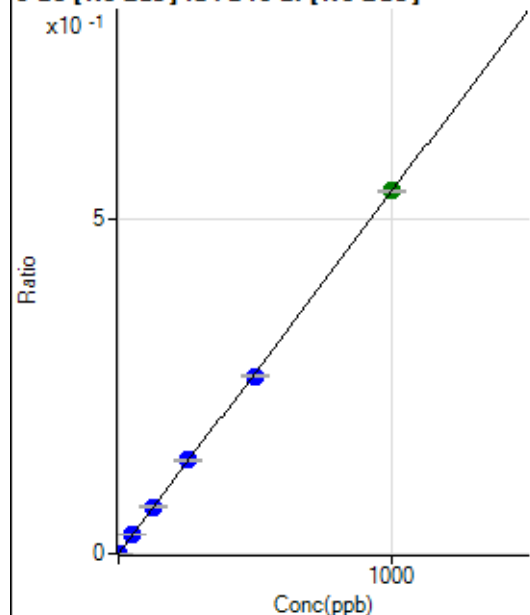


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8060222MS.b\
Analysis File: P8060222MS.batch.bin
DA Date-Time: 2022-06-07 11:35:29
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-06-02 15:50:19
2	006CALS.d	S02	2022-06-02 15:56:35
3	007CALS.d	S03	2022-06-02 15:59:42
4	008CALS.d	S04	2022-06-02 16:02:51
5	009CALS.d	S05	2022-06-02 16:05:57
6	010CALS.d	S06	2022-06-02 16:09:05
7	011CALS.d	S07	2022-06-02 16:12:11
8	012CALS.d	S08	2022-06-02 16:15:20

9 Be [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.66	0.0000	P	67.2
2	☐	1.000	1.106	1934.42	0.0006	P	3.0
3	☐	50.000	52.408	91578.48	0.0284	P	4.2
4	☐	125.000	129.880	229184.15	0.0704	P	1.1
5	☐	250.000	258.375	454592.80	0.1401	P	3.3
6	☐	500.000	490.936	907939.02	0.2661	P	0.8
7	☐	1000.000	1001.708	1889525.24	0.5430	A	0.8
8	☐			924.52	0.0003	P	29.3

$$y = 5.4204\text{E-}004 * x + 8.9359\text{E-}006$$

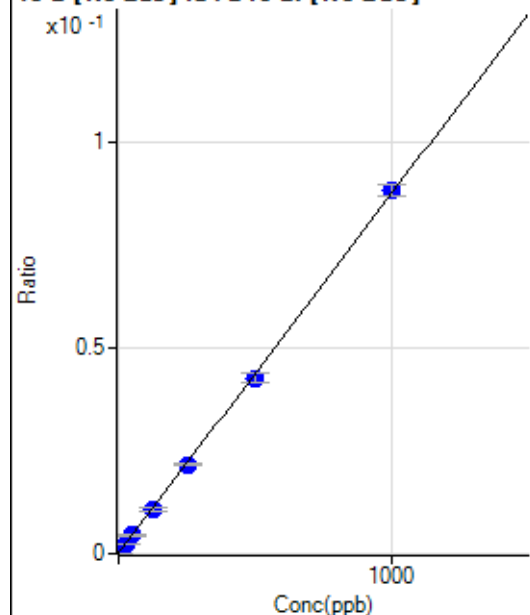
$$R = 0.9999$$

$$DL = 0.03322$$

$$BEC = 0.01649$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.94	0.0001	P	6.5
2	☐	25.000	23.377	6817.59	0.0021	P	2.8
3	☐	50.000	49.654	14300.85	0.0044	P	3.4
4	☐	125.000	121.791	34890.41	0.0107	P	5.3
5	☐	250.000	247.329	70357.93	0.0217	P	2.4
6	☐	500.000	486.677	145077.11	0.0425	P	5.1
7	☐	1000.000	1007.788	306074.57	0.0880	P	3.0
8	☐			25182.69	0.0076	P	9.8

$$y = 8.7172\text{E-}005 * x + 1.0680\text{E-}004$$

$$R = 0.9999$$

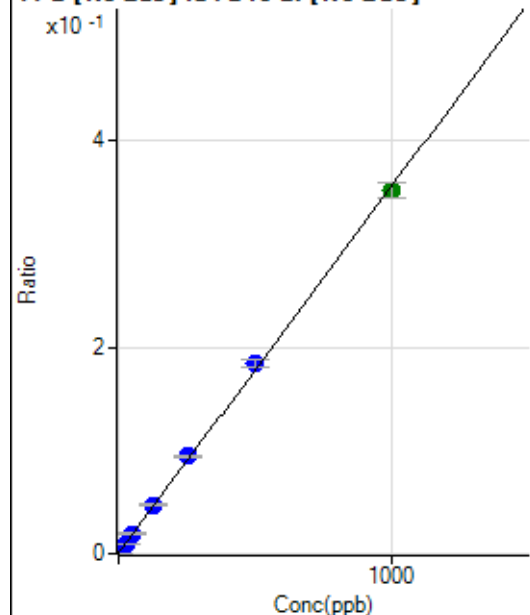
$$DL = 0.2386$$

$$BEC = 1.225$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1545.78	0.0005	P	7.5
2	☐	25.000	24.791	29471.79	0.0093	P	3.3
3	☐	50.000	53.276	62472.24	0.0194	P	4.3
4	☐	125.000	131.353	153198.74	0.0471	P	6.1
5	☐	250.000	263.562	305255.00	0.0940	P	2.4
6	☐	500.000	515.719	625940.64	0.1835	P	3.8
7	☐	1000.000	987.798	1221434.95	0.3510	A	4.3
8	☐			108541.70	0.0325	P	8.5

$$y = 3.5487\text{E-}004 * x + 4.7540\text{E-}004$$

$$R = 0.9997$$

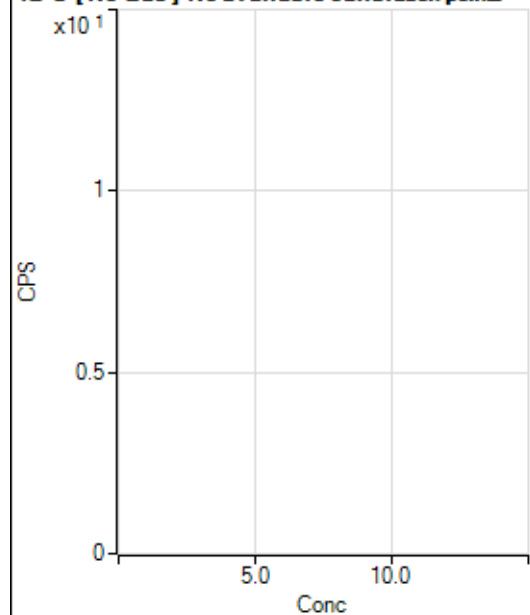
$$DL = 0.2999$$

$$BEC = 1.34$$

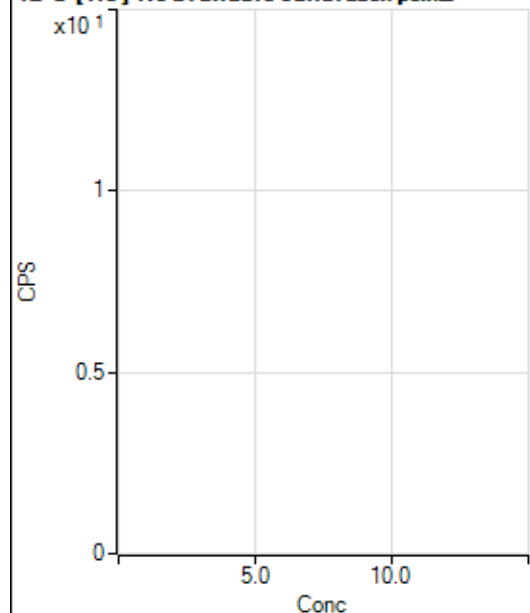
Weight: <None>

Min Conc: 0

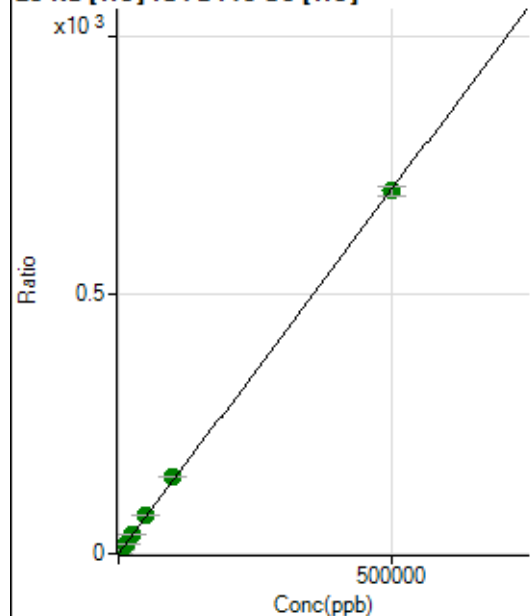
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3928902.74		A	2.1
2	☐			3886227.60		A	2.8
3	☐			4392231.17		A	1.8
4	☐			4646245.72		A	1.0
5	☐			4591485.78		A	0.8
6	☐			4642688.38		A	0.9
7	☐			5030614.78		A	1.4
8	☐			4533821.85		A	1.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46006.19		P	0.6
2	☐			44141.92		P	2.3
3	☐			54875.10		P	0.9
4	☐			56506.34		P	0.9
5	☐			56325.13		P	0.6
6	☐			57621.74		P	1.7
7	☐			62148.76		P	1.0
8	☐			58229.62		P	1.5

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9108.62	0.0587	P	3.1
2	☐	500.000	459.310	111047.21	0.7048	P	6.3
3	☐	5000.000	5347.856	1167288.05	7.5812	A	2.2
4	☐	12500.000	13170.618	2788643.03	18.5850	A	1.1
5	☐	25000.000	26160.656	5374051.29	36.8573	A	0.9
6	☐	50000.000	53345.384	11027242.17	75.0964	A	1.9
7	☐	100000.00	106479.68	23279785.07	149.8372	A	0.1
8	☐	500000.00	498291.28	105873707.2	700.9745	A	2.4

$$y = 0.0014 * x + 0.0587$$

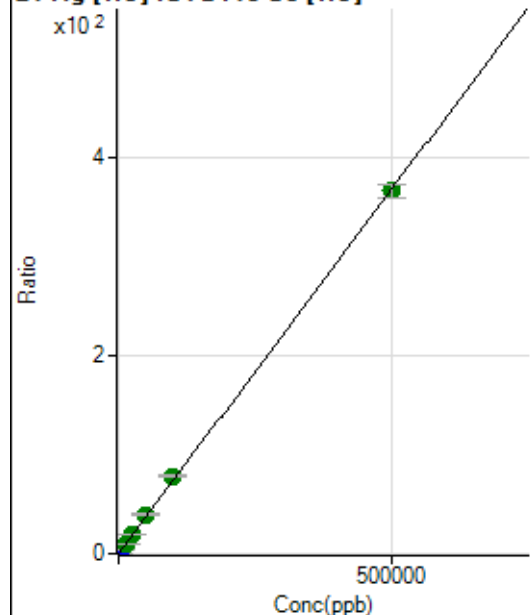
$$R = 0.9999$$

$$DL = 3.848$$

$$BEC = 41.75$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0013	P	21.1
2	☐	500.000	482.410	56167.52	0.3564	P	4.3
3	☐	5000.000	5379.654	609942.35	3.9615	P	2.1
4	☐	12500.000	13776.721	1521936.71	10.1432	A	1.0
5	☐	25000.000	26794.380	2876182.84	19.7263	A	2.0
6	☐	50000.000	53730.394	5808290.15	39.5555	A	2.3
7	☐	100000.00	106902.50	12227315.38	78.6988	A	0.4
8	☐	500000.00	498121.04	55385416.51	366.6990	A	3.6

$$y = 7.3616\text{E-}004 * x + 0.0013$$

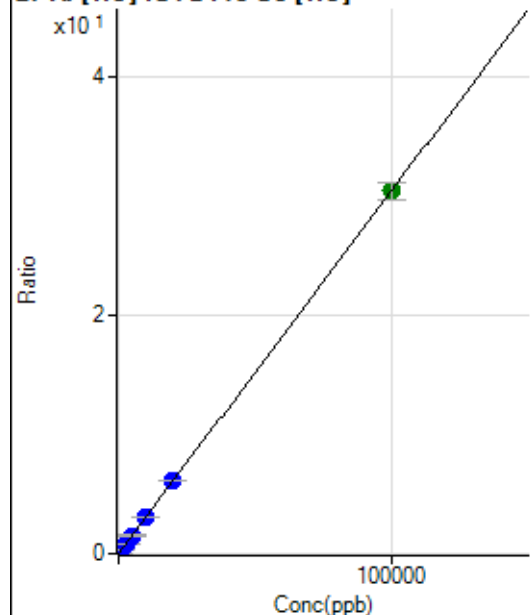
$$R = 0.9999$$

$$DL = 1.075$$

$$BEC = 1.703$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	99.99	0.0006	P	6.6
2	☐	20.000	18.628	994.50	0.0063	P	5.3
3	☐	1000.000	1025.749	48132.12	0.3126	P	1.6
4	☐	2500.000	2533.391	115706.53	0.7712	P	0.7
5	☐	5000.000	4981.138	220976.43	1.5156	P	2.7
6	☐	10000.000	10058.530	449316.52	3.0599	P	1.8
7	☐	20000.000	20022.519	946257.99	6.0903	P	1.3
8	☐	100000.00	99989.494	4593246.84	30.4115	A	4.4

$$y = 3.0414\text{E-}004 * x + 6.4450\text{E-}004$$

$$R = 1.0000$$

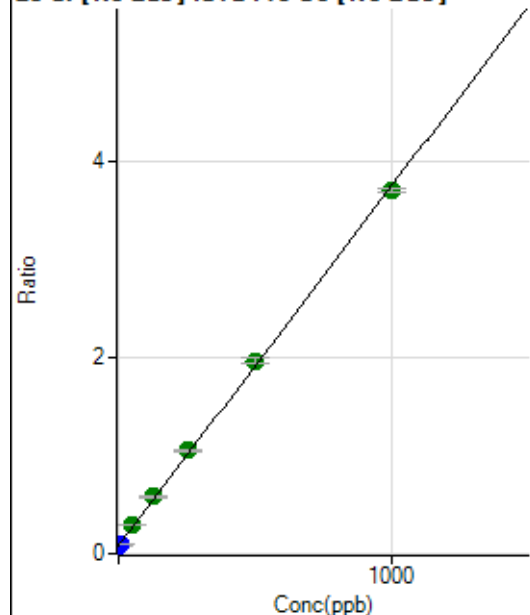
$$DL = 0.419$$

$$BEC = 2.119$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	344504.06	0.0819	P	1.5
2	☐	10.000	2.581	389090.91	0.0913	P	2.7
3	☐	50.000	57.585	1204508.56	0.2925	A	1.3
4	☐	125.000	137.048	2409303.87	0.5830	A	2.5
5	☐	250.000	265.093	4320206.22	1.0512	A	1.8
6	☐	500.000	515.030	7984907.64	1.9650	A	2.2
7	☐	1000.000	986.901	15682564.24	3.6903	A	1.0
8	☐			496274.39	0.1193	P	2.5

$$y = 0.0037 * x + 0.0819$$

$$R = 0.9996$$

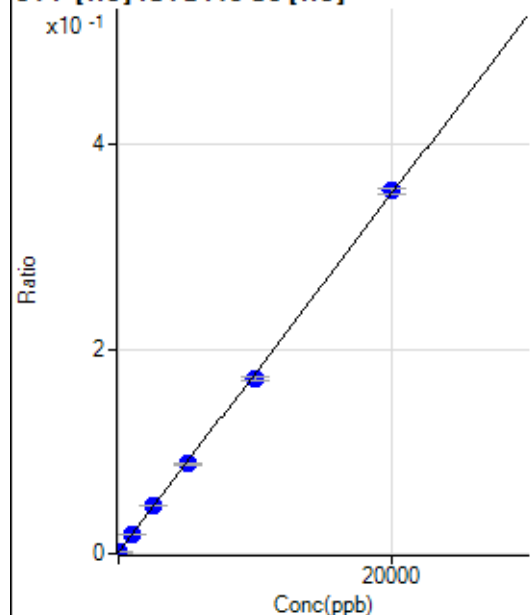
$$DL = 1.004$$

$$BEC = 22.4$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD :45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.720	158.34	0.0010	P	23.5
2	☐	0.000	13.720	236.12	0.0015	P	21.5
3	☐	1000.000	997.958	2889.26	0.0188	P	3.1
4	☐	2500.000	2585.855	6993.53	0.0466	P	1.9
5	☐	5000.000	4941.121	12819.79	0.0879	P	3.1
6	☐	10000.000	9672.586	25097.21	0.1709	P	2.5
7	☐	20000.000	20167.797	55158.25	0.3550	P	1.7
8	☐			219.45	0.0015	P	26.7

$$y = 1.7540E-005 * x + 0.0013$$

$$R = 0.9998$$

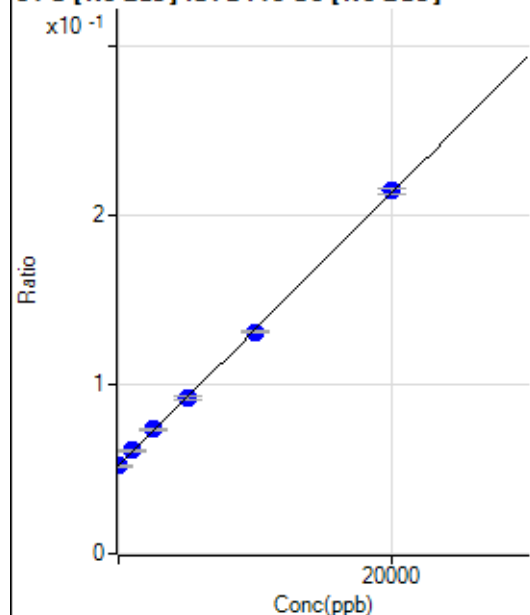
$$DL = 48.16$$

$$BEC = 71.86$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	44.627	220632.72	0.0524	P	0.6
2	☐	0.000	-44.627	220316.77	0.0517	P	3.6
3	☐	1000.000	1125.771	251916.60	0.0612	P	1.6
4	☐	2500.000	2657.386	303910.23	0.0735	P	1.6
5	☐	5000.000	4903.241	376746.41	0.0917	P	2.6
6	☐	10000.000	9786.451	532575.07	0.1311	P	1.5
7	☐	20000.000	20105.003	910826.15	0.2143	P	1.3
8	☐			182570.23	0.0439	P	3.1

$$y = 8.0698E-006 * x + 0.0521$$

R = 0.9998

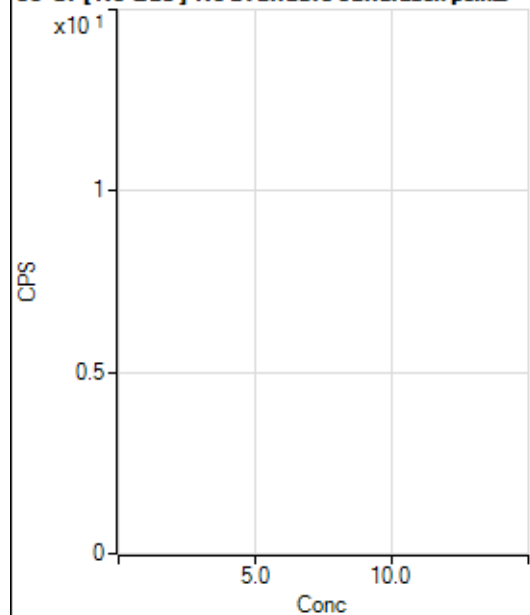
DL = 400.5

BEC = 6455

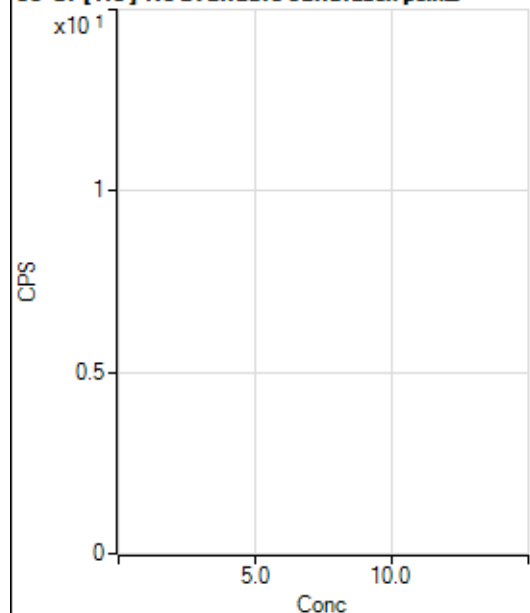
Weight: <None>

Min Conc: 0

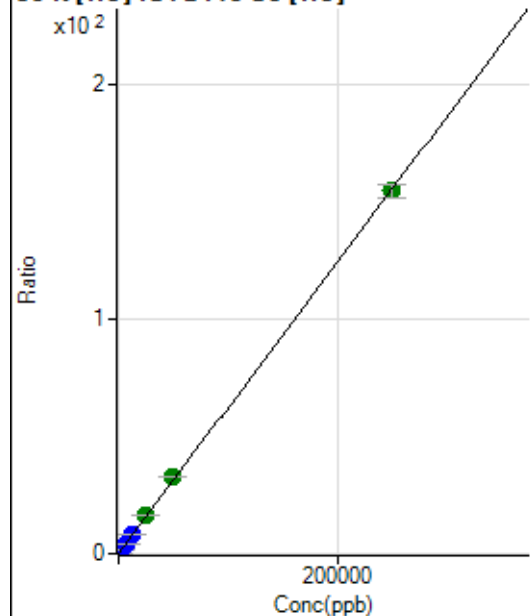
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114778.08		P	0.7
2	☐			113272.20		P	0.9
3	☐			135856.19		P	1.3
4	☐			132774.66		P	1.3
5	☐			126493.85		P	0.4
6	☐			124509.88		P	0.1
7	☐			126900.63		P	1.5
8	☐			127668.28		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1030.62		P	13.6
2	☐			997.28		P	16.3
3	☐			1202.86		P	2.8
4	☐			1130.63		P	7.9
5	☐			1027.84		P	1.7
6	☐			1016.73		P	4.3
7	☐			1030.62		P	8.3
8	☐			1119.52		P	12.7

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14799.61	0.0954	P	1.3
2	☐	500.000	453.048	59207.93	0.3757	P	5.2
3	☐	2500.000	2572.757	259733.11	1.6870	P	0.7
4	☐	6250.000	6420.992	610397.03	4.0678	P	1.8
5	☐	12500.000	12686.547	1158239.12	7.9439	P	2.2
6	☐	25000.000	26128.176	2387625.57	16.2596	A	1.9
7	☐	50000.000	52640.058	5074539.31	32.6611	A	1.7
8	☐	250000.00	249344.93	23312768.40	154.3523	A	3.5

$$y = 6.1865E-004 * x + 0.0954$$

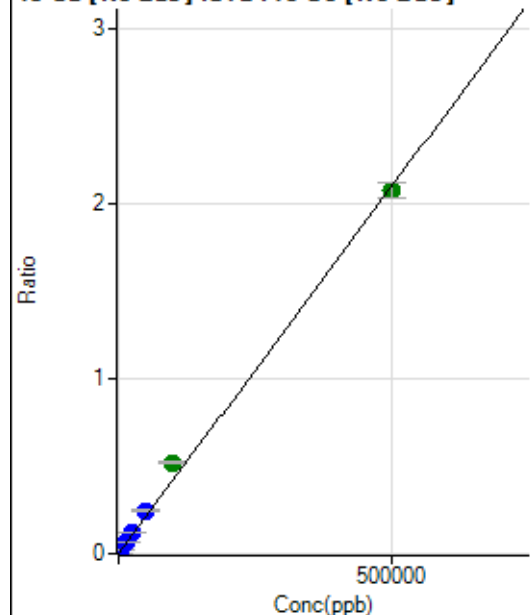
$$R = 0.9999$$

$$DL = 5.903$$

$$BEC = 154.2$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.64	0.0001	P	4.6
2	☐	500.000	472.614	8736.99	0.0021	P	5.9
3	☐	5000.000	5891.360	102083.63	0.0248	P	1.8
4	☐	12500.000	14598.361	253429.21	0.0613	P	2.4
5	☐	25000.000	28817.599	497268.14	0.1210	P	1.6
6	☐	50000.000	58594.768	999322.74	0.2459	P	1.4
7	☐	100000.00	123388.52	2200274.45	0.5178	A	2.4
8	☐	500000.00	494210.59	8629406.23	2.0737	A	4.2

$$y = 4.1959\text{E-}006 * x + 6.9346\text{E-}005$$

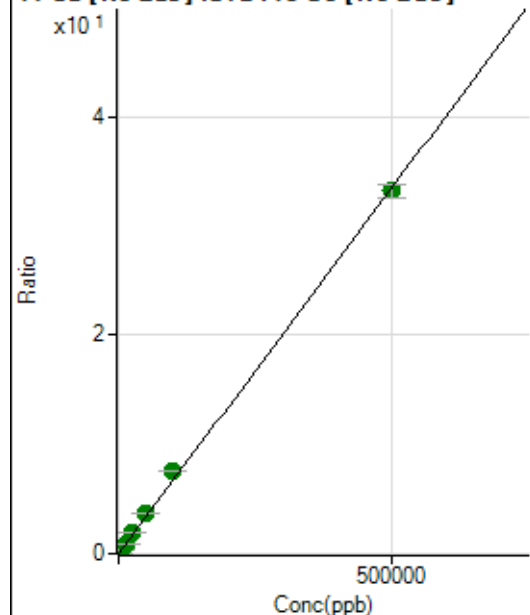
$$R = 0.9987$$

$$DL = 2.277$$

$$BEC = 16.53$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5996.77	0.0014	P	1.9
2	☐	500.000	473.301	140723.68	0.0331	P	5.0
3	☐	5000.000	5709.042	1577073.43	0.3829	A	2.1
4	☐	12500.000	14277.815	3949380.11	0.9555	A	0.3
5	☐	25000.000	28016.048	7699612.30	1.8734	A	2.2
6	☐	50000.000	55794.345	15154704.96	3.7295	A	1.4
7	☐	100000.00	113312.62	32182922.60	7.5728	A	0.8
8	☐	500000.00	496555.72	138077262.2	33.1807	A	3.6

$$y = 6.6819\text{E-}005 * x + 0.0014$$

$$R = 0.9996$$

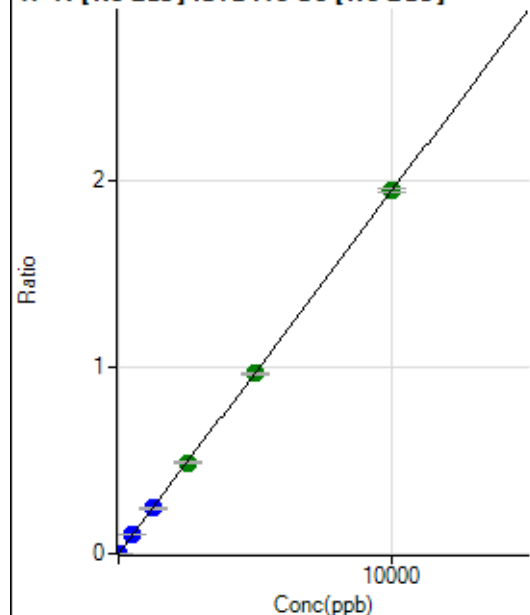
$$DL = 1.217$$

$$BEC = 21.34$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	186.12	0.0000	P	40.2
2	☐	5.000	4.464	3870.06	0.0009	P	7.9
3	☐	500.000	512.363	409299.58	0.0994	P	2.8
4	☐	1250.000	1247.669	999914.19	0.2419	P	1.2
5	☐	2500.000	2504.277	1995355.30	0.4855	A	2.4
6	☐	5000.000	4973.701	3918031.55	0.9642	A	1.4
7	☐	10000.000	10011.754	8248581.17	1.9409	A	1.1
8	☐			4214.68	0.0010	P	33.3

$$y = 1.9385E-004 * x + 4.4222E-005$$

$$R = 1.0000$$

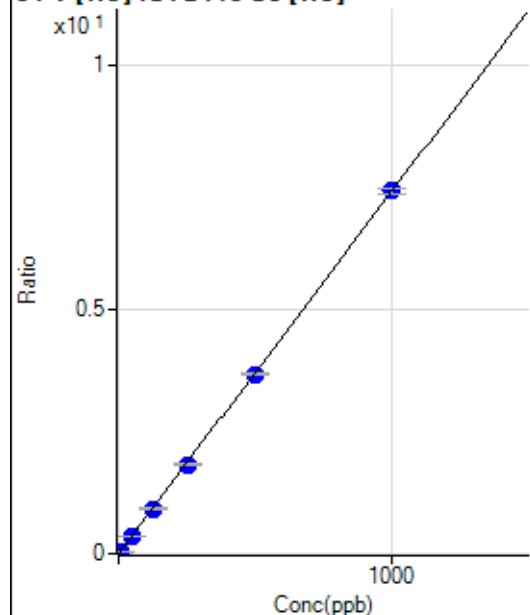
$$DL = 0.2751$$

$$BEC = 0.2281$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0001	P	62.4
2	☐	5.000	4.597	5372.17	0.0341	P	4.5
3	☐	50.000	49.692	56631.70	0.3678	P	1.9
4	☐	125.000	124.204	137942.41	0.9192	P	2.0
5	☐	250.000	245.643	265054.76	1.8179	P	2.7
6	☐	500.000	496.870	539963.87	3.6771	P	1.3
7	☐	1000.000	1002.771	1153009.02	7.4210	P	1.3
8	☐			516.68	0.0034	P	14.9

$$y = 0.0074 * x + 7.1489E-005$$

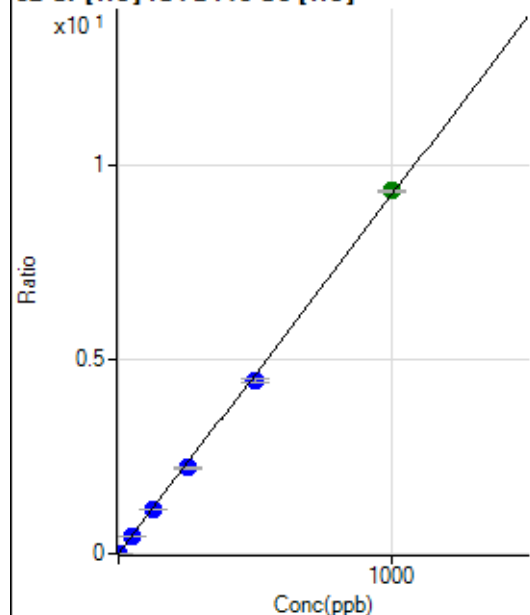
$$R = 1.0000$$

$$DL = 0.01807$$

$$BEC = 0.00966$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	733.36	0.0047	P	4.9
2	☐	2.000	1.816	3383.77	0.0215	P	2.0
3	☐	50.000	48.453	69463.33	0.4512	P	1.5
4	☐	125.000	121.899	169254.55	1.1280	P	1.7
5	☐	250.000	238.775	321484.61	2.2049	P	1.1
6	☐	500.000	482.536	653590.57	4.4510	P	2.0
7	☐	1000.000	1012.003	1449559.49	9.3298	A	0.7
8	☐			9380.95	0.0621	P	3.8

$$y = 0.0092 * x + 0.0047$$

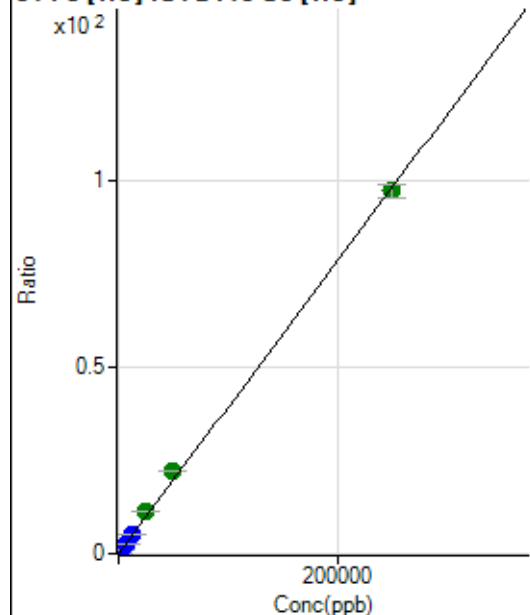
$$R = 0.9997$$

$$DL = 0.0759$$

$$BEC = 0.5132$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	520.39	0.0034	P	20.8
2	☐	50.000	48.554	3522.71	0.0224	P	6.1
3	☐	2500.000	2681.412	162064.11	1.0526	P	0.8
4	☐	6250.000	6668.598	392059.35	2.6129	P	1.3
5	☐	12500.000	13286.226	758519.42	5.2024	P	2.8
6	☐	25000.000	28590.046	1643322.28	11.1910	A	1.8
7	☐	50000.000	56230.835	3419253.78	22.0073	A	0.6
8	☐	250000.00	248343.23	14678265.03	97.1836	A	3.4

$$y = 3.9131E-004 * x + 0.0034$$

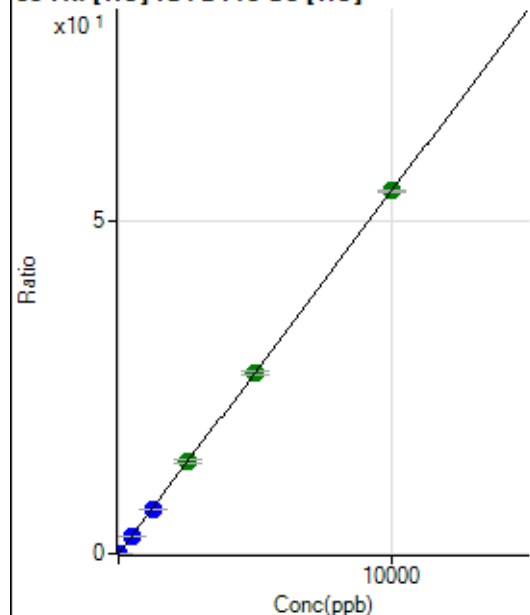
$$R = 0.9996$$

$$DL = 5.353$$

$$BEC = 8.566$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0005	P	11.7
2	☐	1.000	0.913	861.14	0.0055	P	12.9
3	☐	500.000	479.221	403343.18	2.6198	P	1.0
4	☐	1250.000	1199.496	983806.75	6.5567	P	0.9
5	☐	2500.000	2548.349	2030853.04	13.9292	A	3.8
6	☐	5000.000	4983.116	3999513.80	27.2372	A	2.4
7	☐	10000.000	10003.706	8495424.53	54.6787	A	0.9
8	☐			5296.60	0.0351	P	6.5

$$y = 0.0055 * x + 4.8007E-004$$

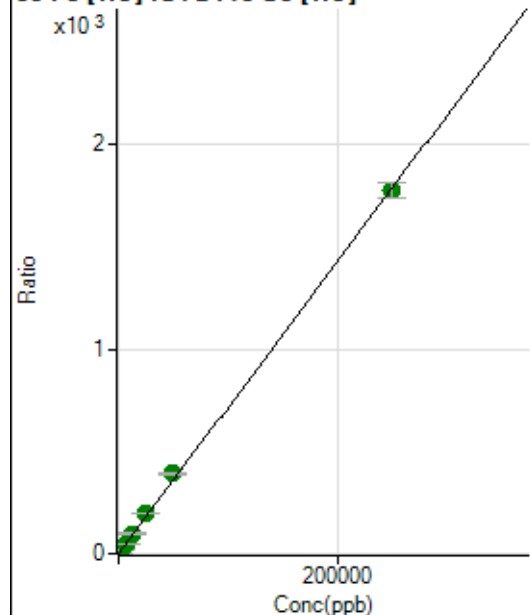
$$R = 1.0000$$

$$DL = 0.03082$$

$$BEC = 0.08783$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4699.01	0.0303	P	4.4
2	☐	50.000	47.328	57908.08	0.3674	P	4.5
3	☐	2500.000	2780.959	3054541.71	19.8404	A	0.3
4	☐	6250.000	6921.479	7403354.68	49.3353	A	2.0
5	☐	12500.000	13733.748	14268242.80	97.8623	A	3.4
6	☐	25000.000	27400.742	28666727.49	195.2188	A	1.4
7	☐	50000.000	54718.785	60565558.76	389.8181	A	0.5
8	☐	250000.00	248734.88	267608530.0	1,771.886	A	4.1

$$y = 0.0071 * x + 0.0303$$

$$R = 0.9998$$

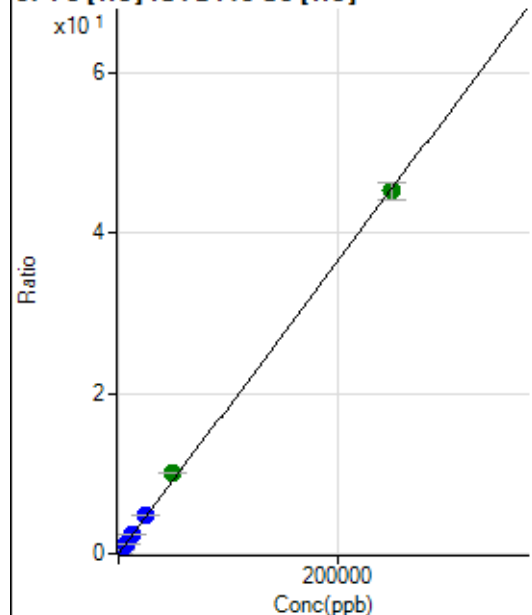
$$DL = 0.5558$$

$$BEC = 4.253$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0011	P	23.9
2	☐	50.000	47.329	1524.19	0.0097	P	9.7
3	☐	2500.000	2597.174	72857.73	0.4732	P	1.3
4	☐	6250.000	6489.518	177191.56	1.1808	P	2.7
5	☐	12500.000	12893.865	341917.09	2.3451	P	2.2
6	☐	25000.000	25998.018	694177.84	4.7273	P	1.4
7	☐	50000.000	55397.857	1564813.43	10.0719	A	2.0
8	☐	250000.00	248793.97	6830753.91	45.2297	A	4.5

$$y = 1.8179\text{E-}004 * x + 0.0011$$

$$R = 0.9997$$

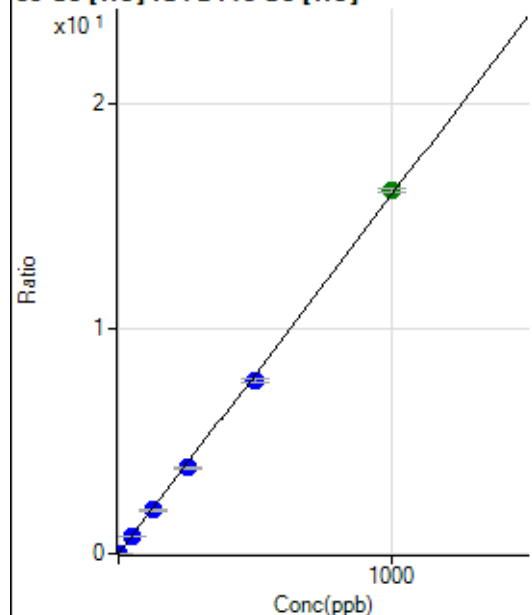
$$DL = 4.234$$

$$BEC = 5.91$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0004	P	2.6
2	☐	1.000	0.919	2370.22	0.0150	P	3.7
3	☐	50.000	49.053	120384.31	0.7819	P	0.8
4	☐	125.000	121.383	290262.72	1.9343	P	1.8
5	☐	250.000	240.119	557845.97	3.8261	P	2.1
6	☐	500.000	482.378	1128561.10	7.6858	P	3.1
7	☐	1000.000	1011.781	2504651.96	16.1205	A	1.1
8	☐			6206.97	0.0411	P	6.3

$$y = 0.0159 * x + 4.0108\text{E-}004$$

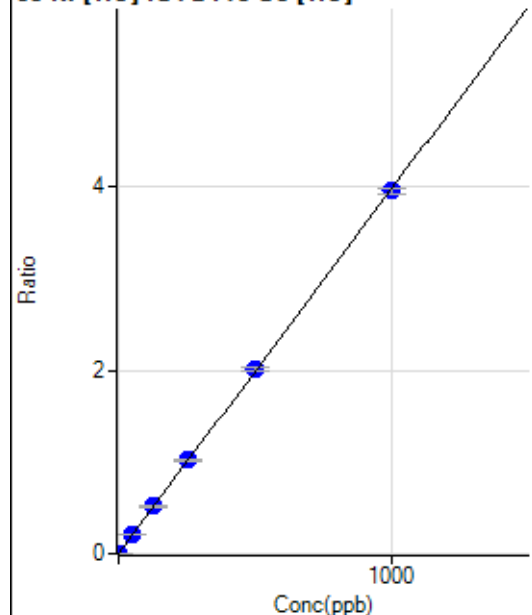
$$R = 0.9997$$

$$DL = 0.001948$$

$$BEC = 0.02517$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	297.78	0.0019	P	4.8
2	☐	1.000	0.925	882.26	0.0056	P	8.7
3	☐	50.000	53.241	32893.69	0.2137	P	0.8
4	☐	125.000	129.665	77665.26	0.5176	P	1.7
5	☐	250.000	257.261	149447.71	1.0250	P	2.5
6	☐	500.000	505.161	295281.08	2.0109	P	1.6
7	☐	1000.000	994.859	615014.26	3.9583	P	1.6
8	☐			3532.69	0.0234	P	5.8

$$y = 0.0040 * x + 0.0019$$

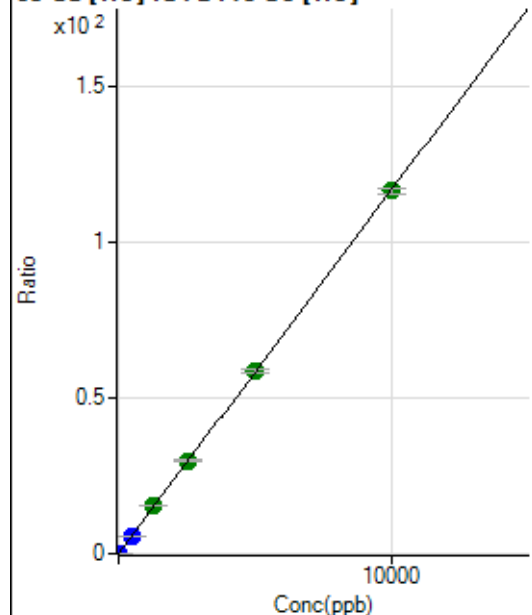
$$R = 0.9999$$

$$DL = 0.06926$$

$$BEC = 0.4827$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	445.57	0.0029	P	6.9
2	☐	2.000	1.834	3819.44	0.0242	P	6.0
3	☐	500.000	491.603	882380.67	5.7315	P	0.4
4	☐	1250.000	1310.964	2292728.28	15.2794	A	1.4
5	☐	2500.000	2553.859	4339421.60	29.7627	A	2.5
6	☐	5000.000	5011.016	8574948.90	58.3957	A	1.9
7	☐	10000.000	9973.827	18058420.01	116.2268	A	1.6
8	☐			7031.80	0.0466	P	5.4

$$y = 0.0117 * x + 0.0029$$

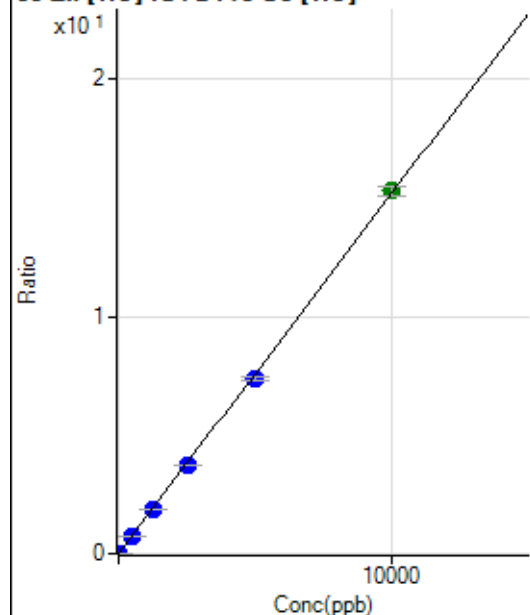
$$R = 1.0000$$

$$DL = 0.05109$$

$$BEC = 0.2464$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	247.79	0.0016	P	7.6
2	☐	2.000	2.255	791.14	0.0050	P	12.1
3	☐	500.000	492.115	115237.12	0.7485	P	0.5
4	☐	1250.000	1239.080	282393.93	1.8822	P	1.3
5	☐	2500.000	2460.705	544765.54	3.7363	P	1.4
6	☐	5000.000	4865.204	1084485.02	7.3857	P	2.8
7	☐	10000.000	10078.981	2377052.10	15.2988	A	2.8
8	☐			5359.95	0.0355	P	2.8

$$y = 0.0015 * x + 0.0016$$

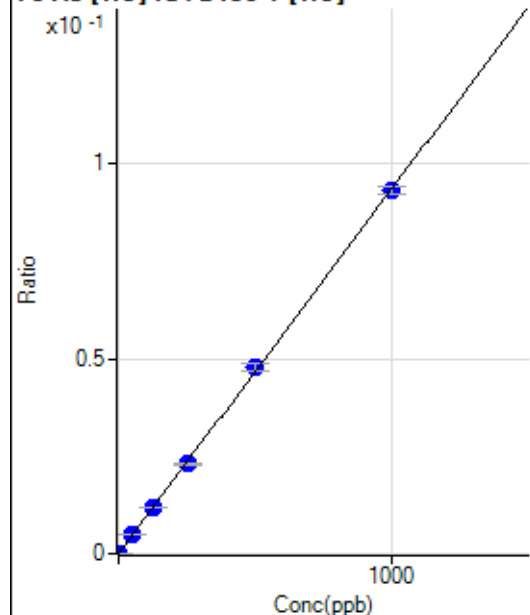
$$R = 0.9999$$

$$DL = 0.2413$$

$$BEC = 1.052$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.00	0.0000	P	33.8
2	☐	1.000	1.047	156.02	0.0001	P	6.1
3	☐	50.000	50.666	7246.59	0.0047	P	1.1
4	☐	125.000	126.181	17473.52	0.0118	P	2.2
5	☐	250.000	246.791	33216.86	0.0231	P	1.2
6	☐	500.000	510.214	67145.92	0.0477	P	4.2
7	☐	1000.000	995.515	141548.82	0.0931	P	2.1
8	☐			78.01	0.0001	P	10.1

$$y = 9.3553E-005 * x + 1.9944E-006$$

$$R = 0.9999$$

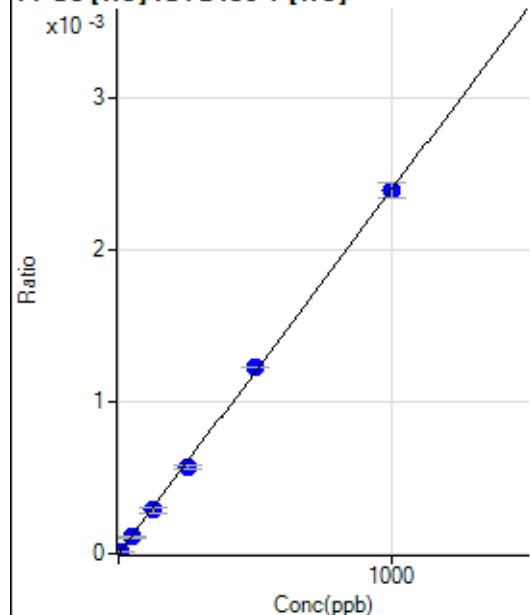
$$DL = 0.02162$$

$$BEC = 0.02132$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.167	15.56	0.0000	P	33.7
3	☐	50.000	45.343	166.67	0.0001	P	20.5
4	☐	125.000	119.937	426.68	0.0003	P	12.4
5	☐	250.000	238.123	822.26	0.0006	P	5.1
6	☐	500.000	513.693	1735.68	0.0012	P	0.5
7	☐	1000.000	996.993	3636.06	0.0024	P	4.4
8	☐			3.33	0.0000	P	100.

$$y = 2.3999\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

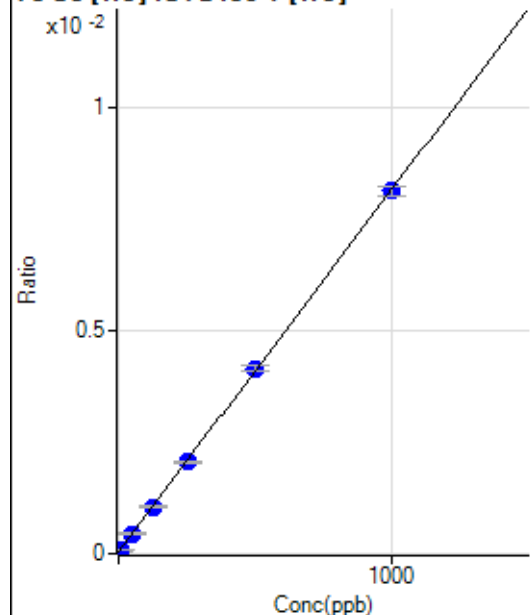
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.68	0.0000	P	16.1
2	☐	5.000	3.584	111.34	0.0001	P	14.9
3	☐	50.000	49.548	679.42	0.0004	P	5.3
4	☐	125.000	123.806	1550.58	0.0010	P	4.1
5	☐	250.000	248.001	2958.28	0.0021	P	2.7
6	☐	500.000	507.160	5853.48	0.0042	P	3.7
7	☐	1000.000	997.099	12370.33	0.0081	P	2.8
8	☐			67.34	0.0000	P	9.4

$$y = 8.1207\text{E-}006 * x + 4.2267\text{E-}005$$

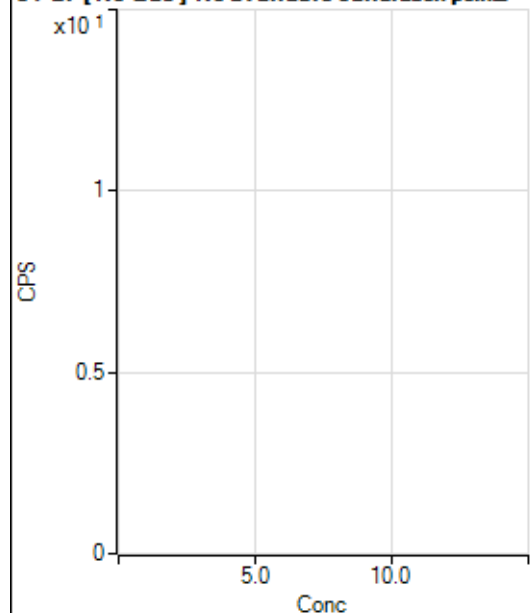
$$R = 1.0000$$

$$DL = 2.51$$

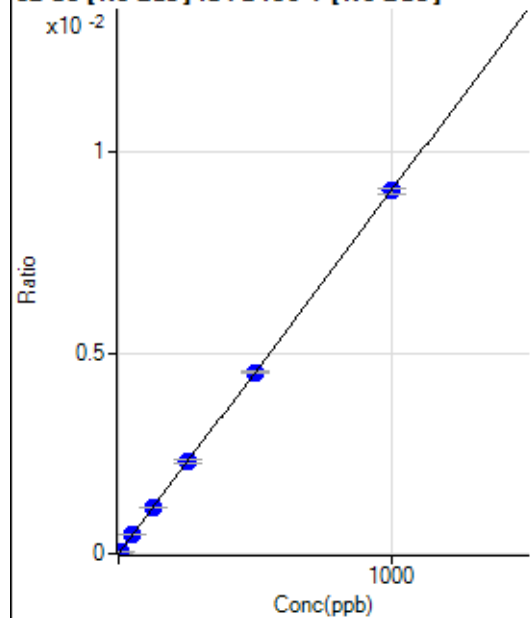
$$BEC = 5.205$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34223.96		P	2.1
2	☐			35023.38		P	2.1
3	☐			33698.92		P	2.7
4	☐			33116.62		P	3.5
5	☐			30899.45		P	2.2
6	☐			31471.31		P	1.2
7	☐			32160.38		P	1.6
8	☐			31063.33		P	1.7

82 Se [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.92	0.0000	P	113.
2	☐	5.000	4.636	497.08	0.0000	P	4.3
3	☐	50.000	51.117	5186.25	0.0005	P	2.0
4	☐	125.000	125.974	12790.82	0.0011	P	0.6
5	☐	250.000	254.232	25405.86	0.0023	P	2.6
6	☐	500.000	499.349	50158.62	0.0045	P	1.7
7	☐	1000.000	999.092	104617.78	0.0090	P	1.8
8	☐			258.33	0.0000	P	7.4

$$y = 9.0398E-006 * x + 1.1087E-006$$

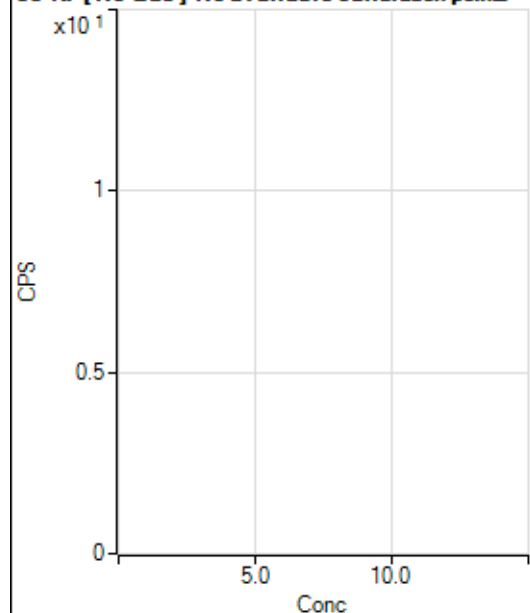
$$R = 1.0000$$

$$DL = 0.4185$$

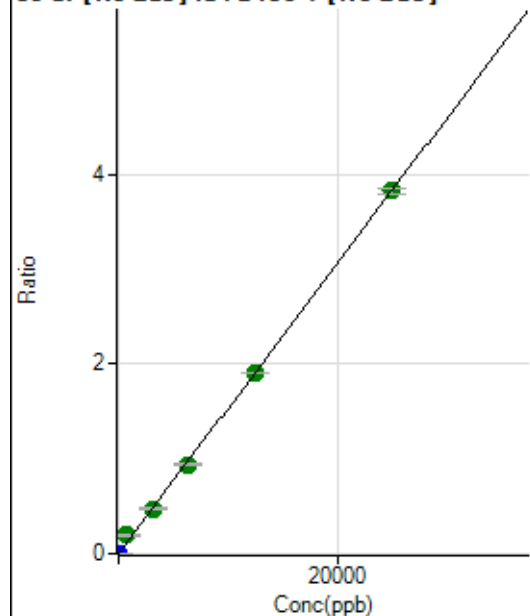
$$BEC = 0.1226$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1348.65		P	1.5
2	☐			1341.98		P	1.0
3	☐			1398.65		P	0.8
4	☐			1293.65		P	3.4
5	☐			1314.49		P	4.7
6	☐			1303.24		P	5.3
7	☐			1364.48		P	0.7
8	☐			1341.98		P	2.1

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2191.91	0.0002	P	5.6
2	☐	1.000	0.901	3789.50	0.0003	P	2.3
3	☐	625.000	1269.057	2175583.43	0.1943	A	3.4
4	☐	3125.000	3095.706	5315566.87	0.4737	A	3.1
5	☐	6250.000	6155.632	10405986.95	0.9418	A	2.6
6	☐	12500.000	12466.134	21185257.77	1.9070	A	0.9
7	☐	25000.000	25028.085	44343510.71	3.8285	A	1.7
8	☐			28158.45	0.0025	P	26.6

$$y = 1.5296E-004 * x + 1.9001E-004$$

$$R = 0.9996$$

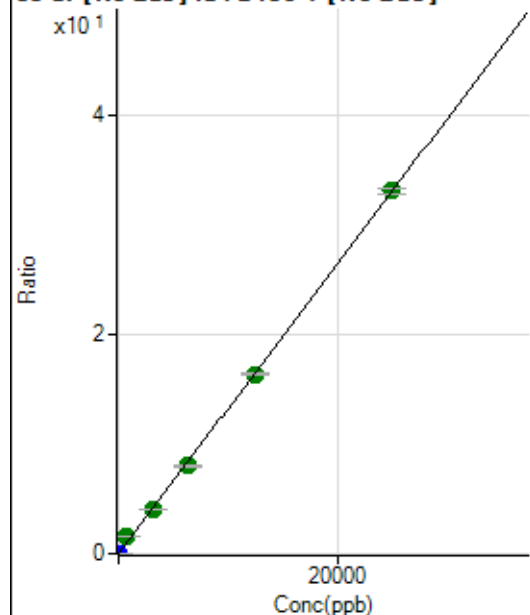
$$DL = 0.2091$$

$$BEC = 1.242$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	347.24	0.0000	P	11.9
2	☐	1.000	0.921	14371.63	0.0012	P	1.5
3	☐	625.000	1242.289	18319460.65	1.6361	A	3.1
4	☐	3125.000	3047.543	45038318.02	4.0137	A	1.3
5	☐	6250.000	6112.881	88955852.68	8.0507	A	2.2
6	☐	12500.000	12385.377	181209213.7	16.3117	A	1.2
7	☐	25000.000	25085.841	382727561.3	33.0383	A	1.3
8	☐			219365.63	0.0196	P	29.9

$$y = 0.0013 * x + 3.0055E-005$$

$$R = 0.9996$$

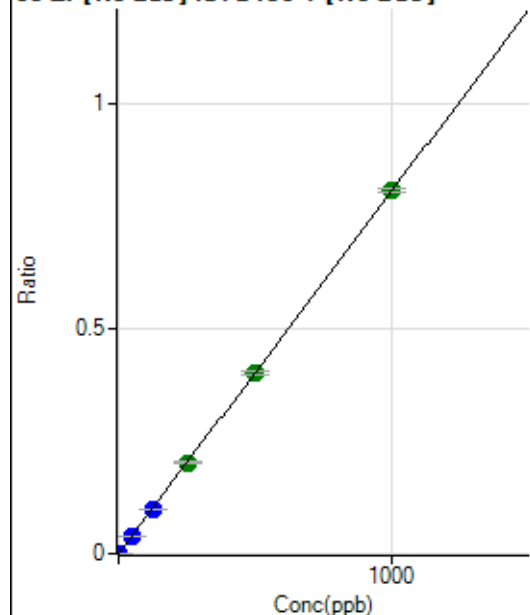
$$DL = 0.008148$$

$$BEC = 0.02282$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	419.46	0.0000	P	8.8
2	☐	1.000	0.891	8705.72	0.0008	P	6.5
3	☐	50.000	49.111	443131.02	0.0396	P	1.8
4	☐	125.000	120.990	1093341.61	0.0974	P	2.0
5	☐	250.000	250.547	2229211.25	0.2017	A	2.3
6	☐	500.000	497.885	4453766.29	0.4009	A	2.4
7	☐	1000.000	1001.467	9339927.64	0.8063	A	1.2
8	☐			7888.64	0.0007	P	21.1

$$y = 8.0509E-004 * x + 3.6371E-005$$

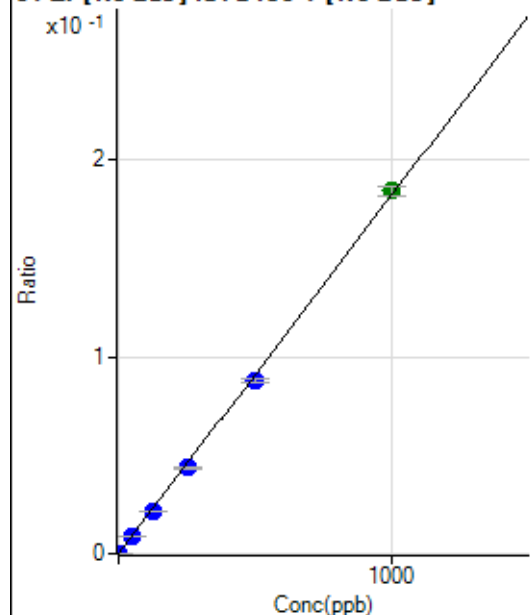
$$R = 1.0000$$

$$DL = 0.01194$$

$$BEC = 0.04518$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	55.0
2	☐	1.000	0.913	2002.98	0.0002	P	3.1
3	☐	50.000	48.765	99527.55	0.0089	P	3.7
4	☐	125.000	118.917	243157.36	0.0217	P	1.5
5	☐	250.000	239.002	481180.05	0.0435	P	1.0
6	☐	500.000	482.636	976855.14	0.0879	P	1.5
7	☐	1000.000	1012.253	2136260.18	0.1844	A	2.3
8	☐			1805.73	0.0002	P	24.8

$$y = 1.8218\text{E-}004 * x + 6.7749\text{E-}006$$

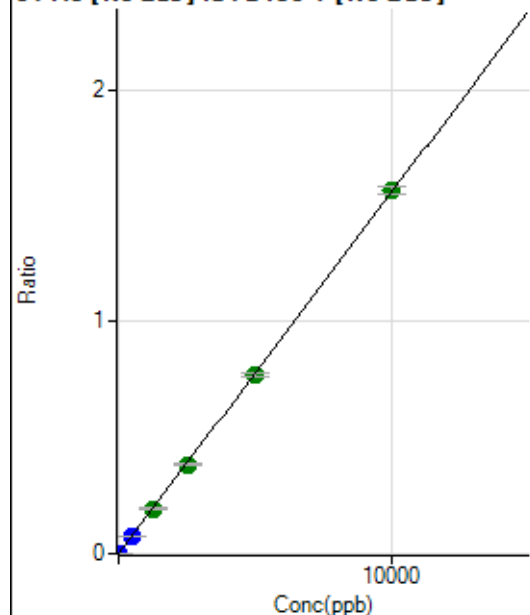
$$R = 0.9997$$

$$DL = 0.06141$$

$$BEC = 0.03719$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.00	0.0000	P	28.1
2	☐	5.000	5.485	9995.51	0.0009	P	6.4
3	☐	500.000	494.965	863370.91	0.0771	P	2.3
4	☐	1250.000	1244.453	2174991.02	0.1938	A	2.8
5	☐	2500.000	2456.688	4228130.95	0.3827	A	2.6
6	☐	5000.000	4945.880	8558274.41	0.7704	A	1.3
7	☐	10000.000	10038.833	18111027.31	1.5637	A	2.2
8	☐			11658.24	0.0010	P	24.6

$$y = 1.5576\text{E-}004 * x + 1.0860\text{E-}005$$

$$R = 1.0000$$

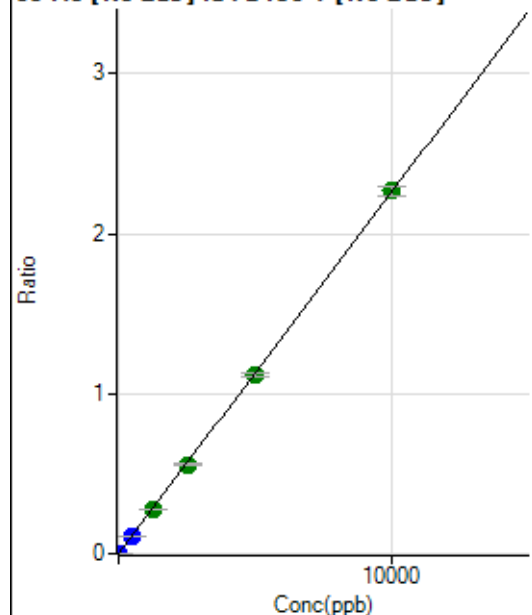
$$DL = 0.05878$$

$$BEC = 0.06972$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	64.3
2	☐	5.000	4.650	12163.91	0.0011	P	4.5
3	☐	500.000	497.577	1259241.19	0.1125	P	1.9
4	☐	1250.000	1236.122	3134704.69	0.2794	A	2.0
5	☐	2500.000	2450.967	6120241.33	0.5539	A	2.4
6	☐	5000.000	4957.247	12447090.29	1.1204	A	2.3
7	☐	10000.000	10035.491	26270424.03	2.2680	A	2.3
8	☐			15070.16	0.0013	P	29.8

$$y = 2.2600\text{E-}004 * x + 1.6743\text{E-}006$$

$$R = 1.0000$$

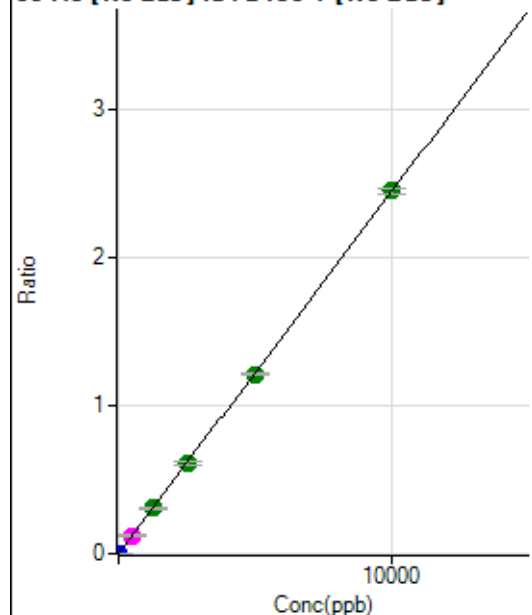
$$DL = 0.01429$$

$$BEC = 0.007409$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	208.34	0.0000	P	22.0
2	☐	5.000	4.723	13556.93	0.0012	P	4.3
3	☐	500.000	500.485	1371007.84	0.1224	M	2.7
4	☐	1250.000	1249.212	3428296.73	0.3055	A	2.3
5	☐	2500.000	2489.228	6726462.04	0.6088	A	2.7
6	☐	5000.000	4961.418	13480270.18	1.2134	A	1.2
7	☐	10000.000	10022.058	28389618.69	2.4511	A	1.7
8	☐			28032.39	0.0025	P	16.6

$$y = 2.4457\text{E-}004 * x + 1.8079\text{E-}005$$

$$R = 1.0000$$

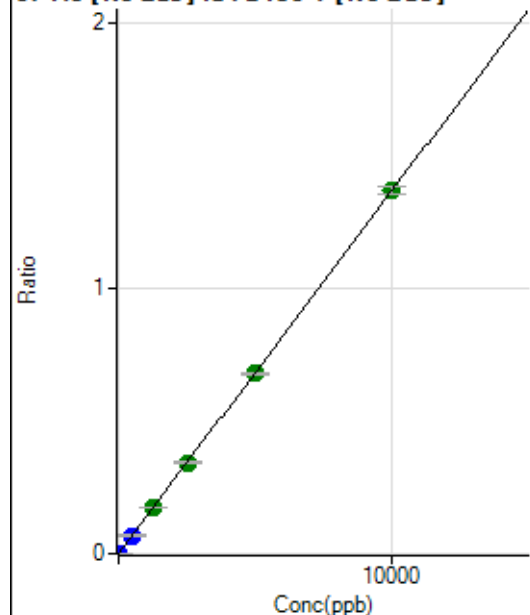
$$DL = 0.04878$$

$$BEC = 0.07392$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	5.000	4.756	7524.43	0.0007	P	4.2
3	☐	500.000	502.381	768924.14	0.0687	P	2.7
4	☐	1250.000	1265.152	1940384.74	0.1729	A	1.9
5	☐	2500.000	2510.016	3790421.96	0.3431	A	2.5
6	☐	5000.000	4964.003	7537420.39	0.6785	A	1.3
7	☐	10000.000	10013.481	15851589.24	1.3686	A	2.2
8	☐			8825.43	0.0008	P	27.4

$$y = 1.3668\text{E-}004 * x + 9.6964\text{E-}007$$

$$R = 1.0000$$

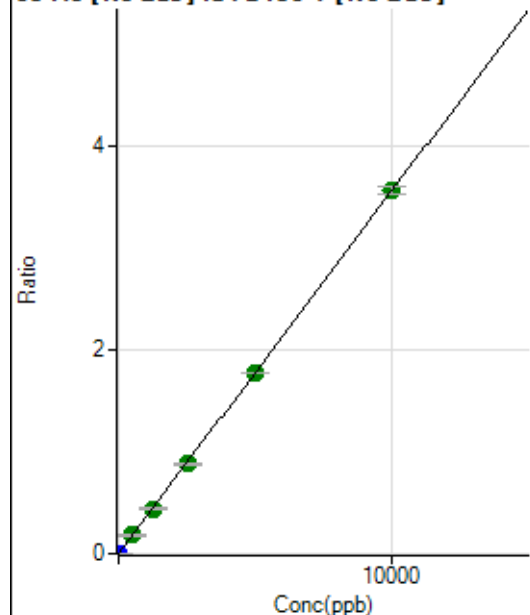
$$DL = 0.01843$$

$$BEC = 0.007094$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	23.6
2	☐	5.000	4.679	19308.34	0.0017	P	4.7
3	☐	500.000	504.800	2007672.90	0.1793	A	1.9
4	☐	1250.000	1243.753	4956307.66	0.4417	A	1.1
5	☐	2500.000	2476.799	9718866.71	0.8796	A	1.9
6	☐	5000.000	4991.615	19693924.40	1.7727	A	0.5
7	☐	10000.000	10010.534	41175300.92	3.5551	A	2.0
8	☐			22867.84	0.0020	P	28.3

$$y = 3.5514\text{E-}004 * x + 8.9084\text{E-}006$$

$$R = 1.0000$$

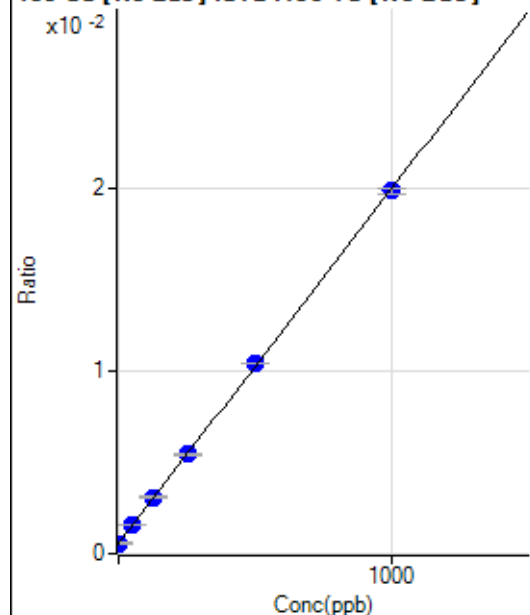
$$DL = 0.01777$$

$$BEC = 0.02508$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3778.39	0.0006	P	6.2
2	☐	1.000	0.499	3839.51	0.0006	P	5.7
3	☐	50.000	52.232	10457.04	0.0016	P	2.2
4	☐	125.000	130.551	20524.15	0.0031	P	3.5
5	☐	250.000	251.666	36758.13	0.0055	P	1.9
6	☐	500.000	508.983	70413.73	0.0105	P	0.4
7	☐	1000.000	994.287	141337.54	0.0199	P	1.5
8	☐			3808.95	0.0006	P	5.3

$$y = 1.9447\text{E-}005 * x + 5.5989\text{E-}004$$

$$R = 0.9999$$

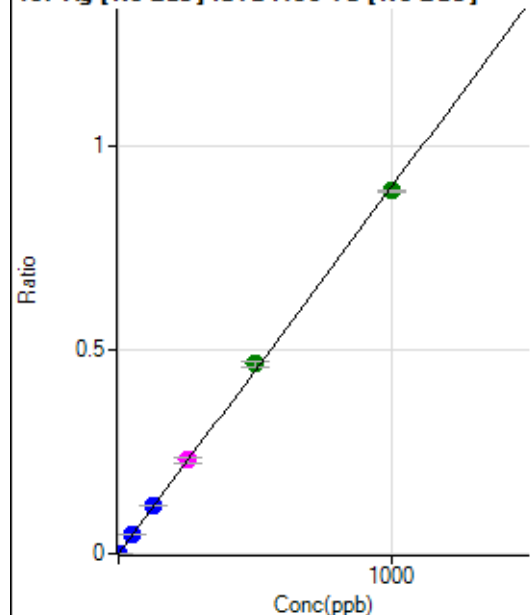
$$DL = 5.346$$

$$BEC = 28.79$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	37.2
2	☐	1.000	0.983	6023.70	0.0009	P	8.1
3	☐	50.000	51.967	310265.77	0.0467	P	2.0
4	☐	125.000	128.835	767611.25	0.1159	P	0.3
5	☐	250.000	255.896	1551028.31	0.2302	M	5.5
6	☐	500.000	516.978	3130533.84	0.4650	A	3.0
7	☐	1000.000	989.459	6322523.10	0.8899	A	0.4
8	☐			3989.58	0.0006	P	22.9

$$y = 8.9941\text{E-}004 * x + 1.0301\text{E-}005$$

$$R = 0.9998$$

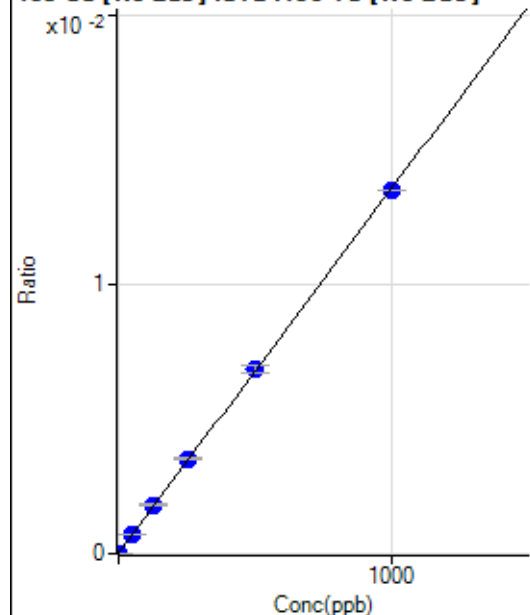
$$DL = 0.01279$$

$$BEC = 0.01145$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.28	0.0000	P	9.9
2	☐	1.000	0.789	187.50	0.0000	P	5.8
3	☐	50.000	51.621	4757.82	0.0007	P	2.3
4	☐	125.000	132.260	11987.28	0.0018	P	3.8
5	☐	250.000	257.966	23684.37	0.0035	P	1.5
6	☐	500.000	506.398	46333.37	0.0069	P	3.7
7	☐	1000.000	993.821	95838.51	0.0135	P	0.1
8	☐			181.95	0.0000	P	11.3

$$y = 1.3557\text{E-}005 * x + 1.7086\text{E-}005$$

$$R = 0.9999$$

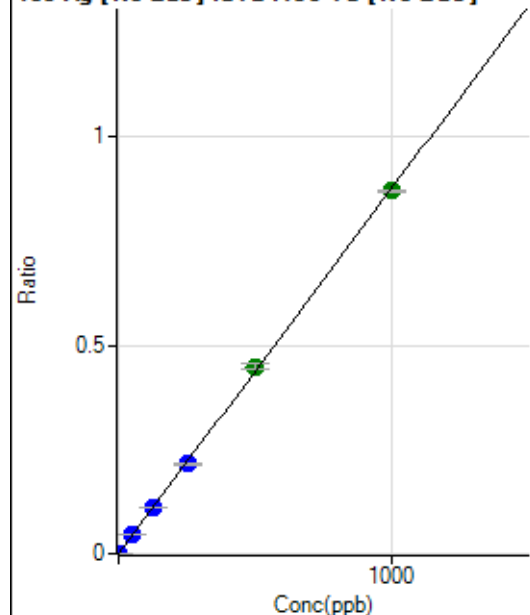
$$DL = 0.3748$$

$$BEC = 1.26$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	48.5
2	☐	1.000	1.008	5987.58	0.0009	P	4.1
3	☐	50.000	52.214	303639.51	0.0458	P	2.6
4	☐	125.000	127.643	740778.07	0.1118	P	0.8
5	☐	250.000	245.243	1448141.32	0.2149	P	0.9
6	☐	500.000	513.618	3029537.94	0.4500	A	3.6
7	☐	1000.000	993.939	6186417.93	0.8708	A	0.8
8	☐			3758.96	0.0005	P	23.7

$$y = 8.7612\text{E-}004 * x + 5.3577\text{E-}006$$

$$R = 0.9998$$

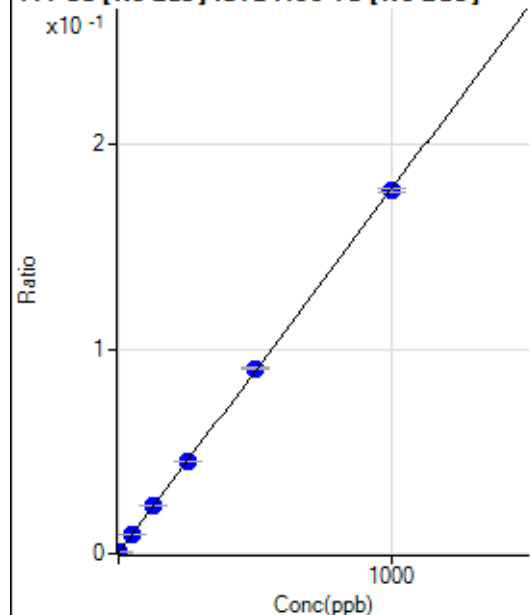
$$DL = 0.008894$$

$$BEC = 0.006115$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2583.63	0.0004	P	6.0
2	☐	1.000	0.989	3763.42	0.0006	P	4.1
3	☐	50.000	51.916	63797.93	0.0096	P	2.1
4	☐	125.000	131.281	157139.22	0.0237	P	0.8
5	☐	250.000	251.381	303786.65	0.0451	P	1.6
6	☐	500.000	507.500	610055.25	0.0906	P	1.4
7	☐	1000.000	995.024	1259587.21	0.1773	P	1.0
8	☐			3263.93	0.0005	P	6.3

$$y = 1.7779\text{E-}004 * x + 3.8285\text{E-}004$$

$$R = 0.9999$$

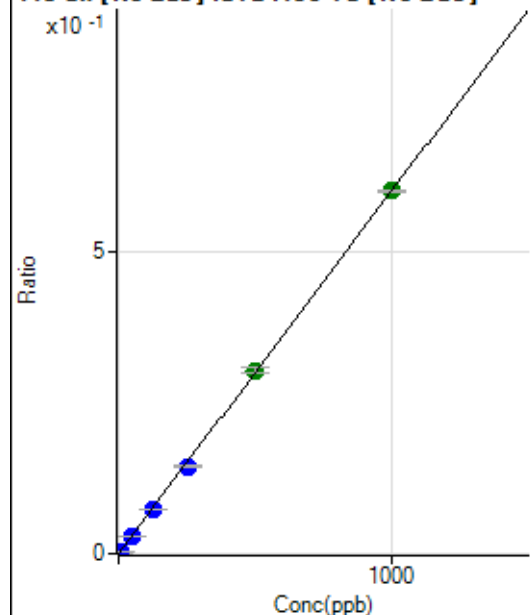
$$DL = 0.3867$$

$$BEC = 2.153$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1088.97	0.0002	P	8.7
2	☐	5.000	4.774	20379.51	0.0030	P	5.7
3	☐	50.000	49.387	197759.14	0.0298	P	1.8
4	☐	125.000	121.302	483214.12	0.0730	P	0.6
5	☐	250.000	240.471	973609.74	0.1445	P	1.8
6	☐	500.000	504.295	2038593.36	0.3028	A	3.1
7	☐	1000.000	1000.729	4267302.79	0.6007	A	0.8
8	☐			6376.68	0.0009	P	14.5

$$y = 6.0008\text{E-}004 * x + 1.6138\text{E-}004$$

$$R = 0.9999$$

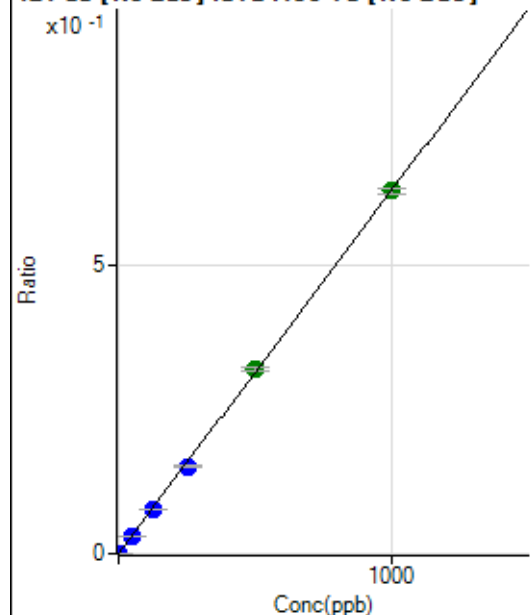
$$DL = 0.07025$$

$$BEC = 0.2689$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.9
2	☐	2.000	1.850	7849.68	0.0012	P	4.6
3	☐	50.000	49.311	205465.38	0.0310	P	3.3
4	☐	125.000	122.302	508595.30	0.0768	P	1.0
5	☐	250.000	239.921	1015073.37	0.1506	P	1.7
6	☐	500.000	507.295	2144167.78	0.3185	A	1.9
7	☐	1000.000	999.245	4456253.92	0.6273	A	1.5
8	☐			4831.55	0.0007	P	4.8

$$y = 6.2775\text{E-}004 * x + 4.1227\text{E-}006$$

$$R = 0.9999$$

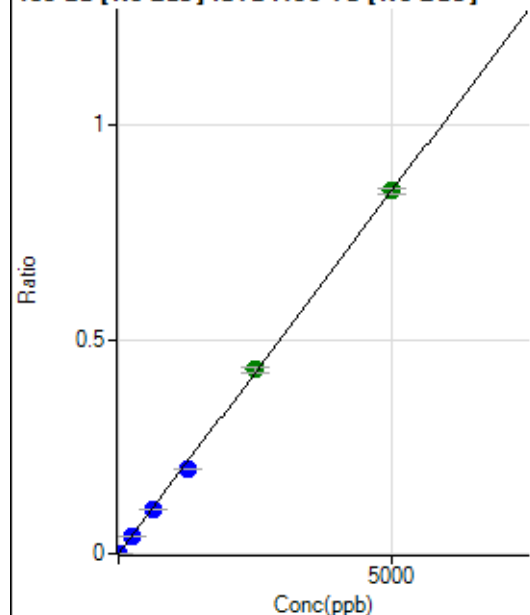
$$DL = 0.01239$$

$$BEC = 0.006567$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0000	P	42.8
2	☐	10.000	8.978	10256.93	0.0015	P	5.6
3	☐	250.000	246.867	277063.25	0.0417	P	1.9
4	☐	625.000	606.892	679719.07	0.1026	P	1.1
5	☐	1250.000	1167.937	1330982.13	0.1975	P	1.4
6	☐	2500.000	2537.816	2889066.56	0.4291	A	3.4
7	☐	5000.000	5004.030	6010676.52	0.8461	A	1.6
8	☐			4848.27	0.0007	P	25.4

$$y = 1.6909\text{E-}004 * x + 4.9261\text{E-}006$$

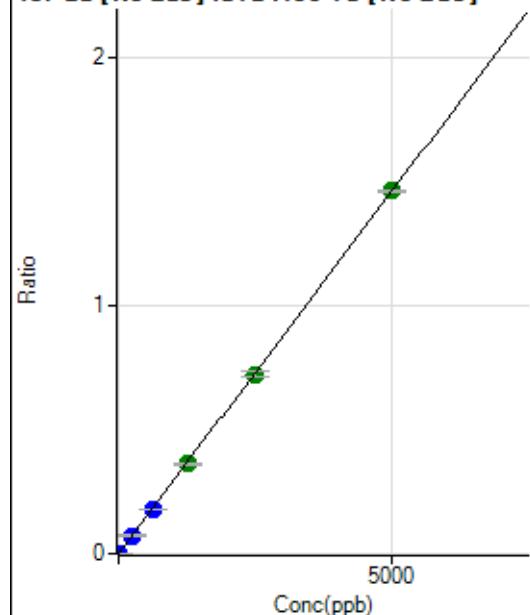
$$R = 0.9998$$

$$DL = 0.03737$$

$$BEC = 0.02913$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	58.7
2	☐	10.000	9.049	17823.19	0.0026	P	1.2
3	☐	250.000	249.645	483308.79	0.0728	P	2.4
4	☐	625.000	619.297	1196588.26	0.1806	P	0.5
5	☐	1250.000	1243.147	2443881.37	0.3626	A	1.9
6	☐	2500.000	2481.841	4873954.53	0.7239	A	3.2
7	☐	5000.000	5011.525	10385606.65	1.4618	A	0.5
8	☐			8525.21	0.0012	P	24.0

$$y = 2.9169E-004 * x + 3.7163E-006$$

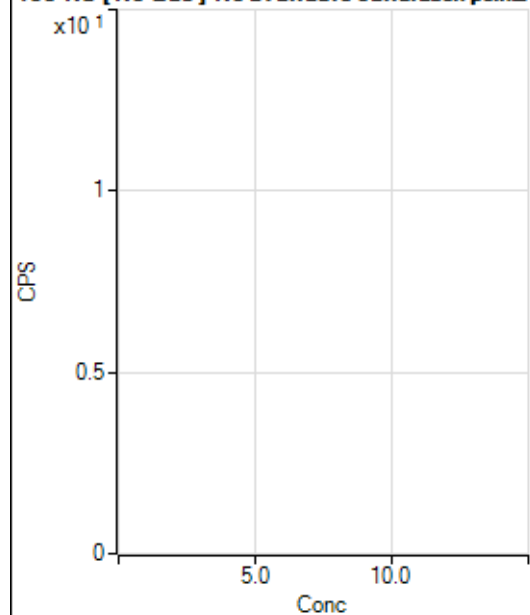
$$R = 1.0000$$

$$DL = 0.02243$$

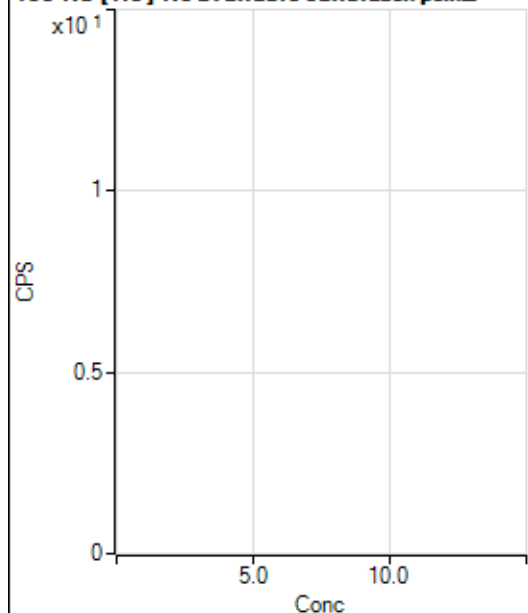
$$BEC = 0.01274$$

Weight: <None>

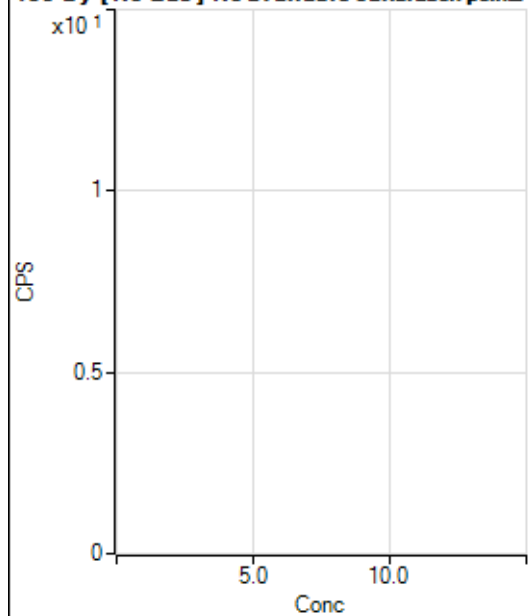
Min Conc: 0

150 Nd [No Gas] No available calibration points

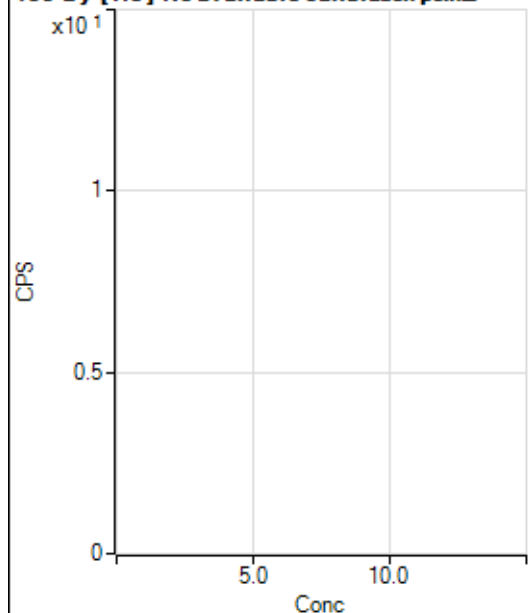
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			4.45		P	86.6
3	☐			28.89		P	35.2
4	☐			46.67		P	0.0
5	☐			97.78		P	47.9
6	☐			177.78		P	7.8
7	☐			386.68		P	26.0
8	☐			66.67		P	26.5

150 Nd [He] No available calibration points

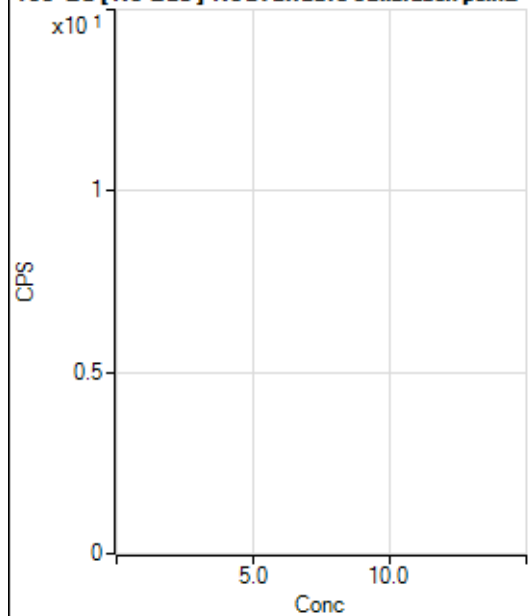
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			6.67		P	100.
4	☐			3.33		P	100.
5	☐			4.44		P	114.
6	☐			15.56		P	12.4
7	☐			31.11		P	43.3
8	☐			33.33		P	30.0

156 Dy [No Gas] No available calibration points

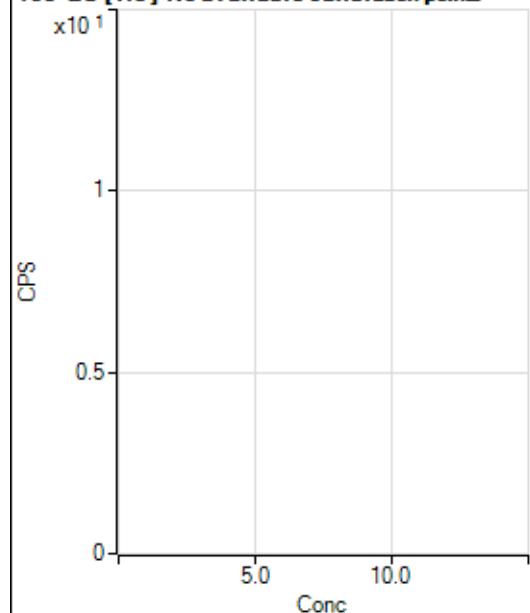
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			2.78		P	173.
3	☐			11.11		P	43.3
4	☐			27.78		P	62.5
5	☐			61.11		P	15.7
6	☐			102.78		P	28.5
7	☐			219.46		P	20.9
8	☐			525.02		P	22.2

156 Dy [He] No available calibration points

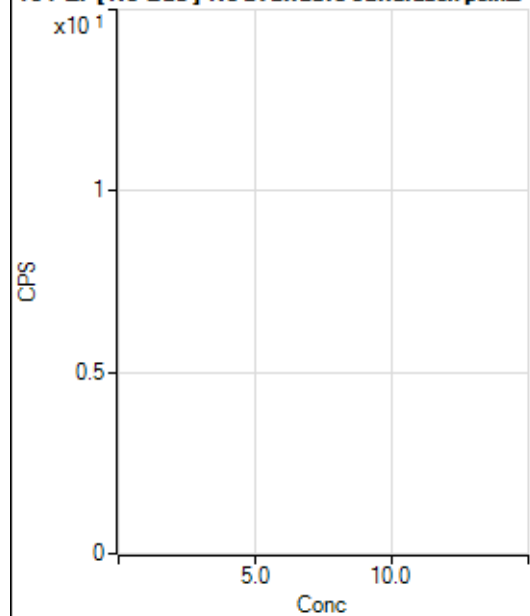
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			5.55		P	124.
3	☐			6.67		P	0.0
4	☐			11.11		P	34.6
5	☐			26.66		P	57.3
6	☐			45.55		P	49.8
7	☐			78.89		P	13.6
8	☐			187.78		P	14.8

160 Gd [No Gas] Noavailable calibration poin_

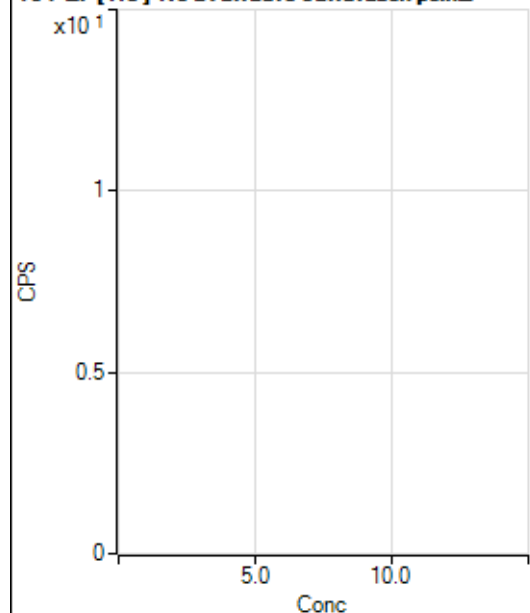
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐			38.89		P	68.9
3	☐			61.11		P	47.9
4	☐			44.44		P	60.3
5	☐			75.00		P	22.2
6	☐			113.89		P	51.4
7	☐			141.67		P	15.6
8	☐			366.68		P	30.1

160 Gd [He] No available calibration points

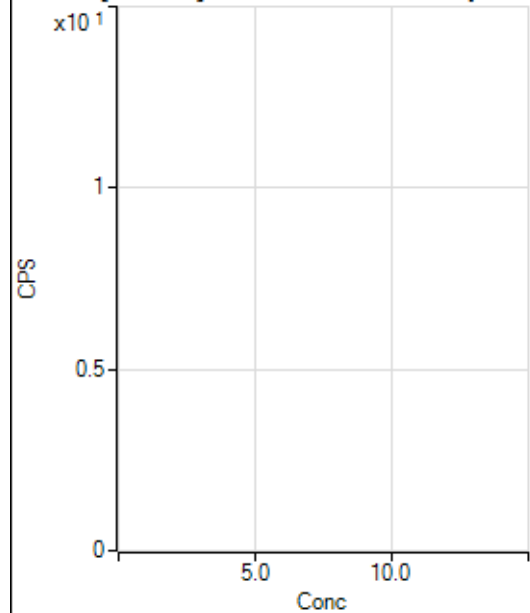
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	8.2
2	☐			61.11		P	3.1
3	☐			67.78		P	17.3
4	☐			81.11		P	12.6
5	☐			91.11		P	5.6
6	☐			91.11		P	5.6
7	☐			92.22		P	19.9
8	☐			247.78		P	16.2

164 Er [No Gas] No available calibration points

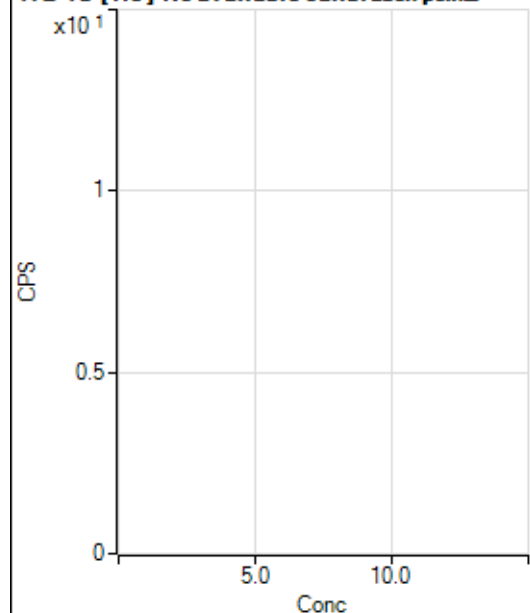
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	28.6
2	☐			33.33		P	43.3
3	☐			33.33		P	25.0
4	☐			38.89		P	61.9
5	☐			47.22		P	50.9
6	☐			52.78		P	63.8
7	☐			83.34		P	30.0
8	☐			83.34		P	50.0

164 Er [He] No available calibration points

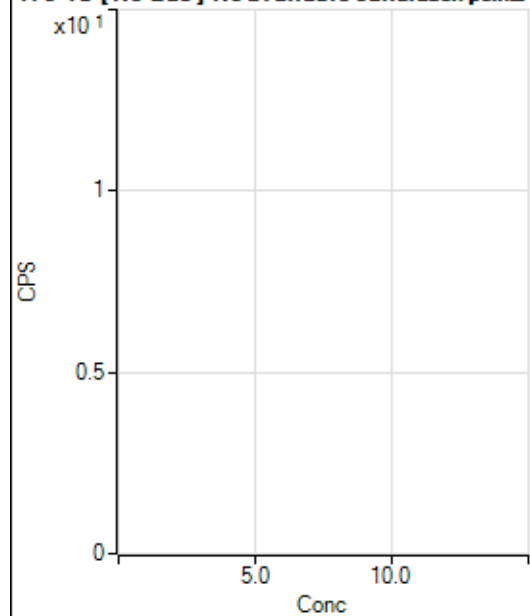
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	34.6
2	☐			16.67		P	52.9
3	☐			25.56		P	39.8
4	☐			21.11		P	36.5
5	☐			28.89		P	35.2
6	☐			25.56		P	39.8
7	☐			26.67		P	33.1
8	☐			41.11		P	20.4

172 Yb [No Gas] No available calibration points

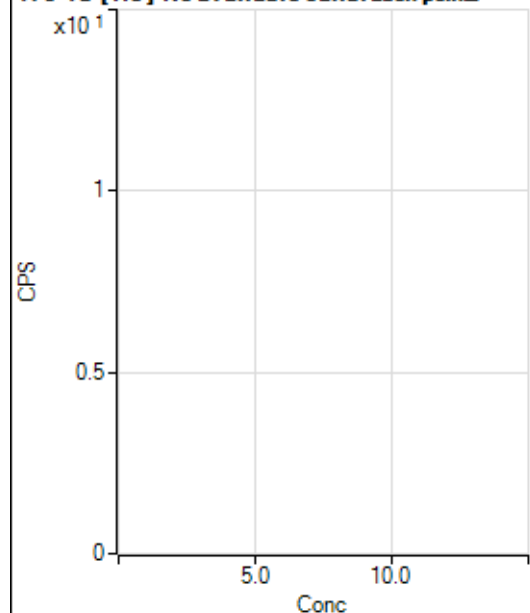
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.55		P	37.8
2	☐			36.11		P	35.3
3	☐			30.56		P	83.3
4	☐			58.33		P	24.7
5	☐			44.44		P	60.3
6	☐			75.00		P	38.5
7	☐			94.44		P	51.7
8	☐			130.56		P	26.6

172 Yb [He] No available calibration points

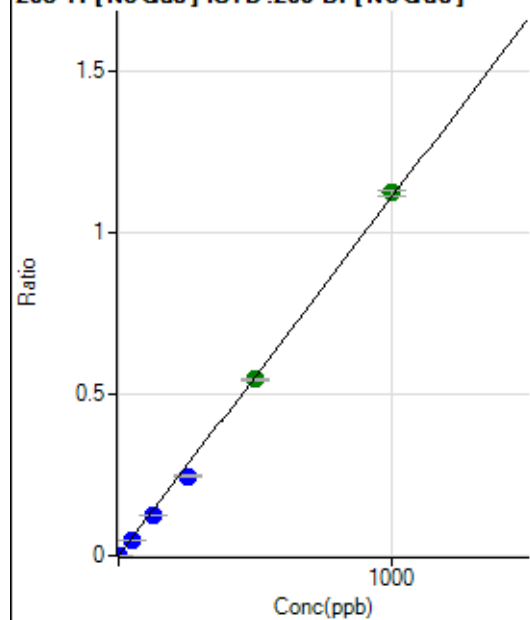
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.07		P	58.1
2	☐			18.52		P	34.6
3	☐			9.26		P	69.2
4	☐			12.96		P	24.8
5	☐			22.22		P	66.1
6	☐			35.19		P	18.2
7	☐			59.26		P	28.6
8	☐			81.48		P	35.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1069.52		P	5.8
2	☐			1036.18		P	11.4
3	☐			1783.51		P	12.4
4	☐			2961.52		P	1.7
5	☐			5087.24		P	4.4
6	☐			9500.89		P	0.5
7	☐			18911.25		P	3.2
8	☐			1008.40		P	6.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5067.72		P	3.8
2	☐			5149.24		P	2.4
3	☐			5099.23		P	2.0
4	☐			5773.60		P	4.5
5	☐			6640.67		P	2.8
6	☐			8551.06		P	0.7
7	☐			13019.58		P	3.5
8	☐			4876.93		P	5.1

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	241.67	0.0001	P	18.2
2	☐	1.000	0.830	3897.92	0.0010	P	10.4
3	☐	50.000	44.676	189670.81	0.0497	P	1.5
4	☐	125.000	110.966	475299.94	0.1233	P	1.5
5	☐	250.000	222.514	969029.45	0.2471	P	4.4
6	☐	500.000	492.108	2144973.85	0.5464	A	1.7
7	☐	1000.000	1012.838	4484287.56	1.1245	A	1.7
8	☐			3014.33	0.0008	P	22.1

$$y = 0.0011 * x + 6.2009E-005$$

$$R = 0.9995$$

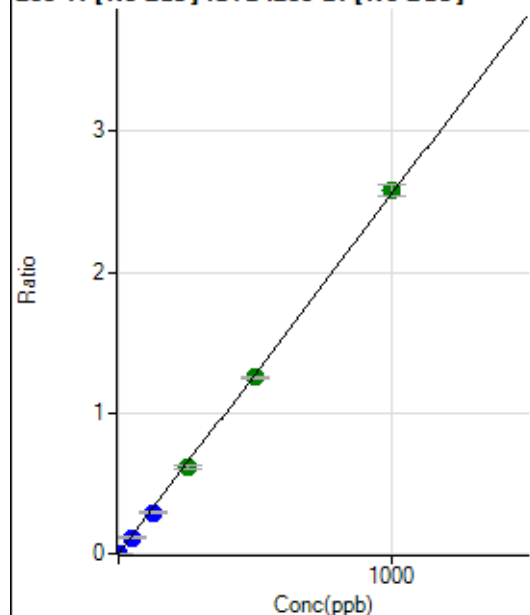
$$DL = 0.03056$$

$$BEC = 0.05585$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	555.58	0.0001	P	6.1
2	☐	1.000	0.833	9000.57	0.0023	P	8.9
3	☐	50.000	45.016	439520.55	0.1151	P	2.3
4	☐	125.000	114.253	1125584.56	0.2919	P	2.0
5	☐	250.000	240.495	2408631.35	0.6142	A	4.8
6	☐	500.000	489.813	4910650.11	1.2508	A	1.1
7	☐	1000.000	1009.062	10274024.10	2.5766	A	3.1
8	☐			7221.76	0.0020	P	22.1

$$y = 0.0026 * x + 1.4257E-004$$

$$R = 0.9998$$

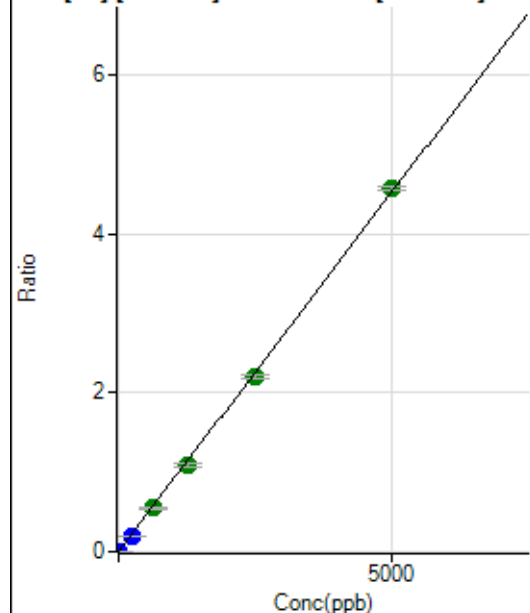
$$DL = 0.01015$$

$$BEC = 0.05584$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	409.27	0.0001	P	10.9
2	☐	1.000	0.838	3415.33	0.0009	P	9.8
3	☐	250.000	221.676	764970.33	0.2003	P	0.6
4	☐	625.000	604.955	2107157.79	0.5464	A	1.8
5	☐	1250.000	1201.300	4254752.09	1.0849	A	4.4
6	☐	2500.000	2429.266	8613411.94	2.1938	A	1.8
7	☐	5000.000	5051.464	18192318.46	4.5618	A	1.2
8	☐			8994.23	0.0025	P	27.3

$$y = 9.0305E-004 * x + 1.0500E-004$$

$$R = 0.9998$$

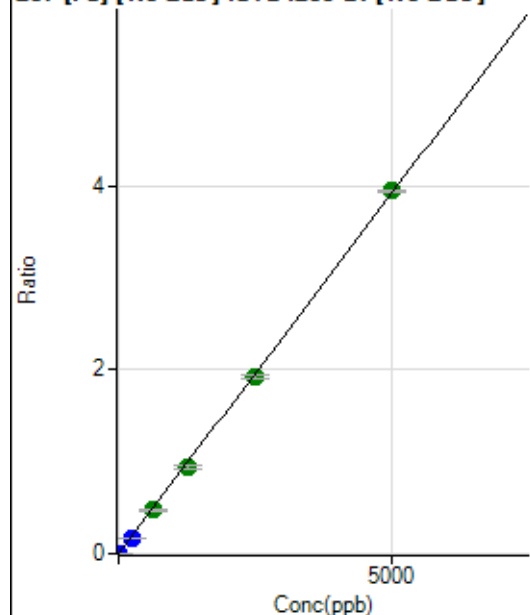
$$DL = 0.03813$$

$$BEC = 0.1163$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.16	0.0001	P	8.3
2	☐	1.000	0.787	2850.37	0.0007	P	8.8
3	☐	250.000	223.958	670736.23	0.1756	P	1.8
4	☐	625.000	607.516	1836333.18	0.4762	A	3.1
5	☐	1250.000	1199.948	3688098.63	0.9404	A	4.5
6	☐	2500.000	2456.708	7559252.48	1.9253	A	2.1
7	☐	5000.000	5037.647	15744304.52	3.9479	A	0.6
8	☐			7858.25	0.0022	P	32.0

$$y = 7.8366E-004 * x + 1.0218E-004$$

R = 0.9999

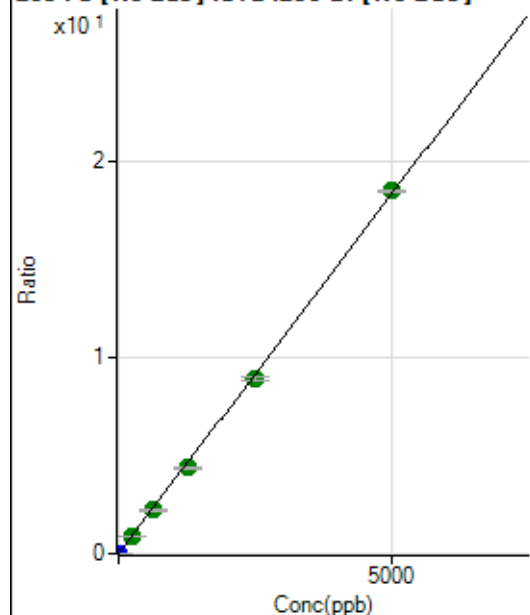
DL = 0.03265

BEC = 0.1304

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1794.52	0.0005	P	3.6
2	☐	1.000	0.865	14393.82	0.0036	P	8.3
3	☐	250.000	232.789	3259941.63	0.8535	A	1.7
4	☐	625.000	606.149	8567743.71	2.2217	A	2.6
5	☐	1250.000	1194.652	17171730.67	4.3783	A	3.7
6	☐	2500.000	2436.915	35064193.74	8.9306	A	1.7
7	☐	5000.000	5048.596	73782655.89	18.5012	A	0.5
8	☐			36966.31	0.0104	P	29.4

$$y = 0.0037 * x + 4.6046E-004$$

R = 0.9998

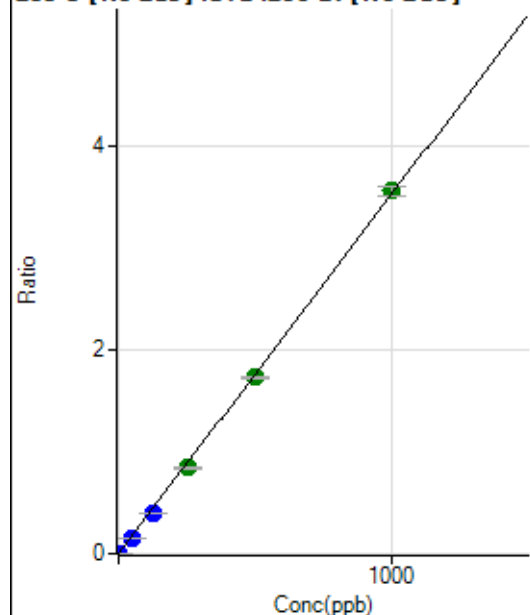
DL = 0.01351

BEC = 0.1257

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.8
2	☐	1.000	0.814	11419.37	0.0029	P	6.0
3	☐	50.000	43.253	583639.81	0.1528	P	2.2
4	☐	125.000	110.167	1500885.48	0.3892	P	0.3
5	☐	250.000	238.889	3310935.34	0.8440	A	1.8
6	☐	500.000	490.262	6800592.00	1.7320	A	1.5
7	☐	1000.000	1009.839	14227041.81	3.5676	A	2.5
8	☐			5737.71	0.0016	P	37.8

$$y = 0.0035 * x + 2.8538E-006$$

$$R = 0.9998$$

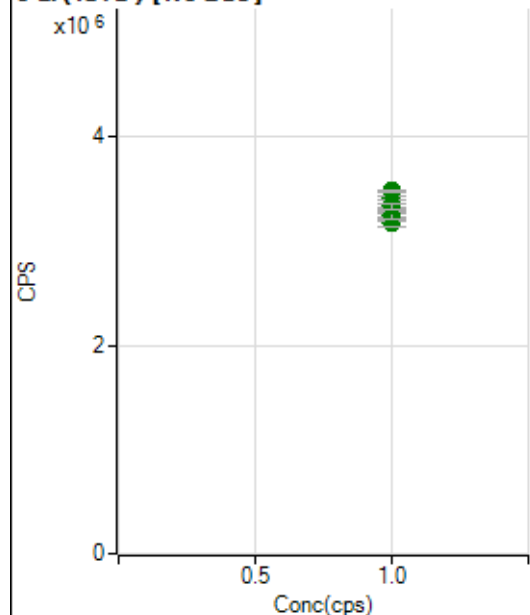
$$DL = 0.001061$$

$$BEC = 0.0008078$$

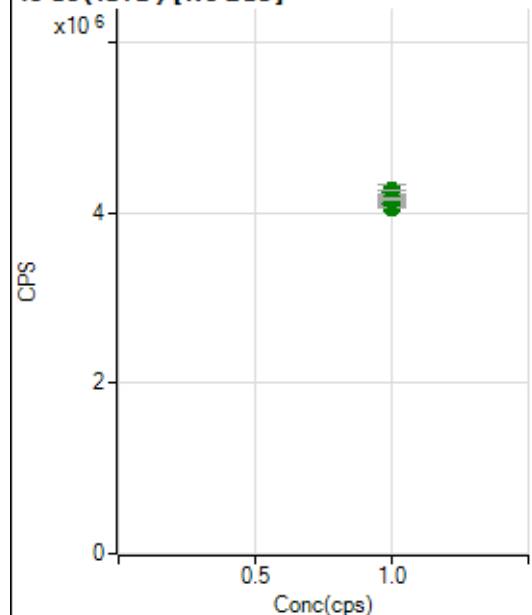
Weight: <None>

Min Conc: 0

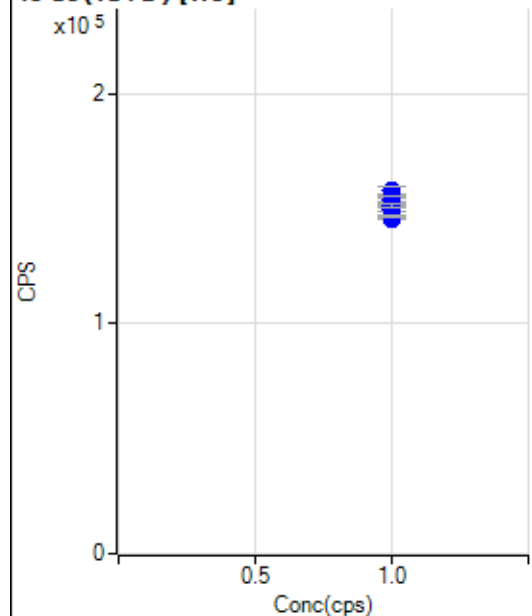
6 Li (ISTD) [No Gas]



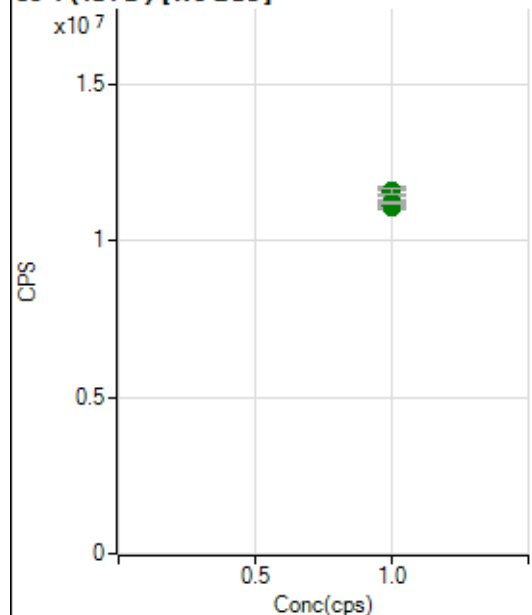
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3258194.06		A	4.1
2	☐	1.000		3178809.32		A	2.7
3	☐	1.000		3224674.84		A	2.2
4	☐	1.000		3255408.31		A	1.5
5	☐	1.000		3247388.40		A	2.6
6	☐	1.000		3411767.52		A	0.8
7	☐	1.000		3479901.45		A	0.8
8	☐	1.000		3336945.78		A	1.7

45 Sc (ISTD) [No Gas]

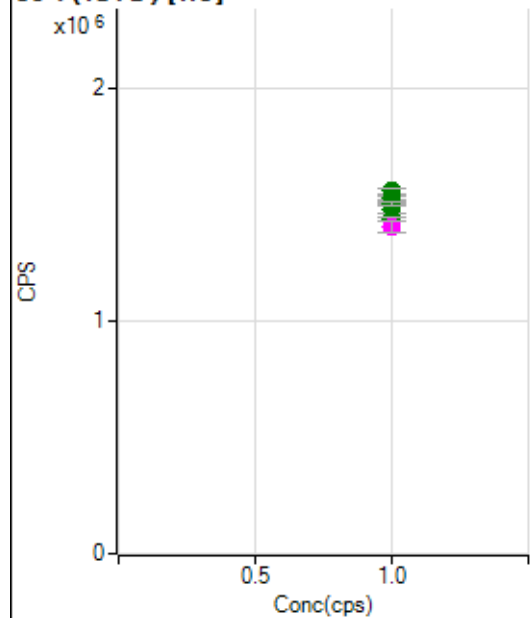
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4206745.53		A	1.1
2	☐	1.000		4262355.66		A	3.3
3	☐	1.000		4118607.54		A	1.3
4	☐	1.000		4133475.01		A	1.3
5	☐	1.000		4110589.00		A	1.5
6	☐	1.000		4063474.49		A	0.2
7	☐	1.000		4249860.11		A	0.8
8	☐	1.000		4161366.60		A	0.5

45 Sc (ISTD) [He]

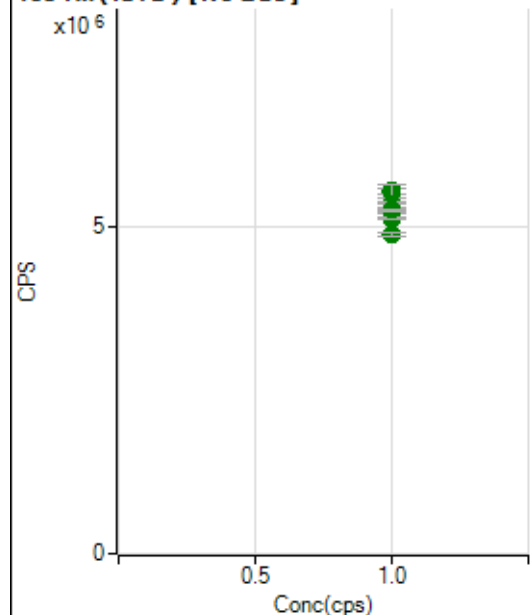
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		155117.16		P	0.6
2	☐	1.000		157701.30		P	2.2
3	☐	1.000		153953.53		P	1.0
4	☐	1.000		150033.88		P	1.4
5	☐	1.000		145808.16		P	0.4
6	☐	1.000		146851.89		P	0.6
7	☐	1.000		155367.00		P	0.3
8	☐	1.000		151061.26		P	1.1

89 Y (ISTD) [No Gas]

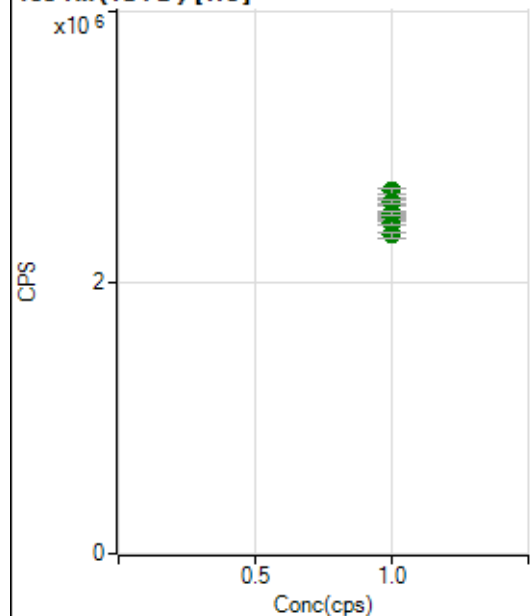
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11542192.47		A	1.5
2	☐	1.000		11563068.99		A	2.3
3	☐	1.000		11198625.39		A	1.7
4	☐	1.000		11221574.14		A	1.0
5	☐	1.000		11050108.59		A	0.7
6	☐	1.000		11109356.36		A	0.7
7	☐	1.000		11584472.33		A	1.6
8	☐	1.000		11197726.08		A	0.6

89 Y (ISTD) [He]

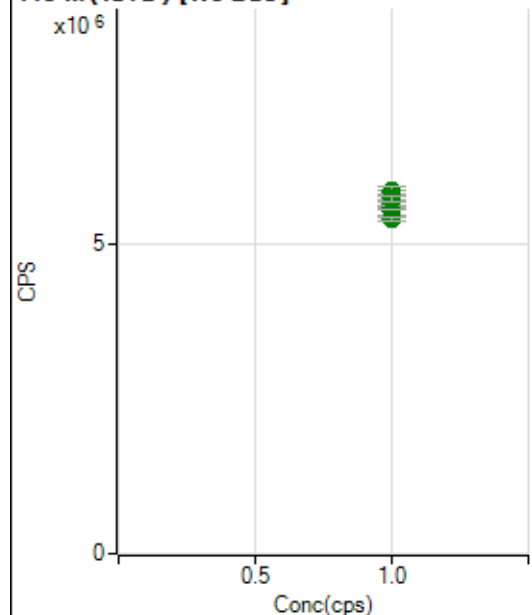
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1505790.74		A	0.5
2	☐	1.000		1560309.75		A	1.7
3	☐	1.000		1528356.33		A	1.6
4	☐	1.000		1480341.00		A	2.3
5	☐	1.000		1438492.50		A	0.8
6	☐	1.000		1407932.34		M	3.3
7	☐	1.000		1519939.77		A	0.6
8	☐	1.000		1504120.90		A	1.3

103 Rh (ISTD) [No Gas]

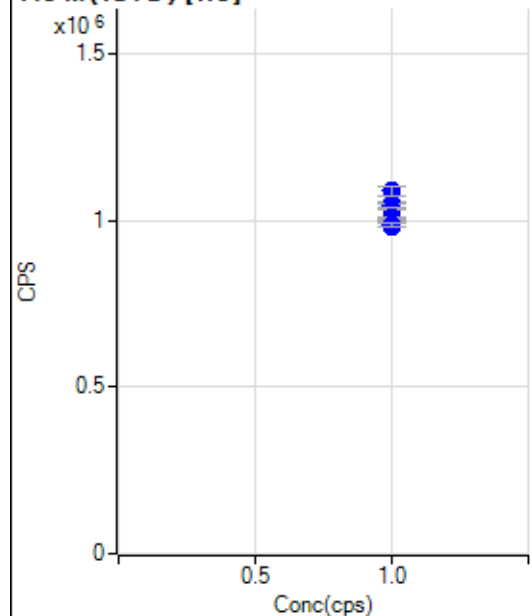
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5538002.77		A	1.7
2	☐	1.000		5552197.48		A	4.0
3	☐	1.000		5363741.79		A	2.5
4	☐	1.000		5367341.79		A	0.4
5	☐	1.000		5240793.74		A	0.9
6	☐	1.000		5130020.60		A	0.7
7	☐	1.000		5256614.35		A	0.2
8	☐	1.000		4890251.93		A	0.9

103 Rh (ISTD) [He]

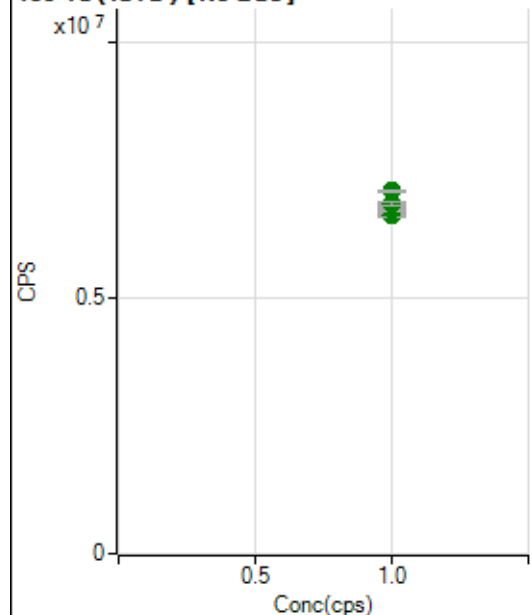
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2601587.77		A	1.9
2	☐	1.000		2680175.34		A	1.5
3	☐	1.000		2599720.80		A	1.5
4	☐	1.000		2485141.63		A	0.2
5	☐	1.000		2491145.07		A	2.2
6	☐	1.000		2445983.92		A	1.8
7	☐	1.000		2515899.84		A	1.2
8	☐	1.000		2354463.00		A	1.6

115 In (ISTD) [No Gas]

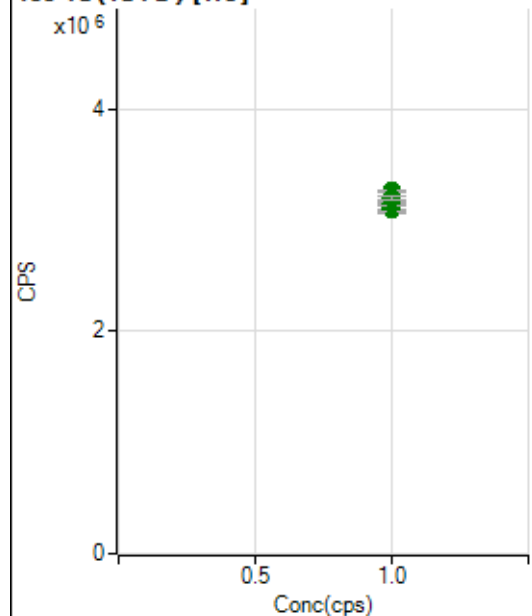
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5852493.56		A	1.1
2	☐	1.000		5861086.42		A	2.7
3	☐	1.000		5653027.26		A	1.8
4	☐	1.000		5590532.56		A	1.4
5	☐	1.000		5598512.05		A	1.0
6	☐	1.000		5517843.17		A	1.3
7	☐	1.000		5733794.90		A	1.9
8	☐	1.000		5402302.51		A	1.1

115 In (ISTD) [He]

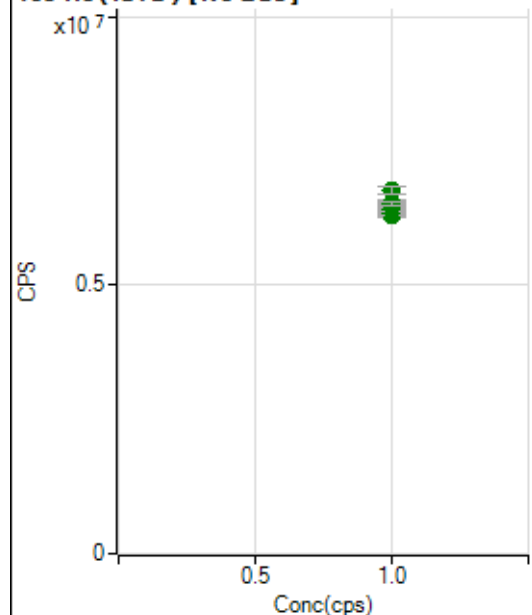
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1052584.19		P	0.9
2	☐	1.000		1089213.48		P	2.9
3	☐	1.000		1044670.14		P	1.1
4	☐	1.000		1035827.43		P	0.3
5	☐	1.000		998080.88		P	0.5
6	☐	1.000		981208.24		P	0.4
7	☐	1.000		1007625.75		P	0.8
8	☐	1.000		985360.80		P	1.3

159 Tb (ISTD) [No Gas]

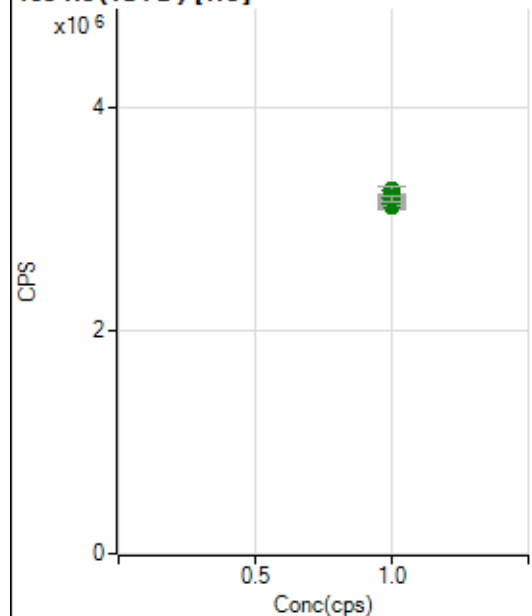
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6750795.73		A	0.9
2	☐	1.000		6742503.23		A	3.2
3	☐	1.000		6636718.44		A	0.1
4	☐	1.000		6623747.75		A	0.8
5	☐	1.000		6739861.99		A	0.5
6	☐	1.000		6732989.83		A	0.5
7	☐	1.000		7104421.35		A	0.9
8	☐	1.000		6862026.42		A	1.2

159 Tb (ISTD) [He]

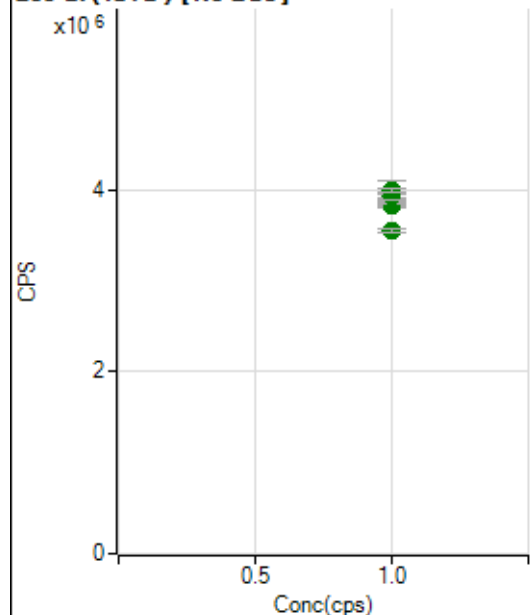
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3112085.58		A	1.0
2	☐	1.000		3202841.79		A	2.8
3	☐	1.000		3094938.01		A	2.7
4	☐	1.000		3108654.85		A	1.6
5	☐	1.000		3112146.41		A	2.3
6	☐	1.000		3150073.01		A	0.9
7	☐	1.000		3263329.68		A	0.5
8	☐	1.000		3203614.29		A	0.9

165 Ho (ISTD) [No Gas]

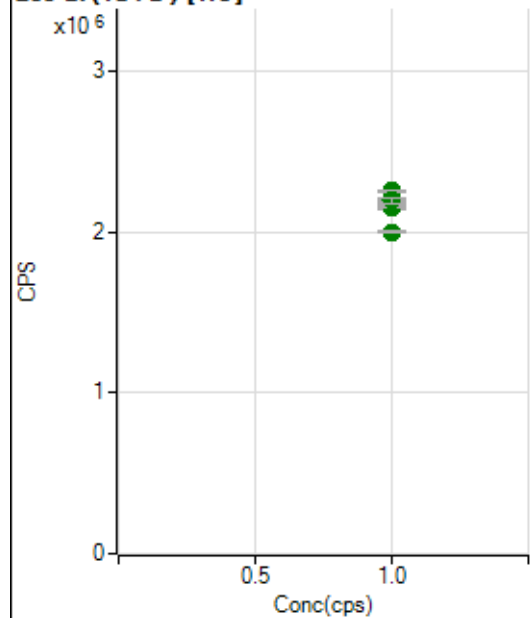
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6457945.67		A	1.4
2	☐	1.000		6454038.77		A	4.0
3	☐	1.000		6304639.51		A	1.0
4	☐	1.000		6352710.82		A	1.1
5	☐	1.000		6407456.53		A	0.9
6	☐	1.000		6466567.55		A	1.2
7	☐	1.000		6754091.56		A	2.2
8	☐	1.000		6520390.86		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3119996.31		A	1.7
2	☐	1.000		3178009.47		A	1.9
3	☐	1.000		3152370.86		A	2.7
4	☐	1.000		3194615.44		A	1.1
5	☐	1.000		3135863.39		A	1.4
6	☐	1.000		3134521.13		A	1.1
7	☐	1.000		3257382.00		A	2.3
8	☐	1.000		3186561.86		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3897508.03		A	0.4
2	☐	1.000		3977347.75		A	6.2
3	☐	1.000		3819414.25		A	0.5
4	☐	1.000		3856314.46		A	0.3
5	☐	1.000		3924121.30		A	2.2
6	☐	1.000		3926473.20		A	1.7
7	☐	1.000		3988110.29		A	0.9
8	☐	1.000		3556037.66		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2207847.42		A	0.4
2	☐	1.000		2258584.36		A	0.4
3	☐	1.000		2177460.25		A	3.7
4	☐	1.000		2182225.59		A	0.5
5	☐	1.000		2163090.44		A	1.2
6	☐	1.000		2157220.02		A	0.8
7	☐	1.000		2197713.39		A	2.0
8	☐	1.000		2001947.45		A	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8060222MS.b
Acq. Date-Time 2022-06-02 14:25:09
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		9765	97654.33			0.241	5.000
24		57966	579656.37			0.906	5.000
25		7912	79123.37			0.920	5.000
26		9064	90640.76			0.736	5.000
59		13265	132650.43			0.657	5.000
113		6492	64923.54			0.434	5.000
115		19023	190232.06			1.878	5.000
206		7638	76382.79			0.949	5.000
207		6385	63853.64			0.505	5.000
208		15858	158579.54			0.934	5.000
220		0	4.60			36.377	

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

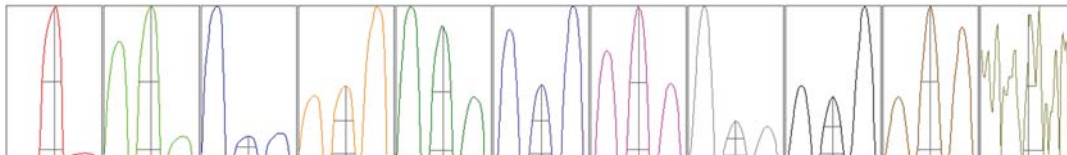
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9757	9748	9788	9741	9793
24	58160	57180	58121	57778	58589
25	7916	7815	7880	7939	8012
26	9049	8968	9048	9126	9129
59	13299	13200	13209	13214	13403
113	6526	6496	6512	6458	6471
115	19503	19178	19078	18768	18590
206	7522	7712	7647	7629	7682
207	6396	6360	6428	6347	6397
208	15662	15939	15965	15737	15987

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17086.27	9.05	8.90 - 9.10	
24	99729.91	24.00	23.90 - 24.10	
25	13427.51	25.00	24.90 - 25.10	
26	15545.04	26.00	25.90 - 26.10	
59	24333.87	59.00	58.90 - 59.10	
113	12929.11	113.05	112.90 - 113.10	
115	37839.65	115.05	114.90 - 115.10	
206	15150.51	206.00	205.90 - 206.10	
207	12725.90	207.00	206.90 - 207.10	
208	31760.73	208.00	207.90 - 208.10	
220	0.80	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.738	0.900	
24	0.61	0.741	0.900	
25	0.62	0.771	0.900	
26	0.62	0.740	0.900	
59	0.57	0.731	0.900	
113	0.52	0.688	0.900	
115	0.53	0.686	0.900	
206	0.53	0.732	0.900	
207	0.53	0.748	0.900	
208	0.53	0.757	0.900	
220	0.30	0.635		

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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.2 V	Deflect	16.0 V
Extract 2	-145.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 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	170 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	-0.3 mm
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EM

Discriminator	4.7 mV	Analog HV	2317 V	Pulse HV	1686 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2976	29758.82			1.972	
89		21699	216989.86			2.561	
205		17057	170572.54			2.371	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2988	2984	3008	2875	3025
89	21936	22067	21937	20716	21840
205	17332	17025	17398	16384	17147

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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.2 V	Deflect	3.4 V
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US EPA Tune Check Report

Extract 2	-145.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 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	125	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	-0.3 mm
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EM

Discriminator	4.7 mV	Analog HV	2317 V	Pulse HV	1686 V
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LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:50:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.13	0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	0.08	-0.08	0.00	N/A	ppb
Boron	11-1	0.11	-0.03	-0.08	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	-0.08	-0.07	0.00	N/A	ppb
Cadmium	106-1	2.05	-1.13	-0.92	0.00	N/A	ppb
Cadmium	108-1	0.12	0.01	-0.13	0.00	N/A	ppb
Calcium	43-1	0.76	-0.76	0.00	0.00	N/A	ppb
Calcium	44-1	0.43	-0.05	-0.38	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-1.84	0.12	1.72	0.00	N/A	ppb
Iron	56-2	0.21	-0.14	-0.07	0.00	N/A	ppb
Iron	57-2	0.43	-1.58	1.14	0.00	N/A	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:50:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.23	0.41	-0.18	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-25.64	-16.76	1.24	-13.72		ppb
Potassium	39-2	1.38	0.87	-2.25	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.16	-0.07	-0.09	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	-0.84	0.83	0.00	N/A	ppb
Silicon	28-1	0.38	-0.16	-0.23	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	-0.73	1.48	-0.75	0.00	N/A	ppb
Strontium	86-1	-0.06	-0.02	0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	73.47	58.33	2.08	44.63	84.30	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.02	0.01	-0.03	0.00	N/A	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:50:19	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.09	0.10	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.07	-0.02	0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.00	0.02	0.00	N/A	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:56:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.91	19.56	17.41	18.63	5.90	ppb
Antimony	121-1	1.90	1.89	1.75	1.85	4.64	ppb
Arsenic	75-2	1.12	0.99	1.03	1.05	6.23	ppb
Barium	135-1	9.15	9.37	8.41	8.98	5.63	ppb
Barium	137-1	9.17	8.96	9.02	9.05	1.18	ppb
Beryllium	9-1	1.12	1.07	1.13	1.11	3.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	22.60	23.84	23.70	23.38	2.90	ppb
Boron	11-1	23.89	25.62	24.86	24.79	3.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	1.14	0.90	0.99	13.00	ppb
Cadmium	106-1	-1.35	1.83	1.01	0.50	331.94	ppb
Cadmium	108-1	0.79	0.67	0.90	0.79	14.95	ppb
Calcium	43-1	493.53	484.34	439.98	472.61	6.06	ppb
Calcium	44-1	492.59	481.68	445.63	473.30	5.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.77	1.81	1.82	2.54	ppb
Cobalt	59-2	0.95	0.92	0.89	0.92	3.81	ppb
Copper	63-2	1.89	1.92	1.69	1.83	6.77	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				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	49.03	51.78	44.84	48.55	7.20	ppb
Iron	56-2	49.22	48.02	44.74	47.33	4.90	ppb
Iron	57-2	51.04	49.51	41.44	47.33	10.90	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:56:35	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.87	0.73	0.84	11.12	ppb
Lead	207-1	0.84	0.83	0.69	0.79	10.21	ppb
Lead	208-1	0.88	0.85	0.73	0.82	9.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	501.72	484.98	460.53	482.41	4.29	ppb
Manganese	55-2	1.06	0.86	0.82	0.91	14.17	ppb
Molybdenum	94-1	5.43	5.87	5.16	5.49	6.50	ppb
Molybdenum	95-1	4.77	4.78	4.41	4.65	4.53	ppb
Molybdenum	96-1	4.73	4.93	4.51	4.72	4.37	ppb
Molybdenum	97-1	4.91	4.82	4.53	4.76	4.19	ppb
Molybdenum	98-1	4.91	4.66	4.47	4.68	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.80	0.94	0.92	13.23	ppb
Phosphorus	31-2	20.36	27.90	-7.09	13.72	134.20	ppb
Potassium	39-2	489.01	439.79	430.34	453.05	6.95	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	4.71	4.79	4.41	4.64	4.39	ppb
Selenium	77-2	5.36	4.52	2.62	4.17	33.65	ppb
Selenium	78-2	5.09	2.73	2.93	3.58	36.57	ppb
Silicon	28-1	3.04	2.90	1.80	2.58	26.20	ppb
Silver	107-1	1.03	1.03	0.89	0.98	8.23	ppb
Silver	109-1	1.01	1.05	0.97	1.01	4.08	ppb
Sodium	23-2	487.33	465.30	425.30	459.31	6.85	ppb
Strontium	86-1	0.94	0.92	0.85	0.90	5.42	ppb
Strontium	88-1	0.92	0.94	0.91	0.92	1.50	ppb
Sulfur	34-1	169.54	-16.74	-286.68	-44.63		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.79	0.93	0.76	0.83	11.14	ppb
Thallium	205-1	0.91	0.84	0.75	0.83	9.55	ppb
Tin	118-1	4.83	5.03	4.46	4.77	6.03	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:56:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	4.53	4.06	4.46	8.32	ppb
Uranium	238-1	0.82	0.86	0.76	0.81	6.04	ppb
Vanadium	51-2	4.81	4.59	4.39	4.60	4.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	2.66	1.85	2.26	2.26	17.78	ppb
Zirconium	90-1	0.89	0.95	0.83	0.89	6.81	ppb
Zirconium	91-1	0.90	0.89	0.95	0.91	3.26	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:59:42	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1040.39	1028.12	1008.74	1025.75	1.56	ppb
Antimony	121-1	50.64	49.79	47.50	49.31	3.30	ppb
Arsenic	75-2	50.31	50.38	51.31	50.67	1.10	ppb
Barium	135-1	249.70	249.46	241.45	246.87	1.90	ppb
Barium	137-1	252.62	253.65	242.66	249.65	2.43	ppb
Beryllium	9-1	51.94	54.81	50.47	52.41	4.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	47.72	50.16	51.08	49.65	3.49	ppb
Boron	11-1	50.68	55.26	53.90	53.28	4.41	ppb
Bromine	81-1						cps
Cadmium	111-1	52.85	52.23	50.66	51.92	2.17	ppb
Cadmium	106-1	54.11	52.10	50.49	52.23	3.47	ppb
Cadmium	108-1	52.07	52.58	50.22	51.62	2.41	ppb
Calcium	43-1	6003.72	5796.89	5873.47	5891.36	1.77	ppb
Calcium	44-1	5807.96	5742.12	5577.04	5709.04	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.25	47.83	48.28	48.45	1.49	ppb
Cobalt	59-2	49.52	48.89	48.75	49.05	0.84	ppb
Copper	63-2	494.04	489.96	490.81	491.60	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	2692.71	2696.04	2655.48	2681.41	0.84	ppb
Iron	56-2	2788.75	2781.90	2772.23	2780.96	0.30	ppb
Iron	57-2	2631.37	2596.69	2563.46	2597.17	1.31	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:59:42	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	222.76	220.10	222.17	221.68	0.63	ppb
Lead	207-1	225.21	227.31	219.35	223.96	1.84	ppb
Lead	208-1	236.03	234.29	228.37	232.90	1.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	5502.98	5359.12	5276.86	5379.65	2.13	ppb
Manganese	55-2	484.20	478.52	474.95	479.22	0.97	ppb
Molybdenum	94-1	507.15	493.75	483.99	494.96	2.35	ppb
Molybdenum	95-1	506.64	498.59	487.50	497.58	1.93	ppb
Molybdenum	96-1	506.89	509.34	485.22	500.48	2.65	ppb
Molybdenum	97-1	512.32	507.74	487.08	502.38	2.68	ppb
Molybdenum	98-1	511.48	508.90	494.02	504.80	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.67	53.22	52.83	53.24	0.79	ppb
Phosphorus	31-2	1033.12	993.87	966.89	997.96	3.34	ppb
Potassium	39-2	2591.76	2569.85	2556.67	2572.76	0.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	52.27	50.66	50.42	51.12	1.97	ppb
Selenium	77-2	45.23	54.70	36.10	45.34	20.51	ppb
Selenium	78-2	46.20	50.93	51.51	49.55	5.87	ppb
Silicon	28-1	56.48	57.77	58.51	57.58	1.78	ppb
Silver	107-1	52.35	52.77	50.78	51.97	2.02	ppb
Silver	109-1	52.32	53.51	50.81	52.21	2.59	ppb
Sodium	23-2	5452.71	5371.37	5219.49	5347.86	2.21	ppb
Strontium	86-1	1311.64	1269.55	1225.98	1269.06	3.38	ppb
Strontium	88-1	1280.93	1241.63	1204.31	1242.29	3.08	ppb
Sulfur	34-1	1226.52	995.23	1155.57	1125.77	10.53	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	45.18	44.96	43.89	44.68	1.55	ppb
Thallium	205-1	46.08	43.98	44.99	45.02	2.34	ppb
Tin	118-1	50.33	49.20	48.62	49.39	1.76	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:59:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	522.00	519.23	495.86	512.36	2.80	ppb
Uranium	238-1	43.79	43.79	42.17	43.25	2.16	ppb
Vanadium	51-2	50.43	50.05	48.60	49.69	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	494.14	492.97	489.24	492.12	0.52	ppb
Zirconium	90-1	50.05	48.95	48.34	49.11	1.77	ppb
Zirconium	91-1	50.85	47.68	47.77	48.77	3.70	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2551.73	2533.43	2515.02	2533.39	0.72	ppb
Antimony	121-1	122.70	123.34	120.87	122.30	1.05	ppb
Arsenic	75-2	125.29	129.31	123.94	126.18	2.21	ppb
Barium	135-1	598.89	610.40	611.39	606.89	1.14	ppb
Barium	137-1	618.37	622.84	616.68	619.30	0.51	ppb
Beryllium	9-1	128.19	130.64	130.81	129.88	1.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	114.26	124.74	126.38	121.79	5.40	ppb
Boron	11-1	122.14	134.29	137.63	131.35	6.20	ppb
Bromine	81-1						cps
Cadmium	111-1	130.64	132.52	130.68	131.28	0.82	ppb
Cadmium	106-1	124.45	135.54	131.66	130.55	4.31	ppb
Cadmium	108-1	127.14	132.23	137.41	132.26	3.88	ppb
Calcium	43-1	14979.94	14536.07	14279.07	14598.36	2.43	ppb
Calcium	44-1	14252.35	14255.47	14325.62	14277.82	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.45	122.73	119.52	121.90	1.72	ppb
Cobalt	59-2	123.79	120.85	119.52	121.38	1.80	ppb
Copper	63-2	1330.07	1309.63	1293.19	1310.96	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	6735.14	6701.23	6569.42	6668.60	1.31	ppb
Iron	56-2	7066.50	6907.50	6790.44	6921.48	2.00	ppb
Iron	57-2	6579.91	6604.47	6284.17	6489.52	2.75	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	610.31	612.13	592.42	604.95	1.80	ppb
Lead	207-1	608.19	626.17	588.18	607.52	3.13	ppb
Lead	208-1	609.94	620.56	589.43	606.64	2.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	13884.08	13822.78	13623.30	13776.72	0.99	ppb
Manganese	55-2	1211.08	1196.63	1190.78	1199.50	0.87	ppb
Molybdenum	94-1	1281.92	1237.52	1213.92	1244.45	2.77	ppb
Molybdenum	95-1	1260.68	1235.57	1212.12	1236.12	1.96	ppb
Molybdenum	96-1	1277.62	1249.70	1220.32	1249.21	2.29	ppb
Molybdenum	97-1	1279.70	1278.20	1237.56	1265.15	1.89	ppb
Molybdenum	98-1	1260.02	1233.66	1237.58	1243.75	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.59	130.21	127.19	129.66	1.73	ppb
Phosphorus	31-2	2549.65	2642.78	2565.14	2585.85	1.93	ppb
Potassium	39-2	6528.63	6442.73	6291.62	6420.99	1.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	126.89	125.58	125.46	125.97	0.63	ppb
Selenium	77-2	136.63	115.26	107.91	119.94	12.44	ppb
Selenium	78-2	124.97	128.42	118.02	123.81	4.28	ppb
Silicon	28-1	141.44	135.87	133.83	137.05	2.87	ppb
Silver	107-1	128.72	129.24	128.55	128.84	0.28	ppb
Silver	109-1	128.69	126.81	127.42	127.64	0.75	ppb
Sodium	23-2	13300.46	13187.67	13023.73	13170.62	1.06	ppb
Strontium	86-1	3162.73	3140.56	2983.82	3095.71	3.15	ppb
Strontium	88-1	3079.62	3057.73	3005.28	3047.54	1.25	ppb
Sulfur	34-1	2818.22	2630.33	2523.61	2657.39	5.61	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	110.03	112.94	109.93	110.97	1.54	ppb
Thallium	205-1	116.22	114.88	111.66	114.25	2.05	ppb
Tin	118-1	120.54	121.81	121.55	121.30	0.56	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:02:51	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1251.64	1259.69	1231.67	1247.67	1.16	ppb
Uranium	238-1	110.15	110.47	109.88	110.17	0.27	ppb
Vanadium	51-2	127.02	123.20	122.39	124.20	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	1235.33	1257.23	1224.69	1239.08	1.34	ppb
Zirconium	90-1	123.73	119.75	119.48	120.99	1.97	ppb
Zirconium	91-1	120.95	117.89	117.92	118.92	1.48	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:05:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5126.81	4953.58	4863.02	4981.14	2.69	ppb
Antimony	121-1	244.66	238.10	237.00	239.92	1.73	ppb
Arsenic	75-2	249.82	246.63	243.92	246.79	1.20	ppb
Barium	135-1	1186.84	1156.04	1160.92	1167.94	1.42	ppb
Barium	137-1	1270.17	1231.77	1227.51	1243.15	1.89	ppb
Beryllium	9-1	268.16	253.79	253.17	258.38	3.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	244.98	242.93	254.08	247.33	2.40	ppb
Boron	11-1	261.53	258.58	270.57	263.56	2.37	ppb
Bromine	81-1						cps
Cadmium	111-1	255.82	247.57	250.75	251.38	1.66	ppb
Cadmium	106-1	256.75	252.11	246.14	251.67	2.11	ppb
Cadmium	108-1	261.46	253.99	258.45	257.97	1.46	ppb
Calcium	43-1	28753.07	29308.56	28391.17	28817.60	1.60	ppb
Calcium	44-1	27863.53	28697.42	27487.20	28016.05	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241.90	237.46	236.97	238.77	1.14	ppb
Cobalt	59-2	245.77	237.97	236.62	240.12	2.06	ppb
Copper	63-2	2624.40	2539.60	2497.57	2553.86	2.53	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				99		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	13667.69	13256.70	12934.30	13286.23	2.77	ppb
Iron	56-2	14204.50	13711.91	13284.83	13733.75	3.35	ppb
Iron	57-2	13167.26	12902.88	12611.46	12893.87	2.16	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:05:57	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1246.51	1213.55	1143.84	1201.30	4.36	ppb
Lead	207-1	1230.63	1231.40	1137.82	1199.95	4.48	ppb
Lead	208-1	1226.04	1213.94	1143.65	1194.54	3.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	27195.14	27019.31	26168.69	26794.38	2.05	ppb
Manganese	55-2	2647.99	2540.58	2456.48	2548.35	3.77	ppb
Molybdenum	94-1	2484.66	2502.36	2383.05	2456.69	2.62	ppb
Molybdenum	95-1	2435.99	2514.95	2401.96	2450.97	2.36	ppb
Molybdenum	96-1	2467.71	2565.56	2434.41	2489.23	2.74	ppb
Molybdenum	97-1	2505.64	2576.07	2448.34	2510.02	2.55	ppb
Molybdenum	98-1	2466.57	2529.22	2434.61	2476.80	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.86	256.87	251.05	257.26	2.49	ppb
Phosphorus	31-2	5115.79	4883.17	4824.40	4941.12	3.12	ppb
Potassium	39-2	12991.56	12640.96	12427.12	12686.55	2.25	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	258.61	257.56	246.52	254.23	2.64	ppb
Selenium	77-2	251.27	236.00	227.09	238.12	5.14	ppb
Selenium	78-2	255.11	247.54	241.36	248.00	2.78	ppb
Silicon	28-1	262.24	271.20	261.85	265.09	1.99	ppb
Silver	107-1	271.79	245.31	250.59	255.90	5.48	ppb
Silver	109-1	247.90	244.02	243.81	245.24	0.94	ppb
Sodium	23-2	26314.02	26281.69	25886.26	26160.66	0.91	ppb
Strontium	86-1	6283.57	6208.58	5974.75	6155.63	2.62	ppb
Strontium	88-1	6192.89	6189.13	5956.62	6112.88	2.21	ppb
Sulfur	34-1	5042.29	5097.24	4570.19	4903.24	5.91	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	232.33	222.51	212.70	222.51	4.41	ppb
Thallium	205-1	251.90	240.78	228.80	240.49	4.80	ppb
Tin	118-1	244.85	236.30	240.27	240.47	1.78	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:05:57	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2486.61	2571.04	2455.18	2504.28	2.39	ppb
Uranium	238-1	242.99	239.33	234.35	238.89	1.81	ppb
Vanadium	51-2	252.53	244.87	239.53	245.64	2.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	2500.08	2447.14	2434.89	2460.70	1.41	ppb
Zirconium	90-1	254.09	253.52	244.03	250.55	2.25	ppb
Zirconium	91-1	238.74	241.58	236.69	239.00	1.03	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:09:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10253.60	10036.68	9885.31	10058.53	1.84	ppb
Antimony	121-1	517.62	504.99	499.27	507.29	1.85	ppb
Arsenic	75-2	527.57	516.72	486.36	510.21	4.19	ppb
Barium	135-1	2606.05	2565.33	2442.07	2537.82	3.36	ppb
Barium	137-1	2541.75	2513.50	2390.27	2481.84	3.25	ppb
Beryllium	9-1	488.30	495.64	488.86	490.94	0.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	459.85	491.65	508.53	486.68	5.08	ppb
Boron	11-1	493.31	523.09	530.75	515.72	3.83	ppb
Bromine	81-1						cps
Cadmium	111-1	509.35	513.53	499.61	507.50	1.41	ppb
Cadmium	106-1	506.83	509.34	510.78	508.98	0.39	ppb
Cadmium	108-1	517.20	517.12	484.87	506.40	3.68	ppb
Calcium	43-1	59075.54	59093.98	57614.78	58594.77	1.45	ppb
Calcium	44-1	56568.80	55810.01	55004.23	55794.35	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.15	484.65	471.81	482.54	2.04	ppb
Cobalt	59-2	498.18	480.24	468.71	482.38	3.08	ppb
Copper	63-2	5113.58	4998.42	4921.04	5011.02	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	29135.07	28540.99	28094.08	28590.05	1.83	ppb
Iron	56-2	27777.50	27427.21	26997.52	27400.74	1.43	ppb
Iron	57-2	26395.15	25937.73	25661.18	25998.02	1.43	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:09:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2461.43	2445.36	2381.01	2429.27	1.75	ppb
Lead	207-1	2488.34	2484.28	2397.50	2456.71	2.09	ppb
Lead	208-1	2462.10	2460.84	2387.30	2436.74	1.76	ppb
Lithium	6-1				105		%
Magnesium	24-2	54722.81	54087.91	52380.46	53730.39	2.25	ppb
Manganese	55-2	5114.79	4957.76	4876.80	4983.12	2.43	ppb
Molybdenum	94-1	4939.41	5011.95	4886.28	4945.88	1.28	ppb
Molybdenum	95-1	5064.05	4971.18	4836.51	4957.25	2.31	ppb
Molybdenum	96-1	4978.62	5010.86	4894.78	4961.42	1.21	ppb
Molybdenum	97-1	5007.38	4992.66	4891.97	4964.00	1.27	ppb
Molybdenum	98-1	5015.31	4992.89	4966.64	4991.61	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.43	506.86	496.20	505.16	1.63	ppb
Phosphorus	31-2	9795.68	9835.44	9386.64	9672.59	2.57	ppb
Potassium	39-2	26705.07	25901.88	25777.57	26128.18	1.93	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	499.61	507.55	490.89	499.35	1.67	ppb
Selenium	77-2	511.10	516.52	513.46	513.69	0.53	ppb
Selenium	78-2	521.78	513.66	486.04	507.16	3.69	ppb
Silicon	28-1	517.04	525.78	502.27	515.03	2.31	ppb
Silver	107-1	526.05	525.84	499.04	516.98	3.00	ppb
Silver	109-1	522.53	526.19	492.13	513.62	3.64	ppb
Sodium	23-2	54322.22	53458.45	52255.47	53345.38	1.95	ppb
Strontium	86-1	12444.19	12584.86	12369.35	12466.13	0.88	ppb
Strontium	88-1	12398.51	12526.86	12230.76	12385.38	1.20	ppb
Sulfur	34-1	9898.47	9952.20	9508.68	9786.45	2.47	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	501.66	486.28	488.38	492.11	1.69	ppb
Thallium	205-1	495.89	485.62	487.93	489.81	1.10	ppb
Tin	118-1	521.28	500.70	490.90	504.29	3.07	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:09:05	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5037.60	4987.13	4896.37	4973.70	1.44	ppb
Uranium	238-1	493.48	495.54	481.76	490.26	1.52	ppb
Vanadium	51-2	503.71	496.58	490.32	496.87	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	4988.25	4890.13	4717.23	4865.20	2.82	ppb
Zirconium	90-1	509.20	499.15	485.31	497.88	2.41	ppb
Zirconium	91-1	484.31	488.88	474.73	482.64	1.50	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:12:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20237.33	20086.29	19743.94	20022.52	1.26	ppb
Antimony	121-1	1016.56	993.42	987.76	999.24	1.53	ppb
Arsenic	75-2	1007.25	1008.34	970.95	995.51	2.14	ppb
Barium	135-1	5031.98	4912.04	5068.07	5004.03	1.63	ppb
Barium	137-1	5013.68	5033.93	4986.96	5011.53	0.47	ppb
Beryllium	9-1	994.88	999.76	1010.48	1001.71	0.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	973.05	1019.77	1030.54	1007.79	3.03	ppb
Boron	11-1	938.74	1008.95	1015.70	987.80	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	992.08	1006.41	986.59	995.02	1.03	ppb
Cadmium	106-1	994.86	978.54	1009.47	994.29	1.56	ppb
Cadmium	108-1	993.72	994.55	993.19	993.82	0.07	ppb
Calcium	43-1	121202.61	126710.89	122252.07	123388.52	2.37	ppb
Calcium	44-1	112231.44	113670.33	114036.11	113312.63	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1019.19	1012.42	1004.41	1012.00	0.73	ppb
Cobalt	59-2	1018.50	1017.75	999.10	1011.78	1.09	ppb
Copper	63-2	10120.97	10002.24	9798.28	9973.83	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	56329.05	56526.34	55837.11	56230.84	0.63	ppb
Iron	56-2	54877.54	54875.91	54402.91	54718.79	0.50	ppb
Iron	57-2	56143.14	54133.03	55917.40	55397.86	1.99	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:12:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5084.90	4981.43	5088.06	5051.46	1.20	ppb
Lead	207-1	5001.06	5055.87	5056.01	5037.65	0.63	ppb
Lead	208-1	5034.29	5036.66	5074.98	5048.64	0.45	ppb
Lithium	6-1				107		%
Magnesium	24-2	107229.82	107107.03	106370.65	106902.50	0.43	ppb
Manganese	55-2	10074.18	10028.91	9908.04	10003.71	0.86	ppb
Molybdenum	94-1	10079.36	10233.11	9804.03	10038.83	2.17	ppb
Molybdenum	95-1	10002.62	10282.43	9821.43	10035.49	2.31	ppb
Molybdenum	96-1	10122.41	10122.05	9821.71	10022.06	1.73	ppb
Molybdenum	97-1	10073.39	10193.45	9773.61	10013.48	2.16	ppb
Molybdenum	98-1	10134.37	10122.76	9774.47	10010.53	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.31	1002.62	976.65	994.86	1.59	ppb
Phosphorus	31-2	20353.54	20376.99	19772.86	20167.80	1.70	ppb
Potassium	39-2	53656.87	52072.62	52190.69	52640.06	1.68	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	1014.80	1003.74	978.74	999.09	1.85	ppb
Selenium	77-2	1016.64	1027.10	947.23	996.99	4.35	ppb
Selenium	78-2	1018.95	1006.62	965.72	997.10	2.79	ppb
Silicon	28-1	985.13	997.85	977.72	986.90	1.03	ppb
Silver	107-1	986.34	988.50	993.54	989.46	0.37	ppb
Silver	109-1	1002.36	988.17	991.29	993.94	0.75	ppb
Sodium	23-2	106608.20	106436.47	106394.38	106479.68	0.11	ppb
Strontium	86-1	25256.50	25288.03	24539.72	25028.09	1.69	ppb
Strontium	88-1	24857.06	25462.78	24937.68	25085.84	1.31	ppb
Sulfur	34-1	20099.44	20454.45	19761.12	20105.00	1.72	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	993.14	1019.51	1025.86	1012.84	1.71	ppb
Thallium	205-1	983.69	999.83	1043.67	1009.06	3.08	ppb
Tin	118-1	1003.51	991.84	1006.83	1000.73	0.79	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:12:11	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9942.96	9957.42	10134.88	10011.75	1.07	ppb
Uranium	238-1	981.30	1026.62	1021.60	1009.84	2.46	ppb
Vanadium	51-2	1013.84	1006.73	987.74	1002.77	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	10369.68	10052.88	9814.39	10078.98	2.76	ppb
Zirconium	90-1	1000.12	1014.11	990.17	1001.47	1.20	ppb
Zirconium	91-1	998.74	1039.18	998.85	1012.25	2.30	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:15:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104342.05	100115.91	95510.52	99989.49	4.42	ppb
Antimony	121-1	1.18	1.09	1.08	1.12	4.82	ppb
Arsenic	75-2	0.48	0.59	0.54	0.53	10.49	ppb
Barium	135-1	5.27	4.04	3.16	4.16	25.53	ppb
Barium	137-1	5.38	4.00	3.38	4.25	24.11	ppb
Beryllium	9-1	0.66	0.45	0.37	0.50	30.29	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	94.09	84.89	77.20	85.39	9.91	ppb
Boron	11-1	99.01	88.25	83.87	90.38	8.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.71	0.39	0.47	0.52	32.21	ppb
Cadmium	106-1	-0.40	-1.71	1.33	-0.26		ppb
Cadmium	108-1	0.95	0.59	0.55	0.70	31.83	ppb
Calcium	43-1	513360.49	497326.71	471944.58	494210.59	4.23	ppb
Calcium	44-1	510876.10	502179.39	476611.69	496555.73	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.48	6.22	5.97	6.23	4.09	ppb
Cobalt	59-2	2.72	2.55	2.39	2.55	6.39	ppb
Copper	63-2	3.90	3.84	3.50	3.75	5.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	255688.24	250332.85	239008.62	248343.24	3.43	ppb
Iron	56-2	257409.40	251449.11	237346.15	248734.89	4.14	ppb
Iron	57-2	257183.10	253076.84	236121.98	248793.97	4.49	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:15:20	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.49	2.62	1.96	2.69	28.53	ppb
Lead	207-1	3.69	2.48	1.92	2.70	33.56	ppb
Lead	208-1	3.61	2.54	1.96	2.70	30.92	ppb
Lithium	6-1				102		%
Magnesium	24-2	514856.70	500513.40	478993.03	498121.04	3.62	ppb
Manganese	55-2	6.78	6.23	5.97	6.33	6.55	ppb
Molybdenum	94-1	8.42	6.24	5.19	6.62	24.87	ppb
Molybdenum	95-1	7.82	5.75	4.28	5.95	29.86	ppb
Molybdenum	96-1	11.95	9.98	8.56	10.16	16.75	ppb
Molybdenum	97-1	7.47	5.45	4.36	5.76	27.40	ppb
Molybdenum	98-1	7.52	5.32	4.33	5.73	28.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.73	5.42	5.05	5.40	6.31	ppb
Phosphorus	31-2	35.04	-8.24	5.91	10.90	202.38	ppb
Potassium	39-2	256835.05	251361.72	239838.04	249344.94	3.48	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	2.22	2.59	2.48	2.43	7.73	ppb
Selenium	77-2	0.91	1.86	0.00	0.92	100.81	ppb
Selenium	78-2	0.76	-0.25	0.41	0.31	169.29	ppb
Silicon	28-1	11.13	9.93	9.59	10.22	7.89	ppb
Silver	107-1	0.80	0.61	0.50	0.64	23.33	ppb
Silver	109-1	0.78	0.59	0.49	0.62	23.88	ppb
Sodium	23-2	504890.89	505497.80	484485.17	498291.29	2.40	ppb
Strontium	86-1	19.93	14.39	11.28	15.20	28.81	ppb
Strontium	88-1	19.68	13.96	10.93	14.86	29.90	ppb
Sulfur	34-1	-1134.85	-1096.01	-823.28	-1018.05		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.68	0.55	0.71	23.85	ppb
Thallium	205-1	0.93	0.71	0.58	0.74	23.76	ppb
Tin	118-1	1.48	1.32	1.04	1.28	17.59	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:15:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.94	4.47	3.59	5.00	34.78	ppb
Uranium	238-1	0.65	0.42	0.31	0.46	37.89	ppb
Vanadium	51-2	0.49	0.50	0.37	0.45	15.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	22.90	22.48	21.60	22.33	2.98	ppb
Zirconium	90-1	1.04	0.75	0.70	0.83	22.25	ppb
Zirconium	91-1	1.10	0.73	0.71	0.85	25.94	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:08:32	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.41	494.78	494.24	495.48	0.34	ppb
Antimony	121-1	185.36	188.79	181.81	185.32	1.89	ppb
Arsenic	75-2	207.94	204.06	197.63	203.21	2.56	ppb
Barium	135-1	91.63	92.51	88.31	90.82	2.44	ppb
Barium	137-1	93.15	94.08	92.63	93.29	0.79	ppb
Beryllium	9-1	99.64	95.00	96.04	96.89	2.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	501.30	487.67	487.10	492.02	1.63	ppb
Boron	11-1	541.58	518.67	528.61	529.62	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	105.33	107.01	103.21	105.18	1.81	ppb
Cadmium	106-1	174.44	163.20	165.39	167.68	3.55	ppb
Cadmium	108-1	163.20	163.69	152.67	159.85	3.89	ppb
Calcium	43-1	2186.04	2174.98	2100.02	2153.68	2.17	ppb
Calcium	44-1	2109.04	2046.43	2013.41	2056.29	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.70	94.35	96.66	96.24	1.79	ppb
Cobalt	59-2	97.33	95.58	96.72	96.54	0.92	ppb
Copper	63-2	95.75	93.41	95.50	94.89	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				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2130.03	2081.29	2053.62	2088.31	1.85	ppb
Iron	56-2	2163.33	2122.99	2126.01	2137.44	1.05	ppb
Iron	57-2	2047.15	1960.16	1972.89	1993.40	2.36	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:08:32	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	186.35	184.56	189.74	186.88	1.41	ppb
Lead	207-1	181.12	173.78	182.11	179.00	2.54	ppb
Lead	208-1	183.18	180.07	184.76	182.67	1.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	1236.12	1227.11	1214.33	1225.85	0.89	ppb
Manganese	55-2	96.24	93.28	93.96	94.49	1.65	ppb
Molybdenum	94-1	4721.45	4755.12	4843.36	4773.31	1.32	ppb
Molybdenum	95-1	4857.90	4737.89	4878.35	4824.71	1.57	ppb
Molybdenum	96-1	4893.00	4758.22	4951.21	4867.48	2.03	ppb
Molybdenum	97-1	4891.93	4787.96	4914.58	4864.82	1.39	ppb
Molybdenum	98-1	4949.77	4731.56	4920.95	4867.43	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.14	106.31	108.87	109.11	2.68	ppb
Phosphorus	31-2	-11.23	-23.37	-7.35	-13.98		ppb
Potassium	39-2	1963.19	1931.19	1910.07	1934.81	1.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	202.10	196.21	199.89	199.40	1.49	ppb
Selenium	77-2	208.86	224.56	193.72	209.05	7.38	ppb
Selenium	78-2	207.69	199.79	197.66	201.71	2.62	ppb
Silicon	28-1	118.85	117.89	116.29	117.67	1.10	ppb
Silver	107-1	48.01	48.26	47.16	47.81	1.22	ppb
Silver	109-1	46.82	47.57	45.99	46.79	1.69	ppb
Sodium	23-2	2040.31	2010.55	2033.09	2027.98	0.77	ppb
Strontium	86-1	478.40	464.82	480.62	474.61	1.80	ppb
Strontium	88-1	481.93	472.00	486.99	480.31	1.59	ppb
Sulfur	34-1	-536.20	-610.07	-858.86	-668.38		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	181.83	182.71	182.18	182.24	0.24	ppb
Thallium	205-1	194.21	200.68	199.86	198.25	1.78	ppb
Tin	118-1	494.70	500.29	492.56	495.85	0.81	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:08:32	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4676.01	4740.22	4545.14	4653.79	2.14	ppb
Uranium	238-1	454.95	468.38	474.11	465.82	2.11	ppb
Vanadium	51-2	95.77	94.84	93.11	94.57	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	204.02	200.26	197.95	200.74	1.53	ppb
Zirconium	90-1	475.64	472.94	475.10	474.56	0.30	ppb
Zirconium	91-1	462.49	457.41	463.13	461.01	0.68	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:37:01	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.00	18.82	18.72	18.85	0.74	ppb
Antimony	121-1	1.91	1.80	1.86	1.86	2.97	ppb
Arsenic	75-2	0.94	0.98	1.10	1.01	8.38	ppb
Barium	135-1	9.53	8.78	9.10	9.13	4.12	ppb
Barium	137-1	9.29	9.48	9.10	9.29	2.04	ppb
Beryllium	9-1	1.09	1.09	1.02	1.07	3.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	25.23	24.72	27.77	25.91	6.31	ppb
Boron	11-1	27.21	28.53	29.56	28.44	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	1.16	0.97	0.80	0.98	18.09	ppb
Cadmium	106-1	1.17	0.39	-1.49	0.02	5928.36	ppb
Cadmium	108-1	1.05	1.08	1.31	1.15	12.54	ppb
Calcium	43-1	492.66	483.27	475.42	483.78	1.78	ppb
Calcium	44-1	492.68	493.83	478.18	488.23	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.88	1.67	1.80	6.61	ppb
Cobalt	59-2	0.94	0.82	0.91	0.89	6.85	ppb
Copper	63-2	1.90	1.85	1.88	1.88	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	50.15	50.74	48.18	49.69	2.70	ppb
Iron	56-2	48.51	49.16	47.25	48.31	2.01	ppb
Iron	57-2	45.71	46.81	45.57	46.03	1.48	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:37:01	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.83	0.80	0.82	3.15	ppb
Lead	207-1	0.87	0.86	0.76	0.83	7.66	ppb
Lead	208-1	0.88	0.85	0.80	0.84	4.62	ppb
Lithium	6-1				106		%
Magnesium	24-2	509.09	502.79	480.16	497.35	3.06	ppb
Manganese	55-2	0.97	0.90	0.86	0.91	6.07	ppb
Molybdenum	94-1	5.36	5.55	5.70	5.54	3.02	ppb
Molybdenum	95-1	4.94	4.80	4.71	4.82	2.33	ppb
Molybdenum	96-1	4.86	4.85	4.84	4.85	0.19	ppb
Molybdenum	97-1	4.62	4.93	4.76	4.77	3.31	ppb
Molybdenum	98-1	4.81	4.68	4.62	4.70	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	1.04	0.98	0.94	12.68	ppb
Phosphorus	31-2	13.81	13.02	16.73	14.52	13.46	ppb
Potassium	39-2	467.67	466.18	457.01	463.62	1.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	4.87	4.12	3.68	4.22	14.24	ppb
Selenium	77-2	5.19	2.63	4.30	4.04	32.15	ppb
Selenium	78-2	5.45	4.82	4.86	5.04	6.99	ppb
Silicon	28-1	3.55	2.94	3.43	3.30	9.76	ppb
Silver	107-1	0.97	1.01	0.93	0.97	4.41	ppb
Silver	109-1	1.00	0.96	0.99	0.98	2.10	ppb
Sodium	23-2	474.79	465.94	471.77	470.83	0.96	ppb
Strontium	86-1	0.79	1.08	0.83	0.90	17.31	ppb
Strontium	88-1	0.99	0.90	0.88	0.92	5.95	ppb
Sulfur	34-1	105.75	-34.34	281.06	117.49	134.51	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.85	0.83	0.87	0.85	2.28	ppb
Thallium	205-1	0.83	0.85	0.81	0.83	2.70	ppb
Tin	118-1	4.82	4.72	4.91	4.82	1.96	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:37:01	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.98	4.98	4.53	4.83	5.37	ppb
Uranium	238-1	0.90	0.84	0.83	0.85	4.42	ppb
Vanadium	51-2	4.77	4.77	4.67	4.74	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	2.39	2.02	2.17	2.19	8.58	ppb
Zirconium	90-1	0.89	0.86	0.86	0.87	2.52	ppb
Zirconium	91-1	0.92	0.85	0.85	0.87	4.54	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:40:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.03	-0.20	0.06	441.62	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	97.12	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00		ppb
Barium	135-1	0.00	-0.01	0.01	0.00		ppb
Barium	137-1	0.02	0.01	0.02	0.01	40.17	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.01	167.82	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	5.94	5.55	5.49	5.66	4.32	ppb
Boron	11-1	6.62	6.17	5.79	6.19	6.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.04	-0.14	-0.07		ppb
Cadmium	106-1	-0.69	-0.90	-1.91	-1.16		ppb
Cadmium	108-1	-0.04	-0.27	0.23	-0.03		ppb
Calcium	43-1	15.63	14.95	15.93	15.50	3.23	ppb
Calcium	44-1	17.14	14.73	16.31	16.06	7.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.13	-0.11	-0.12	-0.12		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.04	0.02	0.02	76.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	1.77	0.01	0.35	0.71	131.09	ppb
Iron	56-2	-0.28	-0.33	-0.30	-0.30		ppb
Iron	57-2	1.95	2.55	1.24	1.92	34.20	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:40:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.04	0.04	33.24	ppb
Lead	207-1	0.01	0.01	0.01	0.01	38.33	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.36	0.36	0.60	0.44	31.23	ppb
Manganese	55-2	0.07	0.01	0.07	0.05	67.02	ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	140.94	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	20.76	ppb
Molybdenum	96-1	0.03	0.01	0.04	0.02	68.87	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	1.95	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	123.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.04	-0.11	-0.08		ppb
Phosphorus	31-2	-3.29	-9.07	7.15	-1.74		ppb
Potassium	39-2	4.37	-1.39	-6.89	-1.31		ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-0.73	0.79	0.08	0.05	1613.63	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.52	1.45	0.14	0.70	95.51	ppb
Silicon	28-1	3.36	3.19	4.07	3.54	13.18	ppb
Silver	107-1	0.01	0.00	0.01	0.01	23.11	ppb
Silver	109-1	0.00	0.00	0.00	0.00	57.71	ppb
Sodium	23-2	-3.10	-0.01	-2.91	-2.01		ppb
Strontium	86-1	0.01	-0.02	0.02	0.00	471.87	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	209.41	ppb
Sulfur	34-1	349.33	304.93	250.67	301.65	16.38	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.01	0.00	300.35	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.09	-0.11	-0.13	-0.11		ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:40:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	-0.01	0.03	0.03	123.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	29.11	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	0.91	0.65	0.72	0.76	17.52	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:43:23	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95197.56	90647.41	89940.18	91928.38	3.10	ppb
Antimony	121-1	1.05	0.98	1.12	1.05	6.69	ppb
Arsenic	75-2	0.35	0.39	0.32	0.35	9.59	ppb
Barium	135-1	1.31	1.32	1.36	1.33	1.89	ppb
Barium	137-1	1.34	1.37	1.35	1.35	1.48	ppb
Beryllium	9-1	0.28	0.27	0.26	0.27	4.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	4.34	4.27	3.91	4.17	5.53	ppb
Boron	11-1	4.53	4.41	4.13	4.36	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	0.18	0.04	0.03	469.43	ppb
Cadmium	106-1	-5.10	-3.08	-4.16	-4.11		ppb
Cadmium	108-1	8.28	7.27	6.24	7.27	14.03	ppb
Calcium	43-1	96161.81	96994.33	92991.11	95382.42	2.21	ppb
Calcium	44-1	96673.76	97202.43	93815.90	95897.36	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.57	17.83	17.28	17.89	3.63	ppb
Cobalt	59-2	1.02	1.02	1.01	1.02	0.83	ppb
Copper	63-2	6.71	6.31	6.39	6.47	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	99233.94	100344.72	96418.79	98665.82	2.05	ppb
Iron	56-2	102027.21	96529.12	96823.82	98460.05	3.14	ppb
Iron	57-2	102837.92	97295.63	98257.28	99463.61	2.98	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:43:23	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.12	4.15	3.87	4.05	3.82	ppb
Lead	207-1	3.80	3.75	3.67	3.74	1.74	ppb
Lead	208-1	3.84	3.92	3.76	3.84	2.19	ppb
Lithium	6-1				112		%
Magnesium	24-2	99663.26	96056.13	95249.90	96989.76	2.42	ppb
Manganese	55-2	6.63	6.60	6.48	6.57	1.17	ppb
Molybdenum	94-1	1466.82	1472.91	1429.19	1456.31	1.63	ppb
Molybdenum	95-1	1806.37	1790.88	1747.85	1781.70	1.70	ppb
Molybdenum	96-1	1819.64	1775.88	1727.48	1774.33	2.60	ppb
Molybdenum	97-1	1845.09	1827.16	1771.96	1814.74	2.10	ppb
Molybdenum	98-1	1809.03	1808.63	1759.49	1792.39	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.96	5.02	4.53	4.84	5.49	ppb
Phosphorus	31-2	92382.11	89864.35	89314.13	90520.19	1.81	ppb
Potassium	39-2	96536.99	93475.67	92278.07	94096.91	2.33	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	-0.21	0.76	0.36	0.30	162.32	ppb
Selenium	77-2	0.86	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-0.63	0.25	0.33	-0.02		ppb
Silicon	28-1	4.66	4.68	3.98	4.44	8.99	ppb
Silver	107-1	0.01	0.03	0.02	0.02	55.01	ppb
Silver	109-1	0.02	0.02	0.01	0.02	10.45	ppb
Sodium	23-2	99985.63	96585.26	96541.93	97704.27	2.02	ppb
Strontium	86-1	31.14	30.87	30.88	30.96	0.50	ppb
Strontium	88-1	31.17	31.73	30.52	31.14	1.95	ppb
Sulfur	34-1	72087.38	74983.87	70047.94	72373.06	3.43	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.12	0.12	0.11	8.13	ppb
Thallium	205-1	0.12	0.12	0.15	0.13	13.09	ppb
Tin	118-1	0.18	0.14	0.13	0.15	20.23	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:43:23	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1919.40	1884.57	1823.88	1875.95	2.58	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.01	ppb
Vanadium	51-2	0.17	0.13	0.11	0.14	21.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	10.12	9.65	9.35	9.71	4.01	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.26	ppb
Zirconium	91-1	0.03	0.02	0.03	0.02	31.69	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:46:21	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99972.58	90697.73	88088.94	92919.75	6.72	ppb
Antimony	121-1	18.96	19.37	18.50	18.95	2.32	ppb
Arsenic	75-2	20.82	18.75	17.80	19.12	8.06	ppb
Barium	135-1	18.63	19.72	18.53	18.96	3.49	ppb
Barium	137-1	19.41	19.65	19.37	19.47	0.78	ppb
Beryllium	9-1	18.39	19.01	17.71	18.37	3.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	38.02	41.48	39.38	39.62	4.40	ppb
Boron	11-1	42.54	45.01	43.72	43.76	2.83	ppb
Bromine	81-1						cps
Cadmium	111-1	18.68	18.67	18.13	18.49	1.69	ppb
Cadmium	106-1	22.85	16.03	18.53	19.14	18.03	ppb
Cadmium	108-1	25.34	26.90	26.17	26.13	2.99	ppb
Calcium	43-1	97902.24	95563.72	96496.11	96654.02	1.22	ppb
Calcium	44-1	97521.68	95314.44	94069.61	95635.24	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.16	34.40	33.85	35.81	8.16	ppb
Cobalt	59-2	20.24	18.28	17.82	18.78	6.85	ppb
Copper	63-2	25.22	23.31	22.53	23.69	5.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	108571.65	97957.33	92860.72	99796.56	8.03	ppb
Iron	56-2	108274.05	96207.72	95032.01	99837.93	7.34	ppb
Iron	57-2	110928.50	96499.06	95329.52	100919.02	8.61	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:46:21	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	21.08	21.79	20.77	21.21	2.47	ppb
Lead	207-1	19.96	20.87	20.34	20.39	2.24	ppb
Lead	208-1	20.53	20.96	20.18	20.56	1.88	ppb
Lithium	6-1				119		%
Magnesium	24-2	107825.53	96480.09	93286.60	99197.41	7.70	ppb
Manganese	55-2	25.99	23.64	22.62	24.08	7.17	ppb
Molybdenum	94-1	1577.16	1577.33	1566.08	1573.52	0.41	ppb
Molybdenum	95-1	1850.24	1810.12	1793.20	1817.85	1.61	ppb
Molybdenum	96-1	1804.89	1790.69	1762.93	1786.17	1.19	ppb
Molybdenum	97-1	1826.83	1838.06	1785.23	1816.70	1.53	ppb
Molybdenum	98-1	1807.77	1831.58	1811.13	1816.83	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.57	23.50	22.98	24.01	5.71	ppb
Phosphorus	31-2	99189.29	89866.44	85359.75	91471.82	7.71	ppb
Potassium	39-2	103264.54	95140.00	90738.20	96380.91	6.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	82-1	18.13	19.11	18.13	18.46	3.05	ppb
Selenium	77-2	13.85	14.44	15.93	14.74	7.26	ppb
Selenium	78-2	17.96	18.52	16.20	17.56	6.89	ppb
Silicon	28-1	18.79	19.18	17.77	18.58	3.91	ppb
Silver	107-1	17.12	17.10	16.63	16.95	1.61	ppb
Silver	109-1	16.99	17.58	16.83	17.14	2.30	ppb
Sodium	23-2	107421.91	98782.78	94123.40	100109.36	6.74	ppb
Strontium	86-1	77.93	78.94	79.58	78.82	1.06	ppb
Strontium	88-1	78.72	79.11	76.98	78.27	1.45	ppb
Sulfur	34-1	72458.61	72046.75	68307.25	70937.54	3.22	ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	17.43	18.07	17.25	17.59	2.43	ppb
Thallium	205-1	18.00	18.48	17.51	18.00	2.69	ppb
Tin	118-1	46.04	46.85	45.08	45.99	1.92	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:46:21	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1913.21	1927.18	1861.06	1900.48	1.83	ppb
Uranium	238-1	48.51	48.90	46.00	47.80	3.30	ppb
Vanadium	51-2	19.50	17.69	17.74	18.31	5.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	29.85	27.68	27.33	28.29	4.82	ppb
Zirconium	90-1	47.89	47.54	47.38	47.60	0.54	ppb
Zirconium	91-1	47.14	46.28	46.27	46.56	1.07	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:53:52	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52684.02	50907.77	50033.30	51208.36	2.64	ppb
Antimony	121-1	498.99	488.53	496.74	494.76	1.11	ppb
Arsenic	75-2	474.62	473.42	451.80	466.61	2.75	ppb
Barium	135-1	2442.22	2416.70	2440.11	2433.01	0.58	ppb
Barium	137-1	2451.45	2348.85	2428.56	2409.62	2.24	ppb
Beryllium	9-1	484.80	475.27	487.07	482.38	1.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	474.06	493.08	513.21	493.45	3.97	ppb
Boron	11-1	509.45	535.52	551.05	532.01	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	488.23	476.26	478.95	481.15	1.30	ppb
Cadmium	106-1	487.95	484.43	475.21	482.53	1.36	ppb
Cadmium	108-1	478.35	466.94	476.77	474.02	1.30	ppb
Calcium	43-1	251361.85	250233.02	256377.87	252657.58	1.29	ppb
Calcium	44-1	249843.86	248361.98	253494.24	250566.69	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.62	465.13	447.23	461.66	2.83	ppb
Cobalt	59-2	495.89	490.15	476.94	487.66	1.99	ppb
Copper	63-2	4986.89	4769.20	4749.25	4835.11	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	129369.23	130007.43	125136.61	128171.09	2.07	ppb
Iron	56-2	131342.33	130028.86	125953.12	129108.10	2.18	ppb
Iron	57-2	130266.16	130868.95	125175.96	128770.36	2.43	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:53:52	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2454.52	2382.86	2347.35	2394.91	2.28	ppb
Lead	207-1	2427.85	2413.89	2322.62	2388.12	2.39	ppb
Lead	208-1	2443.25	2403.58	2318.85	2388.56	2.66	ppb
Lithium	6-1				112		%
Magnesium	24-2	257140.58	256133.68	254633.19	255969.15	0.49	ppb
Manganese	55-2	4744.81	4825.36	4728.21	4766.13	1.09	ppb
Molybdenum	94-1	4743.89	4746.62	4771.44	4753.98	0.32	ppb
Molybdenum	95-1	4739.12	4786.66	4734.56	4753.45	0.61	ppb
Molybdenum	96-1	4771.66	4820.06	4824.16	4805.29	0.61	ppb
Molybdenum	97-1	4688.44	4773.53	4768.01	4743.33	1.00	ppb
Molybdenum	98-1	4747.46	4800.02	4799.34	4782.27	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.08	477.72	471.36	476.05	0.86	ppb
Phosphorus	31-2	9712.30	9750.23	9585.09	9682.54	0.89	ppb
Potassium	39-2	129681.22	127772.27	124399.95	127284.48	2.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	485.15	491.70	491.54	489.46	0.76	ppb
Selenium	77-2	486.90	494.38	495.56	492.28	0.95	ppb
Selenium	78-2	494.32	495.06	476.61	488.66	2.14	ppb
Silicon	28-1	559.17	557.10	576.62	564.30	1.90	ppb
Silver	107-1	488.85	476.94	479.27	481.69	1.31	ppb
Silver	109-1	476.89	470.18	478.70	475.26	0.95	ppb
Sodium	23-2	261533.20	257339.17	253381.42	257417.93	1.58	ppb
Strontium	86-1	12076.65	12220.68	11880.45	12059.26	1.42	ppb
Strontium	88-1	11720.33	12062.11	11862.24	11881.56	1.45	ppb
Sulfur	34-1	8568.10	8571.07	9004.51	8714.56	2.88	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	493.35	478.43	478.48	483.42	1.78	ppb
Thallium	205-1	500.18	479.87	483.47	487.84	2.22	ppb
Tin	118-1	484.56	465.86	472.18	474.20	2.01	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:53:52	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4821.82	4724.90	4681.80	4742.84	1.51	ppb
Uranium	238-1	486.12	484.26	499.75	490.04	1.73	ppb
Vanadium	51-2	488.44	481.58	471.93	480.65	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	5168.90	5111.66	5006.46	5095.67	1.62	ppb
Zirconium	90-1	472.85	484.55	475.15	477.52	1.30	ppb
Zirconium	91-1	463.87	468.73	465.85	466.15	0.52	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:58:56	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.12	2.52	1.38	2.01	28.68	ppb
Antimony	121-1	0.07	0.10	0.13	0.10	30.29	ppb
Arsenic	75-2	0.00	0.00	0.03	0.01	201.79	ppb
Barium	135-1	0.11	0.05	0.12	0.09	40.05	ppb
Barium	137-1	0.14	0.14	0.06	0.11	43.48	ppb
Beryllium	9-1	0.05	0.05	0.03	0.04	23.60	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	27.66	25.69	23.79	25.71	7.53	ppb
Boron	11-1	29.28	27.43	26.27	27.66	5.49	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.06	-0.37	-0.18		ppb
Cadmium	106-1	-3.00	-2.18	-5.90	-3.70		ppb
Cadmium	108-1	-0.92	-0.93	-0.65	-0.83		ppb
Calcium	43-1	19.78	14.52	9.99	14.76	33.21	ppb
Calcium	44-1	20.83	14.05	14.34	16.41	23.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.06	-0.05	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	207.12	ppb
Copper	63-2	0.23	0.25	0.19	0.22	12.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	3.49	4.29	6.94	4.91	36.82	ppb
Iron	56-2	5.32	5.14	4.62	5.03	7.21	ppb
Iron	57-2	6.51	5.89	1.43	4.61	60.16	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:58:56	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.17	0.12	0.16	22.87	ppb
Lead	207-1	0.16	0.15	0.13	0.15	10.33	ppb
Lead	208-1	0.18	0.15	0.12	0.15	19.39	ppb
Lithium	6-1				115		%
Magnesium	24-2	8.05	6.29	5.43	6.59	20.26	ppb
Manganese	55-2	0.12	0.12	0.10	0.11	11.16	ppb
Molybdenum	94-1	0.30	0.18	0.19	0.22	31.46	ppb
Molybdenum	95-1	0.31	0.25	0.23	0.26	16.08	ppb
Molybdenum	96-1	0.32	0.19	0.16	0.22	36.67	ppb
Molybdenum	97-1	0.30	0.20	0.18	0.22	27.97	ppb
Molybdenum	98-1	0.29	0.17	0.17	0.21	31.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.10	-0.06	-0.09		ppb
Phosphorus	31-2	20.38	2.68	13.69	12.25	72.94	ppb
Potassium	39-2	-1.31	-2.37	-0.03	-1.24		ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	0.38	-0.11	-0.51	-0.08		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.67	-0.43	0.08	671.67	ppb
Silicon	28-1	1.30	0.81	1.33	1.14	25.12	ppb
Silver	107-1	0.03	0.04	0.03	0.03	19.85	ppb
Silver	109-1	0.04	0.02	0.02	0.03	45.23	ppb
Sodium	23-2	36.74	34.85	31.84	34.47	7.17	ppb
Strontium	86-1	0.62	0.30	0.35	0.42	40.61	ppb
Strontium	88-1	0.59	0.40	0.32	0.44	31.87	ppb
Sulfur	34-1	-1225.98	-1354.32	-1205.72	-1262.01		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.16	0.09	0.14	0.13	25.80	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	0.72	ppb
Tin	118-1	-0.02	-0.05	-0.07	-0.05		ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:58:56	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.21	0.13	0.17	24.26	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	17.63	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	187.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	0.52	0.51	0.71	0.58	19.68	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	26.18	ppb
Zirconium	91-1	0.03	0.05	0.00	0.03	78.45	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:02:28	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.30	20.24	20.52	20.69	2.67	ppb
Antimony	121-1	1.79	1.84	1.82	1.82	1.52	ppb
Arsenic	75-2	1.02	1.22	1.11	1.12	9.23	ppb
Barium	135-1	9.10	9.17	8.08	8.78	6.96	ppb
Barium	137-1	9.19	8.94	8.89	9.00	1.79	ppb
Beryllium	9-1	1.06	1.02	0.91	1.00	7.93	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	33.76	35.11	35.33	34.73	2.45	ppb
Boron	11-1	36.23	38.62	37.41	37.42	3.20	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	0.61	0.81	0.84	29.31	ppb
Cadmium	106-1	-0.08	-4.84	-2.51	-2.47		ppb
Cadmium	108-1	-0.10	0.17	0.12	0.06	220.67	ppb
Calcium	43-1	497.85	484.33	456.40	479.53	4.41	ppb
Calcium	44-1	493.23	489.98	468.72	483.98	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.92	1.80	1.88	3.57	ppb
Cobalt	59-2	0.92	0.90	0.85	0.89	4.35	ppb
Copper	63-2	2.05	2.01	1.85	1.97	5.28	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				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	55.66	48.41	50.08	51.39	7.38	ppb
Iron	56-2	53.52	50.42	48.29	50.74	5.19	ppb
Iron	57-2	51.37	50.12	47.76	49.75	3.69	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:02:28	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.95	0.95	0.92	5.17	ppb
Lead	207-1	0.97	0.95	1.01	0.98	3.42	ppb
Lead	208-1	0.93	0.94	0.92	0.93	1.04	ppb
Lithium	6-1				117		%
Magnesium	24-2	543.89	527.91	502.78	524.86	3.95	ppb
Manganese	55-2	0.99	0.92	0.95	0.95	3.66	ppb
Molybdenum	94-1	5.63	5.57	5.30	5.50	3.17	ppb
Molybdenum	95-1	4.76	4.65	4.71	4.71	1.12	ppb
Molybdenum	96-1	4.86	4.84	4.40	4.70	5.57	ppb
Molybdenum	97-1	4.50	4.70	4.49	4.56	2.67	ppb
Molybdenum	98-1	4.88	4.65	4.47	4.67	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.05	0.87	0.97	9.58	ppb
Phosphorus	31-2	-4.44	18.93	-1.88	4.20	304.98	ppb
Potassium	39-2	466.62	466.54	466.66	466.61	0.01	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	4.31	4.68	4.98	4.66	7.21	ppb
Selenium	77-2	7.63	3.38	6.90	5.97	38.06	ppb
Selenium	78-2	5.93	5.29	5.20	5.47	7.22	ppb
Silicon	28-1	1.29	0.73	1.03	1.02	27.66	ppb
Silver	107-1	1.10	0.99	0.94	1.01	7.75	ppb
Silver	109-1	1.04	0.99	0.93	0.99	5.61	ppb
Sodium	23-2	538.15	501.59	500.01	513.25	4.20	ppb
Strontium	86-1	1.01	0.97	0.91	0.96	5.42	ppb
Strontium	88-1	1.10	1.08	1.01	1.06	4.42	ppb
Sulfur	34-1	-1042.04	-1139.67	-1226.53	-1136.08		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.96	0.96	0.99	0.97	2.06	ppb
Thallium	205-1	0.90	0.97	0.93	0.93	3.84	ppb
Tin	118-1	4.72	4.44	4.40	4.52	3.89	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:02:28	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.74	5.11	4.93	4.93	3.73	ppb
Uranium	238-1	0.86	0.83	0.89	0.86	3.31	ppb
Vanadium	51-2	4.79	4.58	4.66	4.68	2.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	2.34	2.54	2.27	2.38	5.87	ppb
Zirconium	90-1	0.92	0.86	0.86	0.88	4.26	ppb
Zirconium	91-1	0.80	0.85	0.90	0.85	5.97	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BL	Instrumnet Name :	P8
Client Sample ID :	PB144624BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:05:37	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	0.16	0.33	0.42	74.27	ppb
Antimony	121-1	0.01	0.02	0.04	0.03	65.53	ppb
Arsenic	75-2	-0.02	0.05	-0.01	0.01	667.65	ppb
Barium	135-1	0.02	0.04	-0.01	0.01	158.14	ppb
Barium	137-1	0.03	0.04	0.00	0.02	80.61	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	28.17	ppb
Bismuth	209-1				112		%
Bismuth	209-2				100		%
Boron	10-1	13.41	13.15	12.45	13.01	3.82	ppb
Boron	11-1	14.45	13.72	13.84	14.00	2.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.20	-0.24	-0.17	-0.20		ppb
Cadmium	106-1	-3.28	-4.13	-2.85	-3.42		ppb
Cadmium	108-1	-0.77	-0.73	-0.77	-0.76		ppb
Calcium	43-1	1.01	-1.14	2.25	0.71	242.91	ppb
Calcium	44-1	3.09	1.77	1.84	2.23	33.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	-0.01	0.02	0.06	167.49	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	272.00	ppb
Copper	63-2	0.09	0.12	0.04	0.08	43.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	4.08	2.68	-0.01	2.25	92.36	ppb
Iron	56-2	2.19	0.70	0.91	1.26	63.84	ppb
Iron	57-2	3.53	2.94	-0.44	2.01	106.48	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BL	Instrumnet Name :	P8
Client Sample ID :	PB144624BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:05:37	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.07	0.07	8.84	ppb
Lead	207-1	0.07	0.06	0.04	0.06	22.39	ppb
Lead	208-1	0.08	0.05	0.05	0.06	22.35	ppb
Lithium	6-1				115		%
Magnesium	24-2	2.69	1.78	3.23	2.57	28.60	ppb
Manganese	55-2	0.10	0.06	0.09	0.08	25.26	ppb
Molybdenum	94-1	0.01	0.03	0.04	0.03	60.68	ppb
Molybdenum	95-1	0.05	0.05	0.07	0.06	19.13	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	13.09	ppb
Molybdenum	97-1	0.04	0.08	0.07	0.06	35.51	ppb
Molybdenum	98-1	0.06	0.03	0.05	0.05	25.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.11	-0.05	-0.06		ppb
Phosphorus	31-2	30.56	-7.26	-0.98	7.44	272.51	ppb
Potassium	39-2	19.12	-3.95	-8.90	2.09	715.94	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	0.41	-0.54	-1.26	-0.46		ppb
Selenium	77-2	0.00	0.00	0.86	0.29	173.21	ppb
Selenium	78-2	0.73	-0.22	0.11	0.21	229.92	ppb
Silicon	28-1	-1.56	-1.73	-1.88	-1.72		ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.11	ppb
Silver	109-1	0.02	0.01	0.01	0.01	18.35	ppb
Sodium	23-2	29.93	21.33	19.66	23.64	23.32	ppb
Strontium	86-1	0.09	0.19	0.18	0.15	36.42	ppb
Strontium	88-1	0.11	0.10	0.11	0.11	5.57	ppb
Sulfur	34-1	-812.22	-936.72	-1028.47	-925.80		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.08	0.11	0.10	17.03	ppb
Thallium	205-1	0.08	0.10	0.09	0.09	10.75	ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BL	Instrumnet Name :	P8
Client Sample ID :	PB144624BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:05:37	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.07	0.03	-0.06	-0.03		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	23.01	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	44.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	0.49	0.23	0.30	0.34	39.80	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	279.33	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	76.77	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BS	Instrumnet Name :	P8
Client Sample ID :	PB144624BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:08:43	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9437.43	9453.31	8954.89	9281.88	3.05	ppb
Antimony	121-1	468.33	475.80	500.04	481.39	3.44	ppb
Arsenic	75-2	477.33	475.33	455.55	469.40	2.56	ppb
Barium	135-1	2370.96	2413.37	2426.39	2403.57	1.21	ppb
Barium	137-1	2355.01	2388.64	2429.07	2390.91	1.55	ppb
Beryllium	9-1	464.31	471.35	463.39	466.35	0.93	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	318.70	353.79	352.51	341.67	5.82	ppb
Boron	11-1	353.18	374.25	387.70	371.71	4.68	ppb
Bromine	81-1						cps
Cadmium	111-1	477.35	476.25	495.23	482.94	2.21	ppb
Cadmium	106-1	460.61	463.22	484.54	469.46	2.80	ppb
Cadmium	108-1	469.88	491.51	497.67	486.35	3.00	ppb
Calcium	43-1	54871.48	55332.79	56126.17	55443.48	1.14	ppb
Calcium	44-1	53152.25	54085.49	52891.45	53376.39	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455.52	446.02	435.73	445.76	2.22	ppb
Cobalt	59-2	451.04	446.80	436.24	444.69	1.71	ppb
Copper	63-2	4804.86	4765.06	4498.18	4689.37	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	26611.70	26676.66	25687.60	26325.32	2.10	ppb
Iron	56-2	25887.69	25265.61	24884.53	25345.94	2.00	ppb
Iron	57-2	23884.10	24136.86	23583.67	23868.21	1.16	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BS	Instrumnet Name :	P8
Client Sample ID :	PB144624BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:08:43	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2326.24	2272.13	2312.67	2303.68	1.22	ppb
Lead	207-1	2357.27	2243.78	2312.79	2304.61	2.48	ppb
Lead	208-1	2339.86	2260.87	2310.82	2303.85	1.73	ppb
Lithium	6-1				119		%
Magnesium	24-2	52700.19	52282.28	49572.42	51518.30	3.30	ppb
Manganese	55-2	4849.26	4633.68	4566.88	4683.27	3.15	ppb
Molybdenum	94-1	4780.31	4615.11	4640.43	4678.62	1.90	ppb
Molybdenum	95-1	4807.58	4675.24	4732.94	4738.59	1.40	ppb
Molybdenum	96-1	4752.42	4722.77	4810.63	4761.94	0.94	ppb
Molybdenum	97-1	4693.93	4663.23	4772.65	4709.94	1.20	ppb
Molybdenum	98-1	4756.07	4717.47	4757.94	4743.83	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.62	470.49	457.81	468.98	2.24	ppb
Phosphorus	31-2	9705.99	9399.94	9268.64	9458.19	2.37	ppb
Potassium	39-2	25142.51	25178.78	24536.84	24952.71	1.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	483.61	489.57	489.37	487.52	0.69	ppb
Selenium	77-2	491.39	449.19	463.96	468.18	4.57	ppb
Selenium	78-2	482.35	470.19	455.31	469.29	2.89	ppb
Silicon	28-1	142.36	152.81	161.68	152.28	6.35	ppb
Silver	107-1	485.97	498.33	500.34	494.88	1.57	ppb
Silver	109-1	474.21	483.32	504.15	487.23	3.15	ppb
Sodium	23-2	51407.98	52186.96	49107.07	50900.67	3.15	ppb
Strontium	86-1	11768.77	11984.57	11736.00	11829.78	1.14	ppb
Strontium	88-1	11756.28	11850.82	11907.67	11838.26	0.65	ppb
Sulfur	34-1	8540.64	8754.92	9202.03	8832.53	3.82	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	462.41	468.14	460.62	463.73	0.85	ppb
Thallium	205-1	473.95	452.87	459.21	462.01	2.34	ppb
Tin	118-1	462.61	485.75	489.10	479.16	3.01	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BS	Instrumnet Name :	P8
Client Sample ID :	PB144624BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:08:43	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4739.96	4764.40	4646.16	4716.84	1.32	ppb
Uranium	238-1	470.40	461.09	452.53	461.34	1.94	ppb
Vanadium	51-2	467.77	467.20	448.82	461.26	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	4577.59	4628.95	4384.63	4530.39	2.84	ppb
Zirconium	90-1	472.78	463.11	470.75	468.88	1.09	ppb
Zirconium	91-1	456.52	453.07	454.05	454.55	0.39	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2022-06-02 18:16:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25100.08	24247.41	24569.51	24639.00	1.75	ppb
Antimony	121-1	74.38	74.74	74.32	74.48	0.31	ppb
Arsenic	75-2	474.15	467.49	447.00	462.88	3.06	ppb
Barium	135-1	1437.70	1440.72	1419.23	1432.55	0.81	ppb
Barium	137-1	1403.93	1443.24	1416.14	1421.10	1.42	ppb
Beryllium	9-1	117.36	116.67	118.20	117.41	0.65	ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	536.59	539.20	577.03	550.94	4.11	ppb
Boron	11-1	532.52	565.77	575.71	558.00	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	572.98	576.86	576.66	575.50	0.38	ppb
Cadmium	106-1	476.19	478.19	474.55	476.31	0.38	ppb
Cadmium	108-1	494.31	504.36	503.91	500.86	1.13	ppb
Calcium	43-1	28451.40	27788.83	27035.26	27758.50	2.55	ppb
Calcium	44-1	28595.31	27393.12	27174.61	27721.01	2.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	334.45	325.99	325.61	328.68	1.52	ppb
Cobalt	59-2	517.45	456.20	456.91	476.85	7.37	ppb
Copper	63-2	182.51	177.32	177.39	179.08	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	48888.06	48793.69	46558.06	48079.94	2.74	ppb
Iron	56-2	48754.77	47455.95	46832.59	47681.10	2.06	ppb
Iron	57-2	49800.32	46584.39	47277.71	47887.47	3.53	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2022-06-02 18:16:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	270.00	285.16	266.59	273.91	3.61	ppb
Lead	207-1	272.24	278.51	266.03	272.26	2.29	ppb
Lead	208-1	289.41	293.39	282.31	288.37	1.95	ppb
Lithium	6-1				140		%
Magnesium	24-2	32355.46	31667.39	31988.35	32003.73	1.08	ppb
Manganese	55-2	1790.60	1770.00	1716.89	1759.16	2.16	ppb
Molybdenum	94-1	310.41	297.89	300.43	302.91	2.19	ppb
Molybdenum	95-1	360.93	349.54	348.53	353.00	1.95	ppb
Molybdenum	96-1	354.92	350.42	340.61	348.65	2.10	ppb
Molybdenum	97-1	362.76	360.30	352.64	358.57	1.47	ppb
Molybdenum	98-1	375.83	369.32	364.49	369.88	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	167.01	161.25	160.57	162.94	2.17	ppb
Phosphorus	31-2	1926.13	1588.37	1711.53	1742.01	9.81	ppb
Potassium	39-2	36920.55	36328.85	36110.77	36453.39	1.15	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				118		%
Scandium	45-2				116		%
Selenium	82-1	549.95	547.88	547.29	548.37	0.25	ppb
Selenium	77-2	564.92	554.67	595.18	571.59	3.68	ppb
Selenium	78-2	557.59	551.41	538.50	549.17	1.77	ppb
Silicon	28-1	977.51	984.93	958.16	973.53	1.42	ppb
Silver	107-1	98.62	100.86	99.77	99.75	1.12	ppb
Silver	109-1	99.54	101.16	98.06	99.59	1.56	ppb
Sodium	23-2	2322.74	2270.81	2328.97	2307.51	1.38	ppb
Strontium	86-1	573.45	564.26	551.13	562.95	1.99	ppb
Strontium	88-1	578.66	568.57	570.92	572.72	0.92	ppb
Sulfur	34-1	-1433.80	-1566.88	-1525.76	-1508.81		ppb
Terbium	159-1				119		%
Terbium	159-2				114		%
Thallium	203-1	103.19	103.28	100.98	102.48	1.27	ppb
Thallium	205-1	104.57	109.79	103.39	105.92	3.22	ppb
Tin	118-1	318.79	334.25	324.37	325.80	2.40	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2022-06-02 18:16:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	641.60	634.82	622.35	632.93	1.54	ppb
Uranium	238-1	144.66	141.16	136.47	140.77	2.92	ppb
Vanadium	51-2	287.19	275.65	268.17	277.01	3.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	1151.92	1131.82	1117.13	1133.63	1.54	ppb
Zirconium	90-1	7.05	7.06	7.04	7.05	0.17	ppb
Zirconium	91-1	7.20	7.00	6.95	7.05	1.82	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2022-06-02 18:23:18	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11942.18	11424.62	11489.19	11618.66	2.43	ppb
Antimony	121-1	37.54	38.83	36.92	37.76	2.57	ppb
Arsenic	75-2	231.06	220.37	228.40	226.61	2.46	ppb
Barium	135-1	678.31	691.78	680.72	683.60	1.05	ppb
Barium	137-1	736.37	736.89	710.69	727.98	2.06	ppb
Beryllium	9-1	64.58	62.91	64.24	63.91	1.38	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	314.39	317.14	343.86	325.13	5.01	ppb
Boron	11-1	343.25	352.57	370.76	355.53	3.94	ppb
Bromine	81-1						cps
Cadmium	111-1	295.56	302.84	286.38	294.93	2.80	ppb
Cadmium	106-1	247.48	251.09	240.98	246.52	2.08	ppb
Cadmium	108-1	259.01	258.44	249.54	255.66	2.08	ppb
Calcium	43-1	13954.79	13508.62	13363.26	13608.89	2.27	ppb
Calcium	44-1	14257.04	13745.34	13814.96	13939.12	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167.60	159.53	160.10	162.41	2.77	ppb
Cobalt	59-2	235.09	230.12	230.16	231.79	1.23	ppb
Copper	63-2	92.67	88.25	89.32	90.08	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				111		%
Iron	54-2	24569.23	23510.94	24299.36	24126.51	2.28	ppb
Iron	56-2	24019.87	22748.70	22778.64	23182.40	3.13	ppb
Iron	57-2	22474.45	21242.69	21581.67	21766.27	2.92	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2022-06-02 18:23:18	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	140.61	138.77	136.38	138.59	1.53	ppb
Lead	207-1	139.61	136.44	134.22	136.76	1.98	ppb
Lead	208-1	139.40	137.82	136.00	137.74	1.23	ppb
Lithium	6-1				126		%
Magnesium	24-2	16370.71	15747.94	15932.56	16017.07	2.00	ppb
Manganese	55-2	824.49	804.71	795.49	808.23	1.83	ppb
Molybdenum	94-1	157.07	152.18	149.68	152.98	2.46	ppb
Molybdenum	95-1	189.37	178.84	175.38	181.20	4.02	ppb
Molybdenum	96-1	180.37	175.82	176.94	177.71	1.33	ppb
Molybdenum	97-1	186.26	181.42	179.96	182.55	1.81	ppb
Molybdenum	98-1	183.92	178.20	174.79	178.97	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.56	78.77	79.35	80.23	2.54	ppb
Phosphorus	31-2	857.80	885.23	809.56	850.86	4.50	ppb
Potassium	39-2	18082.46	18136.49	18171.32	18130.09	0.25	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				119		%
Scandium	45-2				115		%
Selenium	82-1	290.41	275.63	271.78	279.27	3.52	ppb
Selenium	77-2	310.99	278.35	260.55	283.30	9.03	ppb
Selenium	78-2	273.58	260.16	269.74	267.83	2.58	ppb
Silicon	28-1	494.43	475.60	464.04	478.02	3.21	ppb
Silver	107-1	52.56	53.69	50.75	52.34	2.83	ppb
Silver	109-1	52.01	52.78	50.26	51.69	2.50	ppb
Sodium	23-2	1158.81	1113.16	1126.63	1132.87	2.07	ppb
Strontium	86-1	291.83	285.93	277.57	285.11	2.51	ppb
Strontium	88-1	298.82	292.67	283.81	291.77	2.59	ppb
Sulfur	34-1	-1562.37	-1705.94	-1583.60	-1617.30		ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	52.62	52.31	50.26	51.73	2.47	ppb
Thallium	205-1	53.88	54.50	52.00	53.46	2.43	ppb
Tin	118-1	161.62	162.95	155.46	160.01	2.50	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2022-06-02 18:23:18	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	321.18	317.39	308.32	315.63	2.09	ppb
Uranium	238-1	66.21	65.96	62.67	64.95	3.04	ppb
Vanadium	51-2	140.20	135.94	135.43	137.19	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	569.23	560.01	565.93	565.06	0.83	ppb
Zirconium	90-1	3.68	3.50	3.49	3.56	3.00	ppb
Zirconium	91-1	3.55	3.52	3.27	3.45	4.49	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:29:18	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	124384.13	118400.75	113668.24	118817.71	4.52	ppb
Antimony	121-1	394.43	388.65	385.65	389.58	1.15	ppb
Arsenic	75-2	2260.11	2203.34	2216.49	2226.65	1.33	ppb
Barium	135-1	6923.38	6980.45	6970.39	6958.07	0.44	ppb
Barium	137-1	6986.60	7023.07	6990.06	6999.91	0.29	ppb
Beryllium	9-1	366.24	377.51	374.62	372.79	1.57	ppb
Bismuth	209-1				141		%
Bismuth	209-2				122		%
Boron	10-1	1556.75	1651.28	1651.74	1619.92	3.38	ppb
Boron	11-1	1641.02	1792.21	1822.86	1752.03	5.56	ppb
Bromine	81-1						cps
Cadmium	111-1	2899.37	2863.09	2883.35	2881.94	0.63	ppb
Cadmium	106-1	2248.33	2295.70	2292.58	2278.87	1.16	ppb
Cadmium	108-1	2400.96	2438.78	2365.74	2401.83	1.52	ppb
Calcium	43-1	128826.58	128011.16	130494.69	129110.81	0.98	ppb
Calcium	44-1	128108.17	128905.31	128851.44	128621.64	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1800.04	1673.65	1623.69	1699.13	5.35	ppb
Cobalt	59-2	2439.14	2370.92	2286.91	2365.65	3.22	ppb
Copper	63-2	954.98	948.95	913.79	939.24	2.37	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				133		%
Holmium	165-2				120		%
Indium	115-1				124		%
Indium	115-2				112		%
Iron	54-2	237985.56	223820.35	218994.65	226933.52	4.35	ppb
Iron	56-2	234883.52	223137.22	217724.62	225248.45	3.89	ppb
Iron	57-2	233203.16	222585.39	218039.35	224609.30	3.46	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:29:18	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1368.33	1364.68	1366.91	1366.64	0.13	ppb
Lead	207-1	1359.11	1365.52	1335.27	1353.30	1.18	ppb
Lead	208-1	1364.52	1351.68	1341.47	1352.56	0.85	ppb
Lithium	6-1				246		%
Magnesium	24-2	164769.44	160884.96	152552.68	159402.36	3.92	ppb
Manganese	55-2	8602.30	7965.64	7862.10	8143.35	4.92	ppb
Molybdenum	94-1	1388.19	1395.58	1394.00	1392.59	0.28	ppb
Molybdenum	95-1	1658.29	1626.39	1626.23	1636.97	1.13	ppb
Molybdenum	96-1	1622.91	1586.83	1613.92	1607.89	1.17	ppb
Molybdenum	97-1	1632.92	1635.46	1633.01	1633.80	0.09	ppb
Molybdenum	98-1	1664.73	1635.12	1631.31	1643.72	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	785.26	764.28	743.90	764.48	2.71	ppb
Phosphorus	31-2	9043.25	8768.78	8378.66	8730.23	3.83	ppb
Potassium	39-2	183943.24	176482.44	176272.00	178899.23	2.44	ppb
Rhodium	103-1				120		%
Rhodium	103-2				114		%
Scandium	45-1				148		%
Scandium	45-2				135		%
Selenium	82-1	2504.90	2519.71	2538.45	2521.02	0.67	ppb
Selenium	77-2	2787.81	2879.38	2778.78	2815.32	1.98	ppb
Selenium	78-2	2681.21	2643.89	2622.92	2649.34	1.11	ppb
Silicon	28-1	4378.50	4667.56	4496.53	4514.20	3.22	ppb
Silver	107-1	498.43	502.44	512.78	504.55	1.47	ppb
Silver	109-1	514.14	519.72	508.24	514.03	1.12	ppb
Sodium	23-2	12130.94	11638.04	11649.78	11806.25	2.38	ppb
Strontium	86-1	2579.99	2649.03	2550.04	2593.02	1.96	ppb
Strontium	88-1	2532.74	2546.34	2520.16	2533.08	0.52	ppb
Sulfur	34-1	-1229.93	-1054.94	-1047.24	-1110.70		ppb
Terbium	159-1				135		%
Terbium	159-2				119		%
Thallium	203-1	506.15	528.43	528.23	520.94	2.46	ppb
Thallium	205-1	507.27	508.90	509.10	508.43	0.20	ppb
Tin	118-1	1569.28	1611.41	1552.55	1577.75	1.92	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:29:18	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2949.23	2899.50	2951.46	2933.40	1.00	ppb
Uranium	238-1	636.35	628.31	636.72	633.79	0.75	ppb
Vanadium	51-2	1489.60	1465.56	1373.71	1442.96	4.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				149		%
Yttrium	89-2				139		%
Zinc	66-2	6007.94	5888.48	5487.36	5794.59	4.71	ppb
Zirconium	90-1	31.08	31.35	31.81	31.41	1.17	ppb
Zirconium	91-1	31.46	31.43	32.13	31.68	1.25	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:40:35	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52445.47	50185.33	50604.86	51078.56	2.35	ppb
Antimony	121-1	495.48	487.70	488.02	490.40	0.90	ppb
Arsenic	75-2	516.31	512.18	505.44	511.31	1.07	ppb
Barium	135-1	2413.69	2429.27	2386.87	2409.94	0.89	ppb
Barium	137-1	2394.41	2383.99	2357.81	2378.74	0.79	ppb
Beryllium	9-1	543.82	537.69	535.62	539.04	0.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	537.86	540.78	544.78	541.14	0.64	ppb
Boron	11-1	558.21	577.20	593.49	576.30	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	478.06	462.14	469.74	469.98	1.69	ppb
Cadmium	106-1	476.34	467.53	453.17	465.68	2.51	ppb
Cadmium	108-1	475.29	467.35	468.17	470.27	0.93	ppb
Calcium	43-1	249749.12	250723.07	248307.91	249593.37	0.49	ppb
Calcium	44-1	248374.97	246613.86	244881.15	246623.33	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.22	474.30	458.75	469.42	1.97	ppb
Cobalt	59-2	476.39	478.74	462.80	472.64	1.82	ppb
Copper	63-2	4637.96	4771.93	4628.68	4679.52	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	126450.20	130484.29	124831.43	127255.31	2.29	ppb
Iron	56-2	126414.10	126485.75	122705.16	125201.67	1.73	ppb
Iron	57-2	126648.48	127896.76	121595.07	125380.10	2.66	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:40:35	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2379.62	2347.29	2354.29	2360.40	0.72	ppb
Lead	207-1	2374.02	2346.74	2302.78	2341.18	1.54	ppb
Lead	208-1	2371.64	2364.88	2320.85	2352.45	1.17	ppb
Lithium	6-1				121		%
Magnesium	24-2	262742.33	251483.57	250614.30	254946.73	2.65	ppb
Manganese	55-2	4678.99	4733.36	4536.86	4649.74	2.18	ppb
Molybdenum	94-1	4826.33	4756.25	4705.34	4762.64	1.28	ppb
Molybdenum	95-1	4867.75	4808.62	4643.46	4773.28	2.44	ppb
Molybdenum	96-1	4851.47	4740.66	4624.88	4739.00	2.39	ppb
Molybdenum	97-1	4862.73	4729.67	4605.91	4732.77	2.71	ppb
Molybdenum	98-1	4847.46	4810.93	4654.93	4771.11	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.17	469.87	451.15	461.06	2.04	ppb
Phosphorus	31-2	9570.98	9655.09	9221.99	9482.69	2.42	ppb
Potassium	39-2	126175.81	125098.59	123801.02	125025.14	0.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	493.68	487.29	476.59	485.85	1.78	ppb
Selenium	77-2	512.73	527.17	491.20	510.36	3.55	ppb
Selenium	78-2	483.54	493.40	482.85	486.60	1.21	ppb
Silicon	28-1	557.62	555.54	562.54	558.57	0.64	ppb
Silver	107-1	479.45	472.78	464.55	472.26	1.58	ppb
Silver	109-1	476.58	460.29	472.27	469.72	1.80	ppb
Sodium	23-2	262809.03	254856.19	250009.64	255891.62	2.53	ppb
Strontium	86-1	11899.66	12117.05	11829.00	11948.57	1.26	ppb
Strontium	88-1	11820.85	11883.27	11985.85	11896.66	0.70	ppb
Sulfur	34-1	8980.05	8425.83	8527.22	8644.37	3.41	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	483.63	482.62	471.62	479.29	1.39	ppb
Thallium	205-1	481.78	487.45	470.84	480.02	1.76	ppb
Tin	118-1	472.53	465.13	486.26	474.64	2.26	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:40:35	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4804.82	4620.22	4784.75	4736.59	2.14	ppb
Uranium	238-1	493.09	495.30	478.60	489.00	1.86	ppb
Vanadium	51-2	476.08	470.00	456.17	467.42	2.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	4943.83	4929.94	4863.96	4912.58	0.87	ppb
Zirconium	90-1	472.04	468.97	472.01	471.01	0.37	ppb
Zirconium	91-1	457.39	455.33	458.98	457.23	0.40	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:52:21	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	1.14	0.64	0.74	49.35	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	18.12	ppb
Arsenic	75-2	0.03	0.03	0.03	0.03	12.12	ppb
Barium	135-1	0.09	0.07	0.01	0.06	82.50	ppb
Barium	137-1	0.09	0.01	0.03	0.05	89.81	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	36.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	52.08	52.04	49.97	51.36	2.34	ppb
Boron	11-1	56.26	55.65	55.52	55.81	0.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.37	-0.18	-0.25		ppb
Cadmium	106-1	-4.09	-6.06	-3.59	-4.58		ppb
Cadmium	108-1	-0.79	-0.62	-0.79	-0.74		ppb
Calcium	43-1	6.05	2.07	3.37	3.83	52.90	ppb
Calcium	44-1	9.21	6.24	6.32	7.26	23.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.07	-0.04	-0.04		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.26	0.17	0.18	0.21	23.31	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				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	3.41	3.64	3.37	3.47	4.31	ppb
Iron	56-2	3.06	4.12	3.65	3.61	14.73	ppb
Iron	57-2	2.56	3.29	2.59	2.81	14.67	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:52:21	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.08	0.09	0.10	24.69	ppb
Lead	207-1	0.08	0.11	0.06	0.09	30.38	ppb
Lead	208-1	0.09	0.09	0.07	0.08	16.44	ppb
Lithium	6-1				113		%
Magnesium	24-2	2.12	2.96	1.51	2.20	32.99	ppb
Manganese	55-2	0.09	0.02	0.08	0.06	59.39	ppb
Molybdenum	94-1	0.10	0.00	0.09	0.06	86.13	ppb
Molybdenum	95-1	0.07	0.04	0.03	0.05	39.82	ppb
Molybdenum	96-1	0.07	0.02	0.06	0.05	50.12	ppb
Molybdenum	97-1	0.10	0.04	0.06	0.07	51.02	ppb
Molybdenum	98-1	0.08	0.02	0.03	0.04	75.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.09	-0.09	-0.12		ppb
Phosphorus	31-2	-0.30	1.10	-17.28	-5.49		ppb
Potassium	39-2	-2.06	-0.48	-4.21	-2.25		ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	-0.63	0.36	0.50	0.08	789.60	ppb
Selenium	77-2	0.00	0.00	2.62	0.87	173.21	ppb
Selenium	78-2	1.66	0.32	0.91	0.96	69.88	ppb
Silicon	28-1	-0.49	0.03	0.32	-0.05		ppb
Silver	107-1	0.03	0.03	0.02	0.03	15.38	ppb
Silver	109-1	0.03	0.03	0.02	0.03	19.43	ppb
Sodium	23-2	18.86	20.23	15.31	18.13	14.00	ppb
Strontium	86-1	0.23	0.06	0.05	0.11	88.29	ppb
Strontium	88-1	0.16	0.06	0.05	0.09	67.03	ppb
Sulfur	34-1	-1028.72	-948.15	-1003.22	-993.36		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.12	0.15	0.13	14.65	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	4.54	ppb
Tin	118-1	0.00	-0.06	-0.06	-0.04		ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:52:21	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.02	0.06	0.06	55.13	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	77.56	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	440.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.60	0.24	0.37	0.40	45.01	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	101.94	ppb
Zirconium	91-1	-0.01	0.01	0.03	0.01	177.53	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL3X50	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	50
Date & Time Acquired :	2022-06-02 19:01:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2460.56	2322.10	2273.43	2352.03	4.13	ppb
Antimony	121-1	7.73	7.86	7.36	7.65	3.37	ppb
Arsenic	75-2	48.40	45.97	45.72	46.70	3.17	ppb
Barium	135-1	138.38	137.35	131.71	135.82	2.65	ppb
Barium	137-1	142.36	136.19	134.81	137.78	2.92	ppb
Beryllium	9-1	13.50	13.64	13.17	13.43	1.80	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	79.97	86.97	87.81	84.92	5.07	ppb
Boron	11-1	89.09	96.89	95.77	93.92	4.49	ppb
Bromine	81-1						cps
Cadmium	111-1	60.00	60.32	57.65	59.33	2.46	ppb
Cadmium	106-1	45.59	43.96	46.02	45.19	2.40	ppb
Cadmium	108-1	52.45	50.41	49.45	50.77	3.01	ppb
Calcium	43-1	2801.54	2849.13	2776.03	2808.90	1.32	ppb
Calcium	44-1	2810.21	2838.16	2754.18	2800.85	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.69	33.09	32.15	33.31	3.85	ppb
Cobalt	59-2	50.04	46.92	45.13	47.36	5.25	ppb
Copper	63-2	19.65	18.52	18.11	18.76	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	4786.00	4563.99	4437.68	4595.89	3.84	ppb
Iron	56-2	5024.27	4796.98	4455.06	4758.77	6.02	ppb
Iron	57-2	4656.99	4443.58	4239.22	4446.60	4.70	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL3X50	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	50
Date & Time Acquired :	2022-06-02 19:01:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	28.69	28.23	26.49	27.80	4.18	ppb
Lead	207-1	28.28	27.50	25.38	27.05	5.55	ppb
Lead	208-1	28.24	27.89	25.95	27.36	4.50	ppb
Lithium	6-1				113		%
Magnesium	24-2	3290.86	3132.25	3050.48	3157.86	3.87	ppb
Manganese	55-2	169.18	164.89	155.00	163.02	4.46	ppb
Molybdenum	94-1	30.53	30.88	30.15	30.52	1.20	ppb
Molybdenum	95-1	35.81	36.43	35.00	35.75	2.02	ppb
Molybdenum	96-1	36.35	35.88	35.30	35.84	1.47	ppb
Molybdenum	97-1	37.03	37.02	36.32	36.79	1.10	ppb
Molybdenum	98-1	36.77	36.37	36.22	36.46	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.06	15.68	15.72	16.16	4.86	ppb
Phosphorus	31-2	201.68	167.81	157.60	175.70	13.13	ppb
Potassium	39-2	3767.35	3523.23	3433.69	3574.76	4.83	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	56.37	58.63	53.72	56.24	4.37	ppb
Selenium	77-2	73.74	57.15	60.39	63.76	13.79	ppb
Selenium	78-2	57.40	56.47	52.13	55.33	5.08	ppb
Silicon	28-1	99.08	95.61	96.78	97.16	1.81	ppb
Silver	107-1	10.64	10.73	10.23	10.53	2.52	ppb
Silver	109-1	10.59	10.56	10.29	10.48	1.55	ppb
Sodium	23-2	253.16	239.65	240.89	244.57	3.05	ppb
Strontium	86-1	58.72	57.67	57.37	57.92	1.22	ppb
Strontium	88-1	57.66	58.05	56.70	57.47	1.21	ppb
Sulfur	34-1	-1108.01	-863.92	-793.64	-921.85		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	10.87	10.75	10.10	10.58	3.93	ppb
Thallium	205-1	11.13	10.96	10.26	10.78	4.28	ppb
Tin	118-1	32.20	32.17	30.85	31.74	2.43	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL3X50	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	50
Date & Time Acquired :	2022-06-02 19:01:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	64.25	64.72	63.55	64.17	0.92	ppb
Uranium	238-1	12.67	12.77	12.51	12.65	1.00	ppb
Vanadium	51-2	29.42	27.42	26.22	27.69	5.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	128.25	116.38	112.86	119.17	6.77	ppb
Zirconium	90-1	0.71	0.67	0.68	0.69	3.29	ppb
Zirconium	91-1	0.75	0.74	0.68	0.73	4.89	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:18:08	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52984.49	52653.73	51416.20	52351.47	1.58	ppb
Antimony	121-1	476.76	468.04	480.24	475.01	1.32	ppb
Arsenic	75-2	476.44	477.89	471.74	475.36	0.68	ppb
Barium	135-1	2390.95	2362.24	2397.78	2383.66	0.79	ppb
Barium	137-1	2430.19	2368.23	2386.65	2395.03	1.33	ppb
Beryllium	9-1	493.86	503.91	487.51	495.09	1.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	471.12	497.80	496.59	488.51	3.08	ppb
Boron	11-1	506.51	534.58	527.37	522.82	2.79	ppb
Bromine	81-1						cps
Cadmium	111-1	459.39	438.18	460.39	452.66	2.77	ppb
Cadmium	106-1	461.94	447.41	471.00	460.12	2.59	ppb
Cadmium	108-1	457.50	442.69	463.88	454.69	2.39	ppb
Calcium	43-1	256947.14	253437.20	251833.14	254072.49	1.03	ppb
Calcium	44-1	253302.09	252325.06	250346.98	251991.38	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	465.87	462.18	456.92	461.66	0.98	ppb
Cobalt	59-2	462.59	454.07	450.07	455.58	1.40	ppb
Copper	63-2	4745.48	4662.51	4445.71	4617.90	3.35	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				110		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	128495.87	127217.64	125676.02	127129.84	1.11	ppb
Iron	56-2	127345.26	127050.01	126874.00	127089.76	0.19	ppb
Iron	57-2	126759.93	129287.31	124222.71	126756.65	2.00	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:18:08	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2357.22	2324.12	2335.40	2338.91	0.72	ppb
Lead	207-1	2368.63	2376.00	2354.35	2366.33	0.47	ppb
Lead	208-1	2377.73	2358.39	2350.69	2362.27	0.59	ppb
Lithium	6-1				113		%
Magnesium	24-2	259218.45	253891.20	252841.30	255316.98	1.34	ppb
Manganese	55-2	4830.11	4829.68	4663.85	4774.55	2.01	ppb
Molybdenum	94-1	4703.71	4708.94	4778.16	4730.27	0.88	ppb
Molybdenum	95-1	4779.96	4730.53	4832.33	4780.94	1.06	ppb
Molybdenum	96-1	4759.70	4743.70	4821.47	4774.96	0.86	ppb
Molybdenum	97-1	4745.10	4724.96	4851.88	4773.98	1.43	ppb
Molybdenum	98-1	4812.38	4748.52	4919.48	4826.79	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.08	465.37	453.15	462.20	1.72	ppb
Phosphorus	31-2	9557.99	9759.56	9392.63	9570.06	1.92	ppb
Potassium	39-2	130849.87	129016.47	121782.75	127216.36	3.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	458.57	457.20	460.03	458.60	0.31	ppb
Selenium	77-2	466.15	449.52	464.21	459.96	1.98	ppb
Selenium	78-2	451.13	454.66	443.34	449.71	1.29	ppb
Silicon	28-1	563.86	560.51	558.18	560.85	0.51	ppb
Silver	107-1	471.02	459.79	472.57	467.79	1.49	ppb
Silver	109-1	463.33	450.35	467.13	460.27	1.91	ppb
Sodium	23-2	260054.89	255318.96	254351.28	256575.05	1.19	ppb
Strontium	86-1	11915.35	11922.53	12240.34	12026.07	1.54	ppb
Strontium	88-1	11860.21	11808.63	12113.47	11927.44	1.37	ppb
Sulfur	34-1	8574.14	8314.42	8234.63	8374.40	2.12	ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	475.46	466.28	477.85	473.20	1.29	ppb
Thallium	205-1	478.42	460.33	473.77	470.84	2.00	ppb
Tin	118-1	477.00	457.38	476.50	470.30	2.38	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:18:08	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4783.62	4721.65	4835.59	4780.29	1.19	ppb
Uranium	238-1	491.00	475.77	475.46	480.74	1.85	ppb
Vanadium	51-2	479.55	475.95	463.97	473.15	1.72	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	4501.11	4455.36	4402.32	4452.93	1.11	ppb
Zirconium	90-1	468.45	476.68	478.57	474.57	1.13	ppb
Zirconium	91-1	457.08	462.83	464.62	461.51	0.85	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:22:12	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.19	1.67	1.39	1.75	23.47	ppb
Antimony	121-1	0.15	0.15	0.22	0.17	25.00	ppb
Arsenic	75-2	0.02	0.03	0.03	0.03	28.26	ppb
Barium	135-1	0.25	0.19	0.18	0.21	19.41	ppb
Barium	137-1	0.27	0.20	0.23	0.23	13.99	ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	13.83	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	37.05	37.31	36.90	37.09	0.57	ppb
Boron	11-1	39.41	39.06	39.48	39.32	0.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.28	-0.33	-0.24		ppb
Cadmium	106-1	-2.91	-4.90	-5.25	-4.36		ppb
Cadmium	108-1	-0.41	-0.50	-0.26	-0.39		ppb
Calcium	43-1	34.09	21.53	22.12	25.91	27.34	ppb
Calcium	44-1	33.68	23.40	25.72	27.60	19.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.05	-0.02	-0.02		ppb
Cobalt	59-2	0.02	0.02	0.00	0.01	82.93	ppb
Copper	63-2	0.34	0.19	0.27	0.27	28.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	7.02	7.65	5.42	6.70	17.21	ppb
Iron	56-2	6.27	5.99	4.75	5.67	14.29	ppb
Iron	57-2	6.51	4.41	7.86	6.26	27.71	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:22:12	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.28	0.26	0.23	0.26	9.66	ppb
Lead	207-1	0.29	0.23	0.20	0.24	19.16	ppb
Lead	208-1	0.29	0.24	0.22	0.25	13.78	ppb
Lithium	6-1				114		%
Magnesium	24-2	7.91	8.52	7.00	7.81	9.79	ppb
Manganese	55-2	0.15	0.11	0.15	0.14	19.41	ppb
Molybdenum	94-1	0.50	0.52	0.50	0.50	2.77	ppb
Molybdenum	95-1	0.55	0.38	0.50	0.48	17.75	ppb
Molybdenum	96-1	0.57	0.38	0.44	0.47	20.73	ppb
Molybdenum	97-1	0.62	0.37	0.42	0.47	28.14	ppb
Molybdenum	98-1	0.61	0.36	0.44	0.47	27.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.12	-0.17	-0.12		ppb
Phosphorus	31-2	3.07	-4.75	-34.77	-12.15		ppb
Potassium	39-2	-5.67	-9.21	-7.89	-7.59		ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.92	-0.76	0.13	0.10	873.53	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.57	-0.12	-0.48	-0.39		ppb
Silicon	28-1	1.12	0.74	1.21	1.02	24.28	ppb
Silver	107-1	0.07	0.07	0.05	0.06	19.28	ppb
Silver	109-1	0.09	0.05	0.05	0.06	34.86	ppb
Sodium	23-2	41.47	38.79	38.43	39.56	4.20	ppb
Strontium	86-1	1.18	0.86	0.98	1.01	15.77	ppb
Strontium	88-1	1.32	0.87	0.87	1.02	25.44	ppb
Sulfur	34-1	-1472.13	-1633.56	-1464.63	-1523.44		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.11	0.14	0.13	16.99	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	4.75	ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:22:12	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.46	0.28	0.27	0.34	31.24	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	30.32	ppb
Vanadium	51-2	0.01	0.03	0.01	0.02	57.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	0.40	0.71	0.60	0.57	27.87	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	15.70	ppb
Zirconium	91-1	0.07	0.05	0.07	0.06	20.60	ppb

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:50:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	106	101	100	6.96	cps
Antimony	121-1	42	8	33	28	62.46	cps
Arsenic	75-2	3	4	2	3	33.33	cps
Barium	135-1	17	42	42	33	43.30	cps
Barium	137-1	42	17	17	25	57.73	cps
Beryllium	9-1	44	34	8	29	64.82	cps
Bismuth	209-1	3880133	3911052	3901339	3897508	0.41	cps
Bismuth	209-2	2210156	2199021	2214365	2207847	0.36	cps
Boron	10-1	330	378	336	348	7.52	cps
Boron	11-1	1598	1544	1496	1546	3.30	cps
Bromine	81-1	35020	33655	33996	34224	2.08	cps
Cadmium	111-1	2735	2497	2518	2584	5.11	cps
Cadmium	106-1	4009	3642	3684	3778	5.31	cps
Cadmium	108-1	125	117	104	115	9.09	cps
Calcium	43-1	301	280	294	292	3.70	cps
Calcium	44-1	6039	6018	5933	5997	0.94	cps
Carbon	12-1	4009768	3933827	3843113	3928903	2.12	cps
Carbon	12-2	46332	45931	45755	46006	0.64	cps
Chlorine	35-1	114829	113904	115601	114778	0.74	cps
Chlorine	35-2	1192	933	967	1031	13.64	cps
Chromium	52-2	767	730	703	733	4.34	cps
Cobalt	59-2	60	63	63	62	3.09	cps
Copper	63-2	413	443	480	446	7.49	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	58	44	28.64	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	67	77	67	70	8.25	cps
Holmium	165-1	6371504	6455178	6547155	6457946	1.36	cps
Holmium	165-2	3083890	3181587	3094512	3119996	1.72	cps
Indium	115-1	5844768	5918314	5794399	5852494	1.06	cps
Indium	115-2	1042265	1059852	1055635	1052584	0.87	cps
Iron	54-2	406	528	628	520	21.39	cps
Iron	56-2	4901	4545	4651	4699	3.89	cps
Iron	57-2	178	122	200	167	24.03	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:50:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1352	1326	1367	1349	1.55	cps
Lead	206-1	378	389	461	409	11.06	cps
Lead	207-1	417	361	417	398	8.06	cps
Lead	208-1	1761	1672	1783	1739	3.38	cps
Lithium	6-1	3103942	3315888	3354752	3258194	4.14	cps
Magnesium	24-2	167	242	175	194	21.14	cps
Manganese	55-2	83	67	73	74	11.26	cps
Molybdenum	94-1	92	125	158	125	26.67	cps
Molybdenum	95-1	33	17	8	19	65.47	cps
Molybdenum	96-1	158	242	225	208	21.17	cps
Molybdenum	97-1	0	17	17	11	86.60	cps
Molybdenum	98-1	117	75	117	103	23.41	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	283	313	297	298	5.05	cps
Phosphorus	31-2	125	150	200	158	24.12	cps
Potassium	39-2	14841	14891	14666	14800	0.80	cps
Rhodium	103-1	5531071	5633064	5449874	5538003	1.66	cps
Rhodium	103-2	2651605	2598204	2554954	2601588	1.86	cps
Scandium	45-1	4152604	4231143	4236490	4206746	1.12	cps
Scandium	45-2	154164	155198	155989	155117	0.59	cps
Selenium	82-1	30	5	4	13	114.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	64	53	74	64	16.50	cps
Silicon	28-1	345938	344136	343438	344504	0.37	cps
Silver	107-1	92	42	75	69	36.66	cps
Silver	109-1	50	17	42	36	48.03	cps
Sodium	23-2	8895	9437	8995	9109	3.17	cps
Strontium	86-1	2117	2167	2292	2192	4.11	cps
Strontium	88-1	400	325	317	347	13.22	cps
Sulfur	34-1	218766	222387	220745	220633	0.82	cps
Terbium	159-1	6683500	6771424	6797463	6750796	0.88	cps
Terbium	159-2	3078788	3142184	3115285	3112086	1.02	cps
Thallium	203-1	258	275	192	242	18.25	cps
Thallium	205-1	592	542	533	556	5.68	cps
Tin	118-1	1158	1117	992	1089	7.97	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:50:19	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	117	267	186	40.63	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	3	17	13	11	62.48	cps
Ytterbium	172-1	75	58	33	56	37.75	cps
Ytterbium	172-2	11	39	22	24	58.08	cps
Ytterbium	176-1	1067	1008	1133	1070	5.85	cps
Ytterbium	176-2	4845	5151	5207	5068	3.84	cps
Yttrium	89-1	11702200	11563206	11361171	11542192	1.49	cps
Yttrium	89-2	1511028	1496376	1509967	1505791	0.54	cps
Zinc	66-2	230	243	270	248	8.22	cps
Zirconium	90-1	383	433	442	419	7.52	cps
Zirconium	91-1	33	83	117	78	53.93	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:56:35	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	989	1036	959	994	3.93	cps
Antimony	121-1	8078	7794	7677	7850	2.62	cps
Arsenic	75-2	166	146	156	156	6.41	cps
Barium	135-1	10454	10388	9929	10257	2.79	cps
Barium	137-1	18029	17111	18329	17823	3.56	cps
Beryllium	9-1	1954	1822	2028	1934	5.39	cps
Bismuth	209-1	3849741	3819994	4262308	3977348	6.22	cps
Bismuth	209-2	2248367	2262412	2264974	2258584	0.40	cps
Boron	10-1	6572	6776	7104	6818	3.94	cps
Boron	11-1	28330	29678	30407	29472	3.58	cps
Bromine	81-1	34228	35682	35160	35023	2.10	cps
Cadmium	111-1	3692	3822	3777	3763	1.76	cps
Cadmium	106-1	3592	3892	4034	3840	5.88	cps
Cadmium	108-1	188	171	204	188	8.89	cps
Calcium	43-1	8878	8873	8460	8737	2.74	cps
Calcium	44-1	142451	141907	137814	140724	1.80	cps
Carbon	12-1	3981616	3908033	3769034	3886228	2.78	cps
Carbon	12-2	44927	44518	42981	44142	2.33	cps
Chlorine	35-1	113435	112158	114224	113272	0.92	cps
Chlorine	35-2	1000	1158	833	997	16.30	cps
Chromium	52-2	3384	3307	3460	3384	2.27	cps
Cobalt	59-2	2414	2357	2340	2370	1.62	cps
Copper	63-2	3847	3967	3644	3819	4.28	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	27	10	13	17	52.93	cps
Gadolinium	160-1	58	50	8	39	68.89	cps
Gadolinium	160-2	63	60	60	61	3.15	cps
Holmium	165-1	6325145	6282765	6754206	6454039	4.04	cps
Holmium	165-2	3124657	3165332	3244039	3178009	1.91	cps
Indium	115-1	5762167	5776448	6044644	5861086	2.71	cps
Indium	115-2	1067724	1074612	1125304	1089213	2.89	cps
Iron	54-2	3484	3712	3373	3523	4.91	cps
Iron	56-2	58877	58525	56322	57908	2.39	cps
Iron	57-2	1600	1583	1389	1524	7.70	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:56:35	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1351	1326	1349	1342	1.03	cps
Lead	206-1	3562	3417	3267	3415	4.31	cps
Lead	207-1	2917	2878	2756	2850	2.95	cps
Lead	208-1	13920	13414	13147	13494	2.91	cps
Lithium	6-1	3164425	3101699	3270304	3178809	2.68	cps
Magnesium	24-2	57280	56310	54912	56168	2.12	cps
Manganese	55-2	970	813	800	861	10.98	cps
Molybdenum	94-1	9870	10463	9654	9996	4.19	cps
Molybdenum	95-1	12439	12231	11822	12164	2.58	cps
Molybdenum	96-1	13532	13841	13298	13557	2.01	cps
Molybdenum	97-1	7752	7469	7352	7524	2.74	cps
Molybdenum	98-1	20182	18838	18905	19308	3.92	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	937	800	910	882	8.21	cps
Phosphorus	31-2	250	275	183	236	20.07	cps
Potassium	39-2	61507	57757	58360	59208	3.40	cps
Rhodium	103-1	5529428	5343003	5784161	5552197	3.99	cps
Rhodium	103-2	2662247	2653180	2725099	2680175	1.46	cps
Scandium	45-1	4148253	4222006	4416808	4262356	3.26	cps
Scandium	45-2	154562	157168	161374	157701	2.18	cps
Selenium	82-1	504	503	485	497	2.11	cps
Selenium	77-2	20	17	10	16	32.73	cps
Selenium	78-2	130	99	105	111	14.77	cps
Silicon	28-1	385814	390581	390878	389091	0.73	cps
Silver	107-1	6285	6143	5643	6024	5.60	cps
Silver	109-1	5968	6052	5943	5988	0.95	cps
Sodium	23-2	115027	112097	106018	111047	4.14	cps
Strontium	86-1	3842	3742	3784	3790	1.33	cps
Strontium	88-1	14249	14299	14566	14372	1.19	cps
Sulfur	34-1	221753	219349	219848	220317	0.58	cps
Terbium	159-1	6732240	6535376	6959893	6742503	3.15	cps
Terbium	159-2	3132950	3169502	3306074	3202842	2.85	cps
Thallium	203-1	3626	4201	3867	3898	7.41	cps
Thallium	205-1	9479	8753	8770	9001	4.60	cps
Tin	118-1	20583	20791	19765	20380	2.66	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:56:35	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4042	3892	3676	3870	4.76	cps
Uranium	238-1	11214	11581	11464	11419	1.64	cps
Vanadium	51-2	5511	5351	5254	5372	2.41	cps
Ytterbium	172-1	25	50	33	36	35.25	cps
Ytterbium	172-2	22	22	11	19	34.64	cps
Ytterbium	176-1	908	1142	1058	1036	11.41	cps
Ytterbium	176-2	5007	5223	5218	5149	2.40	cps
Yttrium	89-1	11525493	11314379	11849335	11563069	2.33	cps
Yttrium	89-2	1554689	1537331	1588910	1560310	1.68	cps
Zinc	66-2	870	693	810	791	11.36	cps
Zirconium	90-1	8653	9095	8369	8706	4.20	cps
Zirconium	91-1	1967	1917	2125	2003	5.43	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:59:42	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48948	48617	46831	48132	2.37	cps
Antimony	121-1	210941	207602	197852	205465	3.31	cps
Arsenic	75-2	7231	7304	7206	7247	0.70	cps
Barium	135-1	280158	280141	270891	277063	1.93	cps
Barium	137-1	488922	491369	469636	483309	2.46	cps
Beryllium	9-1	91862	93382	89491	91578	2.14	cps
Bismuth	209-1	3803283	3838796	3816163	3819414	0.47	cps
Bismuth	209-2	2239144	2207281	2085956	2177460	3.71	cps
Boron	10-1	13918	14076	14909	14301	3.72	cps
Boron	11-1	60209	63111	64097	62472	3.23	cps
Bromine	81-1	33264	34760	33073	33699	2.74	cps
Cadmium	111-1	64884	64209	62301	63798	2.10	cps
Cadmium	106-1	10696	10446	10229	10457	2.24	cps
Cadmium	108-1	4797	4847	4630	4758	2.39	cps
Calcium	43-1	103241	102011	100998	102084	1.10	cps
Calcium	44-1	1591944	1610542	1528734	1577073	2.72	cps
Carbon	12-1	4299885	4432661	4444147	4392231	1.83	cps
Carbon	12-2	54309	55088	55229	54875	0.90	cps
Chlorine	35-1	134404	137726	135438	135856	1.25	cps
Chlorine	35-2	1208	1167	1233	1203	2.80	cps
Chromium	52-2	70784	69123	68483	69463	1.71	cps
Cobalt	59-2	121870	120918	118365	120384	1.51	cps
Copper	63-2	889182	886320	871640	882381	1.07	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	23	37	17	26	39.85	cps
Gadolinium	160-1	33	92	58	61	47.90	cps
Gadolinium	160-2	67	80	57	68	17.27	cps
Holmium	165-1	6241073	6364377	6308468	6304640	0.98	cps
Holmium	165-2	3111099	3250615	3095398	3152371	2.71	cps
Indium	115-1	5635701	5562736	5760645	5653027	1.77	cps
Indium	115-2	1044475	1056776	1032759	1044670	1.15	cps
Iron	54-2	163184	164213	158796	162064	1.78	cps
Iron	56-2	3071461	3079459	3012705	3054542	1.19	cps
Iron	57-2	74014	73410	71149	72858	2.07	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:59:42	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1405	1405	1386	1399	0.77	cps
Lead	206-1	765470	763397	766044	764970	0.18	cps
Lead	207-1	671613	684217	656379	670736	2.08	cps
Lead	208-1	3245430	3251696	3150843	3215990	1.76	cps
Lithium	6-1	3261728	3142264	3270033	3224675	2.22	cps
Magnesium	24-2	625587	612325	591916	609942	2.78	cps
Manganese	55-2	408637	405891	395502	403343	1.72	cps
Molybdenum	94-1	870046	876670	843397	863371	2.04	cps
Molybdenum	95-1	1260972	1284304	1232447	1259241	2.06	cps
Molybdenum	96-1	1365419	1419973	1327631	1371008	3.39	cps
Molybdenum	97-1	771130	790956	744686	768924	3.02	cps
Molybdenum	98-1	2000475	2059947	1962597	2007673	2.44	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	33246	33139	32297	32894	1.58	cps
Phosphorus	31-2	2992	2900	2775	2889	3.77	cps
Potassium	39-2	262256	261481	255463	259733	1.43	cps
Rhodium	103-1	5221738	5492150	5377337	5363742	2.53	cps
Rhodium	103-2	2604697	2635012	2559453	2599721	1.46	cps
Scandium	45-1	4087076	4182063	4086683	4118608	1.33	cps
Scandium	45-2	154377	155159	152325	153954	0.95	cps
Selenium	82-1	5216	5232	5111	5186	1.27	cps
Selenium	77-2	167	203	130	167	22.00	cps
Selenium	78-2	641	706	691	679	5.01	cps
Silicon	28-1	1178728	1225862	1208935	1204509	1.98	cps
Silver	107-1	312477	315250	303071	310266	2.06	cps
Silver	109-1	304143	311376	295400	303640	2.63	cps
Sodium	23-2	1193134	1181427	1127303	1167288	3.01	cps
Strontium	86-1	2211538	2215447	2099765	2175583	3.02	cps
Strontium	88-1	18578533	18637797	17742051	18319461	2.73	cps
Sulfur	34-1	253344	251426	250980	251917	0.50	cps
Terbium	159-1	6634724	6640853	6634579	6636718	0.05	cps
Terbium	159-2	3006341	3107584	3170888	3094938	2.68	cps
Thallium	203-1	191009	191840	186163	189671	1.62	cps
Thallium	205-1	448035	431585	438942	439521	1.87	cps
Tin	118-1	201467	197156	194655	197759	1.74	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 15:59:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	413763	421129	393007	409300	3.56	cps
Uranium	238-1	588417	593919	568583	583640	2.28	cps
Vanadium	51-2	57622	57481	54791	56632	2.82	cps
Ytterbium	172-1	8	25	58	31	83.33	cps
Ytterbium	172-2	6	6	17	9	69.24	cps
Ytterbium	176-1	1558	2000	1792	1784	12.39	cps
Ytterbium	176-2	5212	5023	5062	5099	1.96	cps
Yttrium	89-1	11012560	11397437	11185879	11198625	1.72	cps
Yttrium	89-2	1535583	1549028	1500458	1528356	1.64	cps
Zinc	66-2	116024	116337	113350	115237	1.42	cps
Zirconium	90-1	444128	449557	435708	443131	1.57	cps
Zirconium	91-1	102091	99077	97415	99528	2.38	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118418	115156	113546	115707	2.15	cps
Antimony	121-1	512821	515277	497688	508595	1.87	cps
Arsenic	75-2	17758	17497	17166	17474	1.70	cps
Barium	135-1	674187	686881	678089	679719	0.96	cps
Barium	137-1	1200827	1209062	1179876	1196588	1.26	cps
Beryllium	9-1	230179	228927	228446	229184	0.39	cps
Bismuth	209-1	3869657	3850366	3848920	3856314	0.30	cps
Bismuth	209-2	2186949	2169190	2190538	2182226	0.52	cps
Boron	10-1	33345	35494	35832	34890	3.87	cps
Boron	11-1	145149	155583	158865	153199	4.68	cps
Bromine	81-1	34117	33384	31850	33117	3.49	cps
Cadmium	111-1	157179	159338	154901	157139	1.41	cps
Cadmium	106-1	19840	21267	20466	20524	3.49	cps
Cadmium	108-1	11588	12043	12331	11987	3.12	cps
Calcium	43-1	256211	254642	249434	253429	1.40	cps
Calcium	44-1	3883447	3978257	3986436	3949380	1.45	cps
Carbon	12-1	4594908	4656362	4687468	4646246	1.01	cps
Carbon	12-2	56375	56074	57070	56506	0.90	cps
Chlorine	35-1	134479	132821	131023	132775	1.30	cps
Chlorine	35-2	1083	1233	1075	1131	7.88	cps
Chromium	52-2	174141	169581	164042	169255	2.99	cps
Cobalt	59-2	300736	287568	282484	290263	3.25	cps
Copper	63-2	2363391	2279323	2235472	2292728	2.84	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	67	25	25	39	61.86	cps
Erbium	164-2	17	17	30	21	36.45	cps
Gadolinium	160-1	75	25	33	44	60.28	cps
Gadolinium	160-2	90	83	70	81	12.55	cps
Holmium	165-1	6422313	6279925	6355894	6352711	1.12	cps
Holmium	165-2	3153695	3212896	3217255	3194615	1.11	cps
Indium	115-1	5499772	5645919	5625906	5590533	1.42	cps
Indium	115-2	1032491	1036416	1038575	1035827	0.30	cps
Iron	54-2	402320	392082	381776	392059	2.62	cps
Iron	56-2	7678998	7352259	7178807	7403355	3.43	cps
Iron	57-2	182528	179449	169598	177192	3.81	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:02:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1259	1279	1344	1294	3.44	cps
Lead	206-1	2133141	2128812	2059520	2107158	1.96	cps
Lead	207-1	1844728	1889780	1774492	1836333	3.16	cps
Lead	208-1	8530380	8635657	8199519	8455185	2.69	cps
Lithium	6-1	3312319	3232472	3221434	3255408	1.52	cps
Magnesium	24-2	1558442	1519719	1487649	1521937	2.33	cps
Manganese	55-2	1009266	976757	965397	983807	2.31	cps
Molybdenum	94-1	2216452	2184862	2123658	2174991	2.17	cps
Molybdenum	95-1	3162528	3164993	3076594	3134705	1.61	cps
Molybdenum	96-1	3468506	3464342	3352042	3428297	1.93	cps
Molybdenum	97-1	1941416	1980097	1899642	1940385	2.07	cps
Molybdenum	98-1	4967007	4965789	4936127	4956308	0.35	cps
Neodymium	150-1	47	47	47	47	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	80074	77614	75308	77665	3.07	cps
Phosphorus	31-2	7010	7110	6860	6994	1.80	cps
Potassium	39-2	630309	609437	591445	610397	3.19	cps
Rhodium	103-1	5357808	5353666	5390551	5367342	0.38	cps
Rhodium	103-2	2478747	2489774	2486904	2485142	0.23	cps
Scandium	45-1	4071764	4170260	4158401	4133475	1.30	cps
Scandium	45-2	152457	149328	148317	150034	1.44	cps
Selenium	82-1	12744	12879	12749	12791	0.60	cps
Selenium	77-2	497	400	383	427	14.34	cps
Selenium	78-2	1601	1569	1481	1551	4.01	cps
Silicon	28-1	2439222	2413288	2375401	2409304	1.33	cps
Silver	107-1	770775	773632	758427	767611	1.05	cps
Silver	109-1	750653	739416	732265	740778	1.25	cps
Sodium	23-2	2861259	2778844	2725826	2788643	2.45	cps
Strontium	86-1	5371875	5446884	5127941	5315567	3.14	cps
Strontium	88-1	45019802	45643666	44451486	45038318	1.32	cps
Sulfur	34-1	304696	305743	301292	303910	0.77	cps
Terbium	159-1	6657335	6654869	6559039	6623748	0.85	cps
Terbium	159-2	3134264	3141253	3050448	3108655	1.63	cps
Thallium	203-1	472923	483019	469957	475300	1.44	cps
Thallium	205-1	1148858	1129981	1097915	1125585	2.29	cps
Tin	118-1	482618	487532	479493	483214	0.84	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:02:51	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	988135	1018545	993062	999914	1.63	cps
Uranium	238-1	1505824	1502755	1494077	1500885	0.41	cps
Vanadium	51-2	143316	136161	134350	137942	3.44	cps
Ytterbium	172-1	75	50	50	58	24.74	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	3009	2967	2909	2962	1.70	cps
Ytterbium	176-2	5662	6068	5590	5774	4.46	cps
Yttrium	89-1	11099778	11334165	11230779	11221574	1.05	cps
Yttrium	89-2	1514730	1446093	1480200	1480341	2.32	cps
Zinc	66-2	286084	285177	275920	282394	1.99	cps
Zirconium	90-1	1106127	1093167	1080730	1093342	1.16	cps
Zirconium	91-1	244647	243490	241335	243157	0.69	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:05:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226544	220345	216040	220976	2.39	cps
Antimony	121-1	1030114	1012198	1002909	1015073	1.36	cps
Arsenic	75-2	33852	33274	32525	33217	2.00	cps
Barium	135-1	1345984	1323744	1323218	1330982	0.98	cps
Barium	137-1	2484939	2433140	2413565	2443881	1.51	cps
Beryllium	9-1	459121	457899	446758	454593	1.50	cps
Bismuth	209-1	3858341	3893795	4020229	3924121	2.17	cps
Bismuth	209-2	2148315	2193487	2147468	2163090	1.22	cps
Boron	10-1	67786	70840	72448	70358	3.37	cps
Boron	11-1	294638	307007	314119	305255	3.23	cps
Bromine	81-1	30384	30655	31659	30899	2.17	cps
Cadmium	111-1	307615	300656	303088	303787	1.16	cps
Cadmium	106-1	37243	36992	36040	36758	1.73	cps
Cadmium	108-1	23888	23432	23733	23684	0.98	cps
Calcium	43-1	503260	497787	490758	497268	1.26	cps
Calcium	44-1	7767811	7763214	7567812	7699612	1.48	cps
Carbon	12-1	4582177	4558547	4633733	4591486	0.84	cps
Carbon	12-2	56709	55982	56284	56325	0.65	cps
Chlorine	35-1	126029	126390	127062	126494	0.41	cps
Chlorine	35-2	1008	1033	1042	1028	1.69	cps
Chromium	52-2	324396	320564	319494	321485	0.80	cps
Cobalt	59-2	568724	554340	550474	557846	1.72	cps
Copper	63-2	4441770	4326778	4249717	4339422	2.23	cps
Dysprosium	156-1	50	67	67	61	15.75	cps
Dysprosium	156-2	23	13	43	27	57.29	cps
Erbium	164-1	33	33	75	47	50.95	cps
Erbium	164-2	27	40	20	29	35.25	cps
Gadolinium	160-1	75	92	58	75	22.23	cps
Gadolinium	160-2	87	90	97	91	5.59	cps
Holmium	165-1	6437470	6340592	6444307	6407457	0.91	cps
Holmium	165-2	3106758	3187775	3113057	3135863	1.44	cps
Indium	115-1	5623963	5533367	5638207	5598512	1.02	cps
Indium	115-2	1001150	1001200	991893	998081	0.54	cps
Iron	54-2	777220	758867	739472	758519	2.49	cps
Iron	56-2	14699368	14283955	13821405	14268243	3.08	cps
Iron	57-2	347788	343070	334894	341917	1.91	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:05:57	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1255	1310	1379	1314	4.72	cps
Lead	206-1	4343584	4267596	4153076	4254752	2.25	cps
Lead	207-1	3721337	3757882	3585077	3688099	2.47	cps
Lead	208-1	17095174	17081928	16615500	16930868	1.61	cps
Lithium	6-1	3158468	3328366	3255332	3247388	2.62	cps
Magnesium	24-2	2907653	2908030	2812866	2876183	1.91	cps
Manganese	55-2	2102009	2030140	1960410	2030853	3.49	cps
Molybdenum	94-1	4290551	4270830	4123012	4228131	2.17	cps
Molybdenum	95-1	6103277	6227812	6029635	6120241	1.64	cps
Molybdenum	96-1	6690864	6875224	6613298	6726462	2.00	cps
Molybdenum	97-1	3796547	3857849	3716870	3790422	1.86	cps
Molybdenum	98-1	9711048	9841862	9603691	9718867	1.23	cps
Neodymium	150-1	93	147	53	98	47.89	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	152673	149621	146048	149448	2.22	cps
Phosphorus	31-2	13215	12706	12539	12820	2.75	cps
Potassium	39-2	1181087	1157217	1136414	1158239	1.93	cps
Rhodium	103-1	5276594	5190844	5254943	5240794	0.85	cps
Rhodium	103-2	2545730	2490947	2436758	2491145	2.19	cps
Scandium	45-1	4168997	4045547	4117223	4110589	1.51	cps
Scandium	45-2	145228	146192	146004	145808	0.35	cps
Selenium	82-1	25929	25524	24765	25406	2.33	cps
Selenium	77-2	873	817	777	822	5.91	cps
Selenium	78-2	3062	2960	2854	2958	3.52	cps
Silicon	28-1	4338750	4342815	4279054	4320206	0.83	cps
Silver	107-1	1639613	1494152	1519320	1551028	5.01	cps
Silver	109-1	1456714	1447786	1439924	1448141	0.58	cps
Sodium	23-2	5384049	5413137	5324968	5374051	0.84	cps
Strontium	86-1	10657260	10407584	10153117	10405987	2.42	cps
Strontium	88-1	90418635	89312346	87136577	88955853	1.88	cps
Sulfur	34-1	386796	377136	366307	376746	2.72	cps
Terbium	159-1	6706982	6771878	6740726	6739862	0.48	cps
Terbium	159-2	3123406	3178662	3034371	3112146	2.34	cps
Thallium	203-1	995394	962119	949576	969029	2.44	cps
Thallium	205-1	2482199	2394480	2349215	2408631	2.81	cps
Tin	118-1	986540	961321	972968	973610	1.30	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:05:57	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2009805	2016500	1959761	1995355	1.55	cps
Uranium	238-1	3312108	3292241	3328458	3310935	0.55	cps
Vanadium	51-2	271414	264929	258821	265055	2.38	cps
Ytterbium	172-1	75	25	33	44	60.28	cps
Ytterbium	172-2	6	28	33	22	66.13	cps
Ytterbium	176-1	5318	5076	4868	5087	4.43	cps
Ytterbium	176-2	6741	6757	6424	6641	2.83	cps
Yttrium	89-1	11085979	10957002	11107344	11050109	0.74	cps
Yttrium	89-2	1448323	1441988	1425166	1438492	0.83	cps
Zinc	66-2	551295	543206	539795	544766	1.08	cps
Zirconium	90-1	2268230	2236760	2182644	2229211	1.94	cps
Zirconium	91-1	482238	482288	479014	481180	0.39	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:09:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	456210	447115	444625	449317	1.36	cps
Antimony	121-1	2190885	2122882	2118736	2144168	1.89	cps
Arsenic	75-2	68011	66954	66473	67146	1.17	cps
Barium	135-1	2971046	2904733	2791421	2889067	3.14	cps
Barium	137-1	4998864	4909682	4713317	4873955	3.00	cps
Beryllium	9-1	907338	920321	896158	907939	1.33	cps
Bismuth	209-1	3852653	3983778	3942988	3926473	1.71	cps
Bismuth	209-2	2165716	2138468	2167477	2157220	0.75	cps
Boron	10-1	137778	147176	150277	145077	4.49	cps
Boron	11-1	601739	637505	638578	625941	3.35	cps
Bromine	81-1	31919	31278	31217	31471	1.24	cps
Cadmium	111-1	613151	613957	603058	610055	1.00	cps
Cadmium	106-1	70229	70079	70933	70414	0.65	cps
Cadmium	108-1	47390	47060	44551	46333	3.35	cps
Calcium	43-1	1005044	1010298	982626	999323	1.47	cps
Calcium	44-1	15327402	15196180	14940533	15154705	1.30	cps
Carbon	12-1	4597519	4649847	4680700	4642688	0.91	cps
Carbon	12-2	56618	57722	58525	57622	1.66	cps
Chlorine	35-1	124541	124675	124314	124510	0.15	cps
Chlorine	35-2	983	1000	1067	1017	4.34	cps
Chromium	52-2	662610	654667	643495	653591	1.47	cps
Cobalt	59-2	1160950	1120535	1104198	1128561	2.59	cps
Copper	63-2	8715726	8530033	8479088	8574949	1.45	cps
Dysprosium	156-1	133	100	75	103	28.48	cps
Dysprosium	156-2	53	20	63	46	49.80	cps
Erbium	164-1	92	33	33	53	63.82	cps
Erbium	164-2	17	37	23	26	39.85	cps
Gadolinium	160-1	58	175	108	114	51.39	cps
Gadolinium	160-2	97	87	90	91	5.59	cps
Holmium	165-1	6449264	6551586	6398853	6466568	1.20	cps
Holmium	165-2	3172665	3120852	3110046	3134521	1.07	cps
Indium	115-1	5437445	5568159	5547926	5517843	1.28	cps
Indium	115-2	980270	985305	978050	981208	0.38	cps
Iron	54-2	1667990	1636019	1625959	1643322	1.34	cps
Iron	56-2	28945118	28615659	28439406	28666727	0.90	cps
Iron	57-2	701969	690664	689900	694178	0.97	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:09:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1271	1382	1256	1303	5.29	cps
Lead	206-1	8564045	8797713	8478478	8613412	1.92	cps
Lead	207-1	7513093	7756101	7408564	7559252	2.36	cps
Lead	208-1	34277620	35426120	34015646	34573129	2.17	cps
Lithium	6-1	3427943	3425501	3381858	3411768	0.76	cps
Magnesium	24-2	5892221	5831096	5701554	5808290	1.68	cps
Manganese	55-2	4088956	3968348	3941237	3999514	1.97	cps
Molybdenum	94-1	8611402	8617711	8445711	8558274	1.14	cps
Molybdenum	95-1	12809880	12402040	12129352	12447090	2.75	cps
Molybdenum	96-1	13628540	13528163	13284107	13480270	1.31	cps
Molybdenum	97-1	7660190	7532640	7419431	7537420	1.60	cps
Molybdenum	98-1	19935555	19573507	19572711	19693924	1.06	cps
Neodymium	150-1	167	173	193	178	7.81	cps
Neodymium	150-2	17	13	17	16	12.40	cps
Nickel	60-2	298336	295462	292046	295281	1.07	cps
Phosphorus	31-2	25314	25448	24530	25097	1.98	cps
Potassium	39-2	2430315	2360569	2371992	2387626	1.57	cps
Rhodium	103-1	5087362	5144957	5157742	5130021	0.73	cps
Rhodium	103-2	2432242	2409464	2496245	2445984	1.84	cps
Scandium	45-1	4053491	4073406	4063526	4063474	0.25	cps
Scandium	45-2	146259	146441	147855	146852	0.59	cps
Selenium	82-1	50562	50659	49254	50159	1.56	cps
Selenium	77-2	1690	1717	1800	1736	3.31	cps
Selenium	78-2	5897	5836	5828	5853	0.65	cps
Silicon	28-1	7995027	8164399	7795297	7984908	2.31	cps
Silver	107-1	3190159	3167154	3034288	3130534	2.69	cps
Silver	109-1	3086678	3087181	2914755	3029538	3.28	cps
Sodium	23-2	11184524	11020490	10876712	11027242	1.40	cps
Strontium	86-1	21307029	21251532	20997212	21185258	0.78	cps
Strontium	88-1	182764921	182117358	178745362	181209214	1.19	cps
Sulfur	34-1	534930	539324	523472	532575	1.54	cps
Terbium	159-1	6742376	6696501	6760092	6732990	0.49	cps
Terbium	159-2	3169757	3117931	3162531	3150073	0.89	cps
Thallium	203-1	2145900	2150920	2138101	2144974	0.30	cps
Thallium	205-1	4878680	4940315	4912956	4910650	0.63	cps
Tin	118-1	2110181	2013127	1992472	2038593	3.08	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:09:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3958649	3938246	3857199	3918032	1.37	cps
Uranium	238-1	6716685	6974169	6710923	6800592	2.21	cps
Vanadium	51-2	545211	538169	536511	539964	0.86	cps
Ytterbium	172-1	58	108	58	75	38.49	cps
Ytterbium	172-2	39	28	39	35	18.23	cps
Ytterbium	176-1	9537	9454	9512	9501	0.45	cps
Ytterbium	176-2	8486	8570	8597	8551	0.68	cps
Yttrium	89-1	11192672	11038744	11096654	11109356	0.70	cps
Yttrium	89-2	1377925	1384997	1460875	1407932	3.27	cps
Zinc	66-2	1107540	1087108	1058807	1084485	2.26	cps
Zirconium	90-1	4588818	4436398	4336083	4453766	2.86	cps
Zirconium	91-1	987601	983206	959759	976855	1.53	cps

LB Number : LB120533 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-06-02 16:12:11 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	958163	951213	929398	946258	1.59	cps
Antimony	121-1	4503332	4473965	4391465	4456254	1.30	cps
Arsenic	75-2	143056	142646	138945	141549	1.60	cps
Barium	135-1	6004309	5958617	6069104	6010677	0.92	cps
Barium	137-1	10320327	10534255	10302239	10385607	1.24	cps
Beryllium	9-1	1882347	1869434	1916795	1889525	1.30	cps
Bismuth	209-1	4008854	4009948	3945529	3988110	0.92	cps
Bismuth	209-2	2192863	2243594	2156683	2197713	1.99	cps
Boron	10-1	296447	307024	314753	306075	3.00	cps
Boron	11-1	1164465	1236781	1263059	1221435	4.18	cps
Bromine	81-1	32471	32462	31548	32160	1.65	cps
Cadmium	111-1	1247397	1286403	1244962	1259587	1.85	cps
Cadmium	106-1	140479	140537	142996	141338	1.02	cps
Cadmium	108-1	95187	96850	95478	95839	0.93	cps
Calcium	43-1	2173175	2237798	2189851	2200274	1.52	cps
Calcium	44-1	32047362	31970590	32530816	32182923	0.94	cps
Carbon	12-1	4964643	5024731	5102470	5030615	1.37	cps
Carbon	12-2	62274	62684	61488	62149	0.98	cps
Chlorine	35-1	124768	127391	128543	126901	1.52	cps
Chlorine	35-2	1067	933	1092	1031	8.26	cps
Chromium	52-2	1462539	1453136	1433004	1449559	1.04	cps
Cobalt	59-2	2525906	2524584	2463466	2504652	1.42	cps
Copper	63-2	18358299	18146769	17670192	18058420	1.95	cps
Dysprosium	156-1	175	217	267	219	20.91	cps
Dysprosium	156-2	67	83	87	79	13.58	cps
Erbium	164-1	83	108	58	83	30.00	cps
Erbium	164-2	30	17	33	27	33.06	cps
Gadolinium	160-1	167	133	125	142	15.56	cps
Gadolinium	160-2	80	83	113	92	19.91	cps
Holmium	165-1	6669791	6664599	6927885	6754092	2.23	cps
Holmium	165-2	3171427	3299768	3300950	3257382	2.29	cps
Indium	115-1	5616704	5827797	5756884	5733795	1.87	cps
Indium	115-2	1004992	1016439	1001446	1007626	0.78	cps
Iron	54-2	3431553	3444295	3381913	3419254	0.96	cps
Iron	56-2	60853632	60864639	59978406	60565559	0.84	cps
Iron	57-2	1588846	1532289	1573305	1564813	1.87	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:12:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1376	1357	1360	1364	0.75	cps
Lead	206-1	18408725	18039037	18129193	18192318	1.06	cps
Lead	207-1	15711570	15888070	15633273	15744305	0.83	cps
Lead	208-1	72927770	72982121	72355869	72755253	0.48	cps
Lithium	6-1	3490512	3449644	3499548	3479901	0.76	cps
Magnesium	24-2	12287461	12275977	12118508	12227315	0.77	cps
Manganese	55-2	8571032	8534316	8380926	8495425	1.19	cps
Molybdenum	94-1	17928439	18398750	18005893	18111027	1.39	cps
Molybdenum	95-1	25815133	26824237	26171902	26270424	1.95	cps
Molybdenum	96-1	28270617	28575295	28322943	28389619	0.57	cps
Molybdenum	97-1	15722364	16081789	15750614	15851589	1.26	cps
Molybdenum	98-1	41099782	41496626	40929495	41175301	0.71	cps
Neodymium	150-1	280	480	400	387	26.03	cps
Neodymium	150-2	23	47	23	31	43.32	cps
Nickel	60-2	622608	621070	601365	615014	1.93	cps
Phosphorus	31-2	55766	55842	53867	55158	2.03	cps
Potassium	39-2	5181820	5030322	5011477	5074539	1.84	cps
Rhodium	103-1	5245803	5259786	5264254	5256614	0.18	cps
Rhodium	103-2	2496180	2550071	2501448	2515900	1.18	cps
Scandium	45-1	4272643	4208462	4268475	4249860	0.85	cps
Scandium	45-2	155656	155689	154756	155367	0.34	cps
Selenium	82-1	104770	104749	104334	104618	0.23	cps
Selenium	77-2	3704	3727	3477	3636	3.80	cps
Selenium	78-2	12626	12425	12060	12370	2.32	cps
Silicon	28-1	15739834	15699121	15608738	15682564	0.43	cps
Silver	107-1	6260396	6378410	6328763	6322523	0.94	cps
Silver	109-1	6197297	6211088	6150869	6186418	0.51	cps
Sodium	23-2	23351220	23318530	23169605	23279785	0.42	cps
Strontium	86-1	44118537	44651289	44260706	44343511	0.62	cps
Strontium	88-1	373840342	387091250	387251092	382727561	2.01	cps
Sulfur	34-1	915574	913878	903027	910826	0.75	cps
Terbium	159-1	7056866	7174165	7082233	7104421	0.87	cps
Terbium	159-2	3245470	3275964	3268555	3263330	0.49	cps
Thallium	203-1	4420250	4538848	4493765	4484288	1.33	cps
Thallium	205-1	10069596	10237641	10514835	10274024	2.19	cps
Tin	118-1	4250687	4271119	4280103	4267303	0.35	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:12:11	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8235630	8123718	8386396	8248581	1.60	cps
Uranium	238-1	13897716	14543522	14239887	14227042	2.27	cps
Vanadium	51-2	1167877	1159929	1131221	1153009	1.67	cps
Ytterbium	172-1	75	150	58	94	51.70	cps
Ytterbium	172-2	44	56	78	59	28.64	cps
Ytterbium	176-1	18238	19398	19098	18911	3.18	cps
Ytterbium	176-2	13390	13157	12512	13020	3.50	cps
Yttrium	89-1	11419509	11542993	11790915	11584472	1.63	cps
Yttrium	89-2	1518101	1512115	1529603	1519940	0.58	cps
Zinc	66-2	2450031	2375689	2305436	2377052	3.04	cps
Zirconium	90-1	9195263	9424653	9399867	9339928	1.35	cps
Zirconium	91-1	2077822	2185327	2145632	2136260	2.54	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:15:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4795621	4547637	4436482	4593247	4.00	cps
Antimony	121-1	5059	4684	4751	4832	4.14	cps
Arsenic	75-2	71	85	78	78	8.97	cps
Barium	135-1	6102	4693	3751	4848	24.40	cps
Barium	137-1	10713	7978	6885	8525	23.13	cps
Beryllium	9-1	1208	866	700	925	28.01	cps
Bismuth	209-1	3518401	3556631	3593081	3556038	1.05	cps
Bismuth	209-2	1985338	2017413	2003092	2001947	0.80	cps
Boron	10-1	27270	25507	22771	25183	9.00	cps
Boron	11-1	116872	108034	100719	108542	7.45	cps
Bromine	81-1	30555	31017	31618	31063	1.72	cps
Cadmium	111-1	3468	3082	3242	3264	5.93	cps
Cadmium	106-1	3759	3592	4076	3809	6.45	cps
Cadmium	108-1	204	171	171	182	10.58	cps
Calcium	43-1	8924907	8735785	8227527	8629406	4.18	cps
Calcium	44-1	141440155	140473621	132318010	138077262	3.63	cps
Carbon	12-1	4450906	4595347	4555212	4533822	1.64	cps
Carbon	12-2	57296	59027	58366	58230	1.50	cps
Chlorine	35-1	127727	128500	126778	127668	0.68	cps
Chlorine	35-2	1175	958	1225	1120	12.66	cps
Chromium	52-2	9743	9270	9130	9381	3.43	cps
Cobalt	59-2	6605	6135	5881	6207	5.92	cps
Copper	63-2	7309	7112	6675	7032	4.61	cps
Dysprosium	156-1	575	608	392	525	22.22	cps
Dysprosium	156-2	197	210	157	188	14.78	cps
Erbium	164-1	125	42	83	83	50.00	cps
Erbium	164-2	40	33	50	41	20.41	cps
Gadolinium	160-1	450	242	408	367	30.07	cps
Gadolinium	160-2	287	250	207	248	16.16	cps
Holmium	165-1	6606429	6511667	6443077	6520391	1.26	cps
Holmium	165-2	3246237	3163355	3150093	3186562	1.64	cps
Indium	115-1	5423277	5333017	5450613	5402303	1.14	cps
Indium	115-2	999892	974779	981412	985361	1.32	cps
Iron	54-2	15120059	14630450	14284285	14678265	2.86	cps
Iron	56-2	277093117	267515178	258217295	267608530	3.53	cps
Iron	57-2	7065255	6871234	6555773	6830754	3.76	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:15:20	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1357	1310	1359	1342	2.07	cps
Lead	206-1	11461	8781	6741	8994	26.32	cps
Lead	207-1	10532	7269	5774	7858	30.97	cps
Lead	208-1	47463	34174	27095	36244	28.53	cps
Lithium	6-1	3281906	3398041	3330891	3336946	1.75	cps
Magnesium	24-2	57274785	55028751	53852714	55385417	3.14	cps
Manganese	55-2	5675	5158	5058	5297	6.25	cps
Molybdenum	94-1	14817	10930	9228	11658	24.57	cps
Molybdenum	95-1	19823	14475	10913	15070	29.76	cps
Molybdenum	96-1	32965	27353	23779	28032	16.52	cps
Molybdenum	97-1	11455	8303	6718	8825	27.32	cps
Molybdenum	98-1	30034	21142	17428	22868	28.33	cps
Neodymium	150-1	87	53	60	67	26.46	cps
Neodymium	150-2	43	23	33	33	30.00	cps
Nickel	60-2	3734	3504	3360	3533	5.33	cps
Phosphorus	31-2	283	167	208	219	26.94	cps
Potassium	39-2	24024893	23238538	22674875	23312768	2.91	cps
Rhodium	103-1	4841991	4907425	4921340	4890252	0.87	cps
Rhodium	103-2	2398917	2332844	2331628	2354463	1.64	cps
Scandium	45-1	4143243	4186189	4154667	4161367	0.53	cps
Scandium	45-2	151113	149348	152723	151061	1.12	cps
Selenium	82-1	238	273	265	258	7.13	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	74	60	68	67	10.43	cps
Silicon	28-1	507923	494922	485978	496274	2.22	cps
Silver	107-1	4943	3809	3217	3990	21.98	cps
Silver	109-1	4693	3567	3017	3759	22.72	cps
Sodium	23-2	107329311	106203013	104088798	105873707	1.55	cps
Strontium	86-1	36299	26610	21567	28158	26.59	cps
Strontium	88-1	290783	204934	162380	219366	29.82	cps
Sulfur	34-1	177873	181029	188809	182570	3.08	cps
Terbium	159-1	6807834	6819874	6958370	6862026	1.22	cps
Terbium	159-2	3227368	3172604	3210871	3203614	0.88	cps
Thallium	203-1	3692	2917	2434	3014	21.06	cps
Thallium	205-1	8870	6919	5877	7222	21.04	cps
Tin	118-1	7160	6510	5460	6377	13.46	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 16:15:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5760	3809	3075	4215	32.92	cps
Uranium	238-1	8036	5293	3884	5738	36.80	cps
Vanadium	51-2	553	563	433	517	14.00	cps
Ytterbium	172-1	158	142	92	131	26.57	cps
Ytterbium	172-2	89	106	50	81	34.99	cps
Ytterbium	176-1	1083	992	950	1008	6.77	cps
Ytterbium	176-2	4690	4779	5162	4877	5.15	cps
Yttrium	89-1	11208362	11127722	11257094	11197726	0.58	cps
Yttrium	89-2	1527131	1492810	1492421	1504121	1.32	cps
Zinc	66-2	5494	5334	5251	5360	2.31	cps
Zirconium	90-1	9795	7160	6710	7889	21.13	cps
Zirconium	91-1	2325	1558	1533	1806	24.93	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:08:32	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23808	23690	23348	23615	1.01	cps
Antimony	121-1	814703	826643	801242	814196	1.56	cps
Arsenic	75-2	29501	28816	27975	28764	2.66	cps
Barium	135-1	108509	109137	104862	107503	2.15	cps
Barium	137-1	190266	191435	189713	190471	0.46	cps
Beryllium	9-1	181294	180541	179415	180417	0.52	cps
Bismuth	209-1	4132493	4184482	3983113	4100029	2.55	cps
Bismuth	209-2	2297763	2245130	2217158	2253350	1.82	cps
Boron	10-1	147025	149395	146679	147700	1.00	cps
Boron	11-1	646651	646892	648035	647192	0.11	cps
Bromine	81-1	33084	33545	32240	32956	2.01	cps
Cadmium	111-1	133787	135367	131510	133555	1.45	cps
Cadmium	106-1	27670	26042	26510	26740	3.14	cps
Cadmium	108-1	15609	15596	14650	15285	3.60	cps
Calcium	43-1	39654	39661	39143	39486	0.75	cps
Calcium	44-1	610785	595922	599252	601986	1.30	cps
Carbon	12-1	4283422	4162977	4126178	4190859	1.96	cps
Carbon	12-2	49200	49041	46240	48160	3.46	cps
Chlorine	35-1	102285	103225	103460	102990	0.60	cps
Chlorine	35-2	967	875	1000	947	6.83	cps
Chromium	52-2	141818	137016	138491	139108	1.77	cps
Cobalt	59-2	243061	238768	238406	240078	1.08	cps
Copper	63-2	175291	171082	172563	172979	1.23	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	58	33	56	37.75	cps
Erbium	164-2	30	27	33	30	11.10	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	57	40	113	70	54.92	cps
Holmium	165-1	6616757	6711193	6665503	6664484	0.71	cps
Holmium	165-2	3143535	3241232	3175676	3186814	1.56	cps
Indium	115-1	5849216	5894594	5831620	5858476	0.55	cps
Indium	115-2	1040537	1040789	1032200	1037842	0.47	cps
Iron	54-2	131140	128193	124807	128047	2.48	cps
Iron	56-2	2419623	2375367	2346979	2380657	1.54	cps
Iron	57-2	58486	56027	55636	56716	2.72	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:08:32	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1390	1364	1347	1367	1.57	cps
Lead	206-1	695858	697859	682887	692201	1.17	cps
Lead	207-1	586963	570287	568844	575365	1.75	cps
Lead	208-1	2737242	2724594	2661034	2707624	1.51	cps
Lithium	6-1	3356307	3505484	3445795	3435862	2.19	cps
Magnesium	24-2	142794	141801	138453	141016	1.61	cps
Manganese	55-2	82510	79993	79500	80668	2.00	cps
Molybdenum	94-1	8685526	8973212	8706825	8788521	1.82	cps
Molybdenum	95-1	12966330	12972355	12724284	12887656	1.10	cps
Molybdenum	96-1	14133097	14098493	13975452	14069014	0.59	cps
Molybdenum	97-1	7896418	7928046	7752271	7858912	1.19	cps
Molybdenum	98-1	20760447	20357350	20169390	20429062	1.48	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	70186	66575	67262	68007	2.82	cps
Phosphorus	31-2	167	133	175	158	13.92	cps
Potassium	39-2	205273	202236	197515	201675	1.94	cps
Rhodium	103-1	5592397	5568948	5522582	5561309	0.64	cps
Rhodium	103-2	2652935	2645041	2594931	2630969	1.20	cps
Scandium	45-1	4290748	4313105	4407573	4337142	1.43	cps
Scandium	45-2	156704	156755	154662	156041	0.77	cps
Selenium	82-1	21590	21502	20867	21320	1.85	cps
Selenium	77-2	760	813	703	759	7.25	cps
Selenium	78-2	2622	2512	2492	2542	2.73	cps
Silicon	28-1	2215925	2212400	2235008	2221111	0.55	cps
Silver	107-1	302404	302848	297820	301024	0.92	cps
Silver	109-1	287235	290739	282898	286957	1.37	cps
Sodium	23-2	458941	452526	451389	454285	0.90	cps
Strontium	86-1	866464	863668	850641	860258	0.98	cps
Strontium	88-1	7496354	7531393	7402413	7476720	0.89	cps
Sulfur	34-1	204934	203431	199037	202467	1.51	cps
Terbium	159-1	7001236	6974780	7020238	6998751	0.33	cps
Terbium	159-2	3179301	3178407	3201893	3186534	0.42	cps
Thallium	203-1	834442	849021	805861	829775	2.65	cps
Thallium	205-1	2049860	2144717	2033183	2075920	2.90	cps
Tin	118-1	2079515	2095076	2076147	2083579	0.48	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:08:32	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3889591	3963543	3883679	3912271	1.14	cps
Uranium	238-1	6641968	6924127	6671544	6745880	2.30	cps
Vanadium	51-2	111071	110029	106580	109227	2.15	cps
Ytterbium	172-1	25	108	42	58	75.59	cps
Ytterbium	172-2	50	17	11	26	81.12	cps
Ytterbium	176-1	9287	9370	8995	9217	2.14	cps
Ytterbium	176-2	9409	8770	9481	9220	4.25	cps
Yttrium	89-1	11810142	12114921	11541101	11822055	2.43	cps
Yttrium	89-2	1516313	1509275	1512957	1512848	0.23	cps
Zinc	66-2	48774	47894	46714	47794	2.16	cps
Zirconium	90-1	4522934	4613271	4414827	4517011	2.20	cps
Zirconium	91-1	995150	1009606	973817	992858	1.81	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:37:01	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1069	1034	1020	1041	2.42	cps
Antimony	121-1	8495	8053	8261	8269	2.67	cps
Arsenic	75-2	145	148	170	154	8.84	cps
Barium	135-1	11397	10563	10880	10946	3.85	cps
Barium	137-1	19131	19640	18738	19170	2.36	cps
Beryllium	9-1	2072	2068	1922	2020	4.23	cps
Bismuth	209-1	3912108	4006743	4002326	3973725	1.34	cps
Bismuth	209-2	2292345	2256346	2204408	2251033	1.96	cps
Boron	10-1	7991	7811	8635	8145	5.32	cps
Boron	11-1	35107	36608	37464	36393	3.28	cps
Bromine	81-1	35292	35694	36455	35813	1.65	cps
Cadmium	111-1	4151	3940	3706	3932	5.66	cps
Cadmium	106-1	4109	4026	3742	3959	4.86	cps
Cadmium	108-1	221	225	246	231	5.81	cps
Calcium	43-1	9336	9287	8920	9181	2.47	cps
Calcium	44-1	150077	152437	144243	148919	2.83	cps
Carbon	12-1	4244418	4063015	3922414	4076616	3.96	cps
Carbon	12-2	46432	45454	44251	45379	2.41	cps
Chlorine	35-1	120584	118810	117996	119130	1.11	cps
Chlorine	35-2	1025	925	950	967	5.38	cps
Chromium	52-2	3647	3577	3230	3485	6.40	cps
Cobalt	59-2	2560	2194	2397	2384	7.71	cps
Copper	63-2	4157	3971	3981	4036	2.60	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	58	58	50	28.87	cps
Erbium	164-2	33	17	30	27	33.06	cps
Gadolinium	160-1	67	67	25	53	45.58	cps
Gadolinium	160-2	67	97	70	78	21.14	cps
Holmium	165-1	6664870	6791973	6623684	6693509	1.31	cps
Holmium	165-2	3308598	3226824	3339427	3291616	1.77	cps
Indium	115-1	5994156	6033207	5862854	5963406	1.50	cps
Indium	115-2	1100669	1085736	1103843	1096749	0.88	cps
Iron	54-2	3823	3767	3573	3721	3.53	cps
Iron	56-2	62537	61755	59022	61105	3.02	cps
Iron	57-2	1561	1556	1506	1541	1.99	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:37:01	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1410	1432	1516	1453	3.85	cps
Lead	206-1	3401	3423	3295	3373	2.02	cps
Lead	207-1	3073	3100	2778	2984	5.99	cps
Lead	208-1	14126	14103	13347	13859	3.20	cps
Lithium	6-1	3464804	3453317	3416049	3444723	0.74	cps
Magnesium	24-2	62560	60284	57070	59971	4.60	cps
Manganese	55-2	963	873	837	891	7.31	cps
Molybdenum	94-1	10262	10613	10804	10560	2.60	cps
Molybdenum	95-1	13549	13182	12831	13187	2.72	cps
Molybdenum	96-1	14625	14600	14450	14558	0.65	cps
Molybdenum	97-1	7661	8186	7836	7894	3.39	cps
Molybdenum	98-1	20799	20266	19840	20302	2.37	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	853	980	937	923	6.97	cps
Phosphorus	31-2	250	242	250	247	1.95	cps
Potassium	39-2	64009	62301	60837	62382	2.54	cps
Rhodium	103-1	5912358	5891837	5715288	5839828	1.86	cps
Rhodium	103-2	2797789	2696832	2740974	2745198	1.84	cps
Scandium	45-1	4369539	4428414	4321582	4373178	1.22	cps
Scandium	45-2	166371	162320	160885	163192	1.74	cps
Selenium	82-1	548	465	414	475	14.19	cps
Selenium	77-2	20	10	17	16	32.73	cps
Selenium	78-2	139	129	132	133	3.85	cps
Silicon	28-1	414524	410249	408071	410948	0.80	cps
Silver	107-1	6218	6543	5960	6240	4.69	cps
Silver	109-1	6193	5993	6160	6115	1.75	cps
Sodium	23-2	120882	115918	116211	117670	2.37	cps
Strontium	86-1	3767	4301	3809	3959	7.49	cps
Strontium	88-1	16118	14750	14366	15078	6.11	cps
Sulfur	34-1	231333	229444	234908	231895	1.20	cps
Terbium	159-1	7052931	7093367	7049015	7065104	0.35	cps
Terbium	159-2	3263591	3347589	3264686	3291956	1.46	cps
Thallium	203-1	3951	3942	4109	4001	2.35	cps
Thallium	205-1	8837	9270	8803	8970	2.90	cps
Tin	118-1	21518	21250	21916	21561	1.55	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:37:01	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4409	4468	3984	4287	6.16	cps
Uranium	238-1	12406	11906	11681	11998	3.10	cps
Vanadium	51-2	5881	5738	5574	5731	2.68	cps
Ytterbium	172-1	17	42	33	31	41.66	cps
Ytterbium	172-2	11	28	22	20	41.67	cps
Ytterbium	176-1	925	1000	842	922	8.59	cps
Ytterbium	176-2	5579	5412	5362	5451	2.08	cps
Yttrium	89-1	12125135	12129889	12025384	12093469	0.49	cps
Yttrium	89-2	1606579	1584389	1615274	1602081	0.99	cps
Zinc	66-2	870	757	787	804	7.30	cps
Zirconium	90-1	9170	8795	8736	8900	2.64	cps
Zirconium	91-1	2109	1950	1950	2003	4.56	cps

LB Number : LB120533 Operator : Jaswal
 Lab Sample ID : ICB45 Instrumnet Name : P8
 Client Sample ID : ICB45 Dilution Factor : 1
 Date & Time Acquired : 2022-06-02 17:40:15 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	104	95	106	11.94	cps
Antimony	121-1	25	67	75	56	48.22	cps
Arsenic	75-2	1	3	4	3	57.28	cps
Barium	135-1	33	17	50	33	50.00	cps
Barium	137-1	58	42	67	56	22.91	cps
Beryllium	9-1	46	54	20	40	44.43	cps
Bismuth	209-1	3828672	3847005	3914922	3863533	1.18	cps
Bismuth	209-2	2228907	2175750	2178216	2194291	1.37	cps
Boron	10-1	2008	1922	1974	1968	2.20	cps
Boron	11-1	9081	8661	8531	8758	3.28	cps
Bromine	81-1	37479	34328	36374	36060	4.43	cps
Cadmium	111-1	2565	2562	2505	2544	1.32	cps
Cadmium	106-1	3717	3692	3667	3692	0.68	cps
Cadmium	108-1	113	92	142	115	21.79	cps
Calcium	43-1	572	569	579	573	0.88	cps
Calcium	44-1	10907	10375	10689	10657	2.51	cps
Carbon	12-1	4603270	4683799	4665928	4650999	0.91	cps
Carbon	12-2	54502	55322	54886	54903	0.75	cps
Chlorine	35-1	139905	136960	137103	137990	1.20	cps
Chlorine	35-2	1350	1242	1025	1206	13.73	cps
Chromium	52-2	567	587	583	579	1.85	cps
Cobalt	59-2	47	37	40	41	12.39	cps
Copper	63-2	477	537	497	503	6.07	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	27	30	23	27	12.51	cps
Gadolinium	160-1	58	67	75	67	12.50	cps
Gadolinium	160-2	53	57	90	67	30.41	cps
Holmium	165-1	6425767	6452972	6529393	6469377	0.83	cps
Holmium	165-2	3204990	3124547	3180146	3169894	1.30	cps
Indium	115-1	5712306	5877522	5868480	5819436	1.60	cps
Indium	115-2	1063959	1069162	1079504	1070875	0.74	cps
Iron	54-2	644	533	567	582	9.81	cps
Iron	56-2	4506	4445	4573	4508	1.42	cps
Iron	57-2	228	244	211	228	7.32	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:40:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1461	1426	1365	1417	3.44	cps
Lead	206-1	556	483	567	535	8.45	cps
Lead	207-1	428	428	417	424	1.51	cps
Lead	208-1	2022	1972	2095	2030	3.03	cps
Lithium	6-1	3213024	3251983	3371070	3278692	2.51	cps
Magnesium	24-2	242	242	275	253	7.61	cps
Manganese	55-2	140	87	143	123	25.78	cps
Molybdenum	94-1	133	125	167	142	15.56	cps
Molybdenum	95-1	58	75	58	64	15.06	cps
Molybdenum	96-1	292	225	308	275	16.03	cps
Molybdenum	97-1	17	17	17	17	0.00	cps
Molybdenum	98-1	100	125	167	131	25.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	253	277	243	258	6.63	cps
Phosphorus	31-2	192	175	225	197	12.91	cps
Potassium	39-2	15634	15025	14800	15153	2.85	cps
Rhodium	103-1	5570061	5669537	5637035	5625544	0.90	cps
Rhodium	103-2	2664680	2700333	2680817	2681943	0.67	cps
Scandium	45-1	4242721	4305555	4249121	4265799	0.81	cps
Scandium	45-2	159344	158908	162360	160204	1.17	cps
Selenium	82-1	-64	96	21	18	446.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	73	84	69	75	10.31	cps
Silicon	28-1	399645	402819	411229	404564	1.48	cps
Silver	107-1	117	100	108	108	7.69	cps
Silver	109-1	50	42	58	50	16.66	cps
Sodium	23-2	8661	9328	8870	8953	3.81	cps
Strontium	86-1	2217	2175	2217	2203	1.09	cps
Strontium	88-1	375	425	317	372	14.57	cps
Sulfur	34-1	232959	234866	229927	232584	1.07	cps
Terbium	159-1	6801271	6806892	7014835	6874332	1.77	cps
Terbium	159-2	3183225	3163151	3232058	3192811	1.11	cps
Thallium	203-1	225	242	275	247	10.30	cps
Thallium	205-1	500	592	467	519	12.46	cps
Tin	118-1	717	633	575	642	11.10	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:40:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	183	217	217	15.38	cps
Uranium	238-1	50	42	67	53	24.12	cps
Vanadium	51-2	10	0	0	3	173.21	cps
Ytterbium	172-1	42	50	50	47	10.18	cps
Ytterbium	172-2	17	39	22	26	44.60	cps
Ytterbium	176-1	817	1050	958	942	12.48	cps
Ytterbium	176-2	4962	5001	5023	4995	0.62	cps
Yttrium	89-1	11552219	11628665	11480593	11553826	0.64	cps
Yttrium	89-2	1571492	1555140	1588594	1571742	1.06	cps
Zinc	66-2	473	410	437	440	7.23	cps
Zirconium	90-1	442	392	375	403	8.62	cps
Zirconium	91-1	67	67	67	67	0.00	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:43:23	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4632863	4455028	4470333	4519408	2.18	cps
Antimony	121-1	4784	4418	5134	4779	7.50	cps
Arsenic	75-2	56	61	51	56	8.93	cps
Barium	135-1	1625	1633	1708	1656	2.77	cps
Barium	137-1	2825	2900	2892	2873	1.43	cps
Beryllium	9-1	586	552	538	559	4.42	cps
Bismuth	209-1	3915939	3969100	4156064	4013701	3.14	cps
Bismuth	209-2	2155240	2223256	2331588	2236695	3.98	cps
Boron	10-1	1776	1726	1630	1710	4.34	cps
Boron	11-1	7629	7350	7066	7348	3.83	cps
Bromine	81-1	34187	34740	35071	34666	1.29	cps
Cadmium	111-1	2591	2978	2842	2804	7.01	cps
Cadmium	106-1	3309	3584	3492	3462	4.05	cps
Cadmium	108-1	929	829	742	833	11.26	cps
Calcium	43-1	1832980	1798716	1751104	1794267	2.29	cps
Calcium	44-1	29346519	28706910	28134568	28729333	2.11	cps
Carbon	12-1	20913190	21353587	20554908	20940562	1.91	cps
Carbon	12-2	239748	235464	232580	235931	1.53	cps
Chlorine	35-1	7991434	9259931	10253060	9168142	12.36	cps
Chlorine	35-2	101186	104274	109723	105061	4.11	cps
Chromium	52-2	28141	27309	26792	27414	2.48	cps
Cobalt	59-2	2654	2704	2690	2683	0.97	cps
Copper	63-2	12969	12345	12632	12649	2.47	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	50	0	42	31	87.67	cps
Erbium	164-2	33	33	43	37	15.75	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	100	70	47	72	37.02	cps
Holmium	165-1	6921808	6948397	6957043	6942416	0.26	cps
Holmium	165-2	3335936	3345873	3388746	3356852	0.84	cps
Indium	115-1	5942807	5960596	5841055	5914819	1.09	cps
Indium	115-2	1072052	1052058	1074579	1066230	1.16	cps
Iron	54-2	6213885	6345532	6166343	6241920	1.49	cps
Iron	56-2	116296208	111116830	112718358	113377132	2.34	cps
Iron	57-2	2991513	2858271	2919211	2922998	2.28	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:43:23	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1382	1305	1401	1363	3.74	cps
Lead	206-1	14981	15298	14959	15079	1.26	cps
Lead	207-1	12072	12056	12389	12173	1.54	cps
Lead	208-1	56036	58046	58257	57447	2.13	cps
Lithium	6-1	3662936	3602348	3642173	3635819	0.85	cps
Magnesium	24-2	11739659	11426591	11459011	11541753	1.49	cps
Manganese	55-2	5871	5908	5868	5882	0.38	cps
Molybdenum	94-1	2755408	2762927	2682590	2733642	1.62	cps
Molybdenum	95-1	4923256	4874102	4759942	4852433	1.73	cps
Molybdenum	96-1	5367029	5230526	5091155	5229570	2.64	cps
Molybdenum	97-1	3041188	3007368	2918328	2988961	2.12	cps
Molybdenum	98-1	7747786	7735067	7529579	7670811	1.60	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	3464	3537	3260	3420	4.19	cps
Phosphorus	31-2	259476	254904	256214	256865	0.92	cps
Potassium	39-2	9571296	9359857	9344787	9425313	1.34	cps
Rhodium	103-1	5421462	5386186	5429746	5412465	0.43	cps
Rhodium	103-2	2650607	2560608	2608145	2606454	1.73	cps
Scandium	45-1	4542067	4418913	4487108	4482696	1.38	cps
Scandium	45-2	160007	161589	163419	161671	1.06	cps
Selenium	82-1	-10	96	53	46	115.46	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	60	70	71	67	9.08	cps
Silicon	28-1	449387	437474	432757	439873	1.95	cps
Silver	107-1	125	250	192	189	33.11	cps
Silver	109-1	133	150	133	139	6.93	cps
Sodium	23-2	22513397	21962999	22201781	22226059	1.24	cps
Strontium	86-1	59736	59151	59210	59366	0.54	cps
Strontium	88-1	495463	503677	484708	494616	1.92	cps
Sulfur	34-1	2878855	2904085	2770171	2851037	2.50	cps
Terbium	159-1	7182270	7166712	7291355	7213446	0.94	cps
Terbium	159-2	3380236	3313610	3329195	3341014	1.04	cps
Thallium	203-1	683	767	792	747	7.59	cps
Thallium	205-1	1734	1825	2184	1914	12.43	cps
Tin	118-1	1942	1742	1725	1803	6.69	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:43:23	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1690230	1614563	1586687	1630493	3.29	cps
Uranium	238-1	242	292	350	294	18.41	cps
Vanadium	51-2	213	163	150	176	19.02	cps
Ytterbium	172-1	58	50	25	44	39.03	cps
Ytterbium	172-2	28	11	17	19	45.83	cps
Ytterbium	176-1	1175	817	1033	1008	17.90	cps
Ytterbium	176-2	4923	5040	5090	5018	1.71	cps
Yttrium	89-1	12059528	12042406	12049890	12050608	0.07	cps
Yttrium	89-2	1615735	1581624	1580782	1592714	1.25	cps
Zinc	66-2	2714	2624	2580	2639	2.58	cps
Zirconium	90-1	500	550	525	525	4.76	cps
Zirconium	91-1	150	117	142	136	12.74	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:46:21	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4706280	4638525	4520470	4621758	2.03	cps
Antimony	121-1	93318	92966	89427	91903	2.34	cps
Arsenic	75-2	2933	2873	2763	2856	3.02	cps
Barium	135-1	24723	25516	24155	24798	2.76	cps
Barium	137-1	44390	43822	43521	43911	1.01	cps
Beryllium	9-1	38693	39224	37550	38489	2.22	cps
Bismuth	209-1	4293325	4182058	4235532	4236972	1.31	cps
Bismuth	209-2	2074170	2280022	2340046	2231413	6.25	cps
Boron	10-1	13269	14154	13836	13753	3.26	cps
Boron	11-1	60396	62546	62506	61816	1.99	cps
Bromine	81-1	35592	34599	39426	36539	6.98	cps
Cadmium	111-1	29017	28282	27762	28353	2.22	cps
Cadmium	106-1	7869	6660	7085	7205	8.51	cps
Cadmium	108-1	2825	2917	2863	2868	1.61	cps
Calcium	43-1	1977698	1897055	1952549	1942434	2.12	cps
Calcium	44-1	31373428	30132793	30313585	30606602	2.19	cps
Carbon	12-1	21991616	22364768	21911998	22089461	1.09	cps
Carbon	12-2	250700	246312	238208	245073	2.59	cps
Chlorine	35-1	12713452	14058668	15132337	13968152	8.68	cps
Chlorine	35-2	136346	141116	139704	139056	1.76	cps
Chromium	52-2	56588	54095	53429	54704	3.04	cps
Cobalt	59-2	49981	49041	47967	48996	2.06	cps
Copper	63-2	45931	46158	44784	45624	1.61	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	13	17	13	14	13.35	cps
Erbium	164-1	100	75	125	100	25.00	cps
Erbium	164-2	30	17	30	26	30.11	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	73	77	80	77	4.35	cps
Holmium	165-1	7374925	7473884	7262618	7370476	1.43	cps
Holmium	165-2	3152346	3426631	3435682	3338220	4.82	cps
Indium	115-1	6298724	6196141	6308192	6267685	0.99	cps
Indium	115-2	994705	1088845	1099458	1061003	5.43	cps
Iron	54-2	6576425	6446140	6131622	6384729	3.58	cps
Iron	56-2	119384133	115244422	114224328	116284294	2.35	cps
Iron	57-2	3121424	2949998	2924185	2998535	3.58	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:46:21	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1447	1440	1462	1450	0.79	cps
Lead	206-1	82176	82719	79873	81589	1.85	cps
Lead	207-1	67581	68810	67939	68110	0.93	cps
Lead	208-1	320425	318552	310814	316597	1.61	cps
Lithium	6-1	3878971	3802535	3908654	3863387	1.42	cps
Magnesium	24-2	12286131	11943116	11587185	11938811	2.93	cps
Manganese	55-2	22061	21807	20945	21604	2.71	cps
Molybdenum	94-1	3188203	3164388	3119416	3157336	1.11	cps
Molybdenum	95-1	5426696	5268780	5182314	5292597	2.34	cps
Molybdenum	96-1	5728764	5640619	5513593	5627659	1.92	cps
Molybdenum	97-1	3240315	3235513	3120112	3198647	2.13	cps
Molybdenum	98-1	8331761	8377488	8224908	8311386	0.94	cps
Neodymium	150-1	33	33	20	29	26.64	cps
Neodymium	150-2	13	23	7	14	58.06	cps
Nickel	60-2	16036	16036	15742	15938	1.06	cps
Phosphorus	31-2	269479	265262	252830	262524	3.30	cps
Potassium	39-2	9902773	9913104	9487444	9767774	2.49	cps
Rhodium	103-1	5787602	5642820	5759189	5729870	1.34	cps
Rhodium	103-2	2469996	2693244	2671943	2611728	4.72	cps
Scandium	45-1	4813569	4730259	4821597	4788475	1.06	cps
Scandium	45-2	154779	168151	168724	163885	4.81	cps
Selenium	82-1	2141	2239	2110	2163	3.10	cps
Selenium	77-2	50	57	63	57	11.76	cps
Selenium	78-2	283	315	288	295	5.83	cps
Silicon	28-1	724987	719151	708237	717458	1.19	cps
Silver	107-1	120711	117601	115272	117861	2.32	cps
Silver	109-1	116709	117735	113567	116004	1.87	cps
Sodium	23-2	23396856	23374710	22348591	23040052	2.60	cps
Strontium	86-1	157160	157955	158088	157734	0.32	cps
Strontium	88-1	1345772	1342169	1296732	1328224	2.06	cps
Sulfur	34-1	3065358	2996583	2908944	2990295	2.62	cps
Terbium	159-1	7835873	7640949	7699227	7725349	1.30	cps
Terbium	159-2	3089007	3337461	3461716	3296061	5.76	cps
Thallium	203-1	83359	84147	81397	82968	1.71	cps
Thallium	205-1	197910	197938	190016	195288	2.34	cps
Tin	118-1	217755	216029	209538	214441	2.02	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:46:21	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1785485	1767392	1739716	1764198	1.31	cps
Uranium	238-1	735794	722444	688257	715498	3.43	cps
Vanadium	51-2	22348	22020	22164	22177	0.74	cps
Ytterbium	172-1	58	8	42	36	70.51	cps
Ytterbium	172-2	39	28	28	31	20.37	cps
Ytterbium	176-1	2075	1859	2134	2022	7.17	cps
Ytterbium	176-2	5473	5735	5807	5672	3.09	cps
Yttrium	89-1	12977551	12879181	12787358	12881363	0.74	cps
Yttrium	89-2	1504325	1635343	1656937	1598868	5.17	cps
Zinc	66-2	7259	7332	7269	7286	0.55	cps
Zirconium	90-1	500811	493362	488263	494146	1.28	cps
Zirconium	91-1	111529	108673	107875	109359	1.76	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:53:52	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2656749	2563279	2522556	2580861	2.67	cps
Antimony	121-1	2354222	2344894	2339715	2346277	0.31	cps
Arsenic	75-2	71701	71185	69076	70654	1.97	cps
Barium	135-1	3103566	3124452	3095727	3107915	0.48	cps
Barium	137-1	5374153	5238648	5315130	5309310	1.28	cps
Beryllium	9-1	956410	953818	963037	957755	0.50	cps
Bismuth	209-1	4084960	4091723	4097899	4091527	0.16	cps
Bismuth	209-2	2212046	2211908	2165529	2196494	1.22	cps
Boron	10-1	150789	159532	163574	157965	4.14	cps
Boron	11-1	659711	705367	715032	693370	4.26	cps
Bromine	81-1	33795	34840	35341	34659	2.28	cps
Cadmium	111-1	655235	650350	641770	649118	1.05	cps
Cadmium	106-1	75524	76311	73539	75125	1.90	cps
Cadmium	108-1	48865	48531	48623	48673	0.36	cps
Calcium	43-1	5024399	4970963	4974455	4989939	0.60	cps
Calcium	44-1	79530504	78570844	78327332	78809560	0.81	cps
Carbon	12-1	5033662	5040861	5093376	5055967	0.64	cps
Carbon	12-2	63437	62667	61889	62665	1.24	cps
Chlorine	35-1	1362806	1330140	1270640	1321195	3.54	cps
Chlorine	35-2	10104	10346	10062	10170	1.51	cps
Chromium	52-2	722821	710297	683886	705668	2.82	cps
Cobalt	59-2	1309980	1292856	1259676	1287504	1.99	cps
Copper	63-2	9635293	9200695	9174232	9336740	2.77	cps
Dysprosium	156-1	342	333	300	325	6.78	cps
Dysprosium	156-2	170	77	137	128	37.01	cps
Erbium	164-1	100	58	42	67	45.07	cps
Erbium	164-2	27	40	30	32	21.53	cps
Gadolinium	160-1	317	308	208	278	21.70	cps
Gadolinium	160-2	190	167	230	196	16.38	cps
Holmium	165-1	7210109	7088993	7157818	7152307	0.85	cps
Holmium	165-2	3425301	3401270	3390353	3405641	0.53	cps
Indium	115-1	6219660	6135219	6009945	6121608	1.72	cps
Indium	115-2	1076686	1058203	1059689	1064859	0.96	cps
Iron	54-2	8393931	8422520	8117623	8311358	2.03	cps
Iron	56-2	155128065	153343448	148731970	152401161	2.17	cps
Iron	57-2	3926487	3938662	3772275	3879141	2.39	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:53:52	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1479	1440	1495	1471	1.92	cps
Lead	206-1	9054929	8805145	8687049	8849041	2.12	cps
Lead	207-1	7772448	7740559	7459158	7657388	2.25	cps
Lead	208-1	36066267	35539412	34338472	35314717	2.51	cps
Lithium	6-1	3639471	3702374	3647609	3663151	0.93	cps
Magnesium	24-2	31385323	31214927	31072782	31224344	0.50	cps
Manganese	55-2	4299917	4366272	4283976	4316721	1.01	cps
Molybdenum	94-1	9426159	9331963	9293571	9350565	0.73	cps
Molybdenum	95-1	13662985	13654285	13380131	13565800	1.19	cps
Molybdenum	96-1	14887138	14879281	14753550	14839990	0.51	cps
Molybdenum	97-1	8174438	8234876	8148925	8186080	0.54	cps
Molybdenum	98-1	21507643	21516009	21313039	21445564	0.54	cps
Neodymium	150-1	200	267	193	220	18.43	cps
Neodymium	150-2	33	27	20	27	24.99	cps
Nickel	60-2	316199	314826	311048	314025	0.85	cps
Phosphorus	31-2	28453	28520	28078	28350	0.84	cps
Potassium	39-2	13317331	13101592	12772953	13063959	2.10	cps
Rhodium	103-1	5604309	5577763	5466750	5549607	1.31	cps
Rhodium	103-2	2645724	2644236	2601564	2630508	0.95	cps
Scandium	45-1	4763535	4734133	4623918	4707195	1.56	cps
Scandium	45-2	165798	165546	165764	165703	0.08	cps
Selenium	82-1	55960	56116	55577	55884	0.50	cps
Selenium	77-2	1887	1907	1943	1912	1.50	cps
Selenium	78-2	6550	6529	6394	6491	1.30	cps
Silicon	28-1	10129196	10030864	10127389	10095816	0.56	cps
Silver	107-1	3304484	3280002	3234370	3272952	1.09	cps
Silver	109-1	3140155	3149677	3146826	3145552	0.16	cps
Sodium	23-2	61004024	59934697	59090514	60009745	1.60	cps
Strontium	86-1	23567030	23596160	22726098	23296429	2.12	cps
Strontium	88-1	196908225	200509613	195354713	197590850	1.34	cps
Sulfur	34-1	577492	574041	576850	576127	0.32	cps
Terbium	159-1	7515563	7646044	7503052	7554886	1.05	cps
Terbium	159-2	3392517	3395784	3353009	3380437	0.70	cps
Thallium	203-1	2237596	2173536	2177049	2196060	1.64	cps
Thallium	205-1	5217605	5014039	5059274	5096973	2.10	cps
Tin	118-1	2186538	2138723	2127182	2150814	1.46	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:53:52	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4452824	4336388	4196800	4328671	2.96	cps
Uranium	238-1	7015437	7000134	7235001	7083524	1.86	cps
Vanadium	51-2	599318	589994	578941	589418	1.73	cps
Ytterbium	172-1	67	183	100	117	51.51	cps
Ytterbium	172-2	44	56	39	46	18.33	cps
Ytterbium	176-1	10304	10254	10296	10285	0.26	cps
Ytterbium	176-2	9337	9320	9526	9394	1.22	cps
Yttrium	89-1	12756585	12621834	12504535	12627651	1.00	cps
Yttrium	89-2	1614736	1607187	1634187	1618703	0.86	cps
Zinc	66-2	1300956	1284596	1259816	1281790	1.62	cps
Zirconium	90-1	4856693	4924304	4783920	4854972	1.45	cps
Zirconium	91-1	1078104	1077884	1061314	1072434	0.90	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:58:56	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212	234	177	208	13.66	cps
Antimony	121-1	367	475	667	503	30.22	cps
Arsenic	75-2	3	3	8	5	61.86	cps
Barium	135-1	167	100	192	153	31.02	cps
Barium	137-1	317	333	150	267	38.02	cps
Beryllium	9-1	130	136	98	121	16.84	cps
Bismuth	209-1	4313789	4359484	4353992	4342422	0.57	cps
Bismuth	209-2	2336943	2398204	2332353	2355833	1.56	cps
Boron	10-1	9247	8919	8217	8794	5.99	cps
Boron	11-1	39904	38804	36921	38543	3.91	cps
Bromine	81-1	35934	35662	35723	35773	0.40	cps
Cadmium	111-1	2645	2760	2395	2600	7.18	cps
Cadmium	106-1	3651	3834	3359	3614	6.63	cps
Cadmium	108-1	33	33	63	43	39.12	cps
Calcium	43-1	696	614	511	607	15.27	cps
Calcium	44-1	12877	11137	10954	11656	9.10	cps
Carbon	12-1	4980635	5070446	5098257	5049779	1.22	cps
Carbon	12-2	60559	60232	62592	61128	2.09	cps
Chlorine	35-1	867119	834267	834986	845457	2.22	cps
Chlorine	35-2	7135	6193	6510	6613	7.25	cps
Chromium	52-2	860	697	710	756	12.00	cps
Cobalt	59-2	63	67	90	73	19.81	cps
Copper	63-2	910	957	857	908	5.51	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	30	23	33	29	17.63	cps
Gadolinium	160-1	67	17	8	31	103.26	cps
Gadolinium	160-2	80	80	50	70	24.74	cps
Holmium	165-1	6885632	6962035	6976216	6941294	0.70	cps
Holmium	165-2	3323393	3306972	3331392	3320586	0.37	cps
Indium	115-1	6166695	6422952	6342526	6310724	2.08	cps
Indium	115-2	1096575	1099460	1086785	1094273	0.61	cps
Iron	54-2	778	833	1011	874	13.94	cps
Iron	56-2	11238	11088	10532	10953	3.40	cps
Iron	57-2	372	356	222	317	25.96	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:58:56	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1399	1455	1436	1430	2.00	cps
Lead	206-1	1183	1139	922	1082	12.92	cps
Lead	207-1	995	945	900	946	4.99	cps
Lead	208-1	4684	4245	3828	4252	10.06	cps
Lithium	6-1	3672628	3801294	3768418	3747447	1.78	cps
Magnesium	24-2	1183	975	875	1011	15.56	cps
Manganese	55-2	187	190	170	182	5.88	cps
Molybdenum	94-1	717	467	492	558	24.66	cps
Molybdenum	95-1	883	708	650	747	16.25	cps
Molybdenum	96-1	1183	783	717	895	28.22	cps
Molybdenum	97-1	517	342	317	392	27.82	cps
Molybdenum	98-1	1375	858	858	1031	28.95	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	253	250	280	261	6.30	cps
Phosphorus	31-2	267	217	250	244	10.42	cps
Potassium	39-2	15592	15567	15892	15684	1.15	cps
Rhodium	103-1	5843125	5792805	5991347	5875759	1.76	cps
Rhodium	103-2	2804544	2756674	2792257	2784492	0.89	cps
Scandium	45-1	4569688	4710316	4595329	4625111	1.62	cps
Scandium	45-2	164816	165704	166602	165707	0.54	cps
Selenium	82-1	56	1	-44	5	1092.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	77	63	70	10.08	cps
Silicon	28-1	395906	399788	398636	398110	0.50	cps
Silver	107-1	242	325	275	281	14.95	cps
Silver	109-1	292	175	158	208	34.87	cps
Sodium	23-2	18195	17853	17244	17764	2.71	cps
Strontium	86-1	3542	2892	3000	3145	11.08	cps
Strontium	88-1	10046	6810	5568	7475	30.93	cps
Sulfur	34-1	192820	193875	194653	193783	0.47	cps
Terbium	159-1	7279061	7409162	7545898	7411374	1.80	cps
Terbium	159-2	3238062	3361020	3341950	3313677	2.00	cps
Thallium	203-1	1033	725	950	903	17.67	cps
Thallium	205-1	2025	2067	2050	2047	1.02	cps
Tin	118-1	1075	958	908	981	8.72	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 17:58:56	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	358	400	317	358	11.63	cps
Uranium	238-1	367	300	267	311	16.37	cps
Vanadium	51-2	10	23	13	16	44.60	cps
Ytterbium	172-1	83	42	75	67	33.07	cps
Ytterbium	172-2	6	22	6	11	86.55	cps
Ytterbium	176-1	892	1042	975	970	7.75	cps
Ytterbium	176-2	5457	5184	5207	5283	2.86	cps
Yttrium	89-1	12431756	12240281	12335541	12335860	0.78	cps
Yttrium	89-2	1629772	1614921	1625011	1623235	0.47	cps
Zinc	66-2	393	393	447	411	7.49	cps
Zirconium	90-1	708	800	667	725	9.41	cps
Zirconium	91-1	158	183	92	144	32.81	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:02:28	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1205	1139	1169	1171	2.83	cps
Antimony	121-1	8320	8745	8678	8581	2.66	cps
Arsenic	75-2	159	191	170	173	9.38	cps
Barium	135-1	11405	11722	10396	11174	6.20	cps
Barium	137-1	19823	19665	19681	19723	0.44	cps
Beryllium	9-1	2236	2134	1936	2102	7.26	cps
Bismuth	209-1	4316290	4339431	4236509	4297410	1.26	cps
Bismuth	209-2	2345557	2312028	2355156	2337580	0.97	cps
Boron	10-1	11646	11985	12275	11969	2.63	cps
Boron	11-1	50910	53665	52961	52512	2.73	cps
Bromine	81-1	35903	34368	37388	35886	4.21	cps
Cadmium	111-1	4277	3704	3997	3993	7.18	cps
Cadmium	106-1	4126	3509	3876	3837	8.09	cps
Cadmium	108-1	117	146	142	135	11.71	cps
Calcium	43-1	10122	9973	9407	9834	3.84	cps
Calcium	44-1	161254	162143	155230	159542	2.36	cps
Carbon	12-1	4359298	4275678	4156893	4263956	2.39	cps
Carbon	12-2	47260	47260	46357	46959	1.11	cps
Chlorine	35-1	588190	584401	577574	583388	0.92	cps
Chlorine	35-2	4276	4643	4809	4576	5.96	cps
Chromium	52-2	3791	3757	3624	3724	2.37	cps
Cobalt	59-2	2557	2480	2364	2467	3.95	cps
Copper	63-2	4527	4407	4154	4363	4.37	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	100	17	17	44	108.24	cps
Erbium	164-2	27	43	27	32	29.85	cps
Gadolinium	160-1	42	58	33	44	28.64	cps
Gadolinium	160-2	63	87	43	64	33.66	cps
Holmium	165-1	7015955	7217435	7169756	7134382	1.48	cps
Holmium	165-2	3306363	3283679	3332592	3307545	0.74	cps
Indium	115-1	6473814	6309368	6355095	6379425	1.33	cps
Indium	115-2	1112516	1107620	1104929	1108355	0.35	cps
Iron	54-2	4251	3734	3895	3960	6.68	cps
Iron	56-2	69608	65221	63520	66116	4.75	cps
Iron	57-2	1761	1706	1656	1708	3.09	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:02:28	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1510	1464	1464	1479	1.81	cps
Lead	206-1	3834	4184	4073	4030	4.44	cps
Lead	207-1	3728	3662	3795	3728	1.79	cps
Lead	208-1	16449	16655	15965	16356	2.16	cps
Lithium	6-1	3818999	3784151	3851552	3818234	0.88	cps
Magnesium	24-2	67933	65289	63029	65417	3.75	cps
Manganese	55-2	993	920	960	958	3.83	cps
Molybdenum	94-1	11305	11330	10930	11188	2.00	cps
Molybdenum	95-1	13707	13599	13924	13743	1.21	cps
Molybdenum	96-1	15359	15501	14274	15045	4.46	cps
Molybdenum	97-1	7836	8311	8019	8055	2.98	cps
Molybdenum	98-1	22185	21450	20866	21500	3.07	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	990	1023	913	976	5.78	cps
Phosphorus	31-2	200	267	208	225	16.14	cps
Potassium	39-2	64963	64310	65189	64821	0.70	cps
Rhodium	103-1	6037046	6096387	6166835	6100089	1.07	cps
Rhodium	103-2	2835682	2864667	2813191	2837846	0.91	cps
Scandium	45-1	4689965	4745795	4740518	4725426	0.65	cps
Scandium	45-2	169137	167457	169714	168769	0.69	cps
Selenium	82-1	510	560	603	558	8.31	cps
Selenium	77-2	30	13	27	23	37.81	cps
Selenium	78-2	148	140	136	141	4.33	cps
Silicon	28-1	406230	401323	406110	404555	0.69	cps
Silver	107-1	7369	6802	6518	6896	6.28	cps
Silver	109-1	6802	6602	6243	6549	4.32	cps
Sodium	23-2	137965	127984	129330	131760	4.11	cps
Strontium	86-1	4384	4367	4292	4348	1.12	cps
Strontium	88-1	18746	18780	17737	18421	3.22	cps
Sulfur	34-1	204857	203556	200007	202807	1.24	cps
Terbium	159-1	7388055	7533931	7582689	7501559	1.35	cps
Terbium	159-2	3394835	3281256	3407280	3361124	2.07	cps
Thallium	203-1	4876	4876	4934	4896	0.69	cps
Thallium	205-1	10563	11405	10646	10872	4.27	cps
Tin	118-1	22135	21284	21259	21559	2.31	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:02:28	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4517	4909	4743	4723	4.16	cps
Uranium	238-1	13132	12790	13341	13088	2.12	cps
Vanadium	51-2	6011	5685	5861	5852	2.80	cps
Ytterbium	172-1	75	58	33	56	37.75	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	1058	825	1067	983	13.95	cps
Ytterbium	176-2	4918	5407	5351	5225	5.12	cps
Yttrium	89-1	12723790	12908687	13057944	12896807	1.30	cps
Yttrium	89-2	1637608	1642197	1609907	1629904	1.07	cps
Zinc	66-2	870	913	857	880	3.37	cps
Zirconium	90-1	9920	9420	9470	9604	2.87	cps
Zirconium	91-1	1934	2092	2225	2084	7.01	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BL	Instrumnet Name :	P8
Client Sample ID :	PB144624BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:05:37	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122	117	125	122	3.14	cps
Antimony	121-1	92	125	242	153	51.55	cps
Arsenic	75-2	0	10	2	4	132.29	cps
Barium	135-1	58	83	25	56	52.68	cps
Barium	137-1	83	108	33	75	50.92	cps
Beryllium	9-1	94	66	84	81	17.44	cps
Bismuth	209-1	4365836	4354090	4391908	4370611	0.44	cps
Bismuth	209-2	1974904	2351403	2311633	2212647	9.35	cps
Boron	10-1	4800	4632	4482	4638	3.43	cps
Boron	11-1	21079	19753	20252	20361	3.29	cps
Bromine	81-1	37148	36446	34639	36077	3.59	cps
Cadmium	111-1	2622	2578	2637	2613	1.17	cps
Cadmium	106-1	3742	3642	3776	3720	1.87	cps
Cadmium	108-1	50	54	50	51	4.68	cps
Calcium	43-1	337	301	372	337	10.57	cps
Calcium	44-1	7484	7205	7321	7336	1.91	cps
Carbon	12-1	4266413	4132531	4061575	4153506	2.50	cps
Carbon	12-2	45262	45446	45630	45446	0.40	cps
Chlorine	35-1	450446	447809	454892	451049	0.79	cps
Chlorine	35-2	3809	3559	3492	3620	4.61	cps
Chromium	52-2	867	780	820	822	5.28	cps
Cobalt	59-2	73	60	70	68	10.24	cps
Copper	63-2	553	713	567	611	14.53	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	50	108	64	61.65	cps
Erbium	164-2	33	27	17	26	32.81	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	57	40	87	61	38.70	cps
Holmium	165-1	7133543	7040210	7231073	7134942	1.34	cps
Holmium	165-2	2813891	3332186	3309540	3151872	9.29	cps
Indium	115-1	6472415	6296141	6420080	6396212	1.42	cps
Indium	115-2	922894	1113397	1109464	1048585	10.38	cps
Iron	54-2	689	744	561	665	14.14	cps
Iron	56-2	6385	5962	6162	6170	3.42	cps
Iron	57-2	239	272	167	226	23.88	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BL	Instrumnet Name :	P8
Client Sample ID :	PB144624BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:05:37	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1404	1449	1501	1451	3.36	cps
Lead	206-1	739	694	739	724	3.54	cps
Lead	207-1	683	639	600	641	6.51	cps
Lead	208-1	3145	2745	2822	2904	7.30	cps
Lithium	6-1	3761855	3695770	3759080	3738902	1.00	cps
Magnesium	24-2	450	433	608	497	19.43	cps
Manganese	55-2	143	137	163	148	9.39	cps
Molybdenum	94-1	158	192	217	189	15.49	cps
Molybdenum	95-1	175	167	225	189	16.70	cps
Molybdenum	96-1	350	333	317	333	5.00	cps
Molybdenum	97-1	75	142	125	114	30.46	cps
Molybdenum	98-1	383	267	333	328	17.86	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	263	250	290	268	7.61	cps
Phosphorus	31-2	250	192	208	217	13.87	cps
Potassium	39-2	14925	15726	15066	15239	2.80	cps
Rhodium	103-1	6087709	6097020	5960881	6048537	1.26	cps
Rhodium	103-2	2429739	2782736	2834894	2682457	8.22	cps
Scandium	45-1	4584873	4666724	4727059	4659552	1.53	cps
Scandium	45-2	139170	169154	167576	158633	10.64	cps
Selenium	82-1	63	-48	-130	-38	-251.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	63	65	70	66	5.46	cps
Silicon	28-1	349400	352778	354692	352290	0.76	cps
Silver	107-1	200	200	225	208	6.93	cps
Silver	109-1	150	117	133	133	12.50	cps
Sodium	23-2	14032	15008	14474	14505	3.37	cps
Strontium	86-1	2625	2742	2750	2706	2.58	cps
Strontium	88-1	2267	2017	2184	2156	5.91	cps
Sulfur	34-1	208769	207808	206995	207857	0.43	cps
Terbium	159-1	7543360	7593406	7485300	7540688	0.72	cps
Terbium	159-2	2848327	3371878	3338611	3186272	9.20	cps
Thallium	203-1	708	667	825	733	11.19	cps
Thallium	205-1	1517	1717	1583	1606	6.34	cps
Tin	118-1	1258	1217	1150	1208	4.52	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BL	Instrumnet Name :	P8
Client Sample ID :	PB144624BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:05:37	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	233	158	178	27.47	cps
Uranium	238-1	83	67	100	83	20.00	cps
Vanadium	51-2	20	17	23	20	16.65	cps
Ytterbium	172-1	75	50	50	58	24.74	cps
Ytterbium	172-2	0	11	28	13	107.86	cps
Ytterbium	176-1	925	1142	958	1008	11.57	cps
Ytterbium	176-2	4323	5284	5379	4995	11.70	cps
Yttrium	89-1	12889691	12515077	12622674	12675814	1.52	cps
Yttrium	89-2	1307892	1604503	1621301	1511232	11.67	cps
Zinc	66-2	327	330	343	333	2.65	cps
Zirconium	90-1	458	550	442	483	12.07	cps
Zirconium	91-1	133	92	108	111	18.88	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BS	Instrumnet Name :	P8
Client Sample ID :	PB144624BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:08:43	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	487066	476771	463123	475653	2.53	cps
Antimony	121-1	2285880	2299864	2313987	2299910	0.61	cps
Arsenic	75-2	73597	71512	70053	71721	2.48	cps
Barium	135-1	3117073	3142108	3024418	3094533	2.00	cps
Barium	137-1	5341055	5364864	5223149	5309689	1.43	cps
Beryllium	9-1	991460	972525	978409	980798	0.99	cps
Bismuth	209-1	4232874	4344962	4302726	4293521	1.32	cps
Bismuth	209-2	2311411	2283689	2273798	2289633	0.85	cps
Boron	10-1	109861	117798	120112	115924	4.64	cps
Boron	11-1	495600	507340	537774	513572	4.24	cps
Bromine	81-1	34027	35582	36907	35505	4.06	cps
Cadmium	111-1	662832	654910	651873	656539	0.86	cps
Cadmium	106-1	73999	73672	73589	73753	0.29	cps
Cadmium	108-1	49660	51437	49861	50319	1.93	cps
Calcium	43-1	1104823	1103570	1090146	1099513	0.74	cps
Calcium	44-1	17044441	17179540	16361524	16861835	2.60	cps
Carbon	12-1	4848494	4886074	4842979	4859182	0.48	cps
Carbon	12-2	58325	57003	56367	57232	1.75	cps
Chlorine	35-1	387628	376352	363706	375895	3.18	cps
Chlorine	35-2	2717	2809	2775	2767	1.68	cps
Chromium	52-2	712897	682150	683369	692805	2.51	cps
Cobalt	59-2	1219227	1180234	1181647	1193703	1.85	cps
Copper	63-2	9499451	9206151	8911548	9205717	3.19	cps
Dysprosium	156-1	83	100	92	92	9.09	cps
Dysprosium	156-2	40	30	53	41	28.47	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	30	40	20	30	33.33	cps
Gadolinium	160-1	125	142	108	125	13.33	cps
Gadolinium	160-2	117	100	80	99	18.57	cps
Holmium	165-1	7569369	7291667	7322507	7394514	2.06	cps
Holmium	165-2	3372232	3449111	3452492	3424612	1.33	cps
Indium	115-1	6274677	6266709	6175538	6238975	0.88	cps
Indium	115-2	1087715	1078550	1091807	1086024	0.63	cps
Iron	54-2	1767259	1731214	1709437	1735970	1.68	cps
Iron	56-2	31290922	29843438	30140776	30425045	2.51	cps
Iron	57-2	736803	727636	729041	731160	0.68	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BS	Instrumnet Name :	P8
Client Sample ID :	PB144624BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:08:43	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1376	1377	1445	1399	2.81	cps
Lead	206-1	8892460	8915630	8986472	8931521	0.55	cps
Lead	207-1	7819761	7640412	7798835	7753003	1.26	cps
Lead	208-1	35790819	35498387	35930023	35739743	0.62	cps
Lithium	6-1	3939328	3806406	3895195	3880310	1.74	cps
Magnesium	24-2	6582054	6381108	6204222	6389128	2.96	cps
Manganese	55-2	4496753	4198963	4243657	4313124	3.72	cps
Molybdenum	94-1	9477185	9142376	9008530	9209363	2.62	cps
Molybdenum	95-1	13829230	13437807	13331364	13532800	1.94	cps
Molybdenum	96-1	14793824	14689770	14663542	14715712	0.47	cps
Molybdenum	97-1	8165635	8105742	8129894	8133757	0.37	cps
Molybdenum	98-1	21498238	21306736	21059371	21288115	1.03	cps
Neodymium	150-1	193	147	213	184	18.55	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	323245	310521	309845	314537	2.40	cps
Phosphorus	31-2	29096	27543	27852	28164	2.92	cps
Potassium	39-2	2655037	2598275	2596827	2616713	1.27	cps
Rhodium	103-1	5901712	5892983	5861302	5885333	0.36	cps
Rhodium	103-2	2705986	2690356	2768051	2721465	1.51	cps
Scandium	45-1	4797205	4751830	4627693	4725576	1.86	cps
Scandium	45-2	169653	165788	170004	168482	1.39	cps
Selenium	82-1	55657	56298	55149	55701	1.03	cps
Selenium	77-2	1943	1733	1830	1836	5.73	cps
Selenium	78-2	6525	6208	6147	6293	3.23	cps
Silicon	28-1	2889851	3044054	3114705	3016203	3.81	cps
Silver	107-1	3398521	3451210	3317390	3389041	1.99	cps
Silver	109-1	3230357	3260539	3256109	3249002	0.50	cps
Sodium	23-2	12277998	12179963	11753158	12070373	2.31	cps
Strontium	86-1	22914700	23316193	22375620	22868837	2.06	cps
Strontium	88-1	197068563	198494617	195454629	197005936	0.77	cps
Sulfur	34-1	580511	583237	584697	582815	0.36	cps
Terbium	159-1	7775129	7699843	7371682	7615551	2.82	cps
Terbium	159-2	3339377	3457610	3335691	3377560	2.05	cps
Thallium	203-1	2173242	2258432	2200559	2210744	1.97	cps
Thallium	205-1	5123093	5024826	5045671	5064530	1.02	cps
Tin	118-1	2159679	2245672	2164778	2190043	2.20	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	PB144624BS	Instrumnet Name :	P8
Client Sample ID :	PB144624BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:08:43	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4408169	4388990	4168258	4321806	3.08	cps
Uranium	238-1	7034331	7077694	6878744	6996923	1.50	cps
Vanadium	51-2	587296	573221	564670	575062	1.99	cps
Ytterbium	172-1	33	75	17	42	72.11	cps
Ytterbium	172-2	39	17	39	31	40.75	cps
Ytterbium	176-1	9721	10221	9587	9843	3.40	cps
Ytterbium	176-2	9092	9604	9109	9268	3.14	cps
Yttrium	89-1	12727934	12717770	12463204	12636303	1.19	cps
Yttrium	89-2	1648054	1608062	1643678	1633265	1.34	cps
Zinc	66-2	1178947	1165015	1131597	1158520	2.10	cps
Zirconium	90-1	4845084	4742267	4723959	4770437	1.37	cps
Zirconium	91-1	1058644	1049796	1031006	1046482	1.35	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2022-06-02 18:16:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1367345	1332028	1348129	1349167	1.31	cps
Antimony	121-1	382882	378760	369898	377180	1.76	cps
Arsenic	75-2	77445	76674	74863	76327	1.74	cps
Barium	135-1	1993233	1966370	1902534	1954046	2.38	cps
Barium	137-1	3357743	3398066	3274877	3343562	1.88	cps
Beryllium	9-1	293868	290181	287809	290619	1.05	cps
Bismuth	209-1	4599629	4484882	4586123	4556878	1.38	cps
Bismuth	209-2	2433781	2484011	2457162	2458318	1.02	cps
Boron	10-1	216545	216129	226402	219692	2.65	cps
Boron	11-1	875070	923302	919746	906039	2.97	cps
Bromine	81-1	40350	37871	38051	38757	3.57	cps
Cadmium	111-1	838391	830914	815839	828381	1.39	cps
Cadmium	106-1	80519	79581	77602	79234	1.88	cps
Cadmium	108-1	55084	55327	54294	54902	0.98	cps
Calcium	43-1	591694	581243	568844	580594	1.97	cps
Calcium	44-1	9471777	9126003	9106951	9234910	2.22	cps
Carbon	12-1	5564131	5683120	5458459	5568570	2.02	cps
Carbon	12-2	61462	62148	61680	61764	0.57	cps
Chlorine	35-1	32509778	35010768	36844320	34788289	6.25	cps
Chlorine	35-2	346647	345495	355296	349146	1.53	cps
Chromium	52-2	552781	543370	542084	546079	1.07	cps
Cobalt	59-2	1476589	1312792	1313284	1367555	6.90	cps
Copper	63-2	381416	373716	373414	376182	1.21	cps
Dysprosium	156-1	46080	44525	44458	45021	2.04	cps
Dysprosium	156-2	17568	16998	17108	17225	1.76	cps
Erbium	164-1	28205	27170	26711	27362	2.80	cps
Erbium	164-2	11118	10991	10204	10771	4.60	cps
Gadolinium	160-1	35732	36484	34888	35701	2.24	cps
Gadolinium	160-2	16414	15930	15970	16104	1.67	cps
Holmium	165-1	7555749	7541388	7505664	7534267	0.34	cps
Holmium	165-2	3531513	3456740	3490783	3493012	1.07	cps
Indium	115-1	6426886	6568744	6683641	6559757	1.96	cps
Indium	115-2	1142468	1147234	1157041	1148914	0.65	cps
Iron	54-2	3426863	3449065	3287180	3387703	2.59	cps
Iron	56-2	62206938	61060042	60186954	61151311	1.66	cps
Iron	57-2	1621619	1529693	1550625	1567312	3.07	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2022-06-02 18:16:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1567	1511	1546	1542	1.84	cps
Lead	206-1	1121969	1155369	1104559	1127299	2.29	cps
Lead	207-1	981778	979319	956566	972554	1.43	cps
Lead	208-1	4812190	4756706	4680381	4749759	1.39	cps
Lithium	6-1	4618932	4587788	4491404	4566042	1.46	cps
Magnesium	24-2	4266146	4210607	4248261	4241671	0.67	cps
Manganese	55-2	1752931	1747363	1692943	1731079	1.91	cps
Molybdenum	94-1	662612	649991	633350	648651	2.26	cps
Molybdenum	95-1	1117669	1106402	1065890	1096653	2.48	cps
Molybdenum	96-1	1189552	1200514	1127442	1172503	3.36	cps
Molybdenum	97-1	679351	689693	652202	673749	2.87	cps
Molybdenum	98-1	1828882	1837029	1751684	1805865	2.61	cps
Neodymium	150-1	84370	86088	83203	84554	1.72	cps
Neodymium	150-2	28273	27178	27248	27566	2.22	cps
Nickel	60-2	119296	116167	115538	117000	1.72	cps
Phosphorus	31-2	6277	5259	5643	5726	8.97	cps
Potassium	39-2	4107851	4076348	4047200	4077133	0.74	cps
Rhodium	103-1	6195299	6273586	6139775	6202887	1.08	cps
Rhodium	103-2	2877129	2864527	2927957	2889871	1.16	cps
Scandium	45-1	4953523	4981986	5011529	4982346	0.58	cps
Scandium	45-2	179099	180607	180394	180033	0.45	cps
Selenium	82-1	68131	69379	66960	68157	1.77	cps
Selenium	77-2	2367	2334	2557	2419	4.98	cps
Selenium	78-2	7979	7924	7904	7936	0.49	cps
Silicon	28-1	18110013	18349187	17967462	18142221	1.06	cps
Silver	107-1	727377	732311	711519	723736	1.50	cps
Silver	109-1	715070	715440	681128	703880	2.80	cps
Sodium	23-2	595677	587504	601569	594917	1.19	cps
Strontium	86-1	1204439	1211445	1143285	1186390	3.16	cps
Strontium	88-1	10442225	10487782	10174749	10368252	1.63	cps
Sulfur	34-1	200708	196511	199340	198853	1.08	cps
Terbium	159-1	8199229	8071722	7927932	8066294	1.68	cps
Terbium	159-2	3614018	3495111	3534327	3547819	1.71	cps
Thallium	203-1	527210	514495	514395	518700	1.42	cps
Thallium	205-1	1228727	1257950	1211390	1232689	1.91	cps
Tin	118-1	1569812	1620320	1544434	1578189	2.45	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired :	2022-06-02 18:16:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	616326	613318	604840	611495	0.97	cps
Uranium	238-1	2350657	2236655	2211140	2266151	3.28	cps
Vanadium	51-2	380661	368442	358018	369040	3.07	cps
Ytterbium	172-1	6310	6352	6018	6227	2.92	cps
Ytterbium	172-2	2845	2695	2884	2808	3.55	cps
Ytterbium	176-1	5385	5101	4993	5160	3.92	cps
Ytterbium	176-2	7369	7241	7902	7504	4.68	cps
Yttrium	89-1	13701450	14005259	13531486	13746065	1.75	cps
Yttrium	89-2	1745839	1753063	1790137	1763013	1.35	cps
Zinc	66-2	313407	310536	306149	310031	1.18	cps
Zirconium	90-1	78237	80147	77174	78519	1.92	cps
Zirconium	91-1	18054	17954	17236	17748	2.51	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2022-06-02 18:23:18	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	648005	629766	614208	630660	2.68	cps
Antimony	121-1	186022	187659	179386	184356	2.38	cps
Arsenic	75-2	37852	36835	36570	37086	1.83	cps
Barium	135-1	905173	900482	890658	898771	0.82	cps
Barium	137-1	1695138	1654661	1604079	1651292	2.76	cps
Beryllium	9-1	143328	144169	139031	142176	1.94	cps
Bismuth	209-1	4409714	4430255	4384227	4408065	0.52	cps
Bismuth	209-2	2391708	2369210	2408877	2389932	0.83	cps
Boron	10-1	112618	117298	120077	116665	3.23	cps
Boron	11-1	500555	530842	527086	519494	3.18	cps
Bromine	81-1	36104	38172	38061	37446	3.11	cps
Cadmium	111-1	417710	417415	396935	410687	2.90	cps
Cadmium	106-1	42399	41898	40594	41630	2.24	cps
Cadmium	108-1	27845	27102	26309	27085	2.84	cps
Calcium	43-1	290179	287770	279408	285786	1.98	cps
Calcium	44-1	4722576	4664489	4601310	4662792	1.30	cps
Carbon	12-1	4741186	4594834	4596209	4644077	1.81	cps
Carbon	12-2	53138	51550	52444	52377	1.52	cps
Chlorine	35-1	17952193	19603203	20222515	19259304	6.09	cps
Chlorine	35-2	180980	184421	184322	183241	1.07	cps
Chromium	52-2	276327	267233	260085	267882	3.04	cps
Cobalt	59-2	668197	664447	644508	659051	1.93	cps
Copper	63-2	193131	186869	183419	187806	2.62	cps
Dysprosium	156-1	22010	21894	21435	21779	1.40	cps
Dysprosium	156-2	8713	8279	8016	8336	4.22	cps
Erbium	164-1	13174	13107	13007	13096	0.64	cps
Erbium	164-2	5354	5118	5231	5234	2.26	cps
Gadolinium	160-1	16611	17629	17262	17167	3.00	cps
Gadolinium	160-2	8173	7916	7549	7879	3.98	cps
Holmium	165-1	7494540	7395817	7404535	7431631	0.74	cps
Holmium	165-2	3524752	3527209	3529906	3527289	0.07	cps
Indium	115-1	6562619	6655710	6610204	6609511	0.70	cps
Indium	115-2	1163015	1180856	1163642	1169171	0.87	cps
Iron	54-2	1715584	1667774	1671649	1685002	1.58	cps
Iron	56-2	30526899	29370589	28521481	29472990	3.42	cps
Iron	57-2	728987	699981	689681	706216	2.89	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2022-06-02 18:23:18	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1499	1572	1505	1525	2.68	cps
Lead	206-1	560382	555638	540417	552146	1.89	cps
Lead	207-1	482892	474160	461606	472886	2.26	cps
Lead	208-1	2223235	2208219	2156577	2196010	1.59	cps
Lithium	6-1	4093368	4226634	3991662	4103888	2.87	cps
Magnesium	24-2	2149955	2101004	2061468	2104142	2.11	cps
Manganese	55-2	803947	797117	764197	788420	2.70	cps
Molybdenum	94-1	324363	321396	312507	319422	1.93	cps
Molybdenum	95-1	567189	547806	531079	548691	3.29	cps
Molybdenum	96-1	584832	583009	580024	582621	0.42	cps
Molybdenum	97-1	337381	336053	329555	334330	1.25	cps
Molybdenum	98-1	865673	857815	831772	851753	2.08	cps
Neodymium	150-1	43504	41779	41484	42256	2.58	cps
Neodymium	150-2	13704	13167	13077	13316	2.55	cps
Nickel	60-2	58908	57114	55796	57273	2.73	cps
Phosphorus	31-2	2909	3042	2717	2889	5.66	cps
Potassium	39-2	2012489	2050491	1992381	2018454	1.46	cps
Rhodium	103-1	6146433	6039203	6161889	6115842	1.09	cps
Rhodium	103-2	2917158	2913832	2919800	2916930	0.10	cps
Scandium	45-1	4949958	5070797	4976947	4999234	1.27	cps
Scandium	45-2	178379	181210	175740	178443	1.53	cps
Selenium	82-1	34805	33783	32932	33840	2.77	cps
Selenium	77-2	1307	1193	1070	1190	9.95	cps
Selenium	78-2	3964	3850	3821	3878	1.95	cps
Silicon	28-1	9353903	9233132	8851876	9146304	2.86	cps
Silver	107-1	373141	371827	353300	366089	3.03	cps
Silver	109-1	359655	356024	340784	352154	2.84	cps
Sodium	23-2	301237	294382	288826	294815	2.11	cps
Strontium	86-1	594059	595307	571391	586919	2.29	cps
Strontium	88-1	5215681	5224178	5008339	5149399	2.37	cps
Sulfur	34-1	195428	194324	195641	195131	0.36	cps
Terbium	159-1	7891775	7697976	7737758	7775836	1.32	cps
Terbium	159-2	3514655	3594511	3533743	3547636	1.18	cps
Thallium	203-1	257862	257572	244918	253451	2.92	cps
Thallium	205-1	607238	617087	582756	602360	2.93	cps
Tin	118-1	766641	753961	723107	747903	2.99	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL2X10	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired :	2022-06-02 18:23:18	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308415	312220	297685	306107	2.46	cps
Uranium	238-1	1031439	1032341	970730	1011503	3.49	cps
Vanadium	51-2	185081	182313	176150	181182	2.52	cps
Ytterbium	172-1	2950	3184	3200	3112	4.49	cps
Ytterbium	172-2	1522	1317	1178	1339	12.94	cps
Ytterbium	176-1	3142	2975	3150	3089	3.20	cps
Ytterbium	176-2	6157	6124	7024	6435	7.93	cps
Yttrium	89-1	13251986	13552572	13398052	13400870	1.12	cps
Yttrium	89-2	1750913	1786550	1711278	1749580	2.15	cps
Zinc	66-2	154392	154308	151231	153310	1.18	cps
Zirconium	90-1	39749	38713	38120	38861	2.12	cps
Zirconium	91-1	8670	8795	8078	8514	4.50	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:29:18	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7855071	7573558	7285187	7571272	3.76	cps
Antimony	121-1	2267539	2192584	2202794	2220972	1.83	cps
Arsenic	75-2	446583	437048	428494	437375	2.07	cps
Barium	135-1	10720596	10607037	10723826	10683820	0.62	cps
Barium	137-1	18662957	18409895	18551838	18541563	0.68	cps
Beryllium	9-1	1626014	1623937	1607740	1619231	0.62	cps
Bismuth	209-1	5584227	5465611	5434731	5494856	1.44	cps
Bismuth	209-2	2686583	2710355	2653006	2683315	1.07	cps
Boron	10-1	1112354	1143168	1140817	1132113	1.52	cps
Boron	11-1	4773632	5051021	5125344	4983332	3.72	cps
Bromine	81-1	46384	46184	49268	47279	3.65	cps
Cadmium	111-1	4724113	4577894	4667745	4656584	1.58	cps
Cadmium	106-1	405532	406234	410748	407505	0.69	cps
Cadmium	108-1	298232	297268	291965	295822	1.14	cps
Calcium	43-1	3430867	3325670	3375349	3377295	1.56	cps
Calcium	44-1	54332977	53332221	53076688	53580629	1.24	cps
Carbon	12-1	17956054	18593675	18573967	18374565	1.97	cps
Carbon	12-2	211449	202938	200716	205034	2.76	cps
Chlorine	35-1	218004147	228566030	244988964	230519713	5.90	cps
Chlorine	35-2	2204223	2202032	2197920	2201392	0.15	cps
Chromium	52-2	3444909	3244373	3153755	3281012	4.54	cps
Cobalt	59-2	8069088	7944490	7678082	7897220	2.53	cps
Copper	63-2	2311229	2326242	2244477	2293983	1.90	cps
Dysprosium	156-1	251945	252540	251788	252091	0.16	cps
Dysprosium	156-2	95452	94912	92351	94238	1.76	cps
Erbium	164-1	154282	154675	150135	153031	1.64	cps
Erbium	164-2	60116	60397	58542	59685	1.67	cps
Gadolinium	160-1	203528	201847	201600	202325	0.52	cps
Gadolinium	160-2	89884	87583	85788	87752	2.34	cps
Holmium	165-1	8511111	8632716	8559098	8567642	0.71	cps
Holmium	165-2	3734128	3773750	3692234	3733371	1.09	cps
Indium	115-1	7293824	7205944	7230968	7243579	0.63	cps
Indium	115-2	1190173	1194299	1165452	1183308	1.32	cps
Iron	54-2	19337282	18420670	18059074	18605675	3.54	cps
Iron	56-2	347420619	334299341	326833807	336184589	3.10	cps
Iron	57-2	8802821	8510296	8352930	8555349	2.67	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:29:18	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1752	1965	1902	1873	5.83	cps
Lead	206-1	6900823	6736228	6709123	6782058	1.53	cps
Lead	207-1	5948178	5849308	5687408	5828298	2.26	cps
Lead	208-1	27536389	26697870	26346573	26860278	2.28	cps
Lithium	6-1	8190471	7935842	7917323	8014545	1.90	cps
Magnesium	24-2	25185921	24909027	23665579	24586842	3.29	cps
Manganese	55-2	9762827	9156771	9055580	9325060	4.10	cps
Molybdenum	94-1	3791932	3751708	3684434	3742691	1.45	cps
Molybdenum	95-1	6572160	6343534	6236286	6383993	2.69	cps
Molybdenum	96-1	6960615	6697993	6697798	6785469	2.24	cps
Molybdenum	97-1	3913757	3857705	3787167	3852876	1.65	cps
Molybdenum	98-1	10367586	10021733	9830280	10073199	2.70	cps
Neodymium	150-1	481570	482171	467041	476927	1.80	cps
Neodymium	150-2	152026	149856	143333	148405	3.05	cps
Nickel	60-2	648819	639633	623813	637422	1.98	cps
Phosphorus	31-2	33197	32612	31234	32348	3.11	cps
Potassium	39-2	23648048	22982030	22999923	23210001	1.63	cps
Rhodium	103-1	6511820	6703140	6716456	6643805	1.72	cps
Rhodium	103-2	2948348	2959514	2956101	2954654	0.19	cps
Scandium	45-1	6346230	6190823	6163736	6233596	1.58	cps
Scandium	45-2	207636	210312	210726	209558	0.80	cps
Selenium	82-1	397101	393118	389382	393200	0.98	cps
Selenium	77-2	14131	14651	13780	14187	3.09	cps
Selenium	78-2	46077	45612	44102	45264	2.28	cps
Silicon	28-1	102117871	106160236	101841313	103373140	2.34	cps
Silver	107-1	4105439	4061211	4196452	4121034	1.67	cps
Silver	109-1	4125123	4091983	4051491	4089532	0.90	cps
Sodium	23-2	3555269	3455260	3465555	3492028	1.58	cps
Strontium	86-1	6923691	6996197	6621660	6847183	2.90	cps
Strontium	88-1	58494558	57876347	56318147	57563017	1.95	cps
Sulfur	34-1	267580	269769	268972	268774	0.41	cps
Terbium	159-1	9157766	8986686	9098745	9081066	0.96	cps
Terbium	159-2	3798219	3704057	3589584	3697287	2.83	cps
Thallium	203-1	3138215	3206763	3187436	3177471	1.11	cps
Thallium	205-1	7233758	7102844	7065426	7134009	1.24	cps
Tin	118-1	8625312	8691362	8478390	8598354	1.27	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:29:18	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3628549	3480010	3526865	3545141	2.14	cps
Uranium	238-1	12554005	12132011	12225078	12303698	1.80	cps
Vanadium	51-2	2288924	2281001	2142268	2237398	3.69	cps
Ytterbium	172-1	35206	35239	32917	34454	3.86	cps
Ytterbium	172-2	15165	15381	15120	15222	0.92	cps
Ytterbium	176-1	23680	23839	22603	23374	2.88	cps
Ytterbium	176-2	16399	16322	15020	15914	4.87	cps
Yttrium	89-1	17536055	17258084	16967910	17254016	1.65	cps
Yttrium	89-2	2112085	2120247	2066413	2099582	1.38	cps
Zinc	66-2	1893654	1879924	1755342	1842973	4.13	cps
Zirconium	90-1	439427	436174	435131	436911	0.51	cps
Zirconium	91-1	100631	98942	99438	99670	0.87	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:40:35	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2757481	2600170	2611655	2656435	3.30	cps
Antimony	121-1	2358755	2389237	2373316	2373769	0.64	cps
Arsenic	75-2	80875	78915	77829	79207	1.95	cps
Barium	135-1	3094968	3205561	3126606	3142378	1.81	cps
Barium	137-1	5296447	5426808	5328005	5350420	1.27	cps
Beryllium	9-1	1145706	1160026	1158332	1154688	0.68	cps
Bismuth	209-1	4095300	4115470	4305287	4172019	2.78	cps
Bismuth	209-2	2176140	2196510	2246823	2206491	1.65	cps
Boron	10-1	182646	188049	189891	186862	2.02	cps
Boron	11-1	771765	817143	842170	810359	4.40	cps
Bromine	81-1	33856	34328	34017	34067	0.70	cps
Cadmium	111-1	647445	644185	649949	647193	0.45	cps
Cadmium	106-1	74493	75322	72608	74141	1.88	cps
Cadmium	108-1	48991	49576	49300	49289	0.59	cps
Calcium	43-1	4955321	5061998	4952304	4989874	1.25	cps
Calcium	44-1	78479445	79291344	77777275	78516021	0.97	cps
Carbon	12-1	4942388	4990844	5132665	5021965	1.97	cps
Carbon	12-2	61948	61412	61496	61619	0.47	cps
Chlorine	35-1	2887300	2873036	2792252	2850863	1.80	cps
Chlorine	35-2	21667	21784	20548	21333	3.20	cps
Chromium	52-2	757777	745289	718066	740378	2.74	cps
Cobalt	59-2	1312136	1299374	1251194	1287568	2.50	cps
Copper	63-2	9343210	9472884	9152600	9322898	1.73	cps
Dysprosium	156-1	325	308	333	322	3.95	cps
Dysprosium	156-2	90	120	123	111	16.52	cps
Erbium	164-1	150	92	67	103	41.61	cps
Erbium	164-2	7	47	60	38	73.46	cps
Gadolinium	160-1	217	208	242	222	7.81	cps
Gadolinium	160-2	197	170	230	199	15.11	cps
Holmium	165-1	7432173	7455923	7366732	7418276	0.62	cps
Holmium	165-2	3487070	3477816	3512173	3492353	0.51	cps
Indium	115-1	6190617	6255933	6363795	6270115	1.39	cps
Indium	115-2	1079727	1086894	1097402	1088008	0.82	cps
Iron	54-2	8554359	8698508	8289161	8514009	2.44	cps
Iron	56-2	155673481	153490037	148320337	152494618	2.48	cps
Iron	57-2	3980210	3960818	3750949	3897325	3.26	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:40:35	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1569	1402	1477	1483	5.61	cps
Lead	206-1	8800873	8724069	9153651	8892864	2.58	cps
Lead	207-1	7619389	7568932	7769697	7652673	1.36	cps
Lead	208-1	35097861	35170219	36107369	35458483	1.59	cps
Lithium	6-1	3886671	3980102	3989649	3952141	1.44	cps
Magnesium	24-2	33436349	31536831	31304957	32092712	3.64	cps
Manganese	55-2	4421062	4407206	4207731	4345333	2.75	cps
Molybdenum	94-1	9564403	9476277	9513952	9518210	0.46	cps
Molybdenum	95-1	13996441	13900841	13622563	13839949	1.40	cps
Molybdenum	96-1	15095797	14830405	14682901	14869701	1.41	cps
Molybdenum	97-1	8455723	8268616	8171734	8298691	1.74	cps
Molybdenum	98-1	21902115	21854097	21459204	21738472	1.12	cps
Neodymium	150-1	273	220	233	242	11.46	cps
Neodymium	150-2	37	17	37	30	38.49	cps
Nickel	60-2	318057	318635	304757	313816	2.50	cps
Phosphorus	31-2	29238	29063	27660	28654	3.02	cps
Potassium	39-2	13510251	13199691	13011879	13240607	1.90	cps
Rhodium	103-1	5726139	5659884	5763828	5716617	0.92	cps
Rhodium	103-2	2706021	2653705	2654458	2671395	1.12	cps
Scandium	45-1	4728378	4811408	4752925	4764237	0.90	cps
Scandium	45-2	172867	170346	169680	170964	0.98	cps
Selenium	82-1	56792	56359	55939	56363	0.76	cps
Selenium	77-2	2060	2084	1940	2028	3.79	cps
Selenium	78-2	6645	6668	6523	6612	1.18	cps
Silicon	28-1	10027659	10167183	10165255	10120032	0.79	cps
Silver	107-1	3270174	3318489	3236926	3275196	1.25	cps
Silver	109-1	3166426	3147148	3205466	3173014	0.94	cps
Sodium	23-2	63915249	61077470	59681922	61558214	3.50	cps
Strontium	86-1	23159796	23709785	23489666	23453082	1.18	cps
Strontium	88-1	198067804	200185484	204909625	201054304	1.74	cps
Sulfur	34-1	588948	577772	574637	580452	1.30	cps
Terbium	159-1	7583342	7803942	7746915	7711400	1.48	cps
Terbium	159-2	3456223	3417865	3472537	3448875	0.81	cps
Thallium	203-1	2199089	2205287	2254454	2219610	1.37	cps
Thallium	205-1	5038390	5122786	5176528	5112568	1.36	cps
Tin	118-1	2151534	2179471	2261752	2197586	2.61	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:40:35	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4404374	4309537	4408746	4374219	1.28	cps
Uranium	238-1	7134058	7201329	7279412	7204933	1.01	cps
Vanadium	51-2	609053	592512	572823	591463	3.07	cps
Ytterbium	172-1	108	50	158	106	51.37	cps
Ytterbium	172-2	72	17	61	50	58.79	cps
Ytterbium	176-1	9954	10496	10621	10357	3.42	cps
Ytterbium	176-2	9209	8781	9437	9142	3.64	cps
Yttrium	89-1	12722590	12791075	12980873	12831513	1.04	cps
Yttrium	89-2	1674302	1646877	1645872	1655684	0.97	cps
Zinc	66-2	1297373	1274860	1252883	1275039	1.74	cps
Zirconium	90-1	4835455	4829896	4933315	4866222	1.20	cps
Zirconium	91-1	1060213	1061116	1085486	1068938	1.34	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:52:21	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129	161	139	143	11.65	cps
Antimony	121-1	233	208	283	242	15.80	cps
Arsenic	75-2	8	7	7	7	7.87	cps
Barium	135-1	150	117	42	103	53.99	cps
Barium	137-1	225	58	92	125	70.55	cps
Beryllium	9-1	154	96	102	117	27.18	cps
Bismuth	209-1	4274660	4088908	4182253	4181941	2.22	cps
Bismuth	209-2	2249168	2341481	2326555	2305735	2.15	cps
Boron	10-1	17195	16948	16440	16861	2.28	cps
Boron	11-1	75639	73820	74327	74595	1.26	cps
Bromine	81-1	34498	36355	35673	35509	2.64	cps
Cadmium	111-1	2495	2287	2529	2437	5.39	cps
Cadmium	106-1	3467	3192	3534	3398	5.33	cps
Cadmium	108-1	46	63	46	51	18.73	cps
Calcium	43-1	442	360	387	397	10.59	cps
Calcium	44-1	9533	8499	8575	8869	6.50	cps
Carbon	12-1	4808424	5019403	5008739	4945522	2.40	cps
Carbon	12-2	59706	58567	61035	59769	2.07	cps
Chlorine	35-1	1036433	1037730	1027190	1033784	0.56	cps
Chlorine	35-2	8736	8528	8503	8589	1.49	cps
Chromium	52-2	763	663	727	718	7.05	cps
Cobalt	59-2	70	50	60	60	16.67	cps
Copper	63-2	980	793	830	868	11.40	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	30	33	10	24	51.62	cps
Gadolinium	160-1	58	25	33	39	44.61	cps
Gadolinium	160-2	87	70	63	73	16.39	cps
Holmium	165-1	6798232	6750769	6764082	6771028	0.36	cps
Holmium	165-2	3332297	3285434	3302613	3306781	0.72	cps
Indium	115-1	6123343	6178610	6146450	6149468	0.45	cps
Indium	115-2	1093819	1088711	1095338	1092623	0.32	cps
Iron	54-2	778	778	772	776	0.41	cps
Iron	56-2	8642	9704	9309	9218	5.82	cps
Iron	57-2	256	272	256	261	3.69	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:52:21	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1485	1357	1386	1409	4.74	cps
Lead	206-1	933	722	778	811	13.49	cps
Lead	207-1	706	783	633	707	10.60	cps
Lead	208-1	3334	3122	2878	3111	7.33	cps
Lithium	6-1	3700684	3650019	3683521	3678074	0.70	cps
Magnesium	24-2	467	558	392	472	17.68	cps
Manganese	55-2	163	97	153	138	26.09	cps
Molybdenum	94-1	325	133	300	253	41.22	cps
Molybdenum	95-1	200	117	117	144	33.31	cps
Molybdenum	96-1	425	283	392	367	20.20	cps
Molybdenum	97-1	183	75	108	122	45.40	cps
Molybdenum	98-1	450	183	250	294	47.13	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	193	257	260	237	15.87	cps
Phosphorus	31-2	208	208	158	192	15.06	cps
Potassium	39-2	15626	15484	15350	15486	0.89	cps
Rhodium	103-1	5612816	5821593	5823168	5752526	2.10	cps
Rhodium	103-2	2781563	2776715	2768681	2775653	0.23	cps
Scandium	45-1	4670752	4612311	4639861	4640975	0.63	cps
Scandium	45-2	165984	162786	165391	164720	1.03	cps
Selenium	82-1	-55	53	70	23	300.82	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	90	71	79	80	11.92	cps
Silicon	28-1	374191	378226	385412	379276	1.50	cps
Silver	107-1	258	267	217	247	10.84	cps
Silver	109-1	217	242	175	211	15.95	cps
Sodium	23-2	14149	14191	13273	13871	3.74	cps
Strontium	86-1	2717	2400	2459	2525	6.68	cps
Strontium	88-1	2901	1308	1208	1806	52.58	cps
Sulfur	34-1	204519	204959	204122	204533	0.20	cps
Terbium	159-1	7216685	7222597	7209868	7216383	0.09	cps
Terbium	159-2	3349688	3342535	3316731	3336318	0.52	cps
Thallium	203-1	817	783	950	850	10.38	cps
Thallium	205-1	1700	1725	1708	1711	0.74	cps
Tin	118-1	1183	900	883	989	17.05	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 18:52:21	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	225	258	256	11.45	cps
Uranium	238-1	192	58	67	106	70.76	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Ytterbium	172-1	33	50	50	44	21.66	cps
Ytterbium	172-2	28	33	22	28	20.00	cps
Ytterbium	176-1	867	908	700	825	13.36	cps
Ytterbium	176-2	4951	5290	5674	5305	6.81	cps
Yttrium	89-1	12068491	12076534	12397251	12180759	1.54	cps
Yttrium	89-2	1614021	1583486	1590107	1595871	1.01	cps
Zinc	66-2	417	320	357	364	13.39	cps
Zirconium	90-1	575	433	533	514	14.17	cps
Zirconium	91-1	67	100	150	106	39.74	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL3X50	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	50
Date & Time Acquired :	2022-06-02 19:01:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124895	120512	116075	120494	3.66	cps
Antimony	121-1	36332	36541	34352	35742	3.38	cps
Arsenic	75-2	7424	7321	7087	7277	2.37	cps
Barium	135-1	175089	171924	165426	170813	2.88	cps
Barium	137-1	310686	294034	292055	298925	3.42	cps
Beryllium	9-1	27442	27017	26338	26933	2.07	cps
Bismuth	209-1	4222320	4248099	4435493	4301971	2.70	cps
Bismuth	209-2	2354021	2341469	2357533	2351007	0.36	cps
Boron	10-1	26515	28065	28608	27729	3.92	cps
Boron	11-1	120223	127260	127021	124835	3.20	cps
Bromine	81-1	36987	37087	35171	36415	2.96	cps
Cadmium	111-1	82675	82206	78963	81281	2.49	cps
Cadmium	106-1	10821	10471	10805	10699	1.85	cps
Cadmium	108-1	5447	5184	5105	5246	3.41	cps
Calcium	43-1	55995	55477	53640	55037	2.25	cps
Calcium	44-1	895967	881550	848988	875502	2.75	cps
Carbon	12-1	3953829	3818889	3783212	3851977	2.34	cps
Carbon	12-2	44100	43757	42303	43387	2.20	cps
Chlorine	35-1	2202006	2420167	2616523	2412899	8.59	cps
Chlorine	35-2	25373	25339	25197	25303	0.37	cps
Chromium	52-2	54089	52787	50482	52453	3.48	cps
Cobalt	59-2	133002	127506	120654	127054	4.87	cps
Copper	63-2	38656	37289	35879	37275	3.73	cps
Dysprosium	156-1	4276	4459	3942	4226	6.20	cps
Dysprosium	156-2	1717	1620	1717	1685	3.31	cps
Erbium	164-1	2800	2409	2417	2542	8.80	cps
Erbium	164-2	1060	1043	1103	1069	2.90	cps
Gadolinium	160-1	3392	3367	3376	3378	0.38	cps
Gadolinium	160-2	1670	1720	1613	1668	3.20	cps
Holmium	165-1	7090332	7081975	7036286	7069531	0.41	cps
Holmium	165-2	3422050	3406940	3388690	3405894	0.49	cps
Indium	115-1	6346069	6218117	6253740	6272642	1.05	cps
Indium	115-2	1125340	1135146	1124283	1128256	0.53	cps
Iron	54-2	312853	305046	291807	303235	3.51	cps
Iron	56-2	5973059	5830763	5327658	5710493	5.94	cps
Iron	57-2	141349	137900	129432	136227	4.50	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL3X50	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	50
Date & Time Acquired :	2022-06-02 19:01:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1451	1490	1380	1440	3.87	cps
Lead	206-1	109835	108747	106557	108379	1.54	cps
Lead	207-1	94017	91969	88663	91550	2.95	cps
Lead	208-1	432777	429954	417958	426897	1.84	cps
Lithium	6-1	3746226	3650634	3685910	3694257	1.31	cps
Magnesium	24-2	404177	393320	376842	391447	3.52	cps
Manganese	55-2	154275	153732	142170	150059	4.56	cps
Molybdenum	94-1	61394	60725	59687	60602	1.42	cps
Molybdenum	95-1	104250	103728	100303	102760	2.09	cps
Molybdenum	96-1	114731	110758	109681	111723	2.38	cps
Molybdenum	97-1	65204	63739	62960	63968	1.78	cps
Molybdenum	98-1	168313	162814	163204	164777	1.86	cps
Neodymium	150-1	7862	7429	8096	7796	4.34	cps
Neodymium	150-2	2640	2530	2437	2536	4.01	cps
Nickel	60-2	11635	10961	10808	11134	3.95	cps
Phosphorus	31-2	800	717	675	731	8.71	cps
Potassium	39-2	404547	387858	372274	388226	4.16	cps
Rhodium	103-1	6086151	5953967	6017569	6019229	1.10	cps
Rhodium	103-2	2872700	2866907	2769574	2836394	2.04	cps
Scandium	45-1	4735536	4613799	4577828	4642388	1.78	cps
Scandium	45-2	166749	170483	167717	168316	1.15	cps
Selenium	82-1	6578	6689	6171	6479	4.21	cps
Selenium	77-2	290	233	240	254	12.17	cps
Selenium	78-2	833	852	771	819	5.17	cps
Silicon	28-1	2103303	1990840	1994865	2029669	3.14	cps
Silver	107-1	71679	71502	68428	70536	2.59	cps
Silver	109-1	69442	68514	67014	68323	1.79	cps
Sodium	23-2	69173	67482	66678	67777	1.88	cps
Strontium	86-1	118131	113493	113676	115100	2.28	cps
Strontium	88-1	978510	963297	947250	963019	1.62	cps
Sulfur	34-1	204326	208162	209135	207208	1.23	cps
Terbium	159-1	7481347	7401038	7426460	7436282	0.55	cps
Terbium	159-2	3370820	3366969	3398612	3378801	0.51	cps
Thallium	203-1	51235	50976	50013	50742	1.27	cps
Thallium	205-1	120575	119507	116816	118966	1.63	cps
Tin	118-1	145782	144070	138682	142845	2.59	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	N2656-11DL3X50	Instrumnet Name :	P8
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	50
Date & Time Acquired :	2022-06-02 19:01:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	59190	58094	56596	57960	2.25	cps
Uranium	238-1	189018	191587	196103	192236	1.87	cps
Vanadium	51-2	36313	34612	32560	34495	5.45	cps
Ytterbium	172-1	642	708	583	644	9.70	cps
Ytterbium	172-2	244	317	278	280	12.93	cps
Ytterbium	176-1	1483	1417	1342	1414	5.01	cps
Ytterbium	176-2	5518	5662	5346	5509	2.88	cps
Yttrium	89-1	12879823	12595026	12679038	12717962	1.15	cps
Yttrium	89-2	1638800	1701320	1656125	1665415	1.94	cps
Zinc	66-2	32725	30386	28996	30702	6.14	cps
Zirconium	90-1	7861	7260	7377	7499	4.24	cps
Zirconium	91-1	1842	1792	1667	1767	5.10	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:18:08	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2683647	2640126	2589182	2637652	1.79	cps
Antimony	121-1	2241095	2255324	2232144	2242854	0.52	cps
Arsenic	75-2	74118	72395	71316	72610	1.95	cps
Barium	135-1	3027296	3066014	3001872	3031727	1.07	cps
Barium	137-1	5308062	5302552	5154469	5255028	1.66	cps
Beryllium	9-1	993301	988329	980403	987344	0.66	cps
Bismuth	209-1	4027577	4096159	4109567	4077768	1.08	cps
Bismuth	209-2	2280441	2221558	2171116	2224372	2.46	cps
Boron	10-1	152782	157398	160999	157060	2.62	cps
Boron	11-1	668720	688135	696093	684316	2.06	cps
Bromine	81-1	32532	33244	30204	31993	4.97	cps
Cadmium	111-1	614455	600927	608875	608086	1.12	cps
Cadmium	106-1	71460	71084	71963	71503	0.62	cps
Cadmium	108-1	46570	46198	46687	46485	0.55	cps
Calcium	43-1	4928603	4866968	4817331	4870967	1.14	cps
Calcium	44-1	77374733	77166472	76263397	76934867	0.77	cps
Carbon	12-1	4683587	4740731	4719411	4714576	0.61	cps
Carbon	12-2	59922	59103	59446	59490	0.69	cps
Chlorine	35-1	564110	564635	553369	560704	1.13	cps
Chlorine	35-2	4609	4826	4201	4545	6.98	cps
Chromium	52-2	715650	702857	697853	705453	1.30	cps
Cobalt	59-2	1227402	1192698	1187285	1202462	1.81	cps
Copper	63-2	9209192	8957368	8577660	8914740	3.57	cps
Dysprosium	156-1	325	242	292	286	14.66	cps
Dysprosium	156-2	160	123	97	127	25.10	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	53	23	43	40	38.19	cps
Gadolinium	160-1	183	225	258	222	16.91	cps
Gadolinium	160-2	157	160	190	169	10.87	cps
Holmium	165-1	7224236	7082880	7077833	7128316	1.17	cps
Holmium	165-2	3495863	3406719	3369498	3424027	1.90	cps
Indium	115-1	5940330	5909341	6048586	5966086	1.23	cps
Indium	115-2	1058301	1060520	1064803	1061208	0.31	cps
Iron	54-2	8373921	8207410	8142883	8241405	1.45	cps
Iron	56-2	151068531	149205470	149640570	149971524	0.65	cps
Iron	57-2	3837604	3874829	3739083	3817172	1.84	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:18:08	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1366	1424	1396	1395	2.06	cps
Lead	206-1	8573841	8597409	8667416	8612889	0.57	cps
Lead	207-1	7476370	7627346	7582568	7562095	1.03	cps
Lead	208-1	34606150	34909205	34909029	34808128	0.50	cps
Lithium	6-1	3710512	3618280	3710022	3679605	1.44	cps
Magnesium	24-2	31778030	30812543	30817301	31135958	1.79	cps
Manganese	55-2	4396463	4351942	4220623	4323009	2.11	cps
Molybdenum	94-1	9217137	9117031	9138744	9157638	0.58	cps
Molybdenum	95-1	13590261	13288848	13410064	13429724	1.13	cps
Molybdenum	96-1	14644554	14420765	14479296	14514872	0.80	cps
Molybdenum	97-1	8158865	8027074	8142651	8109530	0.89	cps
Molybdenum	98-1	21500366	20961338	21452430	21304711	1.40	cps
Neodymium	150-1	233	247	213	231	7.26	cps
Neodymium	150-2	43	50	17	37	48.10	cps
Nickel	60-2	310307	305414	298684	304802	1.91	cps
Phosphorus	31-2	28128	28428	27485	28014	1.72	cps
Potassium	39-2	13496274	13173822	12489639	13053245	3.94	cps
Rhodium	103-1	5545842	5307711	5441076	5431543	2.20	cps
Rhodium	103-2	2576483	2591605	2549966	2572685	0.82	cps
Scandium	45-1	4571147	4576495	4558671	4568771	0.20	cps
Scandium	45-2	166527	164856	165566	165649	0.51	cps
Selenium	82-1	52163	51386	51076	51542	1.09	cps
Selenium	77-2	1860	1747	1800	1802	3.15	cps
Selenium	78-2	6162	6047	5886	6032	2.30	cps
Silicon	28-1	9798590	9753842	9677140	9743190	0.63	cps
Silver	107-1	3172320	3174444	3147065	3164610	0.48	cps
Silver	109-1	3039712	3028719	3030225	3032885	0.20	cps
Sodium	23-2	60925933	59216168	59245872	59795991	1.64	cps
Strontium	86-1	22930876	22670275	22992032	22864394	0.75	cps
Strontium	88-1	196503954	193309483	195892825	195235421	0.87	cps
Sulfur	34-1	554391	545448	540388	546742	1.30	cps
Terbium	159-1	7488056	7675999	7404030	7522695	1.85	cps
Terbium	159-2	3477410	3447318	3442336	3455688	0.55	cps
Thallium	203-1	2126192	2120642	2180387	2142407	1.54	cps
Thallium	205-1	4920562	4815110	4971889	4902520	1.63	cps
Tin	118-1	2144588	2108031	2118312	2123644	0.89	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:18:08	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4239131	4189115	4273489	4233912	1.00	cps
Uranium	238-1	6986328	6884824	6902876	6924676	0.78	cps
Vanadium	51-2	590999	580663	568486	580050	1.94	cps
Ytterbium	172-1	117	150	75	114	33.00	cps
Ytterbium	172-2	67	56	67	63	10.19	cps
Ytterbium	176-1	9720	9879	9921	9840	1.07	cps
Ytterbium	176-2	9409	9559	9231	9400	1.75	cps
Yttrium	89-1	12580256	12429799	12278931	12429662	1.21	cps
Yttrium	89-2	1662793	1619221	1615863	1632626	1.60	cps
Zinc	66-2	1137894	1115025	1106500	1119806	1.45	cps
Zirconium	90-1	4745070	4770601	4731387	4749019	0.42	cps
Zirconium	91-1	1047630	1048120	1039407	1045052	0.47	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:22:12	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216	187	177	194	10.38	cps
Antimony	121-1	717	692	1067	825	25.41	cps
Arsenic	75-2	6	8	8	7	15.75	cps
Barium	135-1	342	267	258	289	15.89	cps
Barium	137-1	592	458	525	525	12.70	cps
Beryllium	9-1	190	218	174	194	11.48	cps
Bismuth	209-1	4370820	4320121	4393785	4361575	0.86	cps
Bismuth	209-2	2400101	2346822	2417250	2388058	1.54	cps
Boron	10-1	12651	12355	12061	12355	2.39	cps
Boron	11-1	54825	52722	52579	53375	2.36	cps
Bromine	81-1	34509	33786	33053	33783	2.15	cps
Cadmium	111-1	2615	2409	2385	2470	5.14	cps
Cadmium	106-1	3617	3367	3375	3453	4.11	cps
Cadmium	108-1	83	75	100	86	14.78	cps
Calcium	43-1	969	741	737	816	16.23	cps
Calcium	44-1	16768	13874	14298	14980	10.43	cps
Carbon	12-1	4760831	4861509	4803731	4808690	1.05	cps
Carbon	12-2	56626	57597	56676	56966	0.96	cps
Chlorine	35-1	546940	546080	538131	543717	0.89	cps
Chlorine	35-2	4501	4559	4359	4473	2.30	cps
Chromium	52-2	810	690	760	753	8.00	cps
Cobalt	59-2	107	123	70	100	27.29	cps
Copper	63-2	1127	827	1010	988	15.31	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	23	17	27	22	22.91	cps
Gadolinium	160-1	58	8	50	39	68.89	cps
Gadolinium	160-2	77	83	87	82	6.19	cps
Holmium	165-1	7052420	7099629	7003438	7051829	0.68	cps
Holmium	165-2	3447449	3338245	3407901	3397865	1.63	cps
Indium	115-1	6295029	6226976	6205464	6242490	0.75	cps
Indium	115-2	1107707	1104846	1116482	1109679	0.55	cps
Iron	54-2	1006	1033	911	983	6.52	cps
Iron	56-2	12356	11883	10676	11638	7.44	cps
Iron	57-2	372	306	417	365	15.33	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:22:12	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1389	1446	1420	1418	2.03	cps
Lead	206-1	1556	1483	1372	1470	6.28	cps
Lead	207-1	1439	1211	1139	1263	12.40	cps
Lead	208-1	6456	5606	5456	5840	9.24	cps
Lithium	6-1	3791444	3677511	3629298	3699418	2.25	cps
Magnesium	24-2	1167	1225	1067	1153	6.95	cps
Manganese	55-2	217	173	220	203	12.80	cps
Molybdenum	94-1	1075	1133	1058	1089	3.62	cps
Molybdenum	95-1	1533	1092	1383	1336	16.81	cps
Molybdenum	96-1	1925	1375	1525	1608	17.68	cps
Molybdenum	97-1	1042	633	700	792	27.67	cps
Molybdenum	98-1	2767	1700	1975	2147	25.79	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	263	237	207	236	12.04	cps
Phosphorus	31-2	217	192	108	172	32.93	cps
Potassium	39-2	15150	14608	15075	14944	1.97	cps
Rhodium	103-1	5833575	5790939	5800695	5808403	0.38	cps
Rhodium	103-2	2844188	2778133	2807257	2809859	1.18	cps
Scandium	45-1	4561183	4641167	4547359	4583236	1.10	cps
Scandium	45-2	164845	162821	166517	164728	1.12	cps
Selenium	82-1	115	-71	28	24	392.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	66	63	63	3.97	cps
Silicon	28-1	392308	392703	392530	392513	0.05	cps
Silver	107-1	500	558	408	489	15.47	cps
Silver	109-1	600	342	392	444	30.83	cps
Sodium	23-2	19296	18446	18779	18840	2.28	cps
Strontium	86-1	4518	3976	4092	4195	6.80	cps
Strontium	88-1	21567	14491	14160	16740	25.00	cps
Sulfur	34-1	183401	180571	183120	182364	0.85	cps
Terbium	159-1	7188054	7248780	7373205	7270013	1.30	cps
Terbium	159-2	3428175	3363155	3435566	3408965	1.17	cps
Thallium	203-1	992	775	942	903	12.57	cps
Thallium	205-1	2200	2325	2259	2261	2.77	cps
Tin	118-1	1067	1158	1167	1131	4.91	cps

LB Number :	LB120533	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired :	2022-06-02 19:22:12	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608	458	442	503	18.26	cps
Uranium	238-1	650	350	500	500	30.00	cps
Vanadium	51-2	27	43	23	31	34.44	cps
Ytterbium	172-1	67	17	58	47	56.72	cps
Ytterbium	172-2	22	11	28	20	41.67	cps
Ytterbium	176-1	867	817	917	867	5.77	cps
Ytterbium	176-2	5057	5240	5284	5194	2.33	cps
Yttrium	89-1	12208998	12350311	12031798	12197036	1.31	cps
Yttrium	89-2	1620916	1599947	1643038	1621300	1.33	cps
Zinc	66-2	363	437	417	406	9.35	cps
Zirconium	90-1	858	833	942	878	6.46	cps
Zirconium	91-1	242	192	233	222	12.05	cps