	115-2	557923	561592	565978	561831	0.72	cps
Iron	54-2	1156859	1149063	1142056	1149326	0.64	cps
Iron	56-2	22347840	22132978	22281626	22254148	0.49	cps
Iron	57-2	533806	534990	535559	534785	0.17	cps
Krypton	83-1	110	77	80	89	20.65	cps
Lead	206-1	2050649	2119297	2102342	2090762	1.71	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GX0L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:39:55	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1749100	1740943	1755680	1748574	0.42	cps
Lead	208-1	8073826	8283108	8242173	8199703	1.35	cps
Lithium	6-1	3317046	3395881	3352154	3355027	1.18	cps
Magnesium	24-2	238055	239583	237550	238396	0.44	cps
Manganese	55-2	753885	759319	757263	756822	0.36	cps
Molybdenum	94-1	5201	5565	5428	5398	3.40	cps
Molybdenum	95-1	4367	4351	4637	4452	3.62	cps
Molybdenum	96-1	5201	5401	5494	5366	2.79	cps
Molybdenum	97-1	2610	2674	2720	2668	2.07	cps
Molybdenum	98-1	7045	6988	6628	6887	3.28	cps
Neodymium	150-1	24175	24553	24155	24294	0.92	cps
Neodymium	150-2	6088	5981	6108	6059	1.12	cps
Nickel	60-2	20632	20819	20658	20703	0.49	cps
Phosphorus	31-2	1040	1120	1040	1067	4.33	cps
Potassium	39-2	77191	77939	78043	77724	0.60	cps
Rhodium	103-1	5271033	5495206	5506276	5424172	2.45	cps
Rhodium	103-2	2022153	2059184	2026207	2035848	1.00	cps
Scandium	45-1	4132507	4189109	4148576	4156730	0.70	cps
Scandium	45-2	67685	69075	69802	68854	1.56	cps
Selenium	82-1	18	58	38	38	52.33	cps
Selenium	77-2	27	10	3	13	90.16	cps
Selenium	78-2	13	30	23	22	37.76	cps
Silicon	28-1	2562165	2530630	2567174	2553323	0.78	cps
Silver	107-1	15539	16206	16003	15916	2.15	cps
Silver	109-1	14905	14945	15072	14974	0.58	cps
Sodium	23-2	39436	40072	39751	39753	0.80	cps
Strontium	86-1	231018	232258	234131	232469	0.67	cps
Strontium	88-1	2110807	2125174	2127357	2121112	0.42	cps
Sulfur	34-1	172092	172298	172197	172196	0.06	cps
Terbium	159-1	7601203	7748855	7729743	7693267	1.04	cps
Terbium	159-2	2550106	2592318	2604271	2582232	1.10	cps
Thallium	203-1	2147	2024	2077	2082	2.97	cps
Thallium	205-1	4911	5071	4964	4982	1.64	cps
Tin	118-1	41102	40627	41118	40949	0.68	cps
Titanium	47-1	61889	62211	62693	62264	0.65	cps
Uranium	238-1	20046	19749	20330	20041	1.45	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GX0L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:39:55	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	21947	22004	21693	21881	0.76	cps
Ytterbium	172-1	3977	4111	4164	4084	2.36	cps
Ytterbium	172-2	1640	1550	1583	1591	2.86	cps
Ytterbium	176-1	3317	3367	3357	3347	0.79	cps
Ytterbium	176-2	1160	1130	1113	1135	2.09	cps
Yttrium	89-1	10841906	11053562	11057872	10984447	1.12	cps
Yttrium	89-2	713561	722105	728343	721336	1.03	cps
Zinc	66-2	216896	217665	217129	217230	0.18	cps
Zirconium	90-1	8012	8333	7902	8083	2.77	cps
Zirconium	91-1	1810	1780	1700	1763	3.23	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-03	Instrumnet Name :	P8
Client Sample ID :	MH2GX0S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:43:11	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575371	572786	574019	574059	0.23	cps
Antimony	121-1	157492	159519	160111	159041	0.86	cps
Arsenic	75-2	11014	11248	10818	11027	1.95	cps
Barium	135-1	2184479	2193811	2202525	2193605	0.41	cps
Barium	137-1	3804638	3755364	3800837	3786946	0.72	cps
Beryllium	9-1	34185	34592	35122	34633	1.36	cps
Bismuth	209-1	4797459	4837877	4912264	4849200	1.20	cps
Bismuth	209-2	1918267	1909884	1884473	1904208	0.92	cps
Bromine	81-1	9420	9703	9984	9702	2.91	cps
Cadmium	108-1	4381	4364	4287	4344	1.15	cps
Cadmium	106-1	9700	9647	9667	9671	0.28	cps
Cadmium	111-1	66482	67595	67104	67061	0.83	cps
Calcium	43-1	3441395	3473228	3464833	3459819	0.48	cps
Calcium	44-1	55279974	56001694	56374629	55885433	1.00	cps
Carbon	12-1	2470261	2548337	2598488	2539029	2.55	cps
Carbon	12-2	17157	17674	17230	17354	1.61	cps
Chlorine	35-1	64581449	67418521	69690204	67230058	3.81	cps
Chlorine	35-2	260443	260553	261364	260787	0.19	cps
Chromium	52-2	112551	110865	109723	111046	1.28	cps
Cobalt	59-2	343686	343991	342679	343452	0.20	cps
Copper	63-2	1300688	1299461	1299949	1300033	0.05	cps
Dysprosium	156-1	85544	86457	88430	86810	1.70	cps
Dysprosium	156-2	26890	26814	26182	26629	1.46	cps
Erbium	164-1	68100	70140	69972	69404	1.63	cps
Erbium	164-2	23020	22896	23244	23053	0.76	cps
Gadolinium	160-1	75230	75542	75928	75567	0.46	cps
Gadolinium	160-2	30171	30461	30729	30454	0.92	cps
Holmium	165-1	7635424	7774731	7849353	7753169	1.40	cps
Holmium	165-2	2723842	2719095	2738638	2727191	0.37	cps
Indium	115-1	6074008	6083050	6115050	6090703	0.35	cps
Indium	115-2	575269	574106	575971	575115	0.16	cps
Iron	54-2	6323470	6272710	6271743	6289308	0.47	cps
Iron	56-2	116928608	117129838	117390885	117149777	0.20	cps
Iron	57-2	2985495	2935737	3013754	2978329	1.33	cps
Krypton	83-1	177	183	230	197	14.78	cps
Lead	206-1	10368955	10603179	10592103	10521412	1.26	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-03	Instrumnet Name :	P8
Client Sample ID :	MH2GX0S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:43:11	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8770983	9045057	8964293	8926778	1.58	cps
Lead	208-1	40896848	41737758	41954692	41529766	1.35	cps
Lithium	6-1	3585394	3623894	3606282	3605190	0.53	cps
Magnesium	24-2	1339456	1325891	1312375	1325907	1.02	cps
Manganese	55-2	4273580	4241825	4238112	4251172	0.46	cps
Molybdenum	94-1	28706	28566	28883	28719	0.55	cps
Molybdenum	95-1	22699	23410	23410	23173	1.77	cps
Molybdenum	96-1	28603	28379	29304	28762	1.68	cps
Molybdenum	97-1	14061	14167	14468	14232	1.48	cps
Molybdenum	98-1	35632	36114	36712	36153	1.50	cps
Neodymium	150-1	128020	128457	128437	128305	0.19	cps
Neodymium	150-2	30769	31039	31042	30950	0.51	cps
Nickel	60-2	171247	169118	168980	169782	0.75	cps
Phosphorus	31-2	5184	5518	5188	5297	3.62	cps
Potassium	39-2	405218	406655	403006	404960	0.45	cps
Rhodium	103-1	5409353	5426906	5373379	5403213	0.51	cps
Rhodium	103-2	2053882	2067450	2049747	2057026	0.45	cps
Scandium	45-1	4426365	4409552	4432092	4422670	0.26	cps
Scandium	45-2	74153	74126	74016	74098	0.10	cps
Selenium	82-1	545	582	615	581	6.04	cps
Selenium	77-2	127	93	127	116	16.66	cps
Selenium	78-2	77	83	70	77	8.69	cps
Silicon	28-1	13176246	13069627	13158796	13134890	0.44	cps
Silver	107-1	160171	162322	162608	161701	0.82	cps
Silver	109-1	153109	154266	156571	154649	1.14	cps
Sodium	23-2	174455	176298	174860	175204	0.55	cps
Strontium	86-1	1207407	1225959	1245268	1226211	1.54	cps
Strontium	88-1	10881407	11157772	11173808	11070996	1.48	cps
Sulfur	34-1	227231	228447	231250	228976	0.90	cps
Terbium	159-1	8035439	7963743	7938485	7979222	0.63	cps
Terbium	159-2	2626917	2694638	2607847	2643134	1.73	cps
Thallium	203-1	75032	75920	76765	75906	1.14	cps
Thallium	205-1	176436	180440	179548	178808	1.18	cps
Tin	118-1	199240	202544	204273	202019	1.27	cps
Titanium	47-1	329475	333295	338994	333921	1.43	cps
Uranium	238-1	104109	104473	105927	104836	0.92	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-03	Instrumnet Name :	P8
Client Sample ID :	MH2GX0S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:43:11	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	219754	220565	217374	219231	0.76	cps
Ytterbium	172-1	20910	21080	21521	21170	1.49	cps
Ytterbium	172-2	8419	8236	8266	8307	1.18	cps
Ytterbium	176-1	13751	13764	13844	13786	0.37	cps
Ytterbium	176-2	5331	5525	5471	5442	1.84	cps
Yttrium	89-1	12256464	12299029	12371445	12308980	0.47	cps
Yttrium	89-2	808697	804217	806675	806530	0.28	cps
Zinc	66-2	1149861	1144624	1147299	1147261	0.23	cps
Zirconium	90-1	41652	42154	42217	42008	0.74	cps
Zirconium	91-1	9337	9630	9377	9448	1.69	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01	Instrumnet Name :	P8
Client Sample ID :	MH2GW9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:46:21	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338964	336744	332630	336113	0.96	cps
Antimony	121-1	17391	17324	17228	17314	0.47	cps
Arsenic	75-2	5625	5705	5871	5733	2.20	cps
Barium	135-1	860162	869502	876152	868605	0.92	cps
Barium	137-1	1559651	1575179	1573171	1569334	0.54	cps
Beryllium	9-1	8717	8795	9123	8878	2.43	cps
Bismuth	209-1	4949008	4863090	4930089	4914062	0.92	cps
Bismuth	209-2	1913544	1920495	1969638	1934559	1.58	cps
Bromine	81-1	8222	8266	8396	8295	1.09	cps
Cadmium	108-1	2360	2290	2310	2320	1.55	cps
Cadmium	106-1	6835	6715	7119	6890	3.01	cps
Cadmium	111-1	34264	34583	35296	34715	1.52	cps
Calcium	43-1	3891371	3964830	3995155	3950452	1.35	cps
Calcium	44-1	62962054	63324382	63658994	63315144	0.55	cps
Carbon	12-1	1961224	2065615	2071463	2032767	3.05	cps
Carbon	12-2	14067	13720	13813	13867	1.29	cps
Chlorine	35-1	59454362	63506986	65022177	62661175	4.59	cps
Chlorine	35-2	239784	243777	243007	242190	0.87	cps
Chromium	52-2	74194	75457	75052	74901	0.86	cps
Cobalt	59-2	43382	43276	44345	43668	1.35	cps
Copper	63-2	676940	677933	679159	678011	0.16	cps
Dysprosium	156-1	59210	60225	60888	60108	1.41	cps
Dysprosium	156-2	19174	18770	18960	18968	1.07	cps
Erbium	164-1	50515	51171	51636	51108	1.10	cps
Erbium	164-2	16784	17144	17195	17041	1.31	cps
Gadolinium	160-1	54504	55689	55378	55190	1.11	cps
Gadolinium	160-2	22325	22105	22349	22260	0.60	cps
Holmium	165-1	7955656	7786981	7921127	7887921	1.13	cps
Holmium	165-2	2739635	2740319	2725615	2735190	0.30	cps
Indium	115-1	6237300	6096244	6195422	6176322	1.17	cps
Indium	115-2	574917	573719	588596	579077	1.43	cps
Iron	54-2	1784785	1809371	1781689	1791949	0.85	cps
Iron	56-2	32660311	32710592	32614838	32661914	0.15	cps
Iron	57-2	786178	790902	792808	789963	0.43	cps
Krypton	83-1	160	167	140	156	8.92	cps
Lead	206-1	8639386	8629471	8654062	8640973	0.14	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01	Instrumnet Name :	P8
Client Sample ID :	MH2GW9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:46:21	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7265075	7248444	7343621	7285713	0.70	cps
Lead	208-1	33738097	33733880	34204627	33892201	0.80	cps
Lithium	6-1	3605802	3585133	3661089	3617341	1.09	cps
Magnesium	24-2	943055	940810	931443	938436	0.66	cps
Manganese	55-2	3662674	3603002	3627822	3631166	0.83	cps
Molybdenum	94-1	23800	24068	24455	24108	1.37	cps
Molybdenum	95-1	9013	9557	9443	9338	3.07	cps
Molybdenum	96-1	13200	13387	13603	13397	1.51	cps
Molybdenum	97-1	5474	5838	5591	5635	3.29	cps
Molybdenum	98-1	14618	14584	15212	14805	2.38	cps
Neodymium	150-1	86634	86603	87882	87039	0.84	cps
Neodymium	150-2	21657	21170	21644	21491	1.29	cps
Nickel	60-2	44305	44760	44887	44651	0.69	cps
Phosphorus	31-2	3811	3804	3781	3798	0.41	cps
Potassium	39-2	257709	260284	258035	258676	0.54	cps
Rhodium	103-1	5548438	5512550	5621621	5560870	1.00	cps
Rhodium	103-2	2068836	2091235	2109216	2089762	0.97	cps
Scandium	45-1	4411840	4415025	4448147	4425004	0.45	cps
Scandium	45-2	73496	73540	74167	73734	0.51	cps
Selenium	82-1	163	130	150	148	11.26	cps
Selenium	77-2	77	120	103	100	21.86	cps
Selenium	78-2	70	40	77	62	31.39	cps
Silicon	28-1	40927561	42032888	42046762	41669070	1.54	cps
Silver	107-1	62668	63763	64138	63523	1.20	cps
Silver	109-1	59976	60274	60760	60337	0.66	cps
Sodium	23-2	98526	97419	97308	97751	0.69	cps
Strontium	86-1	1274179	1290080	1284298	1282852	0.63	cps
Strontium	88-1	11453760	11526418	11568020	11516066	0.50	cps
Sulfur	34-1	216998	219301	220716	219005	0.86	cps
Terbium	159-1	8146627	7990126	8038413	8058388	0.99	cps
Terbium	159-2	2661498	2649582	2687630	2666237	0.73	cps
Thallium	203-1	4244	4264	4371	4293	1.59	cps
Thallium	205-1	10431	10321	10518	10423	0.95	cps
Tin	118-1	86595	86903	88671	87390	1.28	cps
Titanium	47-1	238330	242150	241737	240739	0.87	cps
Uranium	238-1	80752	83462	82496	82236	1.67	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01	Instrumnet Name :	P8
Client Sample ID :	MH2GW9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:46:21	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	62760	63446	63326	63177	0.58	cps
Ytterbium	172-1	15589	15502	15903	15665	1.35	cps
Ytterbium	172-2	6458	6171	5908	6179	4.45	cps
Ytterbium	176-1	10671	10744	10938	10784	1.28	cps
Ytterbium	176-2	4144	4167	4224	4178	0.98	cps
Yttrium	89-1	12131861	12152305	12167996	12150721	0.15	cps
Yttrium	89-2	791114	789228	813914	798085	1.72	cps
Zinc	66-2	782953	786442	786875	785424	0.27	cps
Zirconium	90-1	50675	51782	51705	51387	1.20	cps
Zirconium	91-1	11278	11071	11365	11238	1.34	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-02	Instrumnet Name :	P8
Client Sample ID :	MH2GW9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:49:33	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367686	371103	371038	369942	0.53	cps
Antimony	121-1	18656	18339	18896	18631	1.50	cps
Arsenic	75-2	6185	6031	6548	6255	4.24	cps
Barium	135-1	945918	960060	969420	958466	1.23	cps
Barium	137-1	1770063	1797325	1788584	1785324	0.78	cps
Beryllium	9-1	9448	9647	9684	9593	1.32	cps
Bismuth	209-1	4851168	5271299	4887970	5003479	4.65	cps
Bismuth	209-2	1896129	1919243	1883562	1899645	0.95	cps
Bromine	81-1	8139	8666	8689	8498	3.66	cps
Cadmium	108-1	2617	2590	2597	2601	0.53	cps
Cadmium	106-1	6965	6848	7225	7013	2.75	cps
Cadmium	111-1	37601	37390	37954	37648	0.76	cps
Calcium	43-1	4187262	4314123	4326736	4276040	1.80	cps
Calcium	44-1	68071642	68712507	69055839	68613330	0.73	cps
Carbon	12-1	2025962	2082142	2104476	2070860	1.95	cps
Carbon	12-2	14013	14107	14487	14203	1.77	cps
Chlorine	35-1	64162592	67336757	69628449	67042600	4.09	cps
Chlorine	35-2	258449	260043	261201	259898	0.53	cps
Chromium	52-2	79687	80867	81004	80519	0.90	cps
Cobalt	59-2	47813	47696	46623	47377	1.39	cps
Copper	63-2	741881	739364	739142	740129	0.21	cps
Dysprosium	156-1	65020	65556	65399	65325	0.42	cps
Dysprosium	156-2	20412	21310	20396	20706	2.53	cps
Erbium	164-1	54889	55251	56496	55545	1.52	cps
Erbium	164-2	18032	18743	18349	18375	1.94	cps
Gadolinium	160-1	59408	59860	61233	60167	1.58	cps
Gadolinium	160-2	23865	24242	23798	23968	1.00	cps
Holmium	165-1	7992057	8517878	8031838	8180591	3.58	cps
Holmium	165-2	2722604	2722401	2758772	2734592	0.77	cps
Indium	115-1	6155295	6624439	6401088	6393607	3.67	cps
Indium	115-2	579297	577946	573872	577039	0.49	cps
Iron	54-2	2001341	1981751	2024286	2002459	1.06	cps
Iron	56-2	36306083	36286122	36214475	36268893	0.13	cps
Iron	57-2	872237	877741	876072	875350	0.32	cps
Krypton	83-1	147	227	190	188	21.33	cps
Lead	206-1	9229765	9199863	9335624	9255084	0.77	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-02	Instrumnet Name :	P8
Client Sample ID :	MH2GW9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:49:33	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7622285	7698399	7813884	7711523	1.25	cps
Lead	208-1	35691598	35740731	36348465	35926931	1.02	cps
Lithium	6-1	3618739	3892993	3699588	3737107	3.77	cps
Magnesium	24-2	1024672	1028280	1031317	1028090	0.32	cps
Manganese	55-2	3979123	4013659	3976153	3989645	0.52	cps
Molybdenum	94-1	26091	26469	26379	26313	0.75	cps
Molybdenum	95-1	10074	9970	10080	10041	0.61	cps
Molybdenum	96-1	14351	14511	14841	14568	1.72	cps
Molybdenum	97-1	5928	5991	6068	5996	1.17	cps
Molybdenum	98-1	15228	15319	16056	15534	2.92	cps
Neodymium	150-1	92808	93714	94929	93817	1.13	cps
Neodymium	150-2	22953	23020	23274	23082	0.73	cps
Nickel	60-2	48891	49078	48552	48840	0.55	cps
Phosphorus	31-2	4117	4141	4104	4121	0.45	cps
Potassium	39-2	281819	286969	285620	284803	0.94	cps
Rhodium	103-1	5580520	5950763	5725061	5752115	3.24	cps
Rhodium	103-2	2074310	2090167	2055400	2073292	0.84	cps
Scandium	45-1	4494588	4870199	4521998	4628928	4.52	cps
Scandium	45-2	74418	74193	74733	74448	0.36	cps
Selenium	82-1	211	98	135	148	38.90	cps
Selenium	77-2	80	77	93	83	10.58	cps
Selenium	78-2	57	80	40	59	34.12	cps
Silicon	28-1	46372901	47372628	48321991	47355840	2.06	cps
Silver	107-1	68469	68757	70666	69297	1.72	cps
Silver	109-1	65635	65548	66154	65779	0.50	cps
Sodium	23-2	105018	106535	107562	106372	1.20	cps
Strontium	86-1	1437703	1467275	1495478	1466819	1.97	cps
Strontium	88-1	12364789	12536821	12708404	12536671	1.37	cps
Sulfur	34-1	217315	219710	225173	220733	1.82	cps
Terbium	159-1	8055947	8525287	8033861	8205032	3.38	cps
Terbium	159-2	2640877	2683378	2635001	2653086	0.99	cps
Thallium	203-1	4391	4554	4738	4561	3.80	cps
Thallium	205-1	10788	11061	11105	10985	1.56	cps
Tin	118-1	88030	90647	91355	90011	1.95	cps
Titanium	47-1	256155	262922	265270	261449	1.81	cps
Uranium	238-1	88385	88676	87347	88136	0.79	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-02	Instrumnet Name :	P8
Client Sample ID :	MH2GW9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:49:33	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70141	70107	68573	69607	1.29	cps
Ytterbium	172-1	16414	17255	17348	17005	3.03	cps
Ytterbium	172-2	6565	6635	7172	6791	4.89	cps
Ytterbium	176-1	11568	11732	11262	11521	2.07	cps
Ytterbium	176-2	4371	4581	4277	4410	3.52	cps
Yttrium	89-1	12145036	13018619	12403090	12522248	3.58	cps
Yttrium	89-2	803262	805372	800113	802916	0.33	cps
Zinc	66-2	854852	856670	855584	855702	0.11	cps
Zirconium	90-1	55975	57810	58268	57351	2.12	cps
Zirconium	91-1	12569	12693	12773	12678	0.81	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GW9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:52:47	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60927	60522	61750	61066	1.02	cps
Antimony	121-1	3230	3290	3090	3204	3.20	cps
Arsenic	75-2	1000	1037	1067	1034	3.23	cps
Barium	135-1	156161	157904	161496	158521	1.72	cps
Barium	137-1	275438	277341	280060	277613	0.84	cps
Beryllium	9-1	1671	1844	1762	1759	4.91	cps
Bismuth	209-1	4582156	4757236	4735718	4691703	2.04	cps
Bismuth	209-2	1910917	1910376	1873324	1898206	1.14	cps
Bromine	81-1	5284	5224	5101	5203	1.80	cps
Cadmium	108-1	347	453	437	412	13.92	cps
Cadmium	106-1	3894	3921	3884	3899	0.49	cps
Cadmium	111-1	8231	8252	8271	8251	0.24	cps
Calcium	43-1	676960	689699	689832	685497	1.08	cps
Calcium	44-1	11273866	11359844	11524565	11386092	1.12	cps
Carbon	12-1	1630030	1659359	1647143	1645511	0.90	cps
Carbon	12-2	11051	11174	11298	11174	1.10	cps
Chlorine	35-1	13682101	13992327	13926034	13866821	1.18	cps
Chlorine	35-2	51515	50826	50223	50855	1.27	cps
Chromium	52-2	13506	14047	13947	13833	2.08	cps
Cobalt	59-2	7672	8132	7812	7872	3.00	cps
Copper	63-2	127967	127920	126433	127440	0.68	cps
Dysprosium	156-1	11188	10828	11412	11143	2.64	cps
Dysprosium	156-2	3357	3377	3434	3389	1.17	cps
Erbium	164-1	9066	8970	9607	9214	3.73	cps
Erbium	164-2	3060	3130	3117	3103	1.20	cps
Gadolinium	160-1	9967	10384	10231	10194	2.07	cps
Gadolinium	160-2	4227	4347	4087	4221	3.08	cps
Holmium	165-1	7398263	7550702	7590483	7513149	1.35	cps
Holmium	165-2	2668298	2636582	2634125	2646335	0.72	cps
Indium	115-1	5814602	5963642	6039976	5939407	1.93	cps
Indium	115-2	559146	561690	564227	561688	0.45	cps
Iron	54-2	312836	313163	310391	312130	0.49	cps
Iron	56-2	6010594	5977216	6055284	6014365	0.65	cps
Iron	57-2	144847	145756	143947	144850	0.62	cps
Krypton	83-1	67	103	107	92	24.06	cps
Lead	206-1	1485110	1516010	1511919	1504346	1.12	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GW9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:52:47	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1258880	1283455	1286956	1276430	1.20	cps
Lead	208-1	6075476	6221989	6158100	6151855	1.19	cps
Lithium	6-1	3280716	3286632	3402997	3323448	2.07	cps
Magnesium	24-2	168666	170652	169387	169569	0.59	cps
Manganese	55-2	630365	626273	626979	627872	0.35	cps
Molybdenum	94-1	4237	4464	4471	4391	3.03	cps
Molybdenum	95-1	1843	1867	1800	1837	1.84	cps
Molybdenum	96-1	2570	2620	2484	2558	2.70	cps
Molybdenum	97-1	1120	1053	1060	1078	3.41	cps
Molybdenum	98-1	2890	2754	2820	2821	2.42	cps
Neodymium	150-1	15653	15786	15996	15812	1.10	cps
Neodymium	150-2	4061	3807	3954	3941	3.23	cps
Nickel	60-2	8829	9000	8703	8844	1.68	cps
Phosphorus	31-2	750	687	667	701	6.21	cps
Potassium	39-2	49214	49300	48849	49121	0.49	cps
Rhodium	103-1	5280331	5380886	5492199	5384472	1.97	cps
Rhodium	103-2	2073459	2056656	2076745	2068954	0.52	cps
Scandium	45-1	4002293	4098009	4199171	4099824	2.40	cps
Scandium	45-2	69919	68776	69088	69261	0.85	cps
Selenium	82-1	95	22	32	50	80.28	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	10	10	23	14	53.28	cps
Silicon	28-1	7488173	7890838	7564129	7647713	2.80	cps
Silver	107-1	12095	11932	11919	11982	0.82	cps
Silver	109-1	11638	11408	11435	11494	1.10	cps
Sodium	23-2	24621	24367	24988	24659	1.27	cps
Strontium	86-1	229083	235071	233603	232585	1.34	cps
Strontium	88-1	2134688	2124531	2151621	2136947	0.64	cps
Sulfur	34-1	164526	167698	168683	166969	1.30	cps
Terbium	159-1	7618410	7736743	7662871	7672675	0.78	cps
Terbium	159-2	2604928	2578485	2562500	2581971	0.83	cps
Thallium	203-1	1040	1017	1037	1031	1.22	cps
Thallium	205-1	2610	2380	2344	2445	5.91	cps
Tin	118-1	17521	17191	17718	17477	1.52	cps
Titanium	47-1	42697	44024	43028	43249	1.60	cps
Uranium	238-1	14875	14805	15009	14897	0.69	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH2GW9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 16:52:47	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11201	11018	10951	11057	1.17	cps
Ytterbium	172-1	2907	2740	2960	2869	4.00	cps
Ytterbium	172-2	1230	1143	1187	1187	3.65	cps
Ytterbium	176-1	2614	2537	2757	2636	4.24	cps
Ytterbium	176-2	923	837	853	871	5.28	cps
Yttrium	89-1	10720592	10945999	10949617	10872069	1.21	cps
Yttrium	89-2	714075	716767	721701	717514	0.54	cps
Zinc	66-2	144531	144598	143939	144356	0.25	cps
Zirconium	90-1	8900	8729	8833	8821	0.97	cps
Zirconium	91-1	1787	2057	1837	1893	7.59	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-03	Instrumnet Name :	P8
Client Sample ID :	MH2GW9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:56:04	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341573	343399	345674	343549	0.60	cps
Antimony	121-1	136668	140469	142796	139978	2.21	cps
Arsenic	75-2	6762	6672	6478	6637	2.18	cps
Barium	135-1	1492396	1641764	1662353	1598838	5.80	cps
Barium	137-1	2751667	2770194	2864940	2795600	2.17	cps
Beryllium	9-1	32489	33147	34175	33270	2.55	cps
Bismuth	209-1	4970019	5401466	3889768	4753751	16.38	cps
Bismuth	209-2	2074057	1933848	1940544	1982816	3.99	cps
Bromine	81-1	7572	8006	8349	7976	4.88	cps
Cadmium	108-1	3307	3387	3404	3366	1.54	cps
Cadmium	106-1	8136	8456	7776	8122	4.19	cps
Cadmium	111-1	48822	50715	51227	50255	2.52	cps
Calcium	43-1	3812924	3882082	3940819	3878608	1.65	cps
Calcium	44-1	60843837	61789409	63868777	62167341	2.49	cps
Carbon	12-1	1905845	1955434	2028126	1963135	3.13	cps
Carbon	12-2	13096	13526	13560	13394	1.93	cps
Chlorine	35-1	62313737	65933199	68292611	65513182	4.60	cps
Chlorine	35-2	254083	255361	257222	255555	0.62	cps
Chromium	52-2	127172	126722	125972	126622	0.48	cps
Cobalt	59-2	290071	291498	288838	290136	0.46	cps
Copper	63-2	765890	764518	766301	765570	0.12	cps
Dysprosium	156-1	58068	59699	61035	59601	2.49	cps
Dysprosium	156-2	18653	18920	18576	18716	0.96	cps
Erbium	164-1	50295	49458	50690	50148	1.25	cps
Erbium	164-2	16567	17365	16811	16914	2.42	cps
Gadolinium	160-1	52684	54069	55886	54213	2.96	cps
Gadolinium	160-2	21444	21517	21781	21581	0.82	cps
Holmium	165-1	8116230	8735865	6147166	7666420	17.63	cps
Holmium	165-2	2949547	2844831	2747947	2847442	3.54	cps
Indium	115-1	6278989	6905175	4793085	5992416	18.10	cps
Indium	115-2	620699	586320	586723	597914	3.30	cps
Iron	54-2	1788323	1795242	1774376	1785980	0.60	cps
Iron	56-2	32740118	32451359	32812865	32668114	0.59	cps
Iron	57-2	783447	785977	788643	786023	0.33	cps
Krypton	83-1	183	183	187	184	1.04	cps
Lead	206-1	8323225	8455131	8731356	8503237	2.45	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-03	Instrumnet Name :	P8
Client Sample ID :	MH2GW9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:56:04	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6963030	6999677	7284001	7082236	2.48	cps
Lead	208-1	32524633	32792967	33860678	33059426	2.14	cps
Lithium	6-1	3644385	3886493	2999117	3509999	13.07	cps
Magnesium	24-2	920769	926658	931389	926272	0.57	cps
Manganese	55-2	3632119	3638375	3676671	3649055	0.66	cps
Molybdenum	94-1	23093	23503	24088	23561	2.12	cps
Molybdenum	95-1	8903	9460	9373	9245	3.24	cps
Molybdenum	96-1	12899	13483	13824	13402	3.49	cps
Molybdenum	97-1	5391	5504	5808	5568	3.87	cps
Molybdenum	98-1	14081	14664	15205	14650	3.84	cps
Neodymium	150-1	83904	84913	89335	86050	3.36	cps
Neodymium	150-2	20769	21711	21514	21331	2.33	cps
Nickel	60-2	110753	111321	111572	111215	0.38	cps
Phosphorus	31-2	3717	3921	4007	3882	3.84	cps
Potassium	39-2	259674	259150	260450	259758	0.25	cps
Rhodium	103-1	5664131	6152099	4369112	5395114	17.08	cps
Rhodium	103-2	2253731	2128053	2126503	2169429	3.37	cps
Scandium	45-1	4471417	4940653	3510811	4307627	16.92	cps
Scandium	45-2	80158	74917	75162	76746	3.85	cps
Selenium	82-1	533	527	450	503	9.15	cps
Selenium	77-2	90	140	130	120	22.05	cps
Selenium	78-2	70	87	57	71	21.14	cps
Silicon	28-1	39870829	40742688	41868814	40827444	2.45	cps
Silver	107-1	136363	141430	145241	141011	3.16	cps
Silver	109-1	132988	136754	138413	136052	2.04	cps
Sodium	23-2	95584	97140	96929	96551	0.87	cps
Strontium	86-1	1226714	1247949	1303097	1259253	3.13	cps
Strontium	88-1	11193300	11362462	11634054	11396605	1.95	cps
Sulfur	34-1	206859	211485	215847	211397	2.13	cps
Terbium	159-1	8249039	8976623	6358331	7861331	17.19	cps
Terbium	159-2	2842907	2701462	2639290	2727886	3.83	cps
Thallium	203-1	66620	68100	70530	68417	2.89	cps
Thallium	205-1	159173	162237	166156	162522	2.15	cps
Tin	118-1	83737	84915	85213	84621	0.92	cps
Titanium	47-1	230853	233795	240215	234954	2.04	cps
Uranium	238-1	79312	78830	81865	80002	2.04	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1177-03	Instrumnet Name :	P8
Client Sample ID :	MH2GW9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:56:04	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	163505	164850	165854	164737	0.72	cps
Ytterbium	172-1	15152	15563	15719	15478	1.89	cps
Ytterbium	172-2	6195	6222	6078	6165	1.24	cps
Ytterbium	176-1	10204	10084	10554	10281	2.38	cps
Ytterbium	176-2	3921	4114	4111	4048	2.73	cps
Yttrium	89-1	12319522	13231181	9632590	11727764	15.95	cps
Yttrium	89-2	846139	806232	814912	822427	2.55	cps
Zinc	66-2	791537	803748	798298	797861	0.77	cps
Zirconium	90-1	49323	50451	51866	50547	2.52	cps
Zirconium	91-1	10854	11335	11752	11314	3.97	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01	Instrumnet Name :	P8
Client Sample ID :	YE8C9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:59:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	555905	549531	553350	552928	0.58	cps
Antimony	121-1	11055	11251	11635	11314	2.61	cps
Arsenic	75-2	7399	7329	7515	7414	1.27	cps
Barium	135-1	402430	410102	409082	407205	1.02	cps
Barium	137-1	689512	710565	708717	702931	1.66	cps
Beryllium	9-1	2756	2930	2720	2802	4.01	cps
Bismuth	209-1	5030138	4565211	5255018	4950122	7.11	cps
Bismuth	209-2	1955278	1940628	1983753	1959886	1.12	cps
Bromine	81-1	5828	5938	5835	5867	1.05	cps
Cadmium	108-1	93	110	73	92	19.91	cps
Cadmium	106-1	3594	3304	3831	3576	7.38	cps
Cadmium	111-1	2787	2576	2913	2759	6.19	cps
Calcium	43-1	138506	142460	142228	141065	1.57	cps
Calcium	44-1	2305576	2413669	2387154	2368800	2.38	cps
Carbon	12-1	1851944	1897106	1927319	1892123	2.00	cps
Carbon	12-2	12822	12906	12776	12835	0.51	cps
Chlorine	35-1	74515582	80128372	80212534	78285496	4.17	cps
Chlorine	35-2	296757	296514	298889	297387	0.44	cps
Chromium	52-2	64561	63708	63912	64060	0.70	cps
Cobalt	59-2	67469	66263	65948	66560	1.21	cps
Copper	63-2	181776	181547	182142	181822	0.16	cps
Dysprosium	156-1	29432	29519	29436	29462	0.17	cps
Dysprosium	156-2	10444	10377	10341	10387	0.50	cps
Erbium	164-1	27786	29306	28988	28693	2.79	cps
Erbium	164-2	9360	9237	9477	9358	1.28	cps
Gadolinium	160-1	30645	31310	31063	31006	1.08	cps
Gadolinium	160-2	12793	12306	12950	12683	2.65	cps
Holmium	165-1	8212046	7427465	8514921	8051477	6.97	cps
Holmium	165-2	2811360	2800887	2814334	2808861	0.25	cps
Indium	115-1	6414393	5850288	6810291	6358324	7.59	cps
Indium	115-2	593744	590311	599232	594429	0.76	cps
Iron	54-2	3277794	3211457	3260948	3250066	1.06	cps
Iron	56-2	60314762	58910164	59934601	59719842	1.22	cps
Iron	57-2	1539045	1533048	1529058	1533717	0.33	cps
Krypton	83-1	127	120	90	112	17.41	cps
Lead	206-1	138996	143989	141574	141520	1.76	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01	Instrumnet Name :	P8
Client Sample ID :	YE8C9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:59:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	113788	115298	115580	114888	0.84	cps
Lead	208-1	535709	546751	540341	540934	1.03	cps
Lithium	6-1	3725067	3508583	4013072	3748907	6.75	cps
Magnesium	24-2	991813	982692	986893	987133	0.46	cps
Manganese	55-2	281387	278045	284452	281294	1.14	cps
Molybdenum	94-1	8846	8723	8786	8785	0.70	cps
Molybdenum	95-1	6755	6772	7069	6865	2.57	cps
Molybdenum	96-1	9210	9537	9643	9463	2.39	cps
Molybdenum	97-1	4264	4117	4091	4157	2.25	cps
Molybdenum	98-1	10681	10871	10724	10759	0.93	cps
Neodymium	150-1	29406	30251	30769	30142	2.28	cps
Neodymium	150-2	7222	7299	7385	7302	1.12	cps
Nickel	60-2	48131	48673	48335	48380	0.57	cps
Phosphorus	31-2	773	757	887	806	8.78	cps
Potassium	39-2	33332	33649	33840	33607	0.76	cps
Rhodium	103-1	5870785	5393782	6140143	5801570	6.51	cps
Rhodium	103-2	2234933	2216428	2215418	2222260	0.49	cps
Scandium	45-1	4566572	4300600	4863729	4576967	6.15	cps
Scandium	45-2	76857	76840	76964	76887	0.09	cps
Selenium	82-1	79	156	133	123	32.04	cps
Selenium	77-2	40	60	37	46	27.70	cps
Selenium	78-2	30	20	43	31	37.62	cps
Silicon	28-1	6218934	6070357	6069972	6119754	1.40	cps
Silver	107-1	3644	3364	3160	3389	7.16	cps
Silver	109-1	3377	3140	3004	3174	5.95	cps
Sodium	23-2	25896	26678	26895	26490	1.98	cps
Strontium	86-1	122605	126808	124538	124650	1.69	cps
Strontium	88-1	1059974	1094860	1080838	1078558	1.63	cps
Sulfur	34-1	172416	176349	179150	175972	1.92	cps
Terbium	159-1	8397454	7605065	8773811	8258776	7.22	cps
Terbium	159-2	2698342	2689218	2779877	2722479	1.83	cps
Thallium	203-1	1143	1247	1237	1209	4.71	cps
Thallium	205-1	2884	2917	2884	2895	0.67	cps
Tin	118-1	3734	4104	4017	3952	4.90	cps
Titanium	47-1	34381	38730	37122	36744	5.98	cps
Uranium	238-1	10131	10588	10411	10377	2.22	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01	Instrumnet Name :	P8
Client Sample ID :	YE8C9	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 16:59:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63500	62844	62760	63034	0.64	cps
Ytterbium	172-1	8363	8399	8366	8376	0.24	cps
Ytterbium	172-2	3364	3244	2970	3193	6.32	cps
Ytterbium	176-1	5945	5978	6048	5990	0.88	cps
Ytterbium	176-2	2034	2054	2194	2094	4.16	cps
Yttrium	89-1	12129789	11141488	12701274	11990851	6.58	cps
Yttrium	89-2	784122	780362	789150	784544	0.56	cps
Zinc	66-2	25606	24975	26308	25630	2.60	cps
Zirconium	90-1	13387	13613	13343	13448	1.08	cps
Zirconium	91-1	3187	3207	2980	3125	4.02	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-02	Instrumnet Name :	P8
Client Sample ID :	YE8C9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:02:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	555911	559940	553834	556562	0.56	cps
Antimony	121-1	11068	11852	11728	11549	3.65	cps
Arsenic	75-2	7479	7362	7222	7354	1.75	cps
Barium	135-1	399396	408905	412126	406809	1.63	cps
Barium	137-1	697666	712303	716134	708701	1.38	cps
Beryllium	9-1	2657	2711	2746	2705	1.65	cps
Bismuth	209-1	4974514	5079449	5014776	5022913	1.05	cps
Bismuth	209-2	1950258	1988372	1978146	1972259	1.00	cps
Bromine	81-1	5421	5721	6031	5725	5.33	cps
Cadmium	108-1	97	53	97	82	30.43	cps
Cadmium	106-1	3474	3731	3497	3567	3.98	cps
Cadmium	111-1	2691	2871	2740	2767	3.36	cps
Calcium	43-1	161036	156857	149584	155826	3.72	cps
Calcium	44-1	2718134	2627304	2532002	2625813	3.54	cps
Carbon	12-1	1827570	1935042	1929772	1897462	3.19	cps
Carbon	12-2	12465	13009	13069	12848	2.59	cps
Chlorine	35-1	73595991	77985509	79904315	77161938	4.19	cps
Chlorine	35-2	290570	292570	295080	292740	0.77	cps
Chromium	52-2	63865	64843	65455	64721	1.24	cps
Cobalt	59-2	70969	70925	71522	71138	0.47	cps
Copper	63-2	178057	178985	178583	178542	0.26	cps
Dysprosium	156-1	28841	29456	29833	29377	1.70	cps
Dysprosium	156-2	10764	10077	10451	10431	3.30	cps
Erbium	164-1	28093	28597	29159	28616	1.86	cps
Erbium	164-2	9287	9477	9440	9401	1.07	cps
Gadolinium	160-1	30044	31106	30542	30564	1.74	cps
Gadolinium	160-2	12639	12129	12236	12335	2.18	cps
Holmium	165-1	8076633	8069268	8007852	8051251	0.47	cps
Holmium	165-2	2764369	2757682	2799298	2773783	0.81	cps
Indium	115-1	6481579	6351035	6459984	6430866	1.09	cps
Indium	115-2	590219	592660	589323	590734	0.29	cps
Iron	54-2	3237114	3241979	3247335	3242143	0.16	cps
Iron	56-2	59662112	59776842	59906836	59781930	0.20	cps
Iron	57-2	1528452	1515079	1550401	1531311	1.16	cps
Krypton	83-1	100	140	140	127	18.23	cps
Lead	206-1	144232	145217	143700	144383	0.53	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-02	Instrumnet Name :	P8
Client Sample ID :	YE8C9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:02:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	116135	116835	118180	117050	0.89	cps
Lead	208-1	548565	555431	557906	553967	0.87	cps
Lithium	6-1	3749231	3773186	3835807	3786075	1.18	cps
Magnesium	24-2	1003344	998065	994251	998553	0.46	cps
Manganese	55-2	292487	294175	291891	292851	0.40	cps
Molybdenum	94-1	9120	8870	9180	9056	1.82	cps
Molybdenum	95-1	6798	6795	6702	6765	0.81	cps
Molybdenum	96-1	8870	9460	9837	9389	5.19	cps
Molybdenum	97-1	4131	4344	4511	4329	4.40	cps
Molybdenum	98-1	10734	11078	10864	10892	1.59	cps
Neodymium	150-1	29770	30992	30531	30431	2.03	cps
Neodymium	150-2	7259	7349	7209	7272	0.98	cps
Nickel	60-2	48954	49181	48489	48875	0.72	cps
Phosphorus	31-2	917	817	907	880	6.26	cps
Potassium	39-2	35544	34648	34658	34950	1.47	cps
Rhodium	103-1	5820820	5879161	5863225	5854402	0.52	cps
Rhodium	103-2	2187466	2210481	2179642	2192529	0.73	cps
Scandium	45-1	4561491	4585028	4681741	4609420	1.38	cps
Scandium	45-2	76787	75949	76556	76430	0.57	cps
Selenium	82-1	133	59	93	95	38.66	cps
Selenium	77-2	30	27	50	36	35.49	cps
Selenium	78-2	13	20	27	20	33.35	cps
Silicon	28-1	5837917	6040446	6018605	5965656	1.86	cps
Silver	107-1	2864	2907	2814	2861	1.63	cps
Silver	109-1	2630	2544	2627	2600	1.89	cps
Sodium	23-2	25369	25345	26584	25766	2.75	cps
Strontium	86-1	123065	125005	126382	124818	1.33	cps
Strontium	88-1	1059263	1087923	1085366	1077517	1.47	cps
Sulfur	34-1	177419	180891	183962	180757	1.81	cps
Terbium	159-1	8354915	8245540	8385758	8328737	0.88	cps
Terbium	159-2	2706682	2708780	2693981	2703147	0.30	cps
Thallium	203-1	1193	1237	1263	1231	2.87	cps
Thallium	205-1	2657	2874	2920	2817	4.99	cps
Tin	118-1	4087	4214	4277	4193	2.31	cps
Titanium	47-1	35628	41664	36283	37858	8.75	cps
Uranium	238-1	10531	10538	10725	10598	1.04	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-02	Instrumnet Name :	P8
Client Sample ID :	YE8C9D	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:02:35	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63584	64159	64685	64143	0.86	cps
Ytterbium	172-1	8173	8036	7996	8068	1.15	cps
Ytterbium	172-2	3157	3207	3097	3154	1.75	cps
Ytterbium	176-1	6202	5811	5978	5997	3.26	cps
Ytterbium	176-2	2244	2204	2117	2188	2.96	cps
Yttrium	89-1	12110366	11908478	12242896	12087246	1.39	cps
Yttrium	89-2	773626	784383	783729	780579	0.77	cps
Zinc	66-2	25653	25890	24915	25486	2.00	cps
Zirconium	90-1	13760	13720	13914	13798	0.74	cps
Zirconium	91-1	2884	3210	3595	3230	11.02	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01LX5	Instrumnet Name :	P8
Client Sample ID :	YE8C9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 17:05:55	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101970	101893	100567	101477	0.78	cps
Antimony	121-1	2184	2174	2150	2169	0.79	cps
Arsenic	75-2	1433	1397	1347	1392	3.13	cps
Barium	135-1	75314	75666	75804	75595	0.33	cps
Barium	137-1	131357	132464	131400	131740	0.48	cps
Beryllium	9-1	655	662	606	641	4.76	cps
Bismuth	209-1	4773752	4875794	4787531	4812359	1.15	cps
Bismuth	209-2	2169598	1944629	1920764	2011664	6.82	cps
Bromine	81-1	4811	4601	4554	4655	2.94	cps
Cadmium	108-1	20	30	23	24	20.83	cps
Cadmium	106-1	3360	3377	3324	3354	0.81	cps
Cadmium	111-1	2435	2433	2397	2422	0.88	cps
Calcium	43-1	26257	26899	26227	26461	1.43	cps
Calcium	44-1	422095	425626	427564	425095	0.65	cps
Carbon	12-1	1653511	1656311	1660185	1656669	0.20	cps
Carbon	12-2	10998	11088	10917	11001	0.77	cps
Chlorine	35-1	16637004	16821663	17013498	16824055	1.12	cps
Chlorine	35-2	61423	60750	60472	60882	0.80	cps
Chromium	52-2	12049	12142	12152	12114	0.47	cps
Cobalt	59-2	12866	12482	12556	12635	1.61	cps
Copper	63-2	35675	35297	35878	35617	0.83	cps
Dysprosium	156-1	5545	5304	5338	5396	2.41	cps
Dysprosium	156-2	1923	2064	1730	1906	8.78	cps
Erbium	164-1	5268	5445	5298	5337	1.77	cps
Erbium	164-2	1847	1860	1770	1826	2.66	cps
Gadolinium	160-1	5808	5821	5715	5781	1.01	cps
Gadolinium	160-2	2404	2207	2420	2344	5.06	cps
Holmium	165-1	7760681	7706703	7843090	7770158	0.88	cps
Holmium	165-2	2973449	2655220	2717728	2782132	6.06	cps
Indium	115-1	6101942	6125336	6097115	6108131	0.25	cps
Indium	115-2	630000	567099	572324	589808	5.92	cps
Iron	54-2	568335	572277	574322	571645	0.53	cps
Iron	56-2	10955911	10898125	11010145	10954727	0.51	cps
Iron	57-2	260021	264538	264776	263111	1.02	cps
Krypton	83-1	67	47	100	71	37.88	cps
Lead	206-1	26567	27145	27596	27103	1.90	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01LX5	Instrumnet Name :	P8
Client Sample ID :	YE8C9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 17:05:55	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21962	22253	21792	22002	1.06	cps
Lead	208-1	103398	104421	103945	103921	0.49	cps
Lithium	6-1	3486579	3449603	3431177	3455786	0.82	cps
Magnesium	24-2	179011	181346	178853	179737	0.78	cps
Manganese	55-2	51456	52432	52004	51964	0.94	cps
Molybdenum	94-1	1810	1893	1730	1811	4.51	cps
Molybdenum	95-1	1317	1267	1320	1301	2.30	cps
Molybdenum	96-1	1723	1940	1920	1861	6.43	cps
Molybdenum	97-1	817	980	950	916	9.50	cps
Molybdenum	98-1	2074	2317	2174	2188	5.59	cps
Neodymium	150-1	5645	5728	5841	5738	1.72	cps
Neodymium	150-2	1510	1290	1380	1393	7.94	cps
Nickel	60-2	9487	9483	9927	9632	2.65	cps
Phosphorus	31-2	180	170	173	174	2.92	cps
Potassium	39-2	8419	8686	8566	8557	1.56	cps
Rhodium	103-1	5635246	5681510	5616790	5644515	0.59	cps
Rhodium	103-2	2373345	2125801	2129199	2209448	6.42	cps
Scandium	45-1	4234230	4238862	4281934	4251675	0.62	cps
Scandium	45-2	78223	70837	69406	72822	6.50	cps
Selenium	82-1	47	67	4	39	82.05	cps
Selenium	77-2	30	0	3	11	148.01	cps
Selenium	78-2	7	10	7	8	24.71	cps
Silicon	28-1	1263855	1292877	1424898	1327210	6.47	cps
Silver	107-1	657	733	653	681	6.64	cps
Silver	109-1	597	537	660	598	10.32	cps
Sodium	23-2	12642	12752	12742	12712	0.48	cps
Strontium	86-1	23199	23126	23466	23264	0.77	cps
Strontium	88-1	197872	202182	200171	200075	1.08	cps
Sulfur	34-1	166751	165914	164670	165779	0.63	cps
Terbium	159-1	7894042	7875239	7948186	7905822	0.48	cps
Terbium	159-2	2942836	2612993	2622446	2726092	6.89	cps
Thallium	203-1	433	410	380	408	6.56	cps
Thallium	205-1	990	940	1053	994	5.71	cps
Tin	118-1	2534	2430	2467	2477	2.12	cps
Titanium	47-1	6618	6415	6488	6507	1.58	cps
Uranium	238-1	1823	2134	1890	1949	8.37	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-01LX5	Instrumnet Name :	P8
Client Sample ID :	YE8C9L	Dilution Factor :	5
Date & Time Acquired :	2025-01-31 17:05:55	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11568	11475	11665	11569	0.82	cps
Ytterbium	172-1	1487	1603	1477	1522	4.63	cps
Ytterbium	172-2	590	600	647	612	4.94	cps
Ytterbium	176-1	1893	2010	1887	1930	3.59	cps
Ytterbium	176-2	500	513	517	510	1.73	cps
Yttrium	89-1	11056096	11071292	11067461	11064950	0.07	cps
Yttrium	89-2	802000	720029	724047	748692	6.17	cps
Zinc	66-2	4914	5038	4721	4891	3.26	cps
Zirconium	90-1	2607	2740	2917	2755	5.65	cps
Zirconium	91-1	687	687	613	662	6.39	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-03	Instrumnet Name :	P8
Client Sample ID :	YE8C9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:09:15	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	527092	526666	529197	527652	0.26	cps
Antimony	121-1	6785	6665	6632	6694	1.21	cps
Arsenic	75-2	5651	5561	5678	5630	1.09	cps
Barium	135-1	398613	403518	403502	401878	0.70	cps
Barium	137-1	690972	699822	701084	697293	0.79	cps
Beryllium	9-1	2334	2357	2372	2354	0.83	cps
Bismuth	209-1	4921939	4989817	5179420	5030392	2.65	cps
Bismuth	209-2	1975771	1961032	1991886	1976230	0.78	cps
Bromine	81-1	5801	5938	5925	5888	1.28	cps
Cadmium	108-1	280	180	193	218	24.93	cps
Cadmium	106-1	3427	3437	3767	3544	5.46	cps
Cadmium	111-1	2843	2827	3142	2937	6.04	cps
Calcium	43-1	162395	167149	166650	165398	1.58	cps
Calcium	44-1	2591310	2636471	2624581	2617454	0.89	cps
Carbon	12-1	2022823	2054812	2143444	2073693	3.01	cps
Carbon	12-2	13947	13790	14027	13921	0.87	cps
Chlorine	35-1	65589406	69621852	71898466	69036575	4.63	cps
Chlorine	35-2	267257	267911	269709	268292	0.47	cps
Chromium	52-2	58492	57592	58017	58034	0.78	cps
Cobalt	59-2	124259	123859	124098	124072	0.16	cps
Copper	63-2	156552	157711	157724	157329	0.43	cps
Dysprosium	156-1	27208	27027	26329	26855	1.73	cps
Dysprosium	156-2	9217	9443	9480	9380	1.52	cps
Erbium	164-1	24933	25695	25942	25523	2.06	cps
Erbium	164-2	8223	8353	8446	8340	1.35	cps
Gadolinium	160-1	27418	27816	27598	27611	0.72	cps
Gadolinium	160-2	10988	11148	11055	11064	0.73	cps
Holmium	165-1	7974022	7965224	8293444	8077563	2.32	cps
Holmium	165-2	2816662	2861695	2758753	2812370	1.83	cps
Indium	115-1	6172580	6275157	6476139	6307959	2.45	cps
Indium	115-2	595435	590544	591719	592566	0.43	cps
Iron	54-2	2864189	2853698	2870101	2862663	0.29	cps
Iron	56-2	52583726	52588301	52906703	52692910	0.35	cps
Iron	57-2	1262043	1267065	1274708	1267938	0.50	cps
Krypton	83-1	123	130	100	118	13.38	cps
Lead	206-1	144007	147009	145546	145521	1.03	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-03	Instrumnet Name :	P8
Client Sample ID :	YE8C9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:09:15	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	119993	120541	121890	120808	0.81	cps
Lead	208-1	558027	568049	566282	564120	0.95	cps
Lithium	6-1	3625135	3668027	3809265	3700809	2.60	cps
Magnesium	24-2	965550	965249	975405	968734	0.60	cps
Manganese	55-2	502193	507260	508521	505991	0.66	cps
Molybdenum	94-1	262935	265984	267266	265395	0.84	cps
Molybdenum	95-1	456989	462580	463591	461054	0.77	cps
Molybdenum	96-1	482934	489582	495200	489239	1.26	cps
Molybdenum	97-1	282371	288147	284841	285120	1.02	cps
Molybdenum	98-1	727144	738692	737106	734314	0.85	cps
Neodymium	150-1	27418	27789	28280	27829	1.55	cps
Neodymium	150-2	6592	6408	6732	6577	2.47	cps
Nickel	60-2	52450	53169	53701	53106	1.18	cps
Phosphorus	31-2	767	737	640	714	9.27	cps
Potassium	39-2	35972	36964	36657	36531	1.39	cps
Rhodium	103-1	5691068	5735193	5922922	5783061	2.13	cps
Rhodium	103-2	2187163	2177016	2219700	2194626	1.02	cps
Scandium	45-1	4443361	4574277	4671173	4562937	2.51	cps
Scandium	45-2	76646	76552	76217	76472	0.29	cps
Selenium	82-1	25	32	105	54	81.88	cps
Selenium	77-2	33	43	23	33	30.00	cps
Selenium	78-2	33	20	53	36	47.19	cps
Silicon	28-1	16756776	17113598	17050834	16973736	1.12	cps
Silver	107-1	2830	2627	2810	2756	4.07	cps
Silver	109-1	2444	2650	2684	2592	5.02	cps
Sodium	23-2	34678	35410	36075	35387	1.97	cps
Strontium	86-1	9512148	9652101	9681829	9615359	0.94	cps
Strontium	88-1	82113722	83535799	82515380	82721634	0.89	cps
Sulfur	34-1	174318	177280	180300	177300	1.69	cps
Terbium	159-1	8029364	8145539	8434353	8203086	2.54	cps
Terbium	159-2	2691353	2699145	2703780	2698093	0.23	cps
Thallium	203-1	1313	1177	1040	1177	11.62	cps
Thallium	205-1	2744	2747	2984	2825	4.87	cps
Tin	118-1	3637	3500	3484	3541	2.38	cps
Titanium	47-1	29043	35855	33051	32650	10.49	cps
Uranium	238-1	9450	9710	9617	9593	1.37	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1159-03	Instrumnet Name :	P8
Client Sample ID :	YE8C9S	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:09:15	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	55668	55202	56605	55825	1.28	cps
Ytterbium	172-1	7065	7199	7269	7178	1.44	cps
Ytterbium	172-2	2720	2834	2740	2765	2.19	cps
Ytterbium	176-1	5124	5384	5154	5221	2.73	cps
Ytterbium	176-2	1923	1843	1893	1887	2.14	cps
Yttrium	89-1	11603090	11784830	12307368	11898429	3.07	cps
Yttrium	89-2	779408	776758	777770	777979	0.17	cps
Zinc	66-2	25389	24822	24972	25061	1.17	cps
Zirconium	90-1	9880	9994	9914	9929	0.59	cps
Zirconium	91-1	2144	2951	2280	2458	17.59	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-04	Instrumnet Name :	P8
Client Sample ID :	MH2GZ1	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:12:33	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	527539	526334	525777	526550	0.17	cps
Antimony	121-1	10144	10037	10224	10135	0.92	cps
Arsenic	75-2	2677	2644	2824	2715	3.53	cps
Barium	135-1	1050745	1069817	1081973	1067512	1.47	cps
Barium	137-1	1914225	1970156	1982871	1955751	1.87	cps
Beryllium	9-1	4830	4966	4958	4918	1.55	cps
Bismuth	209-1	4781530	4908844	4894596	4861657	1.43	cps
Bismuth	209-2	1875469	1896041	1917301	1896270	1.10	cps
Bromine	81-1	11555	12089	12332	11992	3.32	cps
Cadmium	108-1	537	510	467	504	7.00	cps
Cadmium	106-1	4174	4267	4678	4373	6.12	cps
Cadmium	111-1	8831	8541	9122	8832	3.29	cps
Calcium	43-1	4315715	4446403	4495809	4419309	2.11	cps
Calcium	44-1	69718192	70734761	72374944	70942632	1.89	cps
Carbon	12-1	2261025	2347856	2409438	2339440	3.19	cps
Carbon	12-2	16262	15378	16179	15940	3.06	cps
Chlorine	35-1	70293574	74839437	77484507	74205839	4.90	cps
Chlorine	35-2	279888	286464	284340	283564	1.18	cps
Chromium	52-2	36988	36968	36894	36950	0.13	cps
Cobalt	59-2	50512	50104	49656	50091	0.85	cps
Copper	63-2	173952	172538	174433	173641	0.57	cps
Dysprosium	156-1	82801	85185	85334	84440	1.68	cps
Dysprosium	156-2	25514	25615	25812	25647	0.59	cps
Erbium	164-1	67416	68321	68254	67997	0.74	cps
Erbium	164-2	21714	21885	22366	21988	1.54	cps
Gadolinium	160-1	73132	74212	74952	74099	1.24	cps
Gadolinium	160-2	30107	29569	29777	29818	0.91	cps
Holmium	165-1	8112741	8282737	8236253	8210577	1.07	cps
Holmium	165-2	2802642	2876731	2865925	2848433	1.41	cps
Indium	115-1	6311542	6394948	6489245	6398578	1.39	cps
Indium	115-2	582413	596127	601098	593213	1.63	cps
Iron	54-2	2558760	2540820	2567587	2555722	0.53	cps
Iron	56-2	46602229	46122219	46302858	46342435	0.52	cps
Iron	57-2	1123363	1119489	1120163	1121005	0.18	cps
Krypton	83-1	197	213	193	201	5.33	cps
Lead	206-1	1120247	1137611	1153025	1136961	1.44	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-04	Instrumnet Name :	P8
Client Sample ID :	MH2GZ1	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:12:33	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	935473	952757	963869	950700	1.51	cps
Lead	208-1	4523226	4584713	4685395	4597778	1.78	cps
Lithium	6-1	3751536	3782326	3907892	3813918	2.17	cps
Magnesium	24-2	1279838	1292532	1268035	1280135	0.96	cps
Manganese	55-2	698722	695007	694330	696019	0.34	cps
Molybdenum	94-1	18840	19097	18883	18940	0.73	cps
Molybdenum	95-1	18122	18295	18275	18231	0.52	cps
Molybdenum	96-1	21373	21680	21981	21678	1.40	cps
Molybdenum	97-1	10988	11288	10971	11082	1.61	cps
Molybdenum	98-1	28339	28964	28987	28763	1.28	cps
Neodymium	150-1	127145	130184	131857	129729	1.84	cps
Neodymium	150-2	30755	31343	30424	30841	1.51	cps
Nickel	60-2	61311	61566	61924	61600	0.50	cps
Phosphorus	31-2	5058	5031	5094	5061	0.63	cps
Potassium	39-2	282274	282166	281893	282111	0.07	cps
Rhodium	103-1	5688409	5740476	5747150	5725345	0.56	cps
Rhodium	103-2	2129059	2198296	2187518	2171624	1.72	cps
Scandium	45-1	4595413	4674625	4734792	4668277	1.50	cps
Scandium	45-2	75118	77142	78888	77049	2.45	cps
Selenium	82-1	188	158	241	196	21.59	cps
Selenium	77-2	137	110	117	121	11.46	cps
Selenium	78-2	73	67	70	70	4.76	cps
Silicon	28-1	6905732	6803920	6776827	6828826	1.00	cps
Silver	107-1	8019	7952	7882	7951	0.86	cps
Silver	109-1	7242	7962	7682	7629	4.76	cps
Sodium	23-2	140687	141848	140067	140867	0.64	cps
Strontium	86-1	966494	991371	992857	983574	1.51	cps
Strontium	88-1	8784556	8883397	8913184	8860379	0.76	cps
Sulfur	34-1	244093	249805	254905	249601	2.17	cps
Terbium	159-1	8186809	8506285	8359829	8350974	1.92	cps
Terbium	159-2	2665823	2773599	2764347	2734590	2.18	cps
Thallium	203-1	4904	5138	5238	5093	3.36	cps
Thallium	205-1	11879	12069	11866	11938	0.95	cps
Tin	118-1	37391	38748	38848	38329	2.12	cps
Titanium	47-1	223765	231098	233374	229412	2.19	cps
Uranium	238-1	89080	89845	88613	89179	0.70	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-04	Instrumnet Name :	P8
Client Sample ID :	MH2GZ1	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:12:33	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	111614	111668	111164	111482	0.25	cps
Ytterbium	172-1	19414	19872	19277	19521	1.59	cps
Ytterbium	172-2	7499	7562	7782	7614	1.95	cps
Ytterbium	176-1	12519	13147	13197	12954	2.91	cps
Ytterbium	176-2	4941	4908	4968	4939	0.61	cps
Yttrium	89-1	12756124	12869921	13133057	12919701	1.50	cps
Yttrium	89-2	830266	843803	849593	841221	1.18	cps
Zinc	66-2	112915	113375	113675	113322	0.34	cps
Zirconium	90-1	23129	23496	24074	23567	2.02	cps
Zirconium	91-1	4888	5478	4888	5084	6.70	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-05	Instrumnet Name :	P8
Client Sample ID :	MH2GZ2	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:15:48	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575537	576079	581247	577621	0.55	cps
Antimony	121-1	26960	28166	27257	27461	2.29	cps
Arsenic	75-2	5338	5058	5011	5135	3.44	cps
Barium	135-1	1222760	1252843	1250714	1242105	1.35	cps
Barium	137-1	2241119	2301348	2319964	2287477	1.80	cps
Beryllium	9-1	9907	9952	9837	9899	0.59	cps
Bismuth	209-1	4865240	4948265	4937770	4917092	0.92	cps
Bismuth	209-2	1874882	1873489	1883946	1877439	0.30	cps
Bromine	81-1	7635	7439	7829	7634	2.56	cps
Cadmium	108-1	2277	2374	2230	2294	3.19	cps
Cadmium	106-1	6438	7035	6828	6767	4.48	cps
Cadmium	111-1	22050	22567	22602	22406	1.38	cps
Calcium	43-1	4583572	4669547	4744794	4665971	1.73	cps
Calcium	44-1	73760106	75852604	75622304	75078338	1.53	cps
Carbon	12-1	3077865	3165324	3208075	3150421	2.11	cps
Carbon	12-2	21189	21676	21756	21540	1.43	cps
Chlorine	35-1	71280439	74950639	77000449	74410509	3.89	cps
Chlorine	35-2	279933	281268	283856	281686	0.71	cps
Chromium	52-2	284141	287074	285599	285605	0.51	cps
Cobalt	59-2	65409	64981	65614	65334	0.49	cps
Copper	63-2	598175	602732	606184	602364	0.67	cps
Dysprosium	156-1	79163	80654	80591	80136	1.05	cps
Dysprosium	156-2	22876	24058	23638	23524	2.55	cps
Erbium	164-1	61652	61612	62720	61995	1.01	cps
Erbium	164-2	20179	20222	19948	20116	0.73	cps
Gadolinium	160-1	66722	68937	69456	68372	2.12	cps
Gadolinium	160-2	27004	27188	28009	27400	1.95	cps
Holmium	165-1	8358552	8253884	8182550	8264996	1.07	cps
Holmium	165-2	2831550	2830035	2811323	2824303	0.40	cps
Indium	115-1	6325099	6403604	6451329	6393344	1.00	cps
Indium	115-2	590667	588801	592801	590756	0.34	cps
Iron	54-2	5880008	5719520	5801024	5800184	1.38	cps
Iron	56-2	106200278	106889215	106457622	106515705	0.33	cps
Iron	57-2	2702123	2723542	2776019	2733895	1.39	cps
Krypton	83-1	207	213	187	202	6.86	cps
Lead	206-1	5851659	5802989	5944593	5866414	1.23	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-05	Instrumnet Name :	P8
Client Sample ID :	MH2GZ2	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:15:48	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4964917	4904481	4911989	4927129	0.67	cps
Lead	208-1	22576206	22522989	22877174	22658790	0.84	cps
Lithium	6-1	3786499	3776420	3791121	3784680	0.20	cps
Magnesium	24-2	3903656	3924926	4014175	3947586	1.49	cps
Manganese	55-2	3473499	3513170	3563663	3516777	1.28	cps
Molybdenum	94-1	46544	47799	48002	47448	1.66	cps
Molybdenum	95-1	29595	30123	30477	30065	1.48	cps
Molybdenum	96-1	38410	39389	39188	38996	1.33	cps
Molybdenum	97-1	18179	18980	18936	18698	2.41	cps
Molybdenum	98-1	47056	48136	48632	47941	1.68	cps
Neodymium	150-1	118907	119368	120035	119437	0.47	cps
Neodymium	150-2	28617	29048	28647	28771	0.84	cps
Nickel	60-2	71974	71991	72855	72273	0.70	cps
Phosphorus	31-2	5424	5021	5544	5330	5.15	cps
Potassium	39-2	331972	333133	334144	333083	0.33	cps
Rhodium	103-1	5701756	5771481	5768683	5747306	0.69	cps
Rhodium	103-2	2138670	2177209	2156993	2157624	0.89	cps
Scandium	45-1	4683579	4747971	4751339	4727630	0.81	cps
Scandium	45-2	78322	78070	78221	78205	0.16	cps
Selenium	82-1	116	233	270	206	38.84	cps
Selenium	77-2	113	60	113	96	32.22	cps
Selenium	78-2	67	43	43	51	26.37	cps
Silicon	28-1	55789003	56511062	57239604	56513223	1.28	cps
Silver	107-1	27477	27524	28028	27677	1.10	cps
Silver	109-1	25417	26516	27144	26359	3.32	cps
Sodium	23-2	153110	152113	155626	153617	1.18	cps
Strontium	86-1	1268687	1283662	1289623	1280657	0.84	cps
Strontium	88-1	11491324	11624875	11753904	11623368	1.13	cps
Sulfur	34-1	242144	246357	249639	246047	1.53	cps
Terbium	159-1	8377037	8460536	8506248	8447940	0.78	cps
Terbium	159-2	2734492	2733762	2766628	2744961	0.68	cps
Thallium	203-1	4204	4184	3921	4103	3.86	cps
Thallium	205-1	9640	9680	9754	9691	0.59	cps
Tin	118-1	144260	145092	148606	145986	1.58	cps
Titanium	47-1	512250	521436	526958	520214	1.43	cps
Uranium	238-1	113018	114413	113182	113538	0.67	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-05	Instrumnet Name :	P8
Client Sample ID :	MH2GZ2	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:15:48	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	118918	120283	121040	120080	0.90	cps
Ytterbium	172-1	18727	18576	18700	18668	0.43	cps
Ytterbium	172-2	7362	7205	7239	7269	1.14	cps
Ytterbium	176-1	12373	12686	13006	12688	2.50	cps
Ytterbium	176-2	4844	4621	4948	4804	3.48	cps
Yttrium	89-1	12922503	12797341	12927091	12882312	0.57	cps
Yttrium	89-2	837167	831844	842819	837277	0.66	cps
Zinc	66-2	749732	750650	752849	751077	0.21	cps
Zirconium	90-1	81295	83320	81596	82071	1.33	cps
Zirconium	91-1	18586	18576	18773	18645	0.60	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-06	Instrumnet Name :	P8
Client Sample ID :	MH2GZ3	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:18:59	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	576901	581399	575112	577804	0.56	cps
Antimony	121-1	30217	31419	30975	30870	1.97	cps
Arsenic	75-2	8152	8453	8413	8339	1.95	cps
Barium	135-1	1892525	1936971	1955498	1928331	1.68	cps
Barium	137-1	3280888	3332631	3315507	3309675	0.80	cps
Beryllium	9-1	9648	9852	9823	9775	1.13	cps
Bismuth	209-1	5064888	5053044	5055800	5057911	0.12	cps
Bismuth	209-2	1925767	2024485	1978866	1976372	2.50	cps
Bromine	81-1	8716	8769	8810	8765	0.53	cps
Cadmium	108-1	3417	3444	3350	3404	1.41	cps
Cadmium	106-1	8593	8366	8633	8530	1.69	cps
Cadmium	111-1	48740	49756	50209	49569	1.52	cps
Calcium	43-1	6376716	6481981	6553038	6470579	1.37	cps
Calcium	44-1	102983512	105009285	105605298	104532698	1.31	cps
Carbon	12-1	2472408	2603427	2641024	2572287	3.44	cps
Carbon	12-2	17701	17247	17587	17512	1.35	cps
Chlorine	35-1	77690556	81456840	83002735	80716710	3.39	cps
Chlorine	35-2	305918	302174	307683	305258	0.92	cps
Chromium	52-2	77746	78044	77143	77644	0.59	cps
Cobalt	59-2	92941	91629	93296	92622	0.95	cps
Copper	63-2	1350033	1337569	1344295	1343966	0.46	cps
Dysprosium	156-1	82922	85967	86206	85031	2.15	cps
Dysprosium	156-2	26176	25648	26423	26082	1.52	cps
Erbium	164-1	68917	70489	70606	70004	1.35	cps
Erbium	164-2	23454	22559	23073	23029	1.95	cps
Gadolinium	160-1	74838	77007	77030	76292	1.65	cps
Gadolinium	160-2	29710	29954	30214	29959	0.84	cps
Holmium	165-1	8421254	8276456	8385991	8361234	0.90	cps
Holmium	165-2	2828724	2968018	2858057	2884933	2.55	cps
Indium	115-1	6684376	6512571	6533184	6576710	1.43	cps
Indium	115-2	592214	633513	612646	612791	3.37	cps
Iron	54-2	6045932	6048642	6078768	6057781	0.30	cps
Iron	56-2	111963852	109576485	110785168	110775168	1.08	cps
Iron	57-2	2880765	2815559	2854631	2850318	1.15	cps
Krypton	83-1	170	177	227	191	16.21	cps
Lead	206-1	9664277	9752411	9921793	9779494	1.34	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-06	Instrumnet Name :	P8
Client Sample ID :	MH2GZ3	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:18:59	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7996574	8303074	8277183	8192277	2.07	cps
Lead	208-1	37302767	38672299	38541480	38172182	1.98	cps
Lithium	6-1	3843038	3766404	3799676	3803039	1.01	cps
Magnesium	24-2	1924727	1944238	1901659	1923542	1.11	cps
Manganese	55-2	4137600	4052571	4073868	4088013	1.08	cps
Molybdenum	94-1	34867	35171	35679	35239	1.16	cps
Molybdenum	95-1	21867	22562	22969	22466	2.48	cps
Molybdenum	96-1	28583	29024	29718	29108	1.97	cps
Molybdenum	97-1	13266	13860	14197	13775	3.42	cps
Molybdenum	98-1	34392	35338	35783	35171	2.02	cps
Neodymium	150-1	122039	123992	124696	123576	1.11	cps
Neodymium	150-2	30060	29793	29693	29849	0.64	cps
Nickel	60-2	86189	85703	85685	85859	0.33	cps
Phosphorus	31-2	5071	4898	5074	5014	2.02	cps
Potassium	39-2	328639	328268	328590	328499	0.06	cps
Rhodium	103-1	5912912	5772245	5798523	5827893	1.28	cps
Rhodium	103-2	2133644	2266171	2182337	2194051	3.06	cps
Scandium	45-1	4908486	4821400	4836768	4855552	0.96	cps
Scandium	45-2	78024	83722	80969	80905	3.52	cps
Selenium	82-1	302	219	179	233	26.82	cps
Selenium	77-2	127	123	103	118	10.72	cps
Selenium	78-2	70	113	60	81	34.96	cps
Silicon	28-1	13583565	13960699	14034749	13859671	1.75	cps
Silver	107-1	85171	87384	86747	86434	1.32	cps
Silver	109-1	81995	83373	84249	83206	1.37	cps
Sodium	23-2	122916	122676	123695	123096	0.43	cps
Strontium	86-1	2007182	2068212	2047621	2041005	1.52	cps
Strontium	88-1	17135500	17578674	17734470	17482881	1.78	cps
Sulfur	34-1	230403	233272	236395	233357	1.28	cps
Terbium	159-1	8635914	8397399	8478089	8503800	1.43	cps
Terbium	159-2	2702466	2899350	2835881	2812566	3.57	cps
Thallium	203-1	8870	9097	9133	9033	1.58	cps
Thallium	205-1	21248	21388	21608	21414	0.85	cps
Tin	118-1	207206	210357	213055	210206	1.39	cps
Titanium	47-1	351499	361823	361714	358345	1.65	cps
Uranium	238-1	103347	105161	106885	105131	1.68	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-06	Instrumnet Name :	P8
Client Sample ID :	MH2GZ3	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:18:59	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	119490	118559	119544	119197	0.46	cps
Ytterbium	172-1	20947	21354	21528	21276	1.40	cps
Ytterbium	172-2	8406	8429	8546	8461	0.89	cps
Ytterbium	176-1	14191	14408	14031	14210	1.33	cps
Ytterbium	176-2	5655	5578	5441	5558	1.95	cps
Yttrium	89-1	13373085	13092746	13123255	13196362	1.17	cps
Yttrium	89-2	843532	891148	868673	867785	2.74	cps
Zinc	66-2	1078204	1066710	1062385	1069100	0.76	cps
Zirconium	90-1	58967	62496	61907	61123	3.09	cps
Zirconium	91-1	13160	13543	13560	13421	1.69	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-07	Instrumnet Name :	P8
Client Sample ID :	MH2GZ4	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:22:06	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	620388	628430	620250	623023	0.75	cps
Antimony	121-1	31226	31403	31553	31394	0.52	cps
Arsenic	75-2	9760	9557	9937	9751	1.95	cps
Barium	135-1	2066564	2116662	2126519	2103248	1.53	cps
Barium	137-1	3546582	3666444	3618094	3610374	1.67	cps
Beryllium	9-1	11240	11599	11647	11496	1.93	cps
Bismuth	209-1	5191010	4999511	5048705	5079742	1.96	cps
Bismuth	209-2	1902900	1960281	1957144	1940108	1.66	cps
Bromine	81-1	8596	8723	8810	8709	1.23	cps
Cadmium	108-1	4477	4551	4424	4484	1.42	cps
Cadmium	106-1	9800	10094	9964	9953	1.48	cps
Cadmium	111-1	63676	64583	65204	64487	1.19	cps
Calcium	43-1	5278637	5477169	5469388	5408398	2.08	cps
Calcium	44-1	85835239	88379685	88429402	87548109	1.69	cps
Carbon	12-1	2425775	2501589	2554342	2493902	2.59	cps
Carbon	12-2	16706	16736	16696	16713	0.12	cps
Chlorine	35-1	73166166	76856802	79179487	76400818	3.97	cps
Chlorine	35-2	291221	293511	291949	292227	0.40	cps
Chromium	52-2	61207	61900	61605	61571	0.56	cps
Cobalt	59-2	110652	110900	109073	110208	0.90	cps
Copper	63-2	1630745	1662375	1612806	1635309	1.53	cps
Dysprosium	156-1	84166	86457	86940	85854	1.73	cps
Dysprosium	156-2	26376	26012	25999	26129	0.82	cps
Erbium	164-1	69611	70368	71685	70555	1.49	cps
Erbium	164-2	23174	23037	22900	23037	0.59	cps
Gadolinium	160-1	76477	78049	77128	77218	1.02	cps
Gadolinium	160-2	30401	30341	30251	30331	0.25	cps
Holmium	165-1	8383934	8034336	8187729	8202000	2.14	cps
Holmium	165-2	2795752	2777982	2724230	2765988	1.35	cps
Indium	115-1	6543524	6434574	6379990	6452696	1.29	cps
Indium	115-2	589811	589843	586901	588852	0.29	cps
Iron	54-2	6925217	7030064	6928830	6961371	0.85	cps
Iron	56-2	129865018	130083068	127565581	129171223	1.08	cps
Iron	57-2	3297303	3274999	3264362	3278888	0.51	cps
Krypton	83-1	233	180	217	210	12.99	cps
Lead	206-1	11285548	11539916	11508164	11444543	1.21	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-07	Instrumnet Name :	P8
Client Sample ID :	MH2GZ4	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:22:06	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9670777	9543972	9765915	9660222	1.15	cps
Lead	208-1	44944813	45053773	45360643	45119743	0.48	cps
Lithium	6-1	3769826	3698034	3713611	3727157	1.01	cps
Magnesium	24-2	1326229	1340310	1333472	1333337	0.53	cps
Manganese	55-2	3856366	3911852	3828339	3865519	1.10	cps
Molybdenum	94-1	30336	32277	31963	31526	3.31	cps
Molybdenum	95-1	16476	17578	17161	17072	3.26	cps
Molybdenum	96-1	23677	23994	23664	23778	0.79	cps
Molybdenum	97-1	10521	10544	11128	10731	3.21	cps
Molybdenum	98-1	26251	27100	27287	26879	2.05	cps
Neodymium	150-1	122950	126704	126392	125349	1.66	cps
Neodymium	150-2	30211	29800	29994	30001	0.69	cps
Nickel	60-2	106246	107163	106085	106498	0.55	cps
Phosphorus	31-2	4617	4437	4377	4477	2.79	cps
Potassium	39-2	332969	336318	332296	333861	0.65	cps
Rhodium	103-1	5884132	5576661	5637158	5699317	2.86	cps
Rhodium	103-2	2134555	2127704	2090807	2117688	1.11	cps
Scandium	45-1	4716870	4659538	4724266	4700225	0.75	cps
Scandium	45-2	78298	76898	76901	77365	1.04	cps
Selenium	82-1	175	185	166	175	5.65	cps
Selenium	77-2	133	113	140	129	10.76	cps
Selenium	78-2	57	90	70	72	23.23	cps
Silicon	28-1	8863513	9102504	9217356	9061125	1.99	cps
Silver	107-1	125942	128851	129921	128238	1.61	cps
Silver	109-1	121577	123208	124371	123052	1.14	cps
Sodium	23-2	118577	118506	119020	118701	0.23	cps
Strontium	86-1	1867641	1913391	1936730	1905921	1.84	cps
Strontium	88-1	16189128	16716974	16670449	16525517	1.77	cps
Sulfur	34-1	225583	229818	231452	228951	1.32	cps
Terbium	159-1	8498234	8249982	8322712	8356976	1.53	cps
Terbium	159-2	2728817	2710477	2675988	2705094	0.99	cps
Thallium	203-1	13027	13210	13484	13240	1.74	cps
Thallium	205-1	30292	30980	31368	30880	1.76	cps
Tin	118-1	170233	172859	173402	172165	0.98	cps
Titanium	47-1	336354	347614	349739	344569	2.09	cps
Uranium	238-1	104247	105517	105413	105059	0.67	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-07	Instrumnet Name :	P8
Client Sample ID :	MH2GZ4	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:22:06	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	121187	120505	119658	120450	0.64	cps
Ytterbium	172-1	21634	22135	22616	22129	2.22	cps
Ytterbium	172-2	8269	8933	8393	8532	4.14	cps
Ytterbium	176-1	14088	15055	14758	14634	3.39	cps
Ytterbium	176-2	5364	5645	5655	5555	2.96	cps
Yttrium	89-1	13142350	12980199	12914822	13012457	0.90	cps
Yttrium	89-2	834146	825257	831352	830252	0.55	cps
Zinc	66-2	1328742	1330753	1332794	1330763	0.15	cps
Zirconium	90-1	59613	59938	60962	60171	1.17	cps
Zirconium	91-1	13006	13497	13397	13300	1.95	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-08	Instrumnet Name :	P8
Client Sample ID :	MH2GZ5	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:25:15	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652840	650152	644392	649128	0.66	cps
Antimony	121-1	24646	25163	24879	24896	1.04	cps
Arsenic	75-2	9260	9597	9613	9490	2.10	cps
Barium	135-1	1759531	1730031	1734439	1741334	0.91	cps
Barium	137-1	2929667	3024004	3020185	2991286	1.79	cps
Beryllium	9-1	9348	9451	9563	9454	1.14	cps
Bismuth	209-1	5138259	5110681	5061780	5103573	0.76	cps
Bismuth	209-2	1918017	1963076	1923335	1934809	1.27	cps
Bromine	81-1	8519	8486	8539	8515	0.32	cps
Cadmium	108-1	2810	2877	3020	2903	3.70	cps
Cadmium	106-1	8119	7672	7522	7771	4.00	cps
Cadmium	111-1	43313	43311	43718	43447	0.54	cps
Calcium	43-1	3891943	3954438	3983380	3943254	1.19	cps
Calcium	44-1	62480357	64209684	64819812	63836618	1.90	cps
Carbon	12-1	2328323	2415782	2433151	2392418	2.35	cps
Carbon	12-2	16166	16319	16266	16250	0.48	cps
Chlorine	35-1	69869321	74122356	76258664	73416780	4.43	cps
Chlorine	35-2	281129	283966	283508	282868	0.54	cps
Chromium	52-2	54149	53623	54343	54038	0.69	cps
Cobalt	59-2	90656	90878	90968	90834	0.18	cps
Copper	63-2	1188108	1195544	1186740	1190131	0.40	cps
Dysprosium	156-1	94243	95568	96424	95412	1.15	cps
Dysprosium	156-2	28895	28437	29502	28945	1.85	cps
Erbium	164-1	75228	77809	76706	76581	1.69	cps
Erbium	164-2	25017	24863	24900	24927	0.32	cps
Gadolinium	160-1	82922	85230	85723	84625	1.77	cps
Gadolinium	160-2	33028	33609	33184	33274	0.90	cps
Holmium	165-1	8383953	8284941	8130005	8266299	1.55	cps
Holmium	165-2	2834154	2790691	2718651	2781165	2.10	cps
Indium	115-1	6570651	6537517	6449960	6519376	0.96	cps
Indium	115-2	591062	585463	592395	589640	0.62	cps
Iron	54-2	5514992	5515135	5520063	5516730	0.05	cps
Iron	56-2	102480258	101847165	101279498	101868974	0.59	cps
Iron	57-2	2604699	2591889	2659091	2618560	1.36	cps
Krypton	83-1	180	237	250	222	16.73	cps
Lead	206-1	7522800	7689940	7662811	7625184	1.18	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-08	Instrumnet Name :	P8
Client Sample ID :	MH2GZ5	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:25:15	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6365125	6540579	6481310	6462338	1.38	cps
Lead	208-1	29559009	30378005	29924532	29953849	1.37	cps
Lithium	6-1	3731431	3701571	3720372	3717791	0.41	cps
Magnesium	24-2	1430923	1437851	1413200	1427325	0.89	cps
Manganese	55-2	2757658	2743344	2796317	2765773	0.99	cps
Molybdenum	94-1	26355	27003	26161	26506	1.66	cps
Molybdenum	95-1	19400	19811	20298	19836	2.27	cps
Molybdenum	96-1	24048	24919	25590	24852	3.11	cps
Molybdenum	97-1	11925	12025	12409	12120	2.11	cps
Molybdenum	98-1	31055	31509	31980	31515	1.47	cps
Neodymium	150-1	140499	144474	144182	143052	1.55	cps
Neodymium	150-2	33989	34220	34507	34239	0.76	cps
Nickel	60-2	82641	83278	82631	82850	0.45	cps
Phosphorus	31-2	4401	4297	4424	4374	1.54	cps
Potassium	39-2	350588	355982	354102	353557	0.77	cps
Rhodium	103-1	5804049	5802502	5662306	5756286	1.41	cps
Rhodium	103-2	2151760	2132942	2123965	2136222	0.66	cps
Scandium	45-1	4709207	4639146	4722694	4690349	0.96	cps
Scandium	45-2	76653	76948	77142	76914	0.32	cps
Selenium	82-1	181	202	132	172	20.99	cps
Selenium	77-2	147	120	137	134	10.02	cps
Selenium	78-2	80	127	70	92	32.80	cps
Silicon	28-1	7454002	7639984	7665221	7586402	1.52	cps
Silver	107-1	74443	73893	74419	74252	0.42	cps
Silver	109-1	70111	70281	71487	70626	1.06	cps
Sodium	23-2	90693	92602	91293	91529	1.07	cps
Strontium	86-1	1266086	1284927	1305424	1285479	1.53	cps
Strontium	88-1	11779419	11738151	12001031	11839534	1.19	cps
Sulfur	34-1	214017	217816	219258	217030	1.25	cps
Terbium	159-1	8769387	8303654	8369530	8480857	2.97	cps
Terbium	159-2	2722613	2666517	2684820	2691316	1.06	cps
Thallium	203-1	10871	11088	11188	11049	1.47	cps
Thallium	205-1	26237	26681	26604	26507	0.90	cps
Tin	118-1	128186	130144	130561	129630	0.98	cps
Titanium	47-1	266190	270684	275326	270733	1.69	cps
Uranium	238-1	100195	100716	101679	100863	0.75	cps

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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-08	Instrumnet Name :	P8
Client Sample ID :	MH2GZ5	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:25:15	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	122999	122596	122643	122746	0.18	cps
Ytterbium	172-1	22960	22643	23090	22898	1.01	cps
Ytterbium	172-2	8966	9310	8866	9048	2.57	cps
Ytterbium	176-1	14548	15553	15145	15082	3.35	cps
Ytterbium	176-2	5708	6021	5875	5868	2.67	cps
Yttrium	89-1	13192744	13106676	13123666	13141029	0.35	cps
Yttrium	89-2	835839	828072	837396	833769	0.60	cps
Zinc	66-2	742799	746831	747453	745695	0.34	cps
Zirconium	90-1	40743	42230	42033	41669	1.94	cps
Zirconium	91-1	8870	9046	9136	9017	1.51	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-09	Instrumnet Name :	P8
Client Sample ID :	MH2H00	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:28:24	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	704137	697149	705025	702104	0.61	cps
Antimony	121-1	172125	175081	173040	173415	0.87	cps
Arsenic	75-2	38813	38593	38833	38747	0.34	cps
Barium	135-1	4398684	4414872	4553465	4455674	1.91	cps
Barium	137-1	7448506	7705549	7602864	7585640	1.71	cps
Beryllium	9-1	9975	9955	10141	10023	1.02	cps
Bismuth	209-1	4972540	4990833	4998671	4987348	0.27	cps
Bismuth	209-2	1922060	1902741	1931150	1918651	0.76	cps
Bromine	81-1	7392	7582	7545	7507	1.34	cps
Cadmium	108-1	3007	2804	3227	3013	7.03	cps
Cadmium	106-1	8159	7822	8079	8020	2.19	cps
Cadmium	111-1	33282	33953	34355	33863	1.60	cps
Calcium	43-1	4010213	4093227	4182834	4095425	2.11	cps
Calcium	44-1	64514081	65841149	66238939	65531390	1.38	cps
Carbon	12-1	3601298	3780081	3817661	3733013	3.10	cps
Carbon	12-2	25686	25659	25395	25580	0.63	cps
Chlorine	35-1	72108187	77417597	78956494	76160759	4.72	cps
Chlorine	35-2	291383	289014	292003	290800	0.54	cps
Chromium	52-2	497856	499470	499064	498797	0.17	cps
Cobalt	59-2	75334	75197	74644	75058	0.49	cps
Copper	63-2	3894300	3924968	3840331	3886533	1.10	cps
Dysprosium	156-1	77539	78002	79109	78217	1.03	cps
Dysprosium	156-2	22666	22956	22786	22803	0.64	cps
Erbium	164-1	60932	62003	62024	61653	1.01	cps
Erbium	164-2	19855	20326	20656	20279	1.99	cps
Gadolinium	160-1	66384	67235	67322	66980	0.77	cps
Gadolinium	160-2	26613	26850	26316	26593	1.01	cps
Holmium	165-1	8448656	8273426	8304666	8342249	1.12	cps
Holmium	165-2	2798246	2814427	2851130	2821267	0.96	cps
Indium	115-1	6476950	6619473	6431576	6509333	1.51	cps
Indium	115-2	591584	602330	596632	596849	0.90	cps
Iron	54-2	7534111	7411626	7470151	7471962	0.82	cps
Iron	56-2	139295361	137885501	136773295	137984719	0.92	cps
Iron	57-2	3528665	3505106	3559852	3531208	0.78	cps
Krypton	83-1	223	183	250	219	15.33	cps
Lead	206-1	36807202	37531552	37483981	37274245	1.09	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-09	Instrumnet Name :	P8
Client Sample ID :	MH2H00	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:28:24	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	30637245	30773855	30505517	30638872	0.44	cps
Lead	208-1	142485715	144399510	143522594	143469273	0.67	cps
Lithium	6-1	3708259	3741510	3739381	3729717	0.50	cps
Magnesium	24-2	2498353	2475107	2480983	2484814	0.49	cps
Manganese	55-2	6850911	6944360	6833658	6876310	0.87	cps
Molybdenum	94-1	98922	100775	100207	99968	0.95	cps
Molybdenum	95-1	76465	78332	78580	77792	1.49	cps
Molybdenum	96-1	91569	94713	95471	93918	2.20	cps
Molybdenum	97-1	48026	47548	48845	48140	1.36	cps
Molybdenum	98-1	121291	125259	126329	124293	2.14	cps
Neodymium	150-1	115862	117609	118470	117314	1.13	cps
Neodymium	150-2	28370	27989	28367	28242	0.77	cps
Nickel	60-2	84753	84489	84291	84511	0.27	cps
Phosphorus	31-2	5368	5408	5661	5479	2.90	cps
Potassium	39-2	390196	387121	390039	389119	0.45	cps
Rhodium	103-1	5736601	5831995	5755700	5774765	0.87	cps
Rhodium	103-2	2177940	2161806	2191547	2177098	0.68	cps
Scandium	45-1	4686064	4712435	4730357	4709619	0.47	cps
Scandium	45-2	76462	77236	77806	77168	0.87	cps
Selenium	82-1	364	418	294	359	17.27	cps
Selenium	77-2	120	130	107	119	9.84	cps
Selenium	78-2	80	107	67	84	24.12	cps
Silicon	28-1	59700076	61108686	61381534	60730099	1.49	cps
Silver	107-1	293166	293897	294286	293783	0.19	cps
Silver	109-1	276997	278082	283864	279648	1.32	cps
Sodium	23-2	167428	166797	167488	167238	0.23	cps
Strontium	86-1	1442257	1473273	1469436	1461655	1.16	cps
Strontium	88-1	12377805	12743665	12519049	12546840	1.47	cps
Sulfur	34-1	279187	285373	288449	284336	1.66	cps
Terbium	159-1	8493809	8392739	8470818	8452455	0.63	cps
Terbium	159-2	2751427	2778891	2673998	2734772	1.99	cps
Thallium	203-1	4818	4731	4648	4732	1.80	cps
Thallium	205-1	11475	11675	11495	11549	0.95	cps
Tin	118-1	226608	233006	229245	229619	1.40	cps
Titanium	47-1	717871	737315	736888	730691	1.52	cps
Uranium	238-1	200749	202342	200859	201317	0.44	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-09	Instrumnet Name :	P8
Client Sample ID :	MH2H00	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:28:24	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	133199	133730	133166	133365	0.24	cps
Ytterbium	172-1	19511	19498	19374	19461	0.39	cps
Ytterbium	172-2	7459	7739	7666	7621	1.91	cps
Ytterbium	176-1	12836	13497	13440	13258	2.76	cps
Ytterbium	176-2	5048	4921	5178	5049	2.54	cps
Yttrium	89-1	12900645	13199355	13128699	13076233	1.19	cps
Yttrium	89-2	826102	835826	832637	831522	0.60	cps
Zinc	66-2	2737204	2726820	2714798	2726274	0.41	cps
Zirconium	90-1	152063	156217	155071	154450	1.39	cps
Zirconium	91-1	33066	35512	34456	34345	3.57	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-10	Instrumnet Name :	P8
Client Sample ID :	MH2H01	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:31:34	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517027	1522875	1545862	1528588	1.00	cps
Antimony	121-1	129479	130138	131855	130491	0.94	cps
Arsenic	75-2	37550	37189	37620	37453	0.62	cps
Barium	135-1	6305154	6300386	6376969	6327503	0.68	cps
Barium	137-1	10906328	10936862	10855669	10899620	0.38	cps
Beryllium	9-1	22006	22359	22116	22160	0.81	cps
Bismuth	209-1	4919828	4906850	4830118	4885599	0.99	cps
Bismuth	209-2	1843001	1813340	1814399	1823580	0.92	cps
Bromine	81-1	9844	10411	10327	10194	3.00	cps
Cadmium	108-1	2870	2764	2787	2807	2.00	cps
Cadmium	106-1	7569	7549	7502	7540	0.45	cps
Cadmium	111-1	33452	33686	34272	33803	1.25	cps
Calcium	43-1	4944793	5033925	5015487	4998069	0.94	cps
Calcium	44-1	79904990	81125904	80684577	80571824	0.77	cps
Carbon	12-1	3019586	3079864	3105113	3068188	1.43	cps
Carbon	12-2	20618	20428	20825	20623	0.96	cps
Chlorine	35-1	67042424	71234992	72453691	70243702	4.04	cps
Chlorine	35-2	263101	266474	267402	265659	0.85	cps
Chromium	52-2	112037	110267	110536	110947	0.86	cps
Cobalt	59-2	109480	107878	108862	108740	0.74	cps
Copper	63-2	4058082	4070471	4088802	4072452	0.38	cps
Dysprosium	156-1	123608	127111	125542	125420	1.40	cps
Dysprosium	156-2	36587	36313	37105	36668	1.10	cps
Erbium	164-1	105272	105655	105793	105573	0.26	cps
Erbium	164-2	34485	34114	34622	34407	0.76	cps
Gadolinium	160-1	108167	108974	108594	108578	0.37	cps
Gadolinium	160-2	42196	42688	42247	42377	0.64	cps
Holmium	165-1	8127342	8019533	8038891	8061922	0.71	cps
Holmium	165-2	2685052	2715456	2708437	2702981	0.59	cps
Indium	115-1	6344672	6251927	6248846	6281815	0.87	cps
Indium	115-2	563590	568254	566840	566228	0.42	cps
Iron	54-2	6693494	6550201	6639660	6627785	1.09	cps
Iron	56-2	122630178	121680792	121923022	122077997	0.40	cps
Iron	57-2	3132548	3099816	3145423	3125929	0.75	cps
Krypton	83-1	283	230	283	266	11.60	cps
Lead	206-1	50014359	50669604	50426466	50370143	0.66	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-10	Instrumnet Name :	P8
Client Sample ID :	MH2H01	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:31:34	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41532274	41584810	41921774	41679620	0.51	cps
Lead	208-1	193364605	195666563	196498052	195176407	0.83	cps
Lithium	6-1	3616507	3620377	3618343	3618409	0.05	cps
Magnesium	24-2	1450682	1461021	1443204	1451636	0.62	cps
Manganese	55-2	5497715	5320090	5460683	5426163	1.73	cps
Molybdenum	94-1	104458	106319	105281	105353	0.88	cps
Molybdenum	95-1	72367	74642	73539	73516	1.55	cps
Molybdenum	96-1	89106	90022	91727	90285	1.47	cps
Molybdenum	97-1	45608	44665	46347	45540	1.85	cps
Molybdenum	98-1	116951	118087	117929	117656	0.52	cps
Neodymium	150-1	182858	184608	183934	183800	0.48	cps
Neodymium	150-2	42922	43176	42327	42808	1.02	cps
Nickel	60-2	88103	88345	87242	87897	0.66	cps
Phosphorus	31-2	6171	6265	6205	6214	0.76	cps
Potassium	39-2	369711	372363	370310	370795	0.38	cps
Rhodium	103-1	5544180	5448786	5519537	5504168	0.90	cps
Rhodium	103-2	2065437	2054188	2056629	2058751	0.29	cps
Scandium	45-1	4647679	4616816	4612423	4625640	0.42	cps
Scandium	45-2	74106	76344	75634	75362	1.52	cps
Selenium	82-1	371	472	362	402	15.26	cps
Selenium	77-2	210	143	113	156	31.80	cps
Selenium	78-2	113	110	93	106	10.15	cps
Silicon	28-1	42182794	42826284	42710038	42573039	0.81	cps
Silver	107-1	299344	304323	300850	301506	0.85	cps
Silver	109-1	284971	290051	289819	288280	1.00	cps
Sodium	23-2	462194	463108	460957	462086	0.23	cps
Strontium	86-1	2834089	2935761	2884609	2884820	1.76	cps
Strontium	88-1	24337166	24796578	24751421	24628389	1.03	cps
Sulfur	34-1	262733	264751	264361	263948	0.41	cps
Terbium	159-1	8184016	8081223	8051450	8105563	0.86	cps
Terbium	159-2	2672247	2635841	2669126	2659071	0.76	cps
Thallium	203-1	8783	8903	8813	8833	0.71	cps
Thallium	205-1	20944	20770	20854	20856	0.42	cps
Tin	118-1	310087	314669	315187	313314	0.90	cps
Titanium	47-1	1378684	1407149	1399633	1395155	1.06	cps
Uranium	238-1	372197	381018	376223	376479	1.17	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	Q1178-10	Instrumnet Name :	P8
Client Sample ID :	MH2H01	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:31:34	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	169048	168691	167672	168470	0.42	cps
Ytterbium	172-1	38937	39051	40124	39371	1.66	cps
Ytterbium	172-2	14878	14782	15192	14951	1.44	cps
Ytterbium	176-1	25271	25394	25257	25308	0.30	cps
Ytterbium	176-2	9767	9920	9620	9769	1.54	cps
Yttrium	89-1	13430880	13436341	13336474	13401232	0.42	cps
Yttrium	89-2	853944	852097	856078	854039	0.23	cps
Zinc	66-2	2501346	2581311	2585674	2556110	1.86	cps
Zirconium	90-1	172704	178747	176140	175863	1.72	cps
Zirconium	91-1	38229	39526	38801	38852	1.67	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:34:39	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1091746	1088763	1074869	1085126	0.83	cps
Antimony	121-1	2825759	2835657	2806674	2822697	0.52	cps
Arsenic	75-2	51146	51430	50447	51007	0.99	cps
Barium	135-1	3719667	3673075	3718663	3703802	0.72	cps
Barium	137-1	6307557	6257875	6194800	6253410	0.90	cps
Beryllium	9-1	1049322	1045469	1044719	1046503	0.24	cps
Bismuth	209-1	3943203	3924616	3965699	3944506	0.52	cps
Bismuth	209-2	1458349	1458717	1457683	1458250	0.04	cps
Bromine	81-1	4677	4584	4561	4607	1.34	cps
Cadmium	108-1	57000	57034	56492	56842	0.53	cps
Cadmium	106-1	83205	84110	83463	83593	0.56	cps
Cadmium	111-1	712681	723071	718600	718117	0.73	cps
Calcium	43-1	5204423	5162378	5057797	5141533	1.47	cps
Calcium	44-1	83381267	83855702	82719032	83318667	0.69	cps
Carbon	12-1	1557933	1580985	1604227	1581049	1.46	cps
Carbon	12-2	11651	11561	11795	11669	1.01	cps
Chlorine	35-1	3670198	3361848	3143013	3391686	7.81	cps
Chlorine	35-2	9967	9573	8889	9477	5.75	cps
Chromium	52-2	524783	524215	517411	522137	0.79	cps
Cobalt	59-2	1047320	1052351	1041899	1047190	0.50	cps
Copper	63-2	7322239	7223407	7197813	7247820	0.91	cps
Dysprosium	156-1	393	393	377	388	2.48	cps
Dysprosium	156-2	17	43	43	34	44.69	cps
Erbium	164-1	187	220	143	183	20.97	cps
Erbium	164-2	63	47	60	57	15.56	cps
Gadolinium	160-1	120	193	117	143	30.23	cps
Gadolinium	160-2	53	87	67	69	24.36	cps
Holmium	165-1	6852276	7028425	7069676	6983459	1.65	cps
Holmium	165-2	2433352	2447950	2407663	2429655	0.84	cps
Indium	115-1	5101750	5170299	5211065	5161038	1.07	cps
Indium	115-2	482351	482686	480685	481907	0.22	cps
Iron	54-2	5574991	5578017	5451047	5534685	1.31	cps
Iron	56-2	102913702	101388488	101075908	101792700	0.97	cps
Iron	57-2	2627292	2639700	2607756	2624916	0.61	cps
Krypton	83-1	87	107	113	102	13.57	cps
Lead	206-1	11188030	11432189	11346258	11322159	1.09	cps

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On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:34:39	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9708436	9899470	9715808	9774571	1.11	cps
Lead	208-1	44852549	45163888	44919857	44978765	0.36	cps
Lithium	6-1	2904121	2953158	2944905	2934061	0.89	cps
Magnesium	24-2	19062728	18869510	18672647	18868295	1.03	cps
Manganese	55-2	2371631	2388488	2318784	2359634	1.54	cps
Molybdenum	94-1	10502978	10382391	10306237	10397202	0.95	cps
Molybdenum	95-1	14953398	14941195	15026929	14973841	0.31	cps
Molybdenum	96-1	16301273	16174661	16233682	16236539	0.39	cps
Molybdenum	97-1	9197536	9155915	9157881	9170444	0.26	cps
Molybdenum	98-1	24479830	24285085	24051893	24272270	0.88	cps
Neodymium	150-1	447	467	470	461	2.74	cps
Neodymium	150-2	30	23	33	29	17.63	cps
Nickel	60-2	276729	277977	274731	276479	0.59	cps
Phosphorus	31-2	9647	10040	9613	9767	2.43	cps
Potassium	39-2	5628966	5600912	5537729	5589202	0.84	cps
Rhodium	103-1	4500724	4560300	4611967	4557664	1.22	cps
Rhodium	103-2	1708136	1689444	1669057	1688879	1.16	cps
Scandium	45-1	3715592	3724026	3757260	3732293	0.59	cps
Scandium	45-2	62532	63094	61822	62483	1.02	cps
Selenium	82-1	47081	47420	47335	47279	0.37	cps
Selenium	77-2	747	750	690	729	4.63	cps
Selenium	78-2	2450	2260	2407	2372	4.20	cps
Silicon	28-1	15777823	15732194	15576592	15695536	0.67	cps
Silver	107-1	3799367	3820953	3813166	3811162	0.29	cps
Silver	109-1	3628427	3652044	3704103	3661525	1.06	cps
Sodium	23-2	37623847	37965271	37893169	37827429	0.48	cps
Strontium	86-1	980038	998810	988756	989201	0.95	cps
Strontium	88-1	8943689	8955671	9053360	8984240	0.67	cps
Sulfur	34-1	478145	477644	476044	477278	0.23	cps
Terbium	159-1	6952695	7060021	7182107	7064941	1.62	cps
Terbium	159-2	2368390	2353395	2330576	2350787	0.81	cps
Thallium	203-1	2869499	2970160	2964492	2934717	1.93	cps
Thallium	205-1	6907237	7013358	6891615	6937403	0.95	cps
Tin	118-1	2464631	2413218	2418400	2432083	1.16	cps
Titanium	47-1	4448499	4480230	4357676	4428802	1.44	cps
Uranium	238-1	9360355	9301585	9321454	9327798	0.32	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:34:39	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	419223	416566	410355	415381	1.10	cps
Ytterbium	172-1	213	200	200	204	3.77	cps
Ytterbium	172-2	73	60	60	64	11.94	cps
Ytterbium	176-1	13801	13847	14271	13973	1.86	cps
Ytterbium	176-2	4624	4561	4708	4631	1.59	cps
Yttrium	89-1	9637606	9635254	9870035	9714298	1.39	cps
Yttrium	89-2	641658	646009	643243	643637	0.34	cps
Zinc	66-2	780873	774632	770228	775244	0.69	cps
Zirconium	90-1	5243321	5215453	5226726	5228500	0.27	cps
Zirconium	91-1	1094611	1097143	1098918	1096890	0.20	cps

Reviewed By:Mohan
On:2/7/2025 11:30:08 AM
Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:46:37	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	23	20	20	16.65	cps
Antimony	121-1	157	143	110	137	17.59	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	360	387	393	380	4.64	cps
Barium	137-1	653	603	673	643	5.61	cps
Beryllium	9-1	205	185	192	194	5.20	cps
Bismuth	209-1	4554578	4558565	4558917	4557354	0.05	cps
Bismuth	209-2	1827547	1811209	1839937	1826231	0.79	cps
Bromine	81-1	4264	4001	4427	4231	5.09	cps
Cadmium	108-1	10	0	13	8	89.21	cps
Cadmium	106-1	2957	2974	2967	2966	0.28	cps
Cadmium	111-1	2086	2102	2104	2097	0.46	cps
Calcium	43-1	207	240	207	218	8.84	cps
Calcium	44-1	3257	3037	3047	3114	3.99	cps
Carbon	12-1	1238302	1233016	1213838	1228385	1.05	cps
Carbon	12-2	8222	8036	7916	8058	1.92	cps
Chlorine	35-1	598018	582471	569867	583452	2.42	cps
Chlorine	35-2	2064	1953	1970	1996	2.97	cps
Chromium	52-2	260	230	243	244	6.15	cps
Cobalt	59-2	63	83	47	64	28.48	cps
Copper	63-2	1153	1203	1057	1138	6.55	cps
Dysprosium	156-1	133	177	180	163	15.94	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	23	43	27	31	34.44	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	27	17	20	21	24.12	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	7127529	7165969	7184721	7159406	0.41	cps
Holmium	165-2	2520248	2540954	2488107	2516436	1.06	cps
Indium	115-1	5613744	5634901	5630520	5626388	0.20	cps
Indium	115-2	528731	523997	527894	526874	0.48	cps
Iron	54-2	340	287	237	288	17.96	cps
Iron	56-2	4034	4444	4384	4287	5.17	cps
Iron	57-2	87	107	113	102	13.58	cps
Krypton	83-1	67	83	63	71	15.07	cps
Lead	206-1	1407	1297	1257	1320	5.88	cps

Reviewed By:Mohan
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Inst Id :P8

LB Number :	LB134543	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2025-01-31 17:46:37	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1113	1180	1203	1166	4.01	cps
Lead	208-1	5094	5250	5124	5156	1.61	cps
Lithium	6-1	2932354	2924028	2945124	2933835	0.36	cps
Magnesium	24-2	370	427	410	402	7.24	cps
Manganese	55-2	297	260	240	266	10.82	cps
Molybdenum	94-1	303	230	210	248	19.83	cps
Molybdenum	95-1	203	223	223	217	5.33	cps
Molybdenum	96-1	243	237	253	244	3.43	cps
Molybdenum	97-1	87	93	127	102	20.97	cps
Molybdenum	98-1	263	340	313	306	12.74	cps
Neodymium	150-1	20	10	17	16	32.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	473	553	563	530	9.31	cps
Phosphorus	31-2	33	43	17	31	43.29	cps
Potassium	39-2	2510	2487	2400	2466	2.35	cps
Rhodium	103-1	5180384	5162710	5168375	5170490	0.17	cps
Rhodium	103-2	1953287	1955477	1956424	1955063	0.08	cps
Scandium	45-1	3736938	3766523	3727886	3743783	0.54	cps
Scandium	45-2	61996	62023	61943	61987	0.07	cps
Selenium	82-1	-10	-3	13	0	16383.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	10	0	4	114.60	cps
Silicon	28-1	184210	184845	183208	184088	0.45	cps
Silver	107-1	157	113	133	134	16.13	cps
Silver	109-1	110	107	93	103	8.54	cps
Sodium	23-2	5731	5921	5905	5852	1.80	cps
Strontium	86-1	157	177	160	164	6.52	cps
Strontium	88-1	327	287	273	296	9.39	cps
Sulfur	34-1	150829	151715	153392	151979	0.86	cps
Terbium	159-1	7356777	7344411	7336541	7345910	0.14	cps
Terbium	159-2	2440891	2465772	2442917	2449860	0.56	cps
Thallium	203-1	323	283	323	310	7.45	cps
Thallium	205-1	743	703	767	738	4.34	cps
Tin	118-1	640	1147	657	815	35.38	cps
Titanium	47-1	93	93	100	96	4.03	cps
Uranium	238-1	83	67	43	64	31.18	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	0	10	3	173.21	cps
Ytterbium	172-1	50	43	30	41	24.77	cps
Ytterbium	172-2	27	27	13	22	34.66	cps
Ytterbium	176-1	920	817	903	880	6.30	cps
Ytterbium	176-2	133	103	123	120	12.73	cps
Yttrium	89-1	10023766	9990000	10112366	10042044	0.63	cps
Yttrium	89-2	651887	650471	662880	655079	1.04	cps
Zinc	66-2	147	207	157	170	18.91	cps
Zirconium	90-1	347	410	310	356	14.23	cps
Zirconium	91-1	73	110	53	79	36.43	cps